

Form 603Corporations Act 2001 Section
671B**Notice of initial substantial holder**

To Company Name/Scheme Paladin Energy Ltd

ACN/ARSN/ABN 47 061 681 098

1. Details of substantial holder (1)

Name JPMorgan Chase & Co. and its affiliates

ACN/ARSN (if applicable) NA

The holder became a substantial holder on 11/1/2022

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	135,561,437	135,561,437	5.06%

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
JPMORGAN CHASE BANK, N.A.	Securities on Loan as Agent Lender	52,643,701 (Ordinary)
J.P. MORGAN SECURITIES PLC	Holder of securities subject to an obligation to return under a securities lending agreement	3,665,325 (Ordinary)
J.P. MORGAN SECURITIES PLC	Purchase and sales of securities in its capacity as Principal/Proprietary	72,468,999 (Ordinary)
J.P. MORGAN SECURITIES LLC	Rehypothecation of client securities under a Prime Brokerage Agreement	1,097,684 (Ordinary)
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Purchase and sales of securities in its capacity as Principal/Proprietary	5,685,728 (Ordinary)

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
JPMORGAN CHASE BANK, N.A.	JPM Nominees Australia Pty Limited	Various Borrower under the Securities Lending Agreement	52,643,701 (Ordinary)
J.P. MORGAN SECURITIES PLC	JPM Nominees Australia Pty Limited	JPM Nominees Australia Pty Limited	3,665,325 (Ordinary)
J.P. MORGAN SECURITIES PLC	JPM Nominees Australia Pty Limited	J.P. MORGAN SECURITIES PLC	72,468,999 (Ordinary)
J.P. MORGAN SECURITIES LLC	Citi Australia	Various Clients and Custodians	1,097,684 (Ordinary)
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Ecapital Nominees Pty Ltd	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	5,685,728 (Ordinary)

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 of securities
		Cash	Non-cash	
See Appendix				

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
JPMORGAN CHASE BANK, N.A.	Subsidiary of JPMorgan Chase & Co.
J.P. MORGAN SECURITIES PLC	Subsidiary of JPMorgan Chase & Co.
J.P. MORGAN SECURITIES LLC	Subsidiary of JPMorgan Chase & Co.
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Subsidiary of JPMorgan Chase & Co.

7. Addresses

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

Name	Address
JPMorgan Chase & Co.	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMORGAN CHASE BANK, N.A.	1111 Polaris Parkway, Columbus, Delaware, OH, 43240, United States
J.P. MORGAN SECURITIES PLC	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN SECURITIES LLC	383 Madison Ave., New York, New York, NY, 10179, United States
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW 2000, Australia

Signature

print name

Vasim Pathan

Capacity

Compliance Officer

sign here



date

13/01/2022

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, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
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TRADES FOR RELEVANT PERIOD					Appendix		
Transaction Date	Entity	Product Type	Type of Transaction	Quantity	Price (AUD)	Consideration	
Balance at start of relevant period				95,097,700			
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(26,640)	0.98	\$	26,107.20
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(758,411)	0.95	\$	717,819.33
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,963)	0.97	\$	4,815.74
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(51,098)	0.97	\$	49,791.07
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	27,345	0.98	\$	26,787.16
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	313,132	0.98	\$	307,701.04
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(139,962)	0.97	\$	136,209.20
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(369,033)	0.97	\$	358,028.80
13-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(27,345)	0.86	\$	23,379.98
13-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(45,000)	-	\$	-
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,000)	0.95	\$	950.00
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	100	0.95	\$	95.00
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(100)	0.95	\$	94.50
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,000	0.97	\$	970.00
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(37,138)	0.95	\$	35,147.03
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(30,659)	0.94	\$	28,913.09
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(523,145)	0.95	\$	494,781.12
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(67,193)	0.94	\$	63,278.67
14-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	64,960	0.95	\$	61,712.00
14-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(233,000)	-	\$	-
14-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	9,000	-	\$	-
15-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(18,395)	0.99	\$	18,227.50
15-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(71,280)	1.01	\$	71,682.59
15-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,300	1.00	\$	4,318.00
15-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,590)	1.03	\$	15,979.75
15-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,300)	0.95	\$	4,085.00
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(971,887)	1.03	\$	996,184.18
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,327)	1.03	\$	4,461.89
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(74,184)	1.02	\$	75,667.68
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(26,242)	1.05	\$	27,438.06
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(36,484)	1.04	\$	37,762.84
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(21,851)	1.02	\$	22,288.02
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	38,403	1.06	\$	40,705.03
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,327	1.09	\$	4,721.60
16-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(38,403)	1.03	\$	39,363.08
16-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	818,000	-	\$	-
16-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	10,000,000	-	\$	-
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(79,922)	1.03	\$	82,319.66
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,000)	1.03	\$	3,090.00
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(971,819)	1.02	\$	991,255.38
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(433,883)	1.03	\$	446,899.49
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,656)	1.01	\$	12,756.03
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,000	1.00	\$	3,005.00
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,760)	1.03	\$	9,022.80
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(67,757)	1.01	\$	68,476.04
17-Sep-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(460,950)	0.98	\$	452,707.29
17-Sep-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(262,553)	0.99	\$	258,790.62
17-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4)	1.00	\$	4.00
20-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(105,889)	1.03	\$	109,065.67
20-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(191,109)	1.03	\$	196,842.27
20-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	105,889	0.89	\$	93,745.23
20-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	201,552	0.88	\$	177,317.99
20-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	3,162,000	-	\$	-
20-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	5,000,000	-	\$	-
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(847)	0.87	\$	735.26
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,512)	0.87	\$	13,495.44
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	927	0.87	\$	804.80
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,743)	0.86	\$	6,658.98
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(53,500)	0.85	\$	45,729.98
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	50,800	0.80	\$	40,659.51
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	114,286	0.83	\$	94,950.98
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,970)	0.87	\$	3,461.97
21-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	10,668	0.88	\$	9,362.70
21-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	38,000	-	\$	-
21-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,000,000	-	\$	-
22-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,465)	0.86	\$	2,115.88
22-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(100,000)	0.85	\$	85,000.00
22-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	12,920	0.86	\$	11,060.80
22-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,737)	0.88	\$	4,144.88
22-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	4,635,000	-	\$	-
22-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(10,000,000)	-	\$	-
22-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(991)	0.84	\$	831.29
23-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(27,206)	0.87	\$	23,703.12
23-Sep-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow	4,635,331	-	\$	-
23-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(2,300,866)	-	\$	-
23-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(14,776,134)	-	\$	-
24-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(341,025)	0.84	\$	284,938.32
24-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	101,680	0.86	\$	87,428.02
24-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(98,780)	0.84	\$	82,975.20
24-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(3,035,000)	-	\$	-
24-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(38,000)	-	\$	-
24-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(3,395,575)	-	\$	-
27-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(56,095)	0.83	\$	46,558.85
27-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,631)	0.83	\$	3,843.73
27-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,631	0.76	\$	3,526.34
27-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,058	0.79	\$	3,185.53
27-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(100,000)	0.75	\$	74,500.00
27-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,958)	0.77	\$	5,371.20
27-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,311,153	0.75	\$	988,172.75
27-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(1,500,000)	-	\$	-
27-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(9,000)	-	\$	-
27-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(3,980,000)	-	\$	-
27-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(657,000)	-	\$	-
27-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(390,848)	-	\$	-
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	342,019	0.78	\$	268,008.48
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(452,484)	0.80	\$	359,814.82
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	390,025	0.78	\$	302,478.82
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(691,281)	0.81	\$	557,151.75
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(228,892)	0.78	\$	177,972.23
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	508,502	0.78	\$	397,174.13
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	376,591	0.82	\$	307,186.41
28-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(185,121)	0.77	\$	141,617.57
28-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	252,000	-	\$	-
28-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(343,000)	-	\$	-
28-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(604,322)	-	\$	-

TRADES FOR RELEVANT PERIOD				Appendix			
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(880,241)	0.79	\$	690,989.19
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	497,462	0.77	\$	384,359.54
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(224,316)	0.77	\$	171,768.63
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(46,282)	0.79	\$	36,451.93
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	30,716	0.75	\$	23,037.00
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(300,000)	0.77	\$	230,000.10
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,511,719	0.77	\$	1,170,516.46
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	259,040	0.77	\$	200,600.32
29-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,511,719)	0.78	\$	1,171,582.23
29-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(100,000)	-	\$	-
29-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,000	-	\$	-
29-Sep-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(609,255)	-	\$	-
30-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	688	0.75	\$	512.78
30-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(31,500)	0.69	\$	21,735.00
30-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(645,161)	0.73	\$	473,547.53
30-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	415,135	0.72	\$	296,875.49
30-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(360,601)	0.76	\$	272,381.77
30-Sep-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,590	0.76	\$	5,041.13
30-Sep-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	29,127	0.69	\$	20,097.63
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,481	0.72	\$	12,586.32
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	32,036	0.72	\$	22,965.49
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	212,383	0.73	\$	155,304.43
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(79,406)	0.72	\$	57,560.14
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	757,812	0.74	\$	561,778.92
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(601,293)	0.73	\$	441,202.95
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(286,931)	0.74	\$	212,972.81
1-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	31,931	0.72	\$	23,041.09
1-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(253,000)	-	\$	-
4-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	227,392	0.76	\$	171,871.74
4-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	30,888	0.73	\$	22,548.24
4-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(583,451)	0.75	\$	437,391.04
4-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(543,977)	0.76	\$	413,692.88
5-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	426,884	0.73	\$	310,407.85
5-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	474,144	0.72	\$	343,362.28
5-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(76,389)	0.73	\$	55,580.33
5-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,563)	0.74	\$	18,093.45
5-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(207,366)	0.73	\$	152,239.82
5-Oct-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow Return	(1,519,841)	-	\$	-
6-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(100,000)	0.74	\$	74,000.00
6-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	11,866	0.73	\$	8,602.85
6-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,000	0.72	\$	2,145.00
6-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(485,544)	0.72	\$	349,848.05
6-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,000)	0.71	\$	7,100.00
6-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	70,819	0.73	\$	51,356.59
6-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	310,384	0.72	\$	223,039.77
7-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(66,516)	0.71	\$	46,893.78
7-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(46,765)	0.68	\$	31,566.38
7-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	237,389	0.70	\$	166,336.10
7-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,120	0.71	\$	12,203.51
7-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	70,718	0.70	\$	49,268.81
7-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(92,107)	0.71	\$	65,667.96
7-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	11,500	0.68	\$	7,822.50
7-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	473,000	-	\$	-
8-Oct-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(48,983)	0.70	\$	34,288.10
8-Oct-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(10,046)	0.70	\$	7,032.20
8-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	30,985	0.72	\$	22,166.05
8-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	141,407	0.71	\$	100,398.97
8-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(257,549)	0.71	\$	183,223.45
8-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,859)	0.70	\$	2,001.30
8-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,463	0.72	\$	1,053.36
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(103,000)	0.70	\$	72,100.00
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	20,534	0.75	\$	15,386.13
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	29,762	0.73	\$	21,842.33
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	91,566	0.71	\$	64,745.49
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	103,000	0.72	\$	74,193.78
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	184,862	0.74	\$	136,490.64
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,639)	0.72	\$	1,894.96
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(488,546)	0.73	\$	359,071.05
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(160,668)	0.74	\$	118,720.00
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	579,132	0.71	\$	413,456.23
11-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	14,372	0.75	\$	10,769.92
11-Oct-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow	660,904	-	\$	-
11-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	44,000	-	\$	-
11-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	242,850	-	\$	-
11-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	518,426	-	\$	-
11-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	319,289	-	\$	-
11-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	5,500,000	-	\$	-
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(93,366)	0.74	\$	68,624.01
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	9,233	0.74	\$	6,810.26
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	63,679	0.73	\$	46,523.88
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	152,271	0.73	\$	110,491.80
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(9,910)	0.74	\$	7,283.85
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(42,957)	0.72	\$	30,929.04
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	37,321	0.73	\$	27,399.06
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	293,636	0.73	\$	214,778.58
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,724)	0.73	\$	4,189.44
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	93,366	0.73	\$	67,690.44
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	30,648	0.73	\$	22,219.80
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	7,228	0.73	\$	5,291.91
12-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,951	0.73	\$	4,344.23
12-Oct-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow	647,046	-	\$	-
12-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	200,000	-	\$	-
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,620)	0.74	\$	11,480.70
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,187	0.83	\$	6,816.50
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(781,921)	0.87	\$	680,271.27
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	342,180	0.90	\$	307,457.28
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,401)	0.89	\$	1,246.89
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	15,620	0.88	\$	13,679.61
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	410,128	0.83	\$	341,233.47
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	16,347	0.88	\$	14,341.17
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	16,601	0.88	\$	14,547.24
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	95,902	0.87	\$	83,434.74
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,272)	0.89	\$	6,478.59
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(444,395)	0.88	\$	391,730.19
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(424,314)	0.88	\$	371,925.65
13-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,622)	0.90	\$	5,973.08
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(280,670)	0.87	\$	244,182.90
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(412,000)	0.87	\$	358,440.00

TRADES FOR RELEVANT PERIOD				Appendix			
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(110,230)	0.88	\$	96,570.52
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(36,098)	0.87	\$	31,579.25
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(62,200)	0.86	\$	53,791.99
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	412,000	0.89	\$	368,550.07
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	104,390	0.89	\$	92,667.84
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,948)	0.87	\$	2,573.45
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	58,501	0.85	\$	49,914.11
14-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	175,981	0.89	\$	156,545.83
15-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(113,250)	0.86	\$	97,395.00
15-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,000)	0.86	\$	12,900.00
15-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,197	0.81	\$	6,598.59
15-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	15,000	0.81	\$	12,150.00
15-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	113,250	0.84	\$	95,258.88
15-Oct-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow	211,891	-	\$	-
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(117,244)	0.81	\$	94,967.64
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,000)	0.81	\$	4,860.00
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	15,754	0.86	\$	13,546.86
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	209,424	0.87	\$	181,444.95
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	21,383	0.86	\$	18,485.77
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(433,924)	0.85	\$	367,320.14
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	181,321	0.85	\$	154,909.96
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,000	0.87	\$	5,190.00
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(467,269)	0.87	\$	408,277.69
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	23,361	0.86	\$	20,029.72
18-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(191,848)	0.81	\$	155,396.88
18-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	7,600,000	-	\$	-
18-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	21,206	-	\$	-
18-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(41,400)	-	\$	-
18-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	20,194	-	\$	-
18-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,608,000	-	\$	-
19-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	30,390	0.89	\$	26,895.15
19-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(98,574)	0.90	\$	88,343.00
19-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,968)	0.95	\$	3,760.39
19-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(77,957)	0.90	\$	70,500.02
19-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(177,191)	0.89	\$	157,749.07
19-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	296,200	0.94	\$	279,883.53
19-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	231	0.95	\$	218.97
19-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,088,000	-	\$	-
20-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,000)	0.95	\$	9,450.00
20-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	241	0.93	\$	223.13
20-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,904)	0.93	\$	4,560.72
20-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(78,975)	0.91	\$	72,065.24
20-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	67,500	0.91	\$	61,297.49
20-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(213,130)	0.92	\$	195,765.45
20-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	10,000	0.92	\$	9,200.00
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,956)	0.93	\$	4,609.08
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,000)	0.93	\$	4,650.00
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(374,577)	0.96	\$	357,785.84
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	45,845	0.97	\$	44,476.71
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,545)	0.95	\$	10,029.16
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	13,925	0.95	\$	13,240.15
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,000	0.94	\$	4,700.00
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(42,678)	0.96	\$	40,807.85
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	96,643	0.96	\$	92,928.62
21-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	680	0.95	\$	646.28
21-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(476,232)	-	\$	-
21-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(20,194)	-	\$	-
21-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(1,475,236)	-	\$	-
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(656)	0.98	\$	639.60
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	446	0.93	\$	414.92
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	187,032	0.96	\$	179,621.79
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(235,145)	0.95	\$	223,082.06
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(165,432)	0.94	\$	156,276.33
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(56,092)	0.95	\$	53,254.81
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,864)	0.93	\$	1,724.20
22-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	192,171	0.98	\$	187,586.76
22-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(132,764)	-	\$	-
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	147,771	0.96	\$	142,573.30
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(93,363)	0.98	\$	91,115.85
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	106,500	0.92	\$	97,625.04
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	29,539	0.94	\$	27,692.81
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(96,216)	0.93	\$	89,127.00
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(59,600)	0.92	\$	54,631.98
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	11,722	0.93	\$	10,935.88
25-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	249	0.97	\$	241.62
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,000)	0.97	\$	3,860.00
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	456	0.92	\$	417.53
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(108,834)	0.94	\$	102,728.63
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(113,704)	0.92	\$	104,276.01
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(295,784)	0.93	\$	275,672.17
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,384)	0.91	\$	2,180.95
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,000	0.94	\$	3,770.05
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,735	0.95	\$	16,848.25
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	89,318	0.92	\$	82,271.17
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(13,189)	0.92	\$	12,067.94
26-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	13,189	0.92	\$	12,067.94
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(50,000)	0.92	\$	45,750.00
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(57,555)	0.92	\$	52,662.83
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	61,093	0.89	\$	54,220.04
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	55,765	0.86	\$	48,118.11
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	20,001	0.89	\$	17,799.53
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	515	0.87	\$	446.11
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(159,469)	0.89	\$	141,568.45
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	50,000	0.86	\$	43,000.00
27-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	48,909	0.89	\$	43,429.92
27-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(1,088,000)	-	\$	-
27-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(2,000,000)	-	\$	-
27-Oct-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	932,000	-	\$	-
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,809)	0.87	\$	4,159.79
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,322	0.84	\$	6,970.51
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(242,578)	0.85	\$	206,119.98
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	82,385	0.84	\$	68,791.48
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	273,623	0.85	\$	233,178.51
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,100)	0.83	\$	12,457.50
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	173,482	0.84	\$	145,518.96
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	241	0.85	\$	205.25
28-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	190,165	0.83	\$	158,509.75
29-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	226	0.88	\$	198.74

TRADES FOR RELEVANT PERIOD				Appendix			
29-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	92,460	0.86	\$	79,643.38
29-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,136	0.88	\$	2,759.68
29-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(150,518)	0.87	\$	130,661.21
29-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(76,700)	0.86	\$	65,578.50
29-Oct-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,352)	0.86	\$	2,865.96
1-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,000)	0.88	\$	4,400.00
1-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	685	0.87	\$	593.69
1-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,000	0.86	\$	4,300.00
1-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,566	0.86	\$	3,903.93
1-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(170,500)	0.85	\$	145,539.99
1-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(9,485)	0.85	\$	8,062.25
1-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	9,230	0.88	\$	8,122.40
1-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	9,226	0.88	\$	8,137.75
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	5	-	\$	-
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(5)	-	\$	-
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,802,394	-	\$	-
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	30,180	-	\$	-
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	419,720	-	\$	-
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(5,500,000)	-	\$	-
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	3,697,606	-	\$	-
1-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(1,068)	-	\$	-
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(458,000)	0.86	\$	391,590.00
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	25,847	0.84	\$	21,803.13
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	458,000	0.84	\$	385,220.14
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	966	0.83	\$	804.17
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	137,381	0.84	\$	115,801.88
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(52,428)	0.86	\$	44,879.78
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(30,946)	0.87	\$	26,923.02
2-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(926)	0.88	\$	810.25
2-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(200,000)	-	\$	-
2-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(517,000)	-	\$	-
3-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,000)	0.83	\$	8,250.00
3-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	122,864	0.85	\$	103,820.08
3-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	10,000	0.84	\$	8,400.00
3-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(27,100)	0.84	\$	22,836.49
3-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	201,400	0.84	\$	169,141.76
3-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(338)	0.84	\$	283.08
3-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	101,609	0.84	\$	84,843.52
3-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(5,600,000)	-	\$	-
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(57,000)	0.84	\$	47,595.00
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(16,055)	0.84	\$	13,405.93
4-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(139,312)	0.93	\$	130,224.26
4-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(559)	0.94	\$	524.06
4-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(2,074)	0.94	\$	1,954.75
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	96,020	0.94	\$	90,116.79
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,677)	0.94	\$	14,703.60
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(321,053)	0.93	\$	298,895.21
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	46,790	0.94	\$	43,866.89
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	57,000	0.90	\$	51,579.98
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(745)	0.93	\$	696.12
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(184,242)	0.93	\$	171,510.14
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,083)	0.94	\$	6,675.86
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	208,277	0.94	\$	195,898.68
4-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	467,566	0.93	\$	435,715.87
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(154,000)	0.94	\$	144,760.00
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(552,056)	0.91	\$	501,123.31
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	154,000	0.90	\$	137,890.06
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	47,741	0.91	\$	43,444.31
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(162,698)	0.91	\$	148,275.64
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	289,611	0.89	\$	258,477.82
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,058)	0.92	\$	13,815.72
5-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,773)	0.90	\$	2,495.70
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,780)	0.90	\$	6,102.00
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,249)	0.90	\$	2,924.10
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,848)	0.90	\$	5,263.20
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	47,348	0.92	\$	43,692.92
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	18,096	0.92	\$	16,648.32
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(152,442)	0.91	\$	138,124.34
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,780	0.92	\$	6,203.70
8-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	16,170	0.92	\$	14,876.40
9-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(722,000)	0.93	\$	667,850.00
9-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(40,850)	0.93	\$	37,786.25
9-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	958,597	0.99	\$	952,669.04
9-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,813)	0.99	\$	2,784.87
9-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	722,000	1.00	\$	719,310.55
9-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,547)	0.99	\$	10,441.53
9-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	470,130	1.00	\$	470,130.00
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,000)	0.99	\$	5,940.00
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	226,882	0.98	\$	222,166.71
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,647)	1.01	\$	12,710.24
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	22,623	1.00	\$	22,509.89
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	32,094	0.99	\$	31,804.54
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,000	0.97	\$	5,790.00
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(195,141)	0.97	\$	189,701.25
10-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(11,195)	0.97	\$	10,907.15
10-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(324,441)	0.99	\$	321,330.26
10-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(2,928)	0.99	\$	2,898.72
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,000)	1.01	\$	5,025.00
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	119,664	0.98	\$	116,813.72
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(18,383)	0.97	\$	17,778.16
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,000	0.96	\$	4,775.00
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(50,577)	0.96	\$	48,301.04
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(406,234)	0.96	\$	390,677.68
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,682	0.98	\$	17,239.95
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	22,000	0.97	\$	21,340.00
11-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,268)	0.96	\$	5,030.94
11-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	3,554,000	-	\$	-
11-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	166,000	-	\$	-
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(65,125)	0.96	\$	62,520.00
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,268)	1.01	\$	8,370.70
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	130,849	1.01	\$	132,157.49
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	34,253	1.02	\$	34,766.80
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(87,713)	0.98	\$	86,225.74
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	65,125	1.01	\$	65,562.90
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	819,401	1.01	\$	825,635.00
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(204,640)	0.99	\$	202,708.61
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(55,013)	0.98	\$	54,122.94
12-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	118,139	1.02	\$	119,911.09

TRADES FOR RELEVANT PERIOD				Appendix			
12-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	10,000	-	\$	-
15-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(36,172)	1.02	\$	36,714.58
15-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	60,000	1.02	\$	61,144.98
15-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(263,154)	1.00	\$	262,700.59
15-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(76,091)	1.00	\$	75,710.55
15-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	180,445	1.01	\$	182,751.99
15-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(39,253)	1.01	\$	39,773.02
15-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	314,153	1.02	\$	321,128.45
16-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,000)	1.02	\$	6,120.00
16-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(19,381)	0.98	\$	18,993.38
16-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(156,756)	0.99	\$	154,417.67
16-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	279,184	1.00	\$	279,890.06
16-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	265,675	1.00	\$	265,830.69
16-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(108,441)	0.99	\$	107,049.05
16-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(616,575)	-	\$	-
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(17,828)	1.01	\$	17,917.14
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(13,004)	1.01	\$	13,141.10
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(83,229)	0.99	\$	82,185.39
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	398,632	1.01	\$	401,031.37
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(310,021)	0.98	\$	302,756.59
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	852,939	1.00	\$	855,847.52
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	39,281	1.01	\$	39,822.72
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(151,984)	0.97	\$	146,664.56
17-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,528)	1.01	\$	3,546.44
18-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(59,000)	0.99	\$	58,115.00
18-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(244,186)	0.99	\$	240,523.21
18-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	31,347	0.97	\$	30,406.59
18-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	59,000	0.94	\$	55,549.98
18-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(744,805)	0.96	\$	716,417.50
18-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(573,324)	0.95	\$	546,081.36
18-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(131,042)	0.96	\$	125,953.11
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(50,000)	0.96	\$	48,000.00
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,333)	0.97	\$	23,584.66
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	122,211	0.98	\$	119,513.19
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	45,601	0.98	\$	44,550.99
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,936)	0.98	\$	7,765.12
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,164)	0.95	\$	5,855.80
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	50,000	0.97	\$	48,500.00
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(54,076)	0.98	\$	52,804.89
19-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	21,472	0.98	\$	21,042.56
19-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	18,000	-	\$	-
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,000)	0.98	\$	9,800.00
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3)	0.98	\$	2.94
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3	0.96	\$	2.88
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,285)	0.96	\$	23,313.60
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	10,000	0.95	\$	9,450.00
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	235,553	0.97	\$	227,845.94
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	285,029	0.97	\$	277,116.88
22-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,532)	0.95	\$	3,348.49
22-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	10,000	-	\$	-
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(21,420)	0.96	\$	20,456.10
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(50,000)	0.96	\$	47,750.00
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(18,793)	0.96	\$	17,947.32
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	14,486	0.95	\$	13,832.68
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	59,083	0.99	\$	58,681.24
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	7,338	0.94	\$	6,916.80
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,275,932	0.98	\$	1,253,048.16
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	317,706	1.00	\$	317,099.50
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	50,000	0.97	\$	48,250.00
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(174,677)	0.96	\$	166,916.97
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(196,209)	0.95	\$	185,974.35
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	263,931	0.95	\$	251,009.73
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	370,537	0.98	\$	363,683.92
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,393	0.96	\$	1,339.93
23-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	34,416	0.97	\$	33,269.50
23-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	249,300	-	\$	-
23-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	964,000	-	\$	-
23-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	13,000	-	\$	-
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(500,650)	1.01	\$	503,153.25
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(53,921)	1.01	\$	54,190.61
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,650	0.92	\$	2,438.00
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(358,483)	0.97	\$	346,526.16
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,793	0.98	\$	8,654.40
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,024,249)	0.95	\$	973,998.32
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(350,698)	0.96	\$	335,898.19
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	500,650	0.93	\$	464,979.19
24-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	54,412	0.98	\$	53,277.07
24-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	386,200	-	\$	-
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(14,274)	0.92	\$	13,132.08
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,817)	0.92	\$	6,271.64
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,000)	0.92	\$	4,600.00
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	26,087	0.94	\$	24,537.43
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	7,483	0.94	\$	7,034.45
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(32,400)	0.94	\$	30,460.05
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(542,491)	0.93	\$	505,577.20
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	14,274	0.95	\$	13,488.93
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,000	0.94	\$	4,700.00
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	65,866	0.94	\$	62,007.44
25-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,817	0.94	\$	6,381.90
25-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	460,000	-	\$	-
25-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	10,000	-	\$	-
25-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	160,000	-	\$	-
25-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(480,357)	-	\$	-
26-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(22,157)	0.94	\$	20,716.80
26-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	150,764	0.91	\$	137,000.00
26-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	22,157	0.90	\$	19,941.30
26-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,505)	0.91	\$	4,115.48
26-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(109,869)	0.92	\$	100,792.06
26-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	3,846,553	-	\$	-
29-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(76,824)	0.90	\$	68,757.48
29-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,739)	0.90	\$	22,141.41
29-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	76,824	0.86	\$	65,858.37
29-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	231,384	0.87	\$	200,986.16
29-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,941)	0.90	\$	7,161.21
29-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	24,739	0.87	\$	21,522.93
29-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(156,904)	0.86	\$	135,016.21
29-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(331,200)	-	\$	-
29-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	100,000	-	\$	-

TRADES FOR RELEVANT PERIOD				Appendix			
30-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(106,416)	0.90	\$	95,774.40
30-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(14,482)	0.90	\$	13,033.80
30-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	106,416	0.94	\$	100,031.04
30-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	14,482	0.94	\$	13,678.44
30-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(11,404)	0.94	\$	10,706.65
30-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(41,000)	0.92	\$	37,720.00
30-Nov-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	215,390	0.94	\$	202,734.55
30-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	259,312	0.95	\$	245,049.84
30-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(25,913)	0.95	\$	24,487.79
30-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	103	0.95	\$	97.34
30-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	36,875	0.95	\$	34,846.88
30-Nov-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(37,001)	0.95	\$	34,965.95
30-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(249,300)	-	\$	-
30-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	3,238,000	-	\$	-
30-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(51,000)	-	\$	-
30-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	35,000	-	\$	-
30-Nov-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(35,000)	-	\$	-
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(93,527)	0.95	\$	88,383.02
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	400	0.91	\$	364.00
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	93,527	0.88	\$	82,230.34
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	26,671	0.92	\$	24,488.51
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,191)	0.88	\$	2,802.91
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(14,650)	0.89	\$	13,058.85
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(164,200)	0.91	\$	149,823.96
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,830)	0.90	\$	1,647.00
1-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,841)	0.95	\$	23,474.75
1-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	11,000	-	\$	-
1-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	2,508,000	-	\$	-
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(370,487)	0.88	\$	326,028.56
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,845)	0.88	\$	11,303.60
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,283)	0.88	\$	21,369.04
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	39,587	0.84	\$	33,114.53
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	303,108	0.83	\$	251,609.95
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(169)	0.85	\$	143.65
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(18,236)	0.83	\$	15,131.01
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	370,487	0.83	\$	306,422.39
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	450,000	0.83	\$	374,477.85
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	86,952	0.83	\$	72,063.56
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(245,378)	0.84	\$	206,055.19
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	334,407	0.84	\$	280,549.75
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	155,396	0.85	\$	132,086.60
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	12,845	0.86	\$	10,982.48
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,771	0.83	\$	1,461.08
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	64,065	0.83	\$	53,065.04
2-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	144,857	0.84	\$	120,966.46
2-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	25,000	-	\$	-
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,327)	0.83	\$	8,519.78
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	227,047	0.83	\$	189,402.61
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	848	0.86	\$	727.24
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	43,918	0.84	\$	36,917.47
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	198,656	0.83	\$	164,839.78
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	10,327	0.84	\$	8,674.68
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,387)	0.83	\$	6,119.35
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(62,788)	0.84	\$	52,546.96
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,920	0.83	\$	3,272.78
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,845	0.85	\$	3,265.25
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,625)	0.85	\$	13,203.13
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	88,327	0.85	\$	75,479.31
3-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	129,601	0.83	\$	107,284.49
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,144)	0.84	\$	960.96
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(13,561)	0.77	\$	10,441.97
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	13,561	0.77	\$	10,441.97
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(52,500)	0.77	\$	40,605.02
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	409,361	0.79	\$	321,788.86
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	221,730	0.79	\$	174,058.05
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(22,973)	0.84	\$	19,182.46
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(22,456)	0.78	\$	17,608.18
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,144	0.78	\$	892.32
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(13,561)	0.77	\$	10,441.97
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(138)	0.77	\$	106.26
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	13,699	0.77	\$	10,548.23
6-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,924	0.84	\$	15,056.16
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(142,692)	0.77	\$	109,872.84
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	181,668	0.79	\$	144,158.46
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	135,721	0.79	\$	107,183.49
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	37,647	0.80	\$	30,098.21
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	837,181	0.80	\$	668,312.38
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(417,773)	0.79	\$	330,351.08
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(357)	0.79	\$	282.58
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	45,000	0.80	\$	36,112.50
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(14,809)	0.81	\$	11,982.58
7-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	538,800	0.80	\$	431,573.95
7-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	546,840	-	\$	-
7-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	839,285	-	\$	-
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,080)	0.80	\$	6,464.00
8-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	728,194	0.80	\$	579,258.67
8-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	403	0.80	\$	322.40
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(200,852)	0.82	\$	164,822.97
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	213,901	0.80	\$	170,324.23
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(30,896)	0.83	\$	25,643.68
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,836)	0.80	\$	5,461.01
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,351)	0.81	\$	6,722.56
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	22,876	0.80	\$	18,190.26
8-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,000	0.83	\$	6,640.00
8-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(160,000)	-	\$	-
8-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(60,000)	-	\$	-
9-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,744)	0.80	\$	2,181.48
9-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,042)	0.83	\$	863.41
9-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(292,474)	0.83	\$	241,785.04
9-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(22,555)	0.82	\$	18,522.80
9-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	52,000	0.83	\$	43,160.00
9-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(396,694)	0.83	\$	328,794.27
9-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	60,266	0.83	\$	50,020.78
9-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow Return	(343,691)	-	\$	-
9-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow Return	(211,891)	-	\$	-
9-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(100,000)	-	\$	-
10-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(45,000)	0.82	\$	36,900.00
10-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	469,708	0.81	\$	379,363.42

TRADES FOR RELEVANT PERIOD				Appendix			
10-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,683)	0.80	\$	4,560.27
13-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,107)	0.83	\$	916.04
13-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(78,986)	0.80	\$	63,103.73
13-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,872	0.80	\$	2,283.24
13-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	31,482	0.83	\$	25,972.65
13-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(435,326)	0.83	\$	360,015.91
13-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,175)	0.83	\$	6,757.73
13-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,003)	0.81	\$	9,692.03
14-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(31,602)	0.83	\$	26,071.65
14-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(16,082)	0.76	\$	12,197.10
14-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(169,954)	0.78	\$	133,070.75
14-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(19,871)	0.75	\$	14,805.19
14-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	167,597	0.75	\$	125,455.57
14-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,638	0.79	\$	6,780.83
14-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(11,352)	0.77	\$	8,697.68
14-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	8,850,000	-	\$	-
15-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(281)	0.76	\$	212.16
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(49,800)	0.74	\$	36,852.00
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,847	0.76	\$	2,149.49
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	10,714	0.76	\$	8,089.07
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	66,353	0.72	\$	47,530.51
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	45,000	0.74	\$	33,300.00
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,714	0.74	\$	1,994.79
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(20,563)	0.75	\$	15,424.82
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,253)	0.73	\$	2,358.43
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(507,192)	0.75	\$	379,257.89
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	59,660	0.75	\$	44,901.31
15-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(13,561)	0.76	\$	10,238.56
15-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,600,000	-	\$	-
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(111,353)	0.76	\$	84,071.52
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,801)	0.77	\$	3,696.77
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(491)	0.83	\$	405.97
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,500)	0.81	\$	6,037.50
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,637)	0.83	\$	7,172.70
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	106,294	0.82	\$	86,669.47
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	7,500	0.78	\$	5,850.00
16-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(379,841)	0.78	\$	294,431.85
17-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	7,400	0.82	\$	6,031.00
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(36,758)	0.84	\$	30,876.72
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(47,784)	0.79	\$	37,690.06
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(449,797)	0.79	\$	355,795.72
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	60,798	0.78	\$	47,562.94
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,618,548	0.81	\$	1,302,931.14
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	326,765	0.81	\$	263,045.83
17-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	26,404	0.82	\$	21,519.26
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(450,000)	0.80	\$	361,104.75
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	122,522	0.80	\$	97,950.95
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,000)	0.80	\$	4,000.00
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(61,987)	0.80	\$	49,564.68
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,223)	0.80	\$	1,771.82
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,000	0.79	\$	3,925.00
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,318)	0.81	\$	6,773.13
17-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	157,655	0.82	\$	128,488.83
17-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Borrow	200,000	-	\$	-
17-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	305,000	-	\$	-
17-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	6,636,141	-	\$	-
17-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	30,880	-	\$	-
17-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	471,538	-	\$	-
17-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	6,700,000	-	\$	-
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(9,810)	0.82	\$	7,995.15
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(63,738)	0.80	\$	50,990.40
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,416)	0.79	\$	3,480.20
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(224,834)	0.78	\$	176,463.44
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	137,080	0.78	\$	107,468.80
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(47,924)	0.78	\$	37,380.72
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,345)	0.79	\$	6,615.89
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(39,653)	0.79	\$	31,325.87
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,172	0.79	\$	2,505.88
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,913	0.79	\$	3,103.80
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,043	0.79	\$	825.65
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,137	0.79	\$	13,500.39
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	37,464	0.79	\$	29,530.36
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,156	0.79	\$	4,060.35
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,956)	0.79	\$	3,925.18
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	47,221	0.80	\$	37,540.70
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(36,477)	0.82	\$	29,728.76
20-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	27,146	0.82	\$	22,123.99
20-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	770,500	-	\$	-
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	142,103	0.79	\$	112,261.37
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(15,860)	0.79	\$	12,582.36
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	19,826	0.83	\$	16,356.45
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,776)	0.82	\$	3,084.32
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(236,017)	0.83	\$	194,714.03
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,808)	0.83	\$	10,566.60
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	9,913	0.83	\$	8,178.23
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	351	0.83	\$	290.57
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	77,230	0.82	\$	63,311.61
21-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	78	0.83	\$	64.55
21-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(546,840)	-	\$	-
21-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(30,180)	-	\$	-
21-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(441,720)	-	\$	-
21-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(839,285)	-	\$	-
21-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(3,504,000)	-	\$	-
21-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	744,850	-	\$	-
21-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(1,600,000)	-	\$	-
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,582	0.82	\$	1,297.24
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(22,799)	0.83	\$	18,809.18
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(67)	0.82	\$	54.94
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,966)	0.82	\$	3,252.12
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(84)	0.82	\$	68.88
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,949)	0.82	\$	4,878.18
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	59,480	0.82	\$	48,773.60
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(13,256)	0.82	\$	10,853.81
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,879)	0.84	\$	1,583.06
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,077)	0.84	\$	2,599.55
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	91,359	0.85	\$	77,228.14
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(45,000)	0.81	\$	36,497.21
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	150,000	0.84	\$	126,000.00

TRADES FOR RELEVANT PERIOD				Appendix			
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,300)	0.82	\$	3,523.52
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,231)	0.84	\$	4,394.04
22-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(35,726)	0.85	\$	30,353.45
22-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	221,048	-	\$	-
22-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	30,000	-	\$	-
22-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(749,343)	-	\$	-
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(31,502)	0.82	\$	25,831.64
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	736	0.83	\$	610.88
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	40,900	0.83	\$	33,947.00
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	31,502	0.84	\$	26,461.68
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(17,132)	0.83	\$	14,185.12
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(56,605)	0.83	\$	46,889.15
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,114)	0.83	\$	10,054.62
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,098)	0.83	\$	3,401.34
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	791	0.83	\$	656.53
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,552)	0.83	\$	2,948.16
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	12,141	0.83	\$	10,064.69
23-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	197	0.83	\$	162.53
23-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	30,180	-	\$	-
23-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	148,892	-	\$	-
23-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(137,833)	-	\$	-
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(26,980)	0.86	\$	23,067.90
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,784)	0.86	\$	5,834.24
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	26,980	0.85	\$	22,798.10
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(421)	0.86	\$	360.60
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	600	0.86	\$	516.00
24-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(28,310)	0.86	\$	24,205.05
24-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(52,518)	0.86	\$	44,902.89
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	19,762	0.86	\$	16,896.51
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,723	0.86	\$	5,748.17
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	25,366	0.85	\$	21,450.28
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,976	0.83	\$	1,640.08
24-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(197)	0.83	\$	163.51
24-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(12,943)	-	\$	-
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(21,023)	0.84	\$	17,658.21
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,709)	0.84	\$	3,941.54
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(82,396)	0.83	\$	68,166.71
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,461	0.85	\$	14,841.85
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(66,010)	0.85	\$	56,108.50
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	220,930	0.84	\$	185,022.03
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,210	0.84	\$	6,916.88
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	198	0.83	\$	163.35
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,362)	0.85	\$	2,857.70
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	988	0.84	\$	827.45
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	988	0.84	\$	824.98
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	11,858	0.85	\$	10,079.30
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	32,036	0.85	\$	27,230.60
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(78,950)	0.85	\$	67,107.50
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	44,095	0.85	\$	37,480.75
29-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	253	0.86	\$	216.32
29-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	76,000	-	\$	-
29-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(12,620)	-	\$	-
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(91,325)	0.85	\$	77,626.25
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(139)	0.83	\$	115.37
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,142	0.83	\$	4,267.86
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	39,728	0.83	\$	32,974.24
30-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Buy	32,820	0.83	\$	27,240.60
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	144,559	0.82	\$	118,981.74
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,294	0.82	\$	1,870.41
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,953	0.82	\$	3,251.34
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,976	0.84	\$	1,654.90
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,951)	0.84	\$	3,318.84
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,952)	0.84	\$	3,319.68
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,054)	0.82	\$	5,814.13
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,993)	0.82	\$	10,607.91
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,800	0.80	\$	5,440.00
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	50,568	0.83	\$	41,718.60
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(452,231)	0.82	\$	371,761.02
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	91,325	0.83	\$	75,635.09
30-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,894)	0.83	\$	2,402.02
30-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	30,880	-	\$	-
30-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(3,400,000)	-	\$	-
30-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(30,880)	-	\$	-
30-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(471,538)	-	\$	-
30-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(719,287)	-	\$	-
30-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(272,902)	-	\$	-
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(456)	0.83	\$	378.48
31-Dec-21	J.P. MORGAN SECURITIES PLC	Equity	Sell	(55,918)	0.88	\$	49,207.84
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(14,881)	0.86	\$	12,804.46
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	64,378	0.88	\$	56,652.64
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(10,674)	0.88	\$	9,393.12
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,916)	0.88	\$	6,086.08
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	12,846	0.88	\$	11,304.48
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,814	0.88	\$	1,596.32
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(988)	0.88	\$	866.97
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,034	0.85	\$	2,582.87
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(923)	0.84	\$	771.70
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,965	0.83	\$	2,463.43
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	100,913	0.88	\$	88,803.44
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(333)	0.88	\$	293.04
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,563)	0.88	\$	7,535.44
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	8,563	0.88	\$	7,535.44
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5)	0.88	\$	4.40
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	880,406	0.83	\$	730,736.98
31-Dec-21	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(880,406)	0.83	\$	730,736.98
31-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	896,876	-	\$	-
31-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	996,326	-	\$	-
31-Dec-21	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(11,880)	-	\$	-
3-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	31,000	-	\$	-
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	565	0.95	\$	534.09
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,228	0.95	\$	1,160.46
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(25,811)	0.88	\$	22,713.68
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(69,781)	0.94	\$	65,804.53
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	25,811	0.93	\$	23,891.23
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	113,800	0.95	\$	107,541.00
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,001)	0.94	\$	4,698.06
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(55,574)	0.95	\$	52,517.43
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	24,617	0.95	\$	23,263.07

TRADES FOR RELEVANT PERIOD				Appendix			
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	42,285	0.94	\$	39,941.52
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	282,392	0.94	\$	265,534.33
4-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,892	0.94	\$	3,658.48
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,284)	0.95	\$	4,993.38
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	198	0.92	\$	182.16
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,716)	0.92	\$	1,578.72
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	11,276	0.93	\$	10,486.68
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,311)	0.94	\$	2,164.96
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	295,636	0.93	\$	275,502.30
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(39,520)	0.92	\$	36,358.40
5-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,741)	0.92	\$	6,184.87
5-Jan-22	J.P. MORGAN SECURITIES PLC	Equity	Borrow Return	(200,000)	-	\$	-
5-Jan-22	J.P. MORGAN SECURITIES PLC	Equity	Borrow Return	(111,069)	-	\$	-
5-Jan-22	J.P. MORGAN SECURITIES PLC	Equity	Borrow Return	(303,355)	-	\$	-
5-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	147,407	-	\$	-
5-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	322,593	-	\$	-
5-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(2,626,839)	-	\$	-
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	715	0.94	\$	674.66
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	29,330	0.95	\$	27,863.50
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12,209)	0.95	\$	11,598.55
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,587)	0.95	\$	1,500.27
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(30,864)	0.95	\$	29,380.18
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	251,286	0.95	\$	239,600.70
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,070)	0.94	\$	6,680.54
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(230,612)	0.94	\$	215,622.22
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(28,172)	0.94	\$	26,340.82
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(681)	0.94	\$	636.74
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,572)	0.94	\$	6,144.82
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,982)	0.94	\$	23,432.72
6-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,455	0.95	\$	1,384.71
6-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	175,000	-	\$	-
6-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(3,236,141)	-	\$	-
6-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	471,538	-	\$	-
6-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	4,221,961	-	\$	-
6-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	378,039	-	\$	-
6-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	219,212	-	\$	-
6-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(501,300)	-	\$	-
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(37,253)	0.94	\$	34,831.56
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(448,419)	0.90	\$	404,977.96
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	37,253	0.92	\$	34,295.37
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	61,772	0.91	\$	55,973.89
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(895)	0.91	\$	817.99
7-Jan-22	J.P. MORGAN SECURITIES PLC	Equity	Sell	(237,699)	0.92	\$	217,494.59
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	5,930	0.92	\$	5,425.95
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(40,784)	0.91	\$	37,225.80
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	48,162	0.92	\$	44,150.35
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,170	0.92	\$	2,908.48
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,951	0.91	\$	3,595.41
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,458)	0.94	\$	4,168.23
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	568	0.94	\$	531.08
7-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	115	0.94	\$	107.53
7-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	170,000	-	\$	-
7-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(225,862)	-	\$	-
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(79,683)	0.92	\$	72,909.95
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(49,400)	0.94	\$	46,436.00
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(47,868)	0.94	\$	45,127.13
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,337)	0.94	\$	2,202.62
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(44,257)	0.94	\$	41,431.28
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,530)	0.94	\$	5,198.19
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(11,088)	0.94	\$	10,422.72
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	196	0.95	\$	185.22
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,138)	0.94	\$	4,829.72
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	369,797	0.94	\$	348,513.33
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(137,240)	0.94	\$	128,864.38
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	117,393	0.95	\$	111,320.49
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	20,000	0.94	\$	18,895.62
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(518)	0.94	\$	489.04
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,815	0.94	\$	6,406.10
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	16,053	0.94	\$	15,128.23
10-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(432)	0.95	\$	408.24
10-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	500,000	-	\$	-
10-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(825,500)	-	\$	-
10-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	289,000	-	\$	-
10-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	986,386	-	\$	-
10-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,131,067	-	\$	-
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(19,760)	0.92	\$	18,179.20
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(34,315)	0.92	\$	31,587.40
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,884)	0.92	\$	5,427.99
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,151)	0.92	\$	3,818.92
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(24,801)	0.94	\$	23,213.79
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(13,831)	0.95	\$	13,166.13
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(39,550)	0.93	\$	36,715.85
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,951)	0.93	\$	3,669.49
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(523)	0.93	\$	486.39
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(207,320)	0.93	\$	192,846.99
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,000	0.93	\$	2,790.00
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,127	0.96	\$	16,356.29
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	118,366	0.95	\$	112,158.53
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	49,074	0.93	\$	45,831.34
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	394	0.94	\$	370.36
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(9,687)	0.93	\$	8,960.48
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,581	0.93	\$	1,462.43
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,557)	0.94	\$	8,022.19
11-Jan-22	J.P. MORGAN SECURITIES PLC	Equity	On-Lend Return	(759,672)	-	\$	-
11-Jan-22	J.P. MORGAN SECURITIES LLC	Equity	On-Lend	1,085,705	-	\$	-
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Adjustment	3,248,199	-	\$	-
11-Jan-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Adjustment	4,273	-	\$	-
11-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	2,767,222	-	\$	-
11-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	831,753	-	\$	-
11-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	1,808,205	-	\$	-
11-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	7,360,042	-	\$	-
11-Jan-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(40,664)	-	\$	-
Balance at end of relevant period				135,561,437			

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Exclusive Securities Lending Agreement dated November 17, 2020 to the Global Master Securities Lending Agreement
Parties to agreement	SFT ("lending agent") - CALIFORNIA STATE TEACHERS' RETIREMENT SYSTEM ("lender") and J.P. Morgan Securities Plc ("borrower")
Transfer date	Settlement Date 27-Sep-21 13-Oct-21
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower shall have no obligation to arrange for voting rights to be exercised in accordance with the instructions of the other party, unless otherwise agreed between the parties.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Overseas Securities Lending Agreement ("OSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Barclays Capital Securities Limited (Borrower)
Transfer date	<u>Settlement Date</u> 24-Dec-2021 29-Dec-2021
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and BNP Paribas Arbitrage Snc (Borrower)
Transfer date	<u>Settlement Date</u> 03-Dec-2021 21-Dec-2021 23-Dec-2021 31-Dec-2021 04-Jan-2022 06-Jan-2022 07-Jan-2022 10-Jan-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Australian Master Securities Lending Agreement ("AMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Credit Suisse Equities (Australia) Limited (Borrower)
Transfer date	Settlement Date 24-Nov-2021 26-Nov-2021 02-Dec-2021 13-Jan-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4.3 of the standard form AMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Overseas Securities Lending Agreement ("OSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Credit Suisse AG, Dublin Branch (Borrower)
Transfer date	<u>Settlement Date</u> 29-Nov-2021 02-Dec-2021 03-Dec-2021 13-Jan-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Overseas Securities Lending Agreement ("OSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Deutsche Bank AG, London Branch (Borrower)
Transfer date	<u>Settlement Date</u> 01-Nov-2021
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Merrill Lynch International (Borrower)
Transfer date	<u>Settlement Date</u> 12-Oct-2021 01-Nov-2021 01-Dec-2021 16-Dec-2021 07-Jan-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Australian Master Securities Lending Agreement ("AMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Merrill Lynch Equities (Australia) Limited (Borrower)
Transfer date	<u>Settlement Date</u> 11-Jan-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4.3 of the standard form AMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	13-Jan-22
Company's name:	Paladin Energy Ltd
ISIN:	AU000000PDN8
Date of change of relevant interests:	11-Jan-22
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Morgan Stanley & Co. International Plc (Borrower)
Transfer date	<u>Settlement Date</u> 21-Dec-2021 05-Jan-2022 10-Jan-2022 12-Jan-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

CONFIRMATION

Attention: [REDACTED]

Date: 3rd June 2021

Dear Sir/Madam,

Re: Share Call Spread Transaction

The purpose of this letter agreement (this "**Confirmation**") is to set out the terms and conditions of the Transaction entered into between J.P. Morgan Securities Plc ("**Party A**") and [REDACTED] ("**Party B**") on the Trade Date specified below (the "**Transaction**").

The definitions and provisions contained in the 2006 ISDA Definitions as amended and supplemented as at the date hereof (the "**2006 Definitions**") and the 2002 ISDA Equity Derivatives Definitions (the "**Equity Definitions**", and together with the 2006 Definitions, the "**Definitions**"), in each case as published by the International Swaps and Derivatives Association, Inc. ("**ISDA**") are incorporated into this Confirmation. References herein to a 'Transaction' shall be deemed references to a 'Swap Transaction' for the purposes of the 2006 Definitions and a 'Share Option Transaction' for the purposes of the Equity Definitions. In the event of any inconsistency between the 2006 Definitions and the Equity Definitions, the Equity Definitions will govern. In the event of any inconsistency between the Definitions and this Confirmation, this Confirmation will govern.

This Confirmation evidences a complete binding agreement between you and us as to the terms of the Transaction to which this Confirmation relates. In addition you and we agree to use all reasonable efforts promptly to negotiate, execute and deliver an agreement in the form of the ISDA 2002 Master Agreement (the "**ISDA Form**"), with such modifications as you and we will in good faith agree. Upon the execution by you and us of such an agreement, this Confirmation will supplement, form a part of, and be subject to that agreement. All provisions contained in or incorporated by reference in that agreement upon its execution will govern this Confirmation except as expressly modified below. Until we execute and deliver that agreement, this Confirmation, together with all other documents referring to the ISDA Form (each a Confirmation) confirming transactions (each a "Transaction") entered into between us (notwithstanding anything to the contrary in a Confirmation), shall supplement, form a part of, and be subject to an agreement in the form of the ISDA Form as if we had executed an agreement in such form (but without any Schedule, except for (a) the election of English law as the governing law, (b) the election of USD as the Termination Currency and (c) the further amendments and elections set out below (the "Agreement"). In the event of any inconsistency between the provisions of the Agreement and this Confirmation, this Confirmation will prevail for the purpose of this Transaction. The Agreement (including any non-contractual obligations arising out of or in connection with it) and this Confirmation will be governed by and construed in accordance with English law. The courts of England are to have exclusive jurisdiction to settle any dispute, whether contractual or non-contractual, arising out of or in connection with the Agreement and this Confirmation. Any proceeding, suit or action arising out of or in connection with the Agreement or this Confirmation or the negotiation, existence, validity or enforceability of the Agreement or this Confirmation ("**Proceedings**") shall be brought only in the courts of England. Each party irrevocably submits and agrees to submit to the jurisdiction of the courts of England.

1. TRANSACTION DETAILS

The terms of the particular Transaction to which this Confirmation relates are as follows:

General Terms

CONFIRMATION

Trade Date:	2 rd June 2021
Component:	This Transaction is divided into individual components (each a “ Component ”), each with the terms set forth in this Confirmation, and, in particular, with the Number of Options and the Expiration Date set forth in this Confirmation. To the extent expressly provided for in this Confirmation, the exercise of rights under, and the payments and deliveries required to be made upon settlement of, the Transaction will be determined separately for each Component as if each Component were a separate Transaction under the Agreement. For all other purposes under the Agreement (including, without limitation, Sections 2(c), 5 and 6 of the Agreement), the Components, together, will be treated as one Transaction.
Option Style:	European
Option Type:	Call Spread
	Where: “ Call Spread ” means Option Transaction that, subject to exercise or deemed exercise, entitles the Buyer to receive from the Seller an Option Cash Settlement Amount that will be determined by reference to the excess (if any) of the Settlement Price (subject to a maximum of the Upper Strike Price) over the Lower Strike Price, as provided in “Settlement Terms” hereunder.
Seller:	Party A
Buyer:	Party B
Shares:	Ordinary shares in Paladin Energy Limited
Total Number of Options:	66,210,310
Number of Options:	In respect of each Component of the Transaction, as provided in Appendix 1 to this Confirmation
Share Reference Price:	A\$0.525
Notional Amount:	A\$34,760,412.75 (<i>Total Number of Options * Share Reference Price</i>)
Lower Strike Price:	In respect of each Component of the Transaction, as provided in Appendix 1 to this Confirmation
Upper Strike Price:	In respect of each Component of the Transaction, as provided in Appendix 1 to this Confirmation

CONFIRMATION

Premium: [REDACTED]

Premium Payment Date: [REDACTED]

Exchange: Australian Securities Exchange

Related Exchange(s): All Exchanges

Procedure for Exercise:

Expiration Time: The Valuation Time

Multiple Exercise: Not Applicable

Expiration Date: As provided in Appendix 1 to this Confirmation for that Component (or if such date is not a Scheduled Trading Day, the next following Scheduled Trading Day)

Automatic Exercise: Applicable

Seller's Contact Details for Purpose of Giving Notice: Address: Level 18, 85 Castlereagh Street, NSW, 2000

Attention: DSG Sydney

Telephone No.: +612 9003 7955

Email: DSG_Sydney@jpmorgan.com

Valuation

In respect of each Component

Valuation Time: As provided in Section 6.1 of the Equity Definitions

Valuation Date: The Expiration Date

Settlement Terms

In respect of each Component

Cash Settlement: Applicable

Settlement Currency: AUD

Settlement Price: On any Valuation Date, an amount that is equal to the volume-weighted average price per Share that would be realized by Party A or any of its affiliates acting in a commercially reasonable manner in terminating or liquidating any applicable Hedge Positions.

CONFIRMATION

Dividend Adjustments:

The parties have assumed that no dividends shall be declared or paid by the Issuer to holders of Shares at any time during the period between the Trade Date and the final Expiration Date. If any Actual Dividend (as defined below) is declared on the Shares with respect to which the Ex-Dividend Date falls on a date falling between the Trade Date and the Expiration Date, then Party A shall pay to Party B an amount calculated in accordance with the following formula within one Business Day of Party A notifying the Party B of such amount:

*Total Number of Options * Actual Dividend *
Prevailing Delta*

where:

“**Actual Dividend**” means 100% of the declared dividend per Share (after deduction for or on account of withholding tax as determined by Party A with reference to Shares, if any) paid by the Issuer to holders of record of a Share;

“**Prevailing Delta**” means the prevailing net delta of the Transaction, expressed as a percentage as determined by the Calculation Agent at the Scheduled Closing Time of the Exchange on the Scheduled Trading Day prior to the Ex-Dividend Date from proprietary models based on well recognised financial principles; and

“**Ex-Dividend Date**” means, in respect of an Actual Dividend, the date on which the Shares commence trading ex-dividend on the Exchange in respect of such Actual Dividend.

Cash Settlement Payment Date:

The second Currency Business Day after the final Valuation Date.

Option Cash Settlement Amount:

Means an amount in the Settlement Currency equal to the Number of Options multiplied by the Strike Price Differential.

Strike Price Differential:

In respect of each Valuation Date, means:

- (a) if the Settlement Price is less than or equal to the Upper Strike Price and is greater than or equal to the Lower Strike Price, an amount equal to the excess of the Settlement Price over the Lower Strike Price; or
- (b) if the Settlement Price is greater than the Upper Strike Price, an amount equal to the excess of the Upper Strike Price over the Lower Strike Price; or

CONFIRMATION

(c) if the Settlement Price is less than or equal to the Lower Strike Price, zero.

Adjustments:

Method of Adjustment:

Calculation Agent Adjustment.

Extraordinary Events

Consequences of Merger Events:

Share-for-Share:

Modified Calculation Agent Adjustment

Share-for-Other:

Modified Calculation Agent Adjustment

Share-for-Combined:

Modified Calculation Agent Adjustment

Determining Party:

Party A

Tender Offer:

Applicable

Consequences of Tender Offers:

Share-for-Share:

Modified Calculation Agent Adjustment

Share-for-Other:

Modified Calculation Agent Adjustment

Share-for-Combined:

Modified Calculation Agent Adjustment

Determining Party:

Party A

Amendments in respect of Merger Events and

Tender Offers:

(i) Section 12.1(b) of the Equity Definitions shall be amended by replacing the words “Merger Date” in the fourth last line thereof with the words “Merger Event Date”;

(ii) Sections 12.2(b) and 12.2(e) of the Equity Definitions shall be amended by replacing the words “Merger Date” each time they appear with the words “Merger Event Date”; and

(iii) Sections 12.3(a) and 12.3(d) of the Equity Definitions shall be amended by replacing the words “Tender Offer Date” each time they appear with the words “Tender Offer Event Date”.

Where:

“**Merger Event Date**” means, in respect of a Merger Event, the date of the occurrence of such Merger Event, which shall be deemed to be the Announcement Date or such other date as the Calculation Agent determines is

CONFIRMATION

commercially reasonable in the circumstances;
and

“**Tender Offer Event Date**” means, in respect of a Tender Offer, the date of the occurrence of such Tender Offer, which shall be deemed to be the Announcement Date or such other date as the Calculation Agent determines is commercially reasonable in the circumstances.

Composition of Combined Consideration:

Not Applicable

Nationalization, Insolvency or Delisting:

Cancellation and Payment (Calculation Agent Determination)

Additional Disruption Events:

(a) Change in Law:

Applicable; provided that (a) Section 12.9(a)(ii)(B) of the Equity Definitions is replaced in its entirety as follows: "(B) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable law or regulation (including any action taken by a taxing authority), the Calculation Agent determines in good faith that it has become illegal to hold, acquire or dispose of Hedge Positions relating to such Transaction"

(b) Failure to Deliver:

Not Applicable

(c) Insolvency Filing:

Not Applicable

(d) Hedging Disruption:

Applicable

(e) Loss of Stock Borrow:

Not Applicable

(f) Increased Cost of Stock Borrow:

Not Applicable

(g) Increased Cost of Hedging:

Applicable

Hedging Party:

Party A

Hedge Positions:

Means any purchase, sale, entry into, unwind, termination or maintenance of one or more securities positions, futures positions, currency positions, stock loan transactions, derivatives positions or other instruments or arrangements (howsoever described) by Party A or any of its affiliates in order to hedge, individually or on a portfolio basis, this Transaction in a consistent manner with other transactions of the same type with materially similar terms.

CONFIRMATION

Determining Party: Party A

Calculation Agent: Party A

Account Details:

Account for payments to Party B:

Pay:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Ref:

[REDACTED]

Offices:

(A) The Office of Party A for the Transaction is: London

(B) The Office of Party B for the Transaction is: [REDACTED]

Other Provisions:

(a) Time of Dealing: The time of dealing will be confirmed by Party A upon written request.

(b) Agreements and Acknowledgements Regarding Hedging Activities: Applicable

(c) Additional Acknowledgements: Applicable

The definition of Hedge Positions in Section 13.2(b) of the Equity Definitions is hereby amended by adding the words "or any of its affiliates" after the words "a party" in the third line thereof.

2. DOCUMENTS TO BE DELIVERED

For the purpose of Section 4(a) (i) and 4(a)(ii) of the Agreement, each party agrees to deliver the following documents, as applicable:

Tax forms, documents or certificates to be delivered are:

Party required to deliver	Form/Document Certificate	Date by which to be delivered
Party B	U.S. Internal Revenue Service Form W-9, Form W-8EXP, Form W-8BEN-E and/or Form W-8ECI from Party B (or, where Party B is not the beneficial owner for U.S. federal income tax purposes, from each beneficial owner of Party B together with	As soon as reasonably practicable after execution of this Confirmation and in any event no later than the date upon which any payment is due to be made hereunder; thereafter, as soon as

CONFIRMATION

	Form W-8IMY, with the allocation statement required to be delivered in connection therewith, from Party B, as relevant.)	reasonably practicable after reasonable demand by Party A and as soon as reasonably practicable after any form previously provided by Party B becoming obsolete or incorrect or having expired.
--	--	---

Other documents to be delivered are:

Party required to deliver	Form/Document Certificate	Date by which to be delivered	Covered by Section 3(d) Representations
Party A and Party B	Evidence reasonably satisfactory to the other party of the incumbency, authority and specimen signature of each person executing this Confirmation on its behalf	Within five Business Days of execution of this Confirmation	Yes

3. NOTICE DETAILS

For the purposes of Section 12(a) of the Agreement:

Address for notices or communications to Party A:

J.P. Morgan Securities plc
25 Bank Street, 23rd Floor
London E14 5JP, England
Attention: Legal Department - Derivatives Practice Group
Facsimile No.: +44 20 3493 0687

Any notices delivered to Party A for the purposes of the EMIR Protocol shall be delivered to the following addresses:

Portfolio Data: portfolio.reconciliation@jpmorgan.com
Notice of a discrepancy: portfolio.reconciliation@jpmorgan.com
Dispute Notice: risk.valuation@jpmorgan.com

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

4. **ADDITIONAL REPRESENTATIONS**

4.1 Each party represents to the other party on the Trade Date of this Transaction that (absent a written agreement between the parties that expressly imposes affirmative obligations to the contrary for this Transaction):-

4.1.1 ***Non-Reliance.*** It is acting for its own account, and it has made its own independent decisions to enter into this Transaction and as to whether this Transaction is appropriate or proper for it based upon its own judgement and upon advice from such advisers as it has deemed necessary. It is not relying, and has not relied, on any communication (written or oral) of the other party as investment advice or as a recommendation to enter into this Transaction; it being understood that information and explanations related to the terms and conditions of this Transaction shall not be considered investment advice or a recommendation to enter into this Transaction. No communication (written or oral) received from the other party shall be deemed to be an assurance or guarantee as to the expected results of this Transaction.

4.1.2 ***Assessment and Understanding.*** It is capable of assessing the merits of and understanding (on its own behalf or through independent professional advice), and understands and accepts, the terms, conditions and risks of this Transaction. It is also capable of assuming, and assumes, the risks of this Transaction.

4.1.3 ***Status of Parties.*** The other party is not acting as a fiduciary for or an adviser to it in respect of this Transaction.

4.1.4 ***Open Market Transactions.*** It understands and acknowledges that the other party may, either in connection with entering into a Transaction or from time to time thereafter, engage in open market transactions that are designed to hedge or reduce the risks incurred by it in connection with such Transaction and that the effect of such open market transactions may be to affect or reduce the value of such Transaction.

4.2 **Retail Client.** Each party represents that it is not a retail client as defined in the Rules of The Financial Conduct Authority.

CONFIRMATION

- 4.3 **Non-Public Information.** Party B represents, warrants and covenants to Party A that, on the Trade Date and on any date on which Party B takes any action under or in connection with the Transaction, that Party B is not in possession of any material non-public information regarding the Share(s) or the Issuer(s).

5. ADDITIONAL PROVISIONS

- 5.1 **Incorporation of 2002 ISDA Master Agreement Protocol.** The definitions and provisions contained in section 6 of, and the annexes to, the 2002 Master Agreement Protocol as published by ISDA on 15 July 2003 are incorporated in this Confirmation. References in those definitions and provisions to any "2002 Master" will be deemed to be references to the Agreement.

- 5.2 **Incorporation of the ISDA Benchmarks Supplement.** In respect of a Transaction or a Swap Transaction (as each such term is defined in the relevant Definitions) where the parties have incorporated the FX Definitions, the 2002 ISDA Equity Derivatives Definitions, the 2005 ISDA Commodity Definitions and/or the 2006 Definitions (together, the "Product Definitions"), as amended and supplemented from time to time, the parties agree that the ISDA Benchmarks Supplement as published by the International Swaps and Derivatives Association, Inc. on 19 September 2018 is hereby incorporated and supplements the relevant Product Definitions with respect to any Transaction or Swap Transaction entered into on or after the date of this Agreement. Any notices delivered for the purposes of the ISDA Benchmarks Supplement shall be delivered to the following addresses:

Party A:

General notices: EU.Benchmark@jpmorgan.com

Amendments and modifications: EU.Benchmark@jpmorgan.com

██████████

████████████████████

██

██ :

██

- 5.3 **Consent to Disclosure.** Party B hereby consents to the communication and disclosure of all information in respect of this Agreement, the Transactions and all matters incidental hereto and thereto by Party A to (a) all other branches and affiliates of Party A, (b) all government and regulatory authorities as and when required by such government and regulatory authorities; and (c) where Party A considers it necessary or desirable for the purposes of any Transaction under this Agreement

- 5.4 **Recording of Conversations.** Each party (i) consents to the recording of telephone conversations between the trading, marketing and other relevant personnel of the parties and their Affiliates in connection with the Agreement or this Transaction, (ii) agrees to obtain any necessary consent of, and give any necessary notice of such recording to, its relevant personnel and (iii) agrees, to the extent permitted by applicable law, that recordings may be submitted in evidence in any Proceedings.

CONFIRMATION

- 5.5 **Wall Street Transparency and Accountability Act.** In connection with Section 739 of the Wall Street Transparency and Accountability Act of 2010 (the "WSTAA"), the parties hereby agree to specifically reserve their respective rights under any Transaction hereunder, the Equity Definitions or the Agreement.
- 5.6 **Hedge Positions.** The definition of Hedge Positions in Section 13.2(b) of the Equity Definitions is hereby amended by adding the words "or any of its affiliates" after the words "a party" in the third line thereof
- 5.7 **No right to shares.** Party B understands, acknowledges and agrees that it is an express term of this Transaction that (a) it does not acquire any interest in or right to acquire Shares by virtue of this Transaction, as such Transaction can only be settled in cash, (b) neither Party A nor any of its Affiliates is obliged to sell, purchase, hold, deliver or receive any Shares, (c) its and Party A's primary right and obligation under this Transaction is to receive or make payments in accordance with the terms of this Transaction, as the case may be, (d) it will not in any way have any rights with respect to any Shares, including, without limitation, any voting rights, (e) to the extent that any investment in any Shares is made by Party A or any of its Affiliates, such investment will be on its own behalf only, and Party B agrees and acknowledges that Party B will have no legal or equitable rights as a third party beneficiary or otherwise in respect of such Shares by reason of such investment that Party A or any of its Affiliates may make in such Shares and Party B irrevocably and completely waives to the extent permitted by law any such rights which may be granted by the operation of law or otherwise, and (f) this Transaction will not create a direct or indirect right of the Party B in respect of any such Shares that may be held by Party A or its Affiliates including without limitation any right to vote any such Shares, it being understood that any and all such rights arising from an investment in such Shares by Party A or any of its Affiliates in connection with this Transaction will not be exercised in consultation with or on behalf of the Party B.
6. **EMIR**
- Reference is made to the ISDA 2013 EMIR Portfolio Reconciliation, Dispute Resolution and Disclosure Protocol published by ISDA on 19 July 2013 (the "**EMIR Protocol**"). The parties agree that the text set out in the attachment to the EMIR Protocol shall be added to the Agreement as if it were a "Protocol Covered Agreement" within the meaning of the EMIR Protocol and that such text shall be construed subject to, and in accordance with, the following provisions:
- 6.1 Subject in each case to Part I(2)(a) of the Attachment to the EMIR Protocol, Party A shall be treated as if it had adhered to the EMIR Protocol as a Portfolio Data Sending Entity; Party B shall be treated as if it had adhered to the EMIR Protocol as a Portfolio Data Receiving Entity.
- 6.2 Clause (b) of the definition of "Dispute Date" shall be construed as if Party B had not specified any contact information for that purpose in its Adherence Letter and as if Party A had specified the details set out under the heading 'Dispute Notice' in paragraph 3 hereof as contact information.
- 6.3 "Adherence Letter" means this paragraph 6.
- 6.4 "Implementation Date" means the date of this Confirmation.
- 6.5 "Local Business Day" means, in respect of Party A, a day on which commercial banks and foreign exchange markets settle payments and are open for general business in London and, in respect of Party B, a day on which commercial banks and foreign exchange markets settle payments and are open for general business in [REDACTED]

7. US RESOLUTION STAY PROTOCOL

The parties acknowledge and agree that (i) to the extent that prior to the date hereof both parties have adhered to the 2018 ISDA U.S. Resolution Stay Protocol (the “Protocol”), the terms of the Protocol are incorporated into and form a part of this Agreement, and for such purposes this Agreement shall be deemed a Protocol Covered Agreement, the J.P. Morgan entity that is a party to this Agreement (“J.P. Morgan”) shall be deemed a Regulated Entity and the person or other entity that is a party to this Agreement (“Counterparty”) shall be deemed an Adhering Party; (ii) to the extent that prior to the date hereof the parties have executed a separate agreement the effect of which is to amend the qualified financial contracts between them to conform with the requirements of the QFC Stay Rules (the “Bilateral Agreement”), the terms of the Bilateral Agreement are incorporated into and form a part of this Agreement, and for such purposes this Agreement shall be deemed a Covered Agreement, J.P. Morgan shall be deemed a Covered Entity and Counterparty shall be deemed a Counterparty or Counterparty Entity, as the case may be; or (iii) if clause (i) and clause (ii) do not apply, the terms of Section 1 and Section 2 and the related defined terms (together, the “Bilateral Terms”) of the form of bilateral template entitled “Full-Length Omnibus (for use between U.S. G-SIBs and Corporate Groups)” published by ISDA on November 2, 2018 (currently available on the 2018 ISDA U.S. Resolution Stay Protocol page at www.isda.org and, a copy of which is available upon request), the effect of which is to amend the qualified financial contracts between the parties thereto to conform with the requirements of the QFC Stay Rules, are hereby incorporated into and form a part of this Agreement, and for such purposes this Agreement shall be deemed a “Covered Agreement,” J.P. Morgan shall be deemed a “Covered Entity” and Counterparty shall be deemed a “Counterparty Entity” (provided, however, that where Counterparty is a natural person, any reference inapplicable to natural persons, including but not limited to jurisdiction of incorporation or organizational documents, shall be disregarded). In the event that, after the date of this Agreement, both parties hereto become adhering parties to the Protocol, the terms of the Protocol will replace the terms of this paragraph. In the event of any inconsistencies between this Agreement and the terms of the Protocol, the Bilateral Agreement or the Bilateral Terms (each, the “QFC Stay Terms”), as applicable, the QFC Stay Terms will govern. Terms used in this paragraph without definition shall have the meanings assigned to them under the QFC Stay Rules. For purposes of this paragraph, references to “this Agreement” also include any confirmation entered into between the parties prior to the date hereof and any related credit enhancements entered into between the parties or provided by one to the other. In addition, the parties agree that the terms of this paragraph shall be incorporated into any related covered affiliate credit enhancements, with all references to J.P. Morgan replaced by references to the covered affiliate support provider.

“QFC Stay Rules” means the regulations codified at 12 C.F.R. 252.2, 252.81–8, 12 C.F.R. 382.1-7 and 12 C.F.R. 47.1-8, which, subject to limited exceptions, require an express recognition of the stay-and-transfer powers of the FDIC under the Federal Deposit Insurance Act and the Orderly Liquidation Authority under Title II of the Dodd Frank Wall Street Reform and Consumer Protection Act and the override of default rights related directly or indirectly to the entry of an affiliate into certain insolvency proceedings and any restrictions on the transfer of any covered affiliate credit enhancements.

8. TAX

8.1 FATCA Provisions

In respect of this Transaction, the Agreement is deemed to be amended as follows:

- (1) Payee Tax Representations. For the purpose of Section 3(f) of this Agreement, Party A and Party B each hereby make the following representations:

CONFIRMATION

- (a) Party A represents that it is a non-U.S. person for U.S. federal income tax purposes.
 - (b) Party B represents that it is a non-U.S. person for U.S. federal income tax purposes.
- (2) “Tax” as used in paragraph 8.1(1) above (Payer Tax Representations) and “Indemnifiable Tax” as defined in Section 14 of this Agreement shall not include any U.S. federal withholding tax imposed or collected pursuant to Sections 1471 through 1474 of the U.S. Internal Revenue Code of 1986, as amended (the “Code”), any current or future regulations or official interpretations thereof, any agreement entered into pursuant to Section 1471(b) of the Code, or any legislation, or fiscal or regulatory rules or practices adopted pursuant to any intergovernmental agreement entered into in connection with the implementation of such Sections of the Code (a "FATCA Withholding Tax"). For the avoidance of doubt, a FATCA Withholding Tax is a Tax the deduction or withholding of which is required by applicable law for the purposes of Section 2(d) of this Agreement

9. THIRD PARTIES RIGHTS

No person shall have any right to enforce any provision of the Agreement under the Contracts (Rights of Third Parties) Act 1999.

CONFIRMATION

10. COUNTERPARTS

This Confirmation may be executed in two or more counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same instrument.

Please confirm that the foregoing correctly sets forth the terms of our agreement by having an authorised officer sign this Confirmation and return it to us.

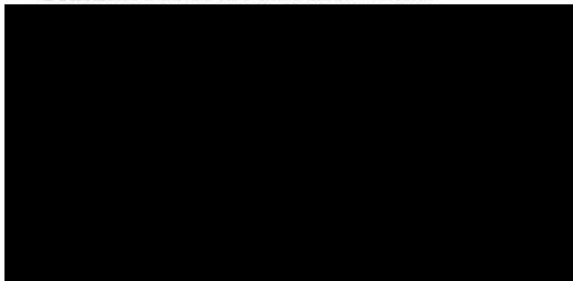
Yours faithfully

J.P. MORGAN SECURITIES PLC

Name:

Title:

Confirmed as of the date first written



CONFIRMATION

10. COUNTERPARTS

This Confirmation may be executed in two or more counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same instrument.

Please confirm that the foregoing correctly sets forth the terms of our agreement by having an authorised officer sign this Confirmation and return it to us.

Yours faithfully

J.P. MORGAN SECURITIES PLC



Confirmed as of the date first written.

Name:
Title:

For and on behalf of

[REDACTED]

[illegible]

