

# Form 603

## Corporations Act 2001 Section 671B

### Notice of initial substantial holder

To: Company Name/Scheme SpeedCast International Limited SDA.AX  
ABN/ACN/ARSN 50 600 699 241

#### 1. Details of substantial holder

Name Macquarie Group Limited ('MQG'); and  
its controlled bodies corporate listed in Annexure A  
( 'Macquarie Group Entities' )  
ABN/ACN/ARSN (if applicable) 122 169 279

The holder became a substantial holder on: 17 January 2019

#### 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	Number of securities	Person's votes	Voting power
'FPO'	12,193,440	12,193,440	5.09%

#### 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	Number of securities	Class
MACQUARIE BANK LIMITED	Pursuant to section 608 of the Corporations Act	10,281,700	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Pursuant to section 608 of the Corporations Act	1,774,955	FPO
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LTD	Pursuant to section 608 of the Corporations Act	41,124	FPO
MACQUARIE INVESTMENT MANAGEMENT LTD	Pursuant to section 608 of the Corporations Act	95,661	FPO

#### 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	Number of securities	Class
MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	10,281,700	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Northern Trust Corporation ( Singapore Branch )	Northern Trust Corporation ( Singapore Branch )	1,493,545	FPO
	National Nominees Limited	National Nominees Limited	15,891	FPO
	Bond Street Custodians Limited	Bond Street Custodians Limited	265,519	FPO
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LTD	Northern Trust Corporation ( Singapore Branch )	Northern Trust Corporation ( Singapore Branch )	41,124	FPO
MACQUARIE INVESTMENT MANAGEMENT LTD	Bond Street Custodians Limited	Bond Street Custodians Limited	95,661	FPO

#### 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	Number of securities	Class
See Annexure B				

6. Associates

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

Name and ACN (if applicable)	Nature of association
Macquarie Group Limited & Macquarie Group Entities	Controlled Bodies Corporate

7. Addresses

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

Name	Address
MACQUARIE BANK LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LTD	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT LTD	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE GROUP LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia

<b>Signature</b>	
Print name <u>Dennis Leong</u>	Capacity <u>Company Secretary</u>
Sign here	Date <u>22 January 2019</u>

## ANNEXURE 'A'

This is the annexure marked 'A' of 18 pages referred to in the Notice of initial substantial holder.

Dennis Leong  
Company Secretary, Macquarie Group Limited  
22 January 2019

### Controlled Bodies Corporate

ACN / Company No	Entity Name	Incorp Country
136 024 970	A.C.N. 136 024 970 PTY LTD	Australia
153 275 677	A.C.N. 153 275 677 Pty Ltd	Australia
154 402 927	A.C.N. 154 402 927 Pty Ltd	Australia
0113-01-020216	ACACIA RENEWABLES K.K.	Japan
651-88-00238	ACHIM SOLAR POWER CO., LTD.	Korea, Republic of
69930570	Adagia B.V.	Netherlands
9783406	Aerospace Finance 6771 UK Limited	United Kingdom
09812041	Aerospace Finance 6816 UK Limited	United Kingdom
9819666	Aerospace Finance 6818 UK Limited	United Kingdom
HRB 237758	AIF Business Solutions GmbH	Germany
595997	Alchemy Telco Solutions Limited	Ireland
	Alster & Thames Partners (USA) LLC	United States
286-87-01017	ARAN SOLAR COMPANY LIMITED	Korea, Republic of
20-3690322	AVENAL POWER CENTER, LLC	United States
	Battery Storage Holdings, LLC	United States
008604966	BELIKE NOMINEES PTY. LIMITED	Australia
	Bella Holdings LLC	United States
	Bella Property Owner LLC	United States
11431362	Bing TK Holdings Limited	United Kingdom
11431590	Bing TK Limited	United Kingdom
126708	Bing TK Topco Limited	Jersey
20-2937246	Blue Grass Abstract LLC	United States
46-5587770	Blueshine, LLC	United States
	Bluestone Equity Release Series 1 Warehouse Trust	Australia
30-0746347	Boketo LLC	United States
008607065	BOND STREET CUSTODIANS LIMITED	Australia
008606924	BOND STREET INVESTMENTS PTY. LIMITED	Australia
004680004	BOSTON AUSTRALIA PTY LIMITED	Australia
005008702	BOSTON LEASING PTY. LIMITED	Australia
88217	Bunhill Investments Unlimited	Jersey
002865830	BUTTONWOOD NOMINEES PTY LIMITED	Australia
0689555875	Cafasso Investco BVBA	Belgium
	Canadian Breaks Holdings, LLC	United States
	Canadian Breaks II LLC	United States
26-5600465	CANADIAN BREAKS LLC	United States
	Canadian Breaks SponsorCo, LLC	United States
	Candela Renewables Hamel DevCo, LLC	United States
04800336	Capital Meters Holdings Limited	United Kingdom
04800317	Capital Meters Limited	United Kingdom
	CBP Holdings LLC	United States
11425435	Chablis TK Holdings Limited	United Kingdom
10974030	CHAPTRE GreenCo Holdings Limited	United Kingdom
06373185	Cheeryble Developments Limited	United Kingdom
46527C1/GBL	CHINA PROPERTY INVESTMENTS LIMITED	Mauritius
	CityPark I, LLC	United States
	CityPark II, LLC	United States
	CityPark III, LLC	United States
	CityPark IV, LLC	United States
20-2937258	Closing Documentation Services, LLC	United States
	CMC Holdco Inc.	United States
	CMC Railroad Holdco LLC	United States
	CMC Railroad, LLC	United States
30-0791081	Colorado - PTH, LLC	United States
CER151028DM3	Comercializadora Energia de la Reforma S. de R.L. de C.V.	Mexico
	Commerce and Industry Brokerage Inc.	United States
201816156M	Conergy Asia Pte. Ltd.	Singapore
CS2015160102	Conergy Renewable Services Philippines Inc.	Philippines
201536002R	Conergy Singapore SPV HoldCo. Pte. Ltd	Singapore
626485005	Conergy Solar Australia Pty Limited	Australia
0100-01-192544	Conergy Solar Japan KK	Japan
	Connecticut Mystic Lien, LLC	United States
03241012	Corona Energy Limited	United Kingdom
03241002	Corona Energy Retail 1 Limited	United Kingdom

SC138299	Corona Energy Retail 2 Limited	United Kingdom
02746961	Corona Energy Retail 3 Limited	United Kingdom
02798334	Corona Energy Retail 4 Limited	United Kingdom
07545410	Corona Energy Retail 5 Limited (In Voluntary Liquidation - 14 Dec. 2018)	United Kingdom
02879748	Corona Gas Management Limited	United Kingdom
11496686	Craighouse Investments Limited	United Kingdom
51-0566317	Crystal Screens Media Inc.	United States
82-3700769	CT MLH Bluff Road Venture, LLC	United States
64075C1/GBL	DALIAN II HOLDING COMPANY LIMITED	Mauritius
11110550	Dalmatia WtE EUR Holdings Limited	United Kingdom
11108831	Dalmatia WtE EUR Topco Limited	United Kingdom
10520639	Danube Investments Limited	United Kingdom
37-1737048	DC - PTH, LLC	United States
23-3061021	Delaware Capital Management	United States
27-1291359	Delaware Capital Management Advisers, Inc.	United States
23-2226487	Delaware Distributors, Inc.	United States
23-2791871	Delaware Distributors, L.P.	United States
46-3152566	Delaware Emerging Market Debt Fund	United States
46-4850078	Delaware Investments Advisers Partner, Inc.	United States
N/A	Delaware Investments Corporate Bond Fund (UCITs)	Ireland
46-4639812	Delaware Investments Distribution Partner, Inc.	United States
46-1906107	Delaware Investments Fund Advisers	United States
46-5056965	Delaware Investments Fund Services Company	United States
	Delaware Investments Global Value Equity (UCITs)	Ireland
9670677H	Delaware Investments Global Value Equity Fund (UCITs)	Ireland
13-3465352	Delaware Investments Management Company, LLC	United States
23-2859589	Delaware Management Company	United States
23-2601407	Delaware Management Trust Company	United States
13-3465338	Delaware Service Company, Inc.	United States
81-2626999	Delaware Small Cap Growth Fund	United States
	DELTA1 FINANCE TRUST	Australia
083 158 614	DIVCO 22 PTY LIMITED	Australia
608 027 505	EDUWEST EQUITY HOLDING PTY LIMITED	Australia
608 027 434	EDUWEST PROJECT CO PTY LIMITED	Australia
608 027 596	EDUWEST PROJECT HOLDING COMPANY PTY LIMITED	Australia
127338827	ELAINE WINDFARM PTY LTD	Australia
	Electrodes Holdings, LLC	United States
	Elektron Holdings, Inc.	United States
069344001	ELISE NOMINEES PTY LIMITED	Australia
0200-03-009420	ENERGY PRATHAM INC.	Japan
684-87-01069	ENERGY-S COMPANY LIMITED	Korea, Republic of
006435810	EQUITAS NOMINEES PTY. LIMITED	Australia
	ERC Holdco LLC	United States
079878783	EURO FIN CO PTY LTD	Australia
11246622	Euro II PPP Platform GP Limited	United Kingdom
11246816	Euro II PPP Platform LP Limited	United Kingdom
11254324	Euro III Platform Partner Limited	United Kingdom
11246941	Euro III PPP Platform GP Limited	United Kingdom
LP19679	Euro III PPP Platform Limited Partnership	United Kingdom
619687	Euro Investco PPP Ireland GP Limited	Ireland
11469733	Euro IV PPP Platform GP Limited	United Kingdom
11469853	Euro IV PPP Platform Partner Limited	United Kingdom
11171693	Euro PPP Platform GP Limited	United Kingdom
LP019681	Euro PPP Platform Limited Partnership	United Kingdom
11171914	Euro PPP Platform LP Limited	United Kingdom
20-5600465	FAS 1 LLC	United States
137357	FINCH SECURITIES LIMITED	Cayman Islands
12-377-980/0001-25	FIP Gestora de Recursos Ltda.	Brazil
80-0940702	FL - PTH 1, LLC	United States
36-4767568	FL - PTH 10, LLC	United States
90-1004919	FL - PTH 2, LLC	United States
61-1718024	FL - PTH 3, LLC	United States
80-0941771	FL - PTH 4, LLC	United States
90-1005859	FL - PTH 5, LLC	United States
80-0942248	FL - PTH 6, LLC	United States
90-1006383	FL - PTH 7, LLC	United States
80-0942772	FL - PTH 8, LLC	United States
80-0943053	FL - PTH 9, LLC	United States
46-2260160	Florida Coral Lien Investments, LLC	United States
61-1577729	Florida Dundee Lien Investments, LLC	United States
10662385	Forth SPV 1 Limited	United Kingdom
10662568	Forth SPV 2 Limited	United Kingdom
95-4881110	Four Corners Capital Management, LLC	United States
	Fox-Pitt Kelton Cochran Caronia Waller (USA) LLC	United States
06-1058201	Fox-Pitt Kelton Cochran Caronia Waller LLC	United States
01601171	Fox-Pitt, Kelton Limited	United Kingdom

32157	Fox-Pitt, Kelton N.V.	Curacao
99228	FPK Capital I CIP GP Limited	Jersey
20-5600465	Fremantle Energy Holdings, LLC	United States
20-5600465	Fremantle Energy, LLC	United States
20-2384759	Fremantle Wind Holdings Inc.	United States
9699834	Fulfilment Services Limited	United Kingdom
106204862	FUNDCORP PTY LIMITED	Australia
	Fusion Management Holdings, LLC	United States
	Fusion Property Holdings, LLC	United States
30-0790149	GA - PTH, LLC	United States
054001400	GATESUN PTY. LIMITED	Australia
570800	GGB inBalans Investco Ireland GP Limited	Ireland
009642942	GILLMAN PTY. LIMITED	Australia
	GLL 200 State Street Corp	United States
	GLL America's Fund GP Corp	United States
HRB 148775	GLL Asset Management GmbH	Germany
	GLL Asset Management LLC	United States
47-2799970	GLL BVK Austin GP Inc	United States
47-1067714	GLL BVK Denver GP Inc.	United States
	GLL BVK General Partner Inc	United States
81-4279580	GLL BVK Miracorp General Partner, Inc.	United States
47-2784803	GLL BVK W.Adams GP, Inc	United States
	GLL Development & Management Inc	United States
HRB 139371	GLL Erste Verwaltungs GmbH	Germany
	GLL Fremont Interest II LLC	United States
HRB 149112	GLL Holding AG	Germany
81-1829460	GLL Hope Interest, LLC	United States
HRB 198702	GLL HR CEE Management GmbH	Germany
	GLL HRE General Partner Inc	United States
HRB 217096	GLL Investment Management GmbH	Germany
B 116672	GLL Management Company Sarl	Luxembourg
HRB 180132	GLL Office II Management GmbH	Germany
HRB 188989	GLL Office Management GmbH	Germany
B 200874	GLL Opportunities GP Sarl	Luxembourg
20-4902118	GLL Properties 444 North Michigan Corp.	United States
	GLL Properties Fund Corp. I	United States
	GLL Properties Fund Corp. II	United States
HRB 167136	GLL Real Estate Financial Services GmbH	Germany
HRB 134934	GLL Real Estate Partners GmbH	Germany
76.140.219-6	GLL Real Estate Partners GmbH Limitada	Chile
20601960843	GLL real Estate Partners GmbH SAC	Peru
	GLL Real Estate Partners Inc	United States
HRB 206240	GLL Real Estate Partners Kapitalverwaltungsgesellschaft GmbH	Germany
01-09-905516	GLL Real Estate Partners Kft.	Hungary
110114-0232154	GLL Real Estate Partners LLC	Korea, Republic of
796-87-01038	GLL Real Estate Partners LLC	Korea, Republic of
HRB 188990	GLL Retail Management GmbH	Germany
	GLL Selection II GP Corp	United States
B 165993	GLL Services Luxembourg Sarl	Luxembourg
	GLL US Office Corp	United States
	GLL US Retail Corp	United States
	GLL USA Management LLC	United States
143292	GLOBAL STAR GP LTD	Cayman Islands
HRB 236848	Globe Beteiligungs GmbH	Germany
11346219	Gnowee Iberia Holdings Limited	United Kingdom
0110-03-004802	GODO KAISHA ALPHA MEGA SOLAR PROJECT NO. 1	Japan
0110-03-004888	GODO KAISHA ALPHA MEGA SOLAR PROJECT NO. 2	Japan
05481707	Goonzaran Bluebell Funding Limited	United Kingdom
05473771	Goonzaran Bluebell Leasing Limited	United Kingdom
668-81-01105	GRAY WHALE OFFSHORE WIND POWER NO. 1 CO., LTD.	Korea, Republic of
642-88-01155	GRAY WHALE OFFSHORE WIND POWER NO. 2 CO., LTD.	Korea, Republic of
11654061	Green Empire WtE Holdings Limited	United Kingdom
538-88-00707	GREEN INNOVATION HOLDINGS LIMITED	Korea, Republic of
SC576143	Green Investment Group Investments Limited	United Kingdom
SC574147	Green Investment Group Limited	United Kingdom
SC460459	Green Investment Group Management Limited	United Kingdom
	Hamel Renewables HoldCo, LLC	United States
83-0667215	Hamel Renewables, LLC	United States
	Harrison Leasing Corporation	United States
415492	HBEAR CO. NO.1 LIMITED (in voluntary liquidation)	Ireland
11727301	HC One PPP Investments Limited	United Kingdom
11727242	HC Two PPP Investments Limited	United Kingdom
125438600	HENDERSON WA PTY LIMITED	Australia
not registered	HENDERSON WA TRUST	Australia
559017	Hermes Infrastructure Investco Ireland GP Limited	Ireland
	Highland Capital Partners 9 (SPV), L.P.	United States

104173891	HUB X PTY LIMITED	Australia
	Hybrid-Electric Building Technologies Irvine 1, LLC	United States
	Hybrid-Electric Building Technologies Irvine 2, LLC	United States
	Hybrid-Electric Building Technologies West Los Angeles 1, LLC	United States
	Hybrid-Electric Building Technologies West Los Angeles 2, LLC	United States
97666	Hydra Investments 2007 Limited	Jersey
0100-03-027910	Ichinoseki 2 GK	Japan
002757020	IDAMENEO (NO. 79) NOMINEES PTY. LIMITED	Australia
46-1490923	Illinois Salt Fox Investments, LLC	United States
20-2937198	Indiana TLP, LLC	United States
	Integra Springs Property Owner LLC	United States
201729633K	ION ENERGY PTE. LIMITED	Singapore
CR-113608	Jackson Leasing Limited	Cayman Islands
0100-02-036303	JIG HOLDINGS LIMITED	Japan
611 447 628	JURIS PARTNERSHIP MCHPL EQUITY HOLDING COMPANY PTY LTD	Australia
609 122 901	JURIS PARTNERSHIP MCHPL PROJECT CO PTY LTD	Australia
609 115 997	JURIS PARTNERSHIP MCHPL PROJECT HOLDING COMPANY PTY LTD	Australia
464138	Juuichi Limited (in voluntary liquidation)	Ireland
CR-113609	Kearny Leasing Limited	Cayman Islands
20-5913622	Keba Energy LLC	United States
	Kenosha Propco I, LLC	United States
HRB 135130	KGG Partners GmbH	Germany
09541115	Kingswood Mortgages 2015-1 Holdings Limited	United Kingdom
09541195	Kingswood Mortgages 2015-1 PLC	United Kingdom
603561360	KUBIO GROUP PTY LTD	Australia
56649800	L2 B.V.	Netherlands
FC032012	L2 B.V. (UK Branch)	United Kingdom
140 135 379	LAKE GEORGE WIND FARM DEVELOPMENTS PTY LTD	Australia
08763016	Lakehouse Mortgages Limited	United Kingdom
617 886 567	LAL LAL WIND FARMS ASSET CO PTY LIMITED	Australia
	Lal Lal Wind Farms Asset Trust	Australia
	Lal Lal Wind Farms Hold Trust	Australia
617 788 217	LAL LAL WIND FARMS HOLDINGS PTY LIMITED	Australia
615861259	LAL LAL WIND FARMS PTY LIMITED	Australia
154411-0032429	LAON SOLAR COMPANY LIMITED	Korea, Republic of
	Liberty Green Renewables Indiana, LLC	United States
20-2937206	Lien Data Services, LLC	United States
HRB80214	Lightning Bolt Germany GmbH (in liquidation)	Germany
0106-01-045144	LOHAS ECE BROWN K.K.	Japan
	Long Beach Airport Hangar Owner LLC	United States
	LPC Brewster Creek I, LLC	United States
	LPC Frederickson 1, LLC	United States
	LPC Frederickson 2, LLC	United States
	LPC Frederickson 3, LLC	United States
	LPC Frederickson 4, LLC	United States
	LPC Frederickson 5, LLC	United States
	LPC Frederickson 5-a, LLC	United States
	LPC Frederickson 6, LLC	United States
	LPC Jessup I, LLC	United States
	LPC Kenosha Holding Company III, LLC	United States
	LPC Kenosha Holding Company, LLC	United States
	LPC Kenosha I, LLC	United States
	LPC Kenosha III, LLC	United States
	LPC Pocono I, LLC	United States
	LPC Southport I, LLC	United States
	LPC Southport II, LLC	United States
	LPC Southport III, LLC	United States
	LPC Southport IV, LLC	United States
	LPC Venture I, LLC	United States
	M Acquisition Company IV Corporation	United States
	M Acquisition Company V Corporation	United States
	M Acquisition Company VI Corporation	United States
	M Acquisition Company VII Corporation	United States
	M Acquisition IV Sponsor, LLC	United States
	M Acquisition V Sponsor, LLC	United States
	M Acquisition VI Sponsor, LLC	United States
	M Acquisition VII Sponsor, LLC	United States
	MAC FUND ONE TRUST	Australia
198500776M	MACQUARIE (ASIA) PTE LTD.	Singapore
27230949	MACQUARIE (ASIA) PTE LTD. TAIWAN BRANCH	Taiwan
51983	Macquarie (Bermuda) Limited	Bermuda
132 864 950	MACQUARIE (CIS) HOLDINGS PTY LTD	Australia
200228	MACQUARIE (HK) FINANCIAL SERVICES LIMITED	Hong Kong
0100-01-068766	MACQUARIE (JAPAN) LIMITED	Japan
SC280388	Macquarie (Scotland) GP Limited	United Kingdom
06287793	Macquarie (UK) Group Services Limited	United Kingdom

46-3119820	Macquarie Absolute Return Real Estate Fund (Master), Ltd.	Cayman Islands
008594885	MACQUARIE ACCEPTANCES PTY LIMITED	Australia
095180788	MACQUARIE ADMIN SERVICES PTY LIMITED	Australia
211745	Macquarie Advanced Investment Partners G.P. Ltd.	Cayman Islands
2003/014483/07	Macquarie Advisory and Capital Markets South Africa Proprietary Limited	South Africa
486592	Macquarie Aerospace AF (Ireland) Limited	Ireland
WK-228185	Macquarie Aerospace Finance 39414-1 Limited	Cayman Islands
BR018331	Macquarie Aerospace Finance 39414-1 Limited, UK Branch	United Kingdom
07575063	Macquarie Aerospace Finance 39414-2 Limited	United Kingdom
556860-1602	Macquarie Aerospace Finance 39425 AB	Sweden
997 538 161	Macquarie Aerospace Finance 39429 AS	Norway
IT-298288	Macquarie Aerospace Finance 39429 Limited	Cayman Islands
BR018337	Macquarie Aerospace Finance 39429 Limited, UK Branch	United Kingdom
537804	Macquarie Aerospace Finance 39437 Limited	Ireland
WK-285119	Macquarie Aerospace Finance 39438 Limited	Cayman Islands
WK-286855	Macquarie Aerospace Finance 39440 Limited	Cayman Islands
571997	Macquarie Aerospace Finance 39442 Limited	Ireland
571998	Macquarie Aerospace Finance 40967 Limited	Ireland
7695532	Macquarie Aerospace Finance 4257-2 Limited	United Kingdom
996 790 827	Macquarie Aerospace Finance 4720 AS	Norway
498271	Macquarie Aerospace Finance 4720-1 Limited	Ireland
498680	Macquarie Aerospace Finance 4720-2 Limited	Ireland
BR018338	Macquarie Aerospace Finance 4720-2 Limited, UK Branch	United Kingdom
504303	Macquarie Aerospace Finance 5027 Limited	Ireland
504304	Macquarie Aerospace Finance 5090 Limited	Ireland
508880	Macquarie Aerospace Finance 5092 Limited	Ireland
266822	Macquarie Aerospace Finance 5178 Limited	Cayman Islands
BR018323	Macquarie Aerospace Finance 5178 Limited, UK Branch	United Kingdom
517127	Macquarie Aerospace Finance 5315 Limited	Ireland
BR018350	Macquarie Aerospace Finance 5315 Limited, UK Branch	United Kingdom
516215	Macquarie Aerospace Finance 5403 Limited	Ireland
7802517	Macquarie Aerospace Finance 5433 Limited	United Kingdom
516216	Macquarie Aerospace Finance 5466 Limited	Ireland
07802521	Macquarie Aerospace Finance 5482-2 Limited	United Kingdom
527101	Macquarie Aerospace Finance 5673 Limited	Ireland
BR018349	Macquarie Aerospace Finance 5673 Limited, UK Branch	United Kingdom
WK-27905	Macquarie Aerospace Finance 5742 Limited	Cayman Islands
BR018342	Macquarie Aerospace Finance 5742 Limited, UK Branch	United Kingdom
999184650	Macquarie Aerospace Finance 5773 AS	Norway
WK-280125	Macquarie Aerospace Finance 5773 Limited	Cayman Islands
BR018339	Macquarie Aerospace Finance 5773 Limited, UK Branch	United Kingdom
533279	Macquarie Aerospace Finance 5822-1 Limited	Ireland
WK-281265	Macquarie Aerospace Finance 5822-2 Limited	Cayman Islands
BR018332	Macquarie Aerospace Finance 5822-2 Limited, UK Branch	United Kingdom
912 510 352	Macquarie Aerospace Finance 5844 AS	Norway
WK-281267	Macquarie Aerospace Finance 5844 Limited	Cayman Islands
BR018346	Macquarie Aerospace Finance 5844 Limited, UK Branch	United Kingdom
WK-281268	Macquarie Aerospace Finance 5857-1 Limited	Cayman Islands
BR018345	Macquarie Aerospace Finance 5857-1 Limited, UK Branch	United Kingdom
8705337	Macquarie Aerospace Finance 5857-2 Limited	United Kingdom
WK-281249	Macquarie Aerospace Finance 5892-1 Limited	Cayman Islands
BR018335	Macquarie Aerospace Finance 5892-1 Limited, UK Branch	United Kingdom
8704469	Macquarie Aerospace Finance 5892-2 Limited	United Kingdom
WK-281316	Macquarie Aerospace Finance 5951-1 Limited	Cayman Islands
BR018340	Macquarie Aerospace Finance 5951-1 Limited, UK Branch	United Kingdom
8705352	Macquarie Aerospace Finance 5951-2 Limited	United Kingdom
WK-281315	Macquarie Aerospace Finance 5979-1 Limited	Cayman Islands
BR018324	Macquarie Aerospace Finance 5979-1 Limited, UK Branch	United Kingdom
8704473	Macquarie Aerospace Finance 5979-2 Limited	United Kingdom
WK-285115	Macquarie Aerospace Finance 5996 Limited	Cayman Islands
539973	Macquarie Aerospace Finance 6025-1 Limited	Ireland
WK-285274	Macquarie Aerospace Finance 6025-2 Limited	Cayman Islands
BR018348	Macquarie Aerospace Finance 6025-2 Limited, UK Branch	United Kingdom
539286	Macquarie Aerospace Finance 6039/6535 Limited	Ireland
BR018341	Macquarie Aerospace Finance 6039/6535 Limited, UK Branch	United Kingdom
541007	Macquarie Aerospace Finance 6045 Limited	Ireland
BR018347	Macquarie Aerospace Finance 6045 Limited, UK Branch	United Kingdom
541008	Macquarie Aerospace Finance 6079 Limited	Ireland
BR018330	Macquarie Aerospace Finance 6079 Limited, UK Branch	United Kingdom
541009	Macquarie Aerospace Finance 6081 Limited	Ireland
BR018321	Macquarie Aerospace Finance 6081 Limited, UK Branch	United Kingdom
WK-285849	Macquarie Aerospace Finance 6113-1 Limited	Cayman Islands
BR018353	Macquarie Aerospace Finance 6113-1 Limited, UK Branch	United Kingdom
8934030	Macquarie Aerospace Finance 6113-2 Limited	United Kingdom
WK-285848	Macquarie Aerospace Finance 6140-1 Limited	Cayman Islands
BR018334	Macquarie Aerospace Finance 6140-1 Limited, UK Branch	United Kingdom

8934031	Macquarie Aerospace Finance 6140-2 Limited	United Kingdom
547276	Macquarie Aerospace Finance 6220 Limited	Ireland
290012	Macquarie Aerospace Finance 6242 Limited	Cayman Islands
BR018343	Macquarie Aerospace Finance 6242 Limited, UK Branch	United Kingdom
291538	Macquarie Aerospace Finance 6254-1 Limited	Cayman Islands
BR018352	Macquarie Aerospace Finance 6254-1 Limited, UK Branch	United Kingdom
9210708	Macquarie Aerospace Finance 6254-2 Limited	United Kingdom
IT-291873	Macquarie Aerospace Finance 6288 Limited	Cayman Islands
913 285 700	Macquarie Aerospace Finance 6320 AS	Norway
IT-292643	Macquarie Aerospace Finance 6320 Limited	Cayman Islands
BR018326	Macquarie Aerospace Finance 6320 Limited, UK Branch	United Kingdom
IT-291847	Macquarie Aerospace Finance 6321 Limited	Cayman Islands
914599474	Macquarie Aerospace Finance 6422 AS	Norway
IT-294038	Macquarie Aerospace Finance 6422 Limited	Cayman Islands
BR018327	Macquarie Aerospace Finance 6422 Limited, UK Branch	United Kingdom
WK-269465	Macquarie Aerospace Finance Limited	Cayman Islands
BR018366	Macquarie Aerospace Finance Limited, UK Branch	United Kingdom
9458807	Macquarie Aerospace Finance UK Limited	United Kingdom
	Macquarie Aerospace Finance US Holdings LLC	United States
	Macquarie Aerospace Finance US LLC	United States
	Macquarie Aerospace Holdings Inc.	United States
9457141	Macquarie Aerospace Holdings UK Limited	United Kingdom
06863307	Macquarie Aerospace Investments Limited	United Kingdom
484423	Macquarie Aerospace Ireland Limited	Ireland
44138	MACQUARIE AEROSPACE LIMITED	Bermuda
906393	Macquarie Aerospace Limited, Dublin Branch	Ireland
27-2669479	Macquarie Aerospace LLC	United States
27-1564084	Macquarie Affiliated Managers (USA) Inc.	United States
26-2103542	Macquarie Affiliated Managers Holdings (USA) Inc.	United States
2000/001243/07	MACQUARIE AFRICA PROPRIETARY LIMITED	South Africa
122169368	MACQUARIE AGRICULTURAL FUNDS MANAGEMENT LTD	Australia
611566217	MACQUARIE AGRICULTURAL FUNDS MANAGEMENT NO.2 PTY LIMITED	Australia
139 633 015	MACQUARIE AIRCRAFT LEASING HOLDINGS PTY LIMITED	Australia
82-4881742	Macquarie Aircraft Leasing Inc.	United States
426824	Macquarie Aircraft Leasing Limited	Ireland
139 654 407	MACQUARIE AIRCRAFT LEASING PTY LIMITED	Australia
130 643 319	MACQUARIE AIRCRAFT LEASING SERVICES (AUSTRALIA) PTY LTD	Australia
429566	Macquarie Aircraft Leasing Services (Ireland) Limited	Ireland
200917376C	Macquarie Aircraft Leasing Services (Singapore) Pte. Ltd.	Singapore
5988531	Macquarie Aircraft Leasing Services (UK) Limited	United Kingdom
	Macquarie Aircraft Leasing Services (US), Inc.	United States
	MACQUARIE AIRCRAFT LEASING TRUST A	Australia
435319	Macquarie AirFinance (No 2) Limited	Ireland
464499	Macquarie AirFinance Acquisitions (Ireland) Limited	Ireland
LL09680	Macquarie AirFinance Acquisitions (Labuan) Limited	Malaysia
6767724	Macquarie AirFinance Acquisitions (UK) Limited	United Kingdom
41289	Macquarie AirFinance Acquisitions Limited	Bermuda
905881	Macquarie AirFinance Acquisitions Limited, Dublin Branch	Ireland
41212.0	Macquarie AirFinance Aruba A.V.V.	Aruba
11177091	Macquarie AirFinance Group Limited	United Kingdom
11179876	Macquarie AirFinance Holdings Limited	United Kingdom
38946	Macquarie AirFinance Ltd.	Bermuda
905984	Macquarie AirFinance Ltd., Dublin Branch	Ireland
26-2103542	Macquarie Allegiance Capital, LLC	United States
37-1740746	Macquarie Alpine Inc.	United States
103237181	MACQUARIE ALTERNATIVE ASSETS MANAGEMENT LIMITED	Australia
26-3816229	Macquarie Alternative Strategies	United States
617817893	Macquarie Amadeus Pty Limited	Australia
	Macquarie AMC Investment REIT LLC	United States
26-3769039	Macquarie America Holdings Inc.	United States
26-3771444	Macquarie America Services Inc.	United States
	Macquarie Americas Alpha Fund	Cayman Islands
	Macquarie Americas Alpha Master Fund	Cayman Islands
	Macquarie Americas Alpha US Feeder Fund	Cayman Islands
13-4184042	MACQUARIE AMERICAS CORP.	United States
124071414	MACQUARIE AMERICAS HOLDINGS PTY LTD	Australia
325180	Macquarie ASEAN Technology Investments Holdings GP Ltd.	Cayman Islands
201713780Z	Macquarie Asia Infrastructure Management 2 Pte. Limited	Singapore
289176	Macquarie Asia Infrastructure Management Limited	Cayman Islands
170076	Macquarie Asia Securities Limited	Hong Kong
313050	Macquarie Asia Specialized Asset Management I Limited	Cayman Islands
41-2183382	Macquarie Asset Advisers	United States
8253772	Macquarie Asset Finance Holdings Limited	United Kingdom
0100-01-107687	MACQUARIE ASSET FINANCE JAPAN LIMITED	Japan
57952C1/GBL	MACQUARIE ASSET FINANCE MAURITIUS LTD	Mauritius
064219601	MACQUARIE ASSET FINANCE PTY LIMITED	Australia

11670775	Macquarie Asset Holdings Limited	United Kingdom
26-3263254	MACQUARIE ASSET MANAGEMENT INC.	United States
0100-01-156193	MACQUARIE ASSET MANAGEMENT JAPAN CO., LTD.	Japan
001263583	MACQUARIE ASSET MANAGEMENT PTY LIMITED	Australia
000736210	MACQUARIE AUSTRALIA PTY LIMITED	Australia
074453286	MACQUARIE AUSTRALIA SECURITIES PTY LIMITED	Australia
077595012	MACQUARIE AUSTRALIAN INFRASTRUCTURE MANAGEMENT 1 LIMITED	Australia
131476910	MACQUARIE AUSTRALIAN INFRASTRUCTURE MANAGEMENT 2 LIMITED	Australia
121836191	MACQUARIE AVENIR NO. 1 PTY LIMITED	Australia
121836235	MACQUARIE AVENIR NO. 2 PTY LIMITED	Australia
368579	MACQUARIE AVIATION CAPITAL FINANCE LIMITED	Ireland
368589	Macquarie Aviation Capital Group Unlimited Company (in voluntary liquidation)	Ireland
124071432	MACQUARIE B.H. PTY LTD	Australia
06309906	Macquarie Bank International Limited	United Kingdom
HRB 189708	Macquarie Bank International Limited, Niederlassung Deutschland	Germany
FN 331748 s	Macquarie Bank International Limited, Vienna Branch	Austria
008583542	MACQUARIE BANK LIMITED	Australia
1045	Macquarie Bank Limited (DIFC Recognised Company)	United Arab Emirates
F18649	MACQUARIE BANK LIMITED (HONG KONG BRANCH)	Hong Kong
FC018220	Macquarie Bank Limited (London Branch)	United Kingdom
104-84-07697	MACQUARIE BANK LIMITED (SEOUL BRANCH)	Korea, Republic of
N/A	Macquarie Bank Limited (Zurich Rep Office)	Switzerland
T11FC0018C	MACQUARIE BANK LIMITED SINGAPORE BRANCH	Singapore
R.P.M. 892390892	Macquarie Belgium TCG SPRL	Belgium
HRB 232767	Macquarie Beteiligungstreuhand GmbH	Germany
CNPJ03.516.449/0001	MACQUARIE BRASIL PARTICIPACOES LTDA	Brazil
109649292	MACQUARIE BUSINESS SOLUTIONS PTY LIMITED	Australia
	Macquarie CAF Finance Inc.	United States
	Macquarie CAF Holdings Inc.	United States
	Macquarie CAF LLC	United States
	Macquarie CAF Management LLC	United States
13-4055193	Macquarie CAF RE Holdings, Inc.	United States
839742-2	Macquarie Canada MPIP GP Ltd.	Canada
839745-7	Macquarie Canada MPIP LP Ltd.	Canada
683412-4	Macquarie Canada Services Ltd.	Canada
6489800	Macquarie Canadian Investment Holdings Ltd.	Canada
123199548	MACQUARIE CAPITAL (AUSTRALIA) LIMITED	Australia
03704031	Macquarie Capital (Europe) Limited	United Kingdom
34297902	Macquarie Capital (Europe) Limited, Amsterdam Branch	Netherlands
905963	Macquarie Capital (Europe) Limited, Dublin Branch	Ireland
N/A	Macquarie Capital (Europe) Limited, Geneva Representative Office	Switzerland
HRB 82506	Macquarie Capital (Europe) Limited, Niederlassung Deutschland	Germany
	Macquarie Capital (Europe) Limited, Oficina de Representacion en Espana	Spain
634747	Macquarie Capital (Ireland) Designated Activity Company	Ireland
104-81-64533	MACQUARIE CAPITAL (KOREA) LIMITED	Korea, Republic of
1952567	MACQUARIE CAPITAL (NEW ZEALAND) LIMITED	New Zealand
199704430K	MACQUARIE CAPITAL (SINGAPORE) PTE. LIMITED	Singapore
98-0141094	MACQUARIE CAPITAL (USA) INC.	United States
002149053	Macquarie Capital Acquisitions (Canada) Ltd.	Canada
716740-7	Macquarie Capital Acquisitions (Canada) No.2 Ltd.	Canada
130 342 915	MACQUARIE CAPITAL ADVISERS CRE PTY LTD	Australia
137760822	MACQUARIE CAPITAL ARGENTINA PTY LTD	Australia
905313-1	Macquarie Capital Development Canada Ltd.	Canada
127829458	MACQUARIE CAPITAL FINANCE (AUSTRALIA) PTY LTD	Australia
133 664 632	MACQUARIE CAPITAL FINANCE HOLDINGS (AUSTRALIA) PTY LIMITED	Australia
110605724	MACQUARIE CAPITAL FUNDING (LP) PTY LIMITED	Australia
13-3789912	Macquarie Capital Funding LLC	United States
002149050	Macquarie Capital Holdings (Canada) Ltd.	Canada
43-2082900	Macquarie Capital Investment Management LLC	United States
135973	MACQUARIE CAPITAL LIMITED	Hong Kong
110-84-02227	MACQUARIE CAPITAL LIMITED (SEOUL BRANCH)	Korea, Republic of
89407381	Macquarie Capital Limited, Taiwan Securities Branch	Taiwan
565608	Macquarie Capital Markets Canada Ltd./Marchés Financiers Macquarie Canada Ltée.	Canada
1079073	Macquarie Capital Markets North America Ltd./Marchés Financiers Macquarie Amérique Du Nord Ltée.	Canada
	Macquarie Capital Partners, LLC	United States
803092-8	Macquarie Capital Principal Holdings Canada Ltd	Canada
U65920MH1995PTC090696	Macquarie Capital Securities (India) Private Limited	India
MC-134609	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED	Cayman Islands
0100-03-012063	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED (TOKYO BRANCH)	Japan
463469-W	MACQUARIE CAPITAL SECURITIES (MALAYSIA) SDN. BHD.	Malaysia
15184/2070C1/GBL	MACQUARIE CAPITAL SECURITIES (MAURITIUS) LIMITED	Mauritius
180496	Macquarie Capital Securities (Philippines) Inc.	Philippines
198702912C	MACQUARIE CAPITAL SECURITIES (SINGAPORE) PTE. LIMITED	Singapore
13-3789912	Macquarie Capital US Acquisitions LLC	United States

133 001 359	MACQUARIE CAPITAL WIND MANAGEMENT PTY LTD	Australia
169009	MACQUARIE CAYMAN HOLDINGS 2 CO.	Cayman Islands
168347	MACQUARIE CAYMAN HOLDINGS CO	Cayman Islands
081119477	MACQUARIE CGM TRADING PTY LIMITED	Australia
124022126	MACQUARIE CHEONGNA INVESTMENT PTY LTD	Australia
50019	Macquarie China Logistics Fund Limited	Bermuda
	Macquarie CMF LLC	United States
201016397N	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED	Singapore
SP.688/AsingP3A PDN.2/9/2010	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED, Indonesia Rep. Office	Indonesia
05259474	Macquarie Commodities (UK) Limited	United Kingdom
26-0555065	MACQUARIE COMMODITIES (USA) INC	United States
15.246.175/0001-50	Macquarie Commodities Brasil S/A	Brazil
06863247	Macquarie Commodities Factoring Holdings (UK) Limited	United Kingdom
20-5913559	MACQUARIE COMMODITIES FACTORING LLC	United States
05259503	Macquarie Commodities Finance (UK) Limited	United Kingdom
1049253-1	Macquarie Commodities Holding Canada Ltd.	Canada
20-5913559	MACQUARIE COMMODITIES HOLDINGS (USA) LLC	United States
619688	Macquarie Commodities Trading (Ireland) Limited	Ireland
913100003017346652	MACQUARIE COMMODITIES TRADING (SHANGHAI) CO, LTD	China
91310000342091408Y	Macquarie Commodities Trading (Shanghai) Co, Ltd First Branch	China
201711753C	MACQUARIE COMMODITIES TRADING (SINGAPORE) PTE. LIMITED	Singapore
620092435	MACQUARIE COMMODITIES TRADING AUSTRALIA PTY LIMITED	Australia
	MACQUARIE COMMODITIES TRADING BAHAMAS LTD	Bahamas
1049254-0	Macquarie Commodities Trading Canada Ltd.	Canada
625 945 119	MACQUARIE COMMODITIES TRADING PTY LIMITED	Australia
CHE-490.254.918	Macquarie Commodities Trading SA	Switzerland
	Macquarie Commodities Trading US, LLC	United States
200813631K	MACQUARIE COMMODITY MARKETS (SINGAPORE) PTE. LIMITED	Singapore
	Macquarie Core Solar HoldCo, LLC	United States
4752472	Macquarie Corona Energy Holdings Limited	United Kingdom
611405	Macquarie Corporate (Hong Kong) Limited	Hong Kong
368580	Macquarie Corporate and Asset Finance (Ireland) Limited (in voluntary liquidation)	Ireland
7815862	Macquarie Corporate and Asset Finance 1 Limited	United Kingdom
8253764	Macquarie Corporate and Asset Finance 2 Limited	United Kingdom
006198910	MACQUARIE CORPORATE AND ASSET FINANCE LIMITED	Australia
26-3769367	MACQUARIE CORPORATE AND ASSET FUNDING INC.	United States
008606862	MACQUARIE CORPORATE FINANCE HOLDINGS PTY LTD	Australia
008595426	MACQUARIE CORPORATE FINANCE LIMITED	Australia
HRB52973	MACQUARIE CORPORATE FINANCE LIMITED NIEDERLASSUNG DEUTSCHLAND	Germany
0686899659	Macquarie Corporate Holdings Belgium NV	Belgium
125895	Macquarie Corporate Holdings Europe Limited	Jersey
096 705 109	MACQUARIE CORPORATE HOLDINGS PTY LIMITED	Australia
FC027878	Macquarie Corporate Holdings Pty Limited (UK Branch)	United Kingdom
123199253	MACQUARIE CORPORATE INTERNATIONAL HOLDINGS PTY LIMITED	Australia
20-1536178	MACQUARIE COTTON INTERNATIONAL INC.	United States
90-0797831	Macquarie Credit Investment Management Inc.	United States
266242	MACQUARIE CREDIT NEXUS FUND LIMITED	Cayman Islands
266243	MACQUARIE CREDIT NEXUS MASTER FUND LIMITED	Cayman Islands
27-2279644	Macquarie Crop Partners GP, LLC	United States
132821580	MACQUARIE DELTA1 FINANCE SERVICES PTY LIMITED	Australia
29318190	Macquarie Denmark Limited A/S	Denmark
102607616	MACQUARIE DEVELOPMENT CAPITAL II PTY LIMITED	Australia
134474712	MACQUARIE DEVELOPMENT CAPITAL MANAGEMENT PTY LIMITED	Australia
008607083	MACQUARIE DIRECT INVESTMENT PTY LIMITED	Australia
20.3.0.31.542-6	Macquarie Distribution Finance Ltd.	Switzerland
114099795	MACQUARIE DIVERSIFIED ASSET ADVISORY PTY LIMITED	Australia
20-5962618	MACQUARIE DYNAMIC MANAGEMENT (USA) INC	United States
094631964	MACQUARIE EASTERN TRADING PTY LIMITED	Australia
54-2077555	MACQUARIE ELECTRONICS USA INC	United States
200408424K	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED	Singapore
F18440	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED (HONG KONG BRANCH)	Hong Kong
143365673	Macquarie Emerging Markets Investments Pty Ltd	Australia
127185719	MACQUARIE EMG HOLDINGS PTY LIMITED	Australia
22.084.882/0001-53	Macquarie Energia Brasil Comercializadora Ltda.	Brazil
CNPJ 19.641.624/0001-16	Macquarie Energia Brasil Ltda.	Brazil
6643795	Macquarie Energy Canada Ltd.	Canada
664374-4	Macquarie Energy Holdings Canada Ltd.	Canada
122300592	MACQUARIE ENERGY HOLDINGS PTY LTD	Australia
TDP 09.03.6.73.02806	MACQUARIE ENERGY HOLDINGS PTY LTD, Indonesia Foreign Trade Representative Office	Indonesia
8253776	Macquarie Energy Leasing Limited	United Kingdom
93-1043421	Macquarie Energy LLC	United States

MGS141223CE7	Macquarie Energy Mexico, S. de R.L. de C.V.	Mexico
20-3690322	Macquarie Energy North America Investments, LLC	United States
20-3690322	MACQUARIE ENERGY NORTH AMERICA TRADING INC.	United States
	Macquarie Energy Partners GP LLC	United States
	Macquarie Energy Partners Inc.	United States
	Macquarie Energy Partners, L.P.	United States
631 067 224	Macquarie Energy Services Pty Limited	Australia
	Macquarie Energy Trading LLC	United States
	Macquarie Equipment Capital Inc.	United States
935411-5	Macquarie Equipment Finance (Canada) Limited	Canada
421234	Macquarie Equipment Finance Designated Activity Company	Ireland
2017/387403/10	Macquarie Equipment Finance Designated Activity Company (Registered as an external Company in South Africa)	South Africa
262381	MACQUARIE EQUIPMENT FINANCE LIMITED	New Zealand
605377-7	Macquarie Equipment Finance Ltd./Macquarie Financement d'Équipement Ltée.	Canada
475730	Macquarie Equipment Finance Services Limited	Ireland
468487	Macquarie Equipment Funding Limited	Ireland
459515-H	MACQUARIE EQUIPMENT LEASING SDN. BHD.	Malaysia
112079268	MACQUARIE EQUIPMENT RENTALS PTY LIMITED	Australia
063906392	MACQUARIE EQUITIES (US) HOLDINGS PTY. LIMITED	Australia
002574923	MACQUARIE EQUITIES LIMITED	Australia
001374572	MACQUARIE EQUITY CAPITAL MARKETS PTY LIMITED	Australia
91110111MA01AGJ4XC	Macquarie Equity Investment Management (Beijing) Co., Ltd.	China
7713808	Macquarie Euro Limited	United Kingdom
114801464	MACQUARIE EUROPEAN FINANCIAL INVESTMENTS PTY LTD	Australia
078771123	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED	Australia
F15820	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED (HONG KONG	Hong Kong
06146573	Macquarie European Investment Holdings Limited	United Kingdom
HRB 82991	Macquarie European Rail GmbH	Germany
078223382	MACQUARIE EUROPEAN RAIL HOLDINGS PTY LIMITED	Australia
8253782	Macquarie European Rail Limited	United Kingdom
B172.199	Macquarie European Rail Limited (Luxembourg Branch)	Luxembourg
	Macquarie Executive Holdings LLC	United States
06863285	Macquarie Factoring (UK) Limited	United Kingdom
122169304	MACQUARIE FARM SERVICES PTY LIMITED	Australia
13-3789912	Macquarie Fastracks Holdings LLC	United States
26-2864605	Macquarie FG Holdings Inc.	United States
6855383	Macquarie FICC (UK) Limited	United Kingdom
	Macquarie FICC Holdings USA Inc.	United States
132 573 436	MACQUARIE FIEX INVESTMENT PTY LIMITED	Australia
U65999MH2009PTC190863	MACQUARIE FINANCE (INDIA) PRIVATE LIMITED	India
118817440	MACQUARIE FINANCE HOLDINGS LIMITED	Australia
106-81-94256	MACQUARIE FINANCE KOREA CO., LTD.	Korea, Republic of
001214964	MACQUARIE FINANCE LIMITED	Australia
13-3789912	Macquarie Financial Holdings (USA) LLC	United States
124071398	MACQUARIE FINANCIAL HOLDINGS PTY LIMITED	Australia
F15819	MACQUARIE FINANCIAL HOLDINGS PTY LIMITED (HONG KONG BRANCH)	Hong Kong
095135694	MACQUARIE FINANCIAL PRODUCTS MANAGEMENT LIMITED	Australia
200800950C	MACQUARIE FINANCIAL SERVICES (ASIA) PTE. LIMITED (in liquidation wef 29 Sep 2015)	Singapore
128948498	MACQUARIE FINANCIAL SERVICES HOLDINGS PTY LIMITED	Australia
2007/030612/07	Macquarie Financial Trustees Proprietary Limited	South Africa
HRB 98935	Macquarie Fonds GmbH	Germany
HRB 99628	Macquarie Fondsmanagement GmbH	Germany
093752946	MACQUARIE FORESTRY SERVICES PTY LIMITED	Australia
52230658	Macquarie Formosa 1 Co., Ltd.	Taiwan
55667289	Macquarie Formosa Solar Co., Ltd.	Taiwan
481 104 479 R.C.S. Paris	Macquarie France SARL	France
127735960	MACQUARIE FUND ADVISERS PTY LIMITED	Australia
3UMP7T,99999,SL,442	Macquarie Fund Solutions-Macquarie China New Stars Fund	Luxembourg
983572-5	Macquarie Funding 1 Ltd.	Canada
1040468-3	Macquarie Funding 4 Ltd.	Canada
657826-8	Macquarie Funding Holdings Canada Ltd.	Canada
20-5913559	MACQUARIE FUNDING HOLDINGS LLC	United States
6581935	Macquarie Funding Inc.	Canada
LP00000352	MACQUARIE FUNDING LIMITED PARTNERSHIP	Australia
	Macquarie Funding LLC	United States
	Macquarie Funding USA Inc.	United States
093177407	MACQUARIE FUNDS MANAGEMENT HOLDINGS PTY LIMITED	Australia
724745	MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Hong Kong
201715715W	MACQUARIE FUTURES (SINGAPORE) PTE. LIMITED	Singapore
20-4193486	Macquarie Futures USA LLC	United States
137072112	MACQUARIE FX INVESTMENTS PTY LTD	Australia
128219330	MACQUARIE GCUH HOLDINGS PTY LIMITED	Australia
HRB 82733	Macquarie Germany Holdings GmbH	Germany
091487384	Macquarie Global Bond Fund	Australia

068897C1/GBL	MACQUARIE GLOBAL FINANCE SERVICES (MAURITIUS) LIMITED	Mauritius
05259497	Macquarie Global Investments (UK) Limited	United Kingdom
3UMP7T.99999.SL.442	Macquarie Global Multi Asset Income Fund (SICAV)	Luxembourg
194165	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS G.P. LTD	Cayman Islands
131661697	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS INVESTMENT PTY	Australia
20-8983535	Macquarie Global Opportunities Partners LLC	United States
	Macquarie Global Services (USA) LLC	United States
U93090DL2007FTC199006	MACQUARIE GLOBAL SERVICES PRIVATE LIMITED	India
05488013	Macquarie GP Limited	United Kingdom
05718600	Macquarie GP2 Limited	United Kingdom
1396768	Macquarie Greater China Infrastructure Advisory Limited	Hong Kong
WK-245599	Macquarie Greater China Infrastructure Management Limited	Cayman Islands
124071389	MACQUARIE GROUP (US) HOLDINGS NO.1 PTY LTD	Australia
122169279	MACQUARIE GROUP EMPLOYEE RETAINED EQUITY PLAN (MEREP Trust)	Australia
200412291W	MACQUARIE GROUP HOLDINGS (SINGAPORE) PTE. LIMITED	Singapore
06357992	Macquarie Group Holdings (UK) No.1 Limited	United Kingdom
06357999	Macquarie Group Holdings (UK) No.2 Limited	United Kingdom
1952566	MACQUARIE GROUP HOLDINGS NEW ZEALAND LIMITED	New Zealand
124071478	MACQUARIE GROUP HOLDINGS NO.3 PTY LTD	Australia
11670358	Macquarie Group Investments (UK) No.1 Limited	United Kingdom
07438584	Macquarie Group Investments (UK) No.2 Limited	United Kingdom
122169279	MACQUARIE GROUP LIMITED	Australia
200703288K	MACQUARIE GROUP SERVICES (SINGAPORE) PTE. LIMITED	Singapore
116467031	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD	Australia
FC027877	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD (UK BRANCH)	United Kingdom
909027	Macquarie Group Services Australia PTY LTD, Ireland Branch	Ireland
609449149	MACQUARIE GROUP TREASURY PTY LTD	Australia
728003-3	Macquarie Holdings (Canada) Ltd	Canada
388232	Macquarie Holdings (Mexico), S.A. DE C.V.	Mexico
200703280D	MACQUARIE HOLDINGS (SINGAPORE) PTE. LTD.	Singapore
13-3789912	MACQUARIE HOLDINGS (U.S.A.) INC.	United States
06309919	Macquarie Holdings (UK) No.1 Limited	United Kingdom
201714295K	MACQUARIE HOLDINGS 2 (SINGAPORE) PTE. LIMITED	Singapore
2006/000891/07	Macquarie Holdings South Africa Proprietary Limited	South Africa
not registered	MACQUARIE HOLDINGS TRUST (terminated 31/10/2018)	Australia
MC-199805	Macquarie Hong Kong Finance Limited	Cayman Islands
F15963	Macquarie Hong Kong Finance Limited (Hong Kong Branch)	Hong Kong
133001751	MACQUARIE I A RETURNS PTY LIMITED	Australia
36-4307649	MACQUARIE INC	United States
58341C1/GBL	MACQUARIE INDIA HOLDINGS LIMITED	Mauritius
200823500E	MACQUARIE INDIA INFRASTRUCTURE MANAGEMENT HOLDINGS PTE. LIMITED	Singapore
C41803	MACQUARIE INDUSTRIAL INVESTMENTS MALTA LIMITED	Malta
CS201221372	MACQUARIE INFRASTRUCTURE ADVISORY (PHILIPPINES) INC.	Philippines
03976881	Macquarie Infrastructure and Real Assets (Europe) Limited	United Kingdom
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited (Spain)	Spain
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited, (Germany)	Germany
CL1804	Macquarie Infrastructure and Real Assets (Europe) Limited, DIFC Representative Office	United Arab Emirates
499 798 742 R.C.S. Paris	Macquarie Infrastructure and Real Assets (Europe) Limited, Paris Branch	France
623285	Macquarie Infrastructure and Real Assets (Hong Kong) Limited	Hong Kong
U67190MH2013PTC241809	Macquarie Infrastructure and Real Assets (India) Private Limited	India
784370-4	Macquarie Infrastructure and Real Assets (Sales) Canada Ltd	Canada
200513362E	MACQUARIE INFRASTRUCTURE AND REAL ASSETS (SINGAPORE) PTE. LIMITED	Singapore
10640222	Macquarie Infrastructure and Real Assets Core Limited	United Kingdom
082018399	MACQUARIE INFRASTRUCTURE AND REAL ASSETS HOLDINGS PTY LIMITED	Australia
20-8983572	Macquarie Infrastructure and Real Assets Inc.	United States
B 209.047	Macquarie Infrastructure and Real Assets Investments (Luxembourg) S.à r.l.	Luxembourg
09942610	Macquarie Infrastructure and Real Assets Investments 2 Limited	United Kingdom
10290869	Macquarie Infrastructure and Real Assets Investments 3 Limited	United Kingdom
8248121	Macquarie Infrastructure and Real Assets Investments Limited	United Kingdom
401814	Macquarie Infrastructure and Real Assets México, S.A. de C.V.	Mexico
084828437	MACQUARIE INFRASTRUCTURE AND REAL ASSETS PTY LIMITED	Australia
B138295	Macquarie Infrastructure and Real Assets S.à r.l.	Luxembourg
	Macquarie Infrastructure Developments LLC	United States
074311390	MACQUARIE INFRASTRUCTURE FUNDS MANAGEMENT PTY LIMITED	Australia
5755862	Macquarie Infrastructure GP Limited	United Kingdom
WK-228075	MACQUARIE INFRASTRUCTURE LIMITED	Cayman Islands
112772871	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED	Australia
T06FC6823A	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED - SINGAPORE BRANCH	Singapore
128212868	MACQUARIE INFRASTRUCTURE MANAGEMENT (AUSTRALIA) LIMITED	Australia
20-0643354	MACQUARIE INFRASTRUCTURE MANAGEMENT (USA) INC	United States
115524028	MACQUARIE INFRASTRUCTURE MANAGEMENT LIMITED	Australia

4339673	Macquarie Infrastructure Partners Canada GP Ltd.	Canada
	Macquarie Infrastructure Partners II GP LLC	United States
30-0777655	Macquarie Infrastructure Partners III GP LLC	United States
20-4166306	MACQUARIE INFRASTRUCTURE PARTNERS INC	United States
	Macquarie Infrastructure Partners IV GP LLC	United States
20-8983572	Macquarie Infrastructure Partners U.S. GP LLC	United States
46726	Macquarie Infrastructure Philippines Limited	Bermuda
41533	MACQUARIE INFRASTRUCTURE REINSURANCE COMPANY LIMITED	Bermuda
WC-96651	Macquarie Innovative Vision Fund II L.P.	Cayman Islands
330937	Macquarie Innovative Vision Fund Manager Limited	Cayman Islands
337957	Macquarie Innovative Vision Partners II Limited	Cayman Islands
330936	Macquarie Innovative Vision Partners Limited	Cayman Islands
200505701K	MACQUARIE INSURANCE (SINGAPORE) PTE. LTD.	Singapore
092985263	MACQUARIE INTERNATIONAL FINANCE LIMITED	Australia
04125302	Macquarie International Holdings Limited	United Kingdom
91310000736671894N	MACQUARIE INTERNATIONAL HOUSING AND LAND CONSULTING (SHANGHAI) COMPANY LIMITED	China
108590996	MACQUARIE INTERNATIONAL INVESTMENTS PTY LIMITED	Australia
01802574	Macquarie International Limited	United Kingdom
F11422	MACQUARIE INTERNATIONAL LIMITED (HONG KONG BRANCH)	Hong Kong
169002	MACQUARIE INTERNATIONAL NEW YORK PARKING CO	Cayman Islands
502151	Macquarie International Services Limited	Hong Kong
04957256	Macquarie Internationale Investments Limited	United Kingdom
97694	Macquarie Internet Investments Fund II L.P.	Cayman Islands
1660458	Macquarie Internet Investments Limited	Hong Kong
36631	MACQUARIE INVESTMENT (HONG KONG) LIMITED	Hong Kong
91110000765502969R	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD	China
91310000662467128L	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD (SHANGHAI BRANCH)	China
91310000MA1K31CL4R	Macquarie Investment Consulting (Shanghai) Co Ltd.	China
91310000MA1FR21D8P	Macquarie Investment Consulting (Shanghai) Co Ltd. (Shanghai Branch)	China
112017919	MACQUARIE INVESTMENT HOLDINGS NO.2 PTY LIMITED	Australia
122939600	MACQUARIE INVESTMENT HOLDINGS PTY LIMITED	Australia
41471	MACQUARIE INVESTMENT MANAGEMENT (BERMUDA) LIMITED	Bermuda
23-2859590	Macquarie Investment Management Advisers	United States
092552611	MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LIMITED	Australia
FN 171881 t	Macquarie Investment Management Austria Kapitalanlage AG	Austria
N/A	Macquarie Investment Management Business Trust	United States
09612439	Macquarie Investment Management Europe Limited	United Kingdom
MI - 2115687	Macquarie Investment Management Europe Limited (Italy Representative	Italy
HRB 235204	Macquarie Investment Management Europe Limited, Niederlassung München	Germany
B62.793	Macquarie Investment Management Europe SA	Luxembourg
81-0842539	Macquarie Investment Management General Partner, Inc.	United States
086159060	MACQUARIE INVESTMENT MANAGEMENT GLOBAL LIMITED	Australia
FN 350922 m	Macquarie Investment Management Holdings (Austria) GmbH	Austria
B222865	Macquarie Investment Management Holdings (Luxembourg) S.à r.l.	Luxembourg
604 942 127	MACQUARIE INVESTMENT MANAGEMENT HOLDINGS PTY LIMITED	Australia
116-81-22180	MACQUARIE INVESTMENT MANAGEMENT KOREA CO., LTD.	Korea, Republic of
002867003	MACQUARIE INVESTMENT MANAGEMENT LTD	Australia
CHE-283.758.331	Macquarie Investment Management Switzerland GmbH	Switzerland
071745401	MACQUARIE INVESTMENT SERVICES LIMITED	Australia
WK-133809	MACQUARIE INVESTMENTS (SINGAPORE) LIMITED	Cayman Islands
04104671	Macquarie Investments (UK) Limited	United Kingdom
05582630	Macquarie Investments 1 Limited	United Kingdom
05708696	Macquarie Investments 2 Limited	United Kingdom
07012592	Macquarie Investments 3 Limited	United Kingdom
069416977	MACQUARIE INVESTMENTS AUSTRALIA PTY LIMITED	Australia
HRB 74953	Macquarie Investments Deutschland GmbH	Germany
n/a	Macquarie Investments LLC	United States
2009/012283/07	Macquarie Investments Proprietary Limited	South Africa
45-2856257	Macquarie Investments US Inc.	United States
119211433	MACQUARIE INVESTORS PTY LTD	Australia
107147222	MACQUARIE JAPAN INFRASTRUCTURE NO.1 PTY LIMITED	Australia
0100-03-012002	MACQUARIE JAPAN INFRASTRUCTURE NO.1 PTY LIMITED (JAPAN BRANCH)	Japan
107147188	MACQUARIE JAPAN INFRASTRUCTURE NO.2 PTY LIMITED	Australia
117560282	MACQUARIE JAPAN INFRASTRUCTURE NO.3 PTY LIMITED	Australia
117560415	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED	Australia
0100-03-012591	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED (JAPAN BRANCH)	Japan
LP16087	Macquarie Juweel Investor LP	United Kingdom
104-81-76330	MACQUARIE KOREA ASSET MANAGEMENT CO., LTD.	Korea, Republic of
104-81-95716	MACQUARIE KOREA OPPORTUNITIES MANAGEMENT, LTD.	Korea, Republic of
110356968	MACQUARIE LAH PTY LIMITED	Australia
91110000717864826D	MACQUARIE LEASING (CHINA) CO LIMITED	China
02997799	Macquarie Leasing (UK) Limited	United Kingdom

20-3609362	Macquarie Leasing Inc.	United States
05867292	Macquarie Leasing Limited	United Kingdom
002675032	MACQUARIE LEASING NSW PTY LTD	Australia
002674982	MACQUARIE LEASING PTY LTD	Australia
OC363068	Macquarie Lending & Investment Partners LLP	United Kingdom
003963773	MACQUARIE LIFE LIMITED	Australia
HRB 74075	Macquarie Management GmbH	Germany
23-2693133	Macquarie Management Holdings, Inc.	United States
099 813 028	MACQUARIE MASTER GEARED GROWTH FUND	Australia
090 079 413	MACQUARIE MASTER SMALL COMPANIES FUND	Australia
51142C1/GBL	MACQUARIE MAURITIUS INVESTMENTS LIMITED	Mauritius
133000987	MACQUARIE MDW INVESTMENTS PTY LTD	Australia
616 486 974	MACQUARIE MEREEENIE PTY LTD	Australia
639997-5	Macquarie Metals and Energy Capital (Canada) Ltd.	Canada
04920378	Macquarie Meters 2 (UK) Limited	United Kingdom
07361419	Macquarie Meters 3 (UK) Limited	United Kingdom
1344888	Macquarie Meters 4 Limited	Hong Kong
9794737	Macquarie Meters 5 (UK) Limited	United Kingdom
397181	MACQUARIE MEXICO INFRASTRUCTURE MANAGEMENT, S.A. DE C.V.	Mexico
477795	Macquarie Mexico Real Estate Management, S.A. de C.V.	Mexico
095180564	MACQUARIE MIDDLE EAST HOLDINGS PTY LIMITED	Australia
616 486 983	MACQUARIE MINING AND ENERGY INVESTMENTS PTY LIMITED	Australia
130225222	MACQUARIE MIRA FUND INVESTMENTS PTY LTD	Australia
120070788	MACQUARIE MORTGAGES CANADA HOLDINGS PTY LIMITED	Australia
057760175	MACQUARIE MORTGAGES PTY LIMITED	Australia
22-3840451	MACQUARIE MORTGAGES USA INC	United States
200404077D	MACQUARIE NE HOLDINGS (SINGAPORE) PTE. LIMITED (in liquidation wef 28/11/2016)	Singapore
6798497	Macquarie New World Gaming Canada Ltd.	Canada
N/A	Macquarie New World Gaming Partnership	Canada
	Macquarie NG-KIH Holdings, LLC	United States
123851436	MACQUARIE NOOSA PTY LTD	Australia
3481018	Macquarie North America Ltd.	Canada
129 961 986	Macquarie NRAS Trust	Australia
	Macquarie Nufang US LLC	United States
008595711	MACQUARIE NZ HOLDINGS PTY LIMITED	Australia
129 590 576	MACQUARIE OFFSHORE SERVICES PTY LTD	Australia
FS200805155	Macquarie Offshore Services Pty Ltd - Philippine Branch	Philippines
10154157	Macquarie Offshore Wind Europe 1 Limited	United Kingdom
20-5426915	MACQUARIE OIL AND GAS HOLDINGS INC	United States
770975-7	Macquarie Oil Services Canada Ltd.	Canada
OF2150	MACQUARIE ONE LIMITED	United Arab Emirates
26-4389305	Macquarie Opportunities Inc.	United States
002934705	MACQUARIE OPTIONS PTY. LIMITED	Australia
115251619	MACQUARIE PAYMENTS INFRASTRUCTURE HOLDINGS PTY LIMITED	Australia
	Macquarie PF Inc.	United States
	Macquarie PF LLC	United States
09995266	Macquarie Physical Commodities UK Limited	United Kingdom
20-3690322	Macquarie Physical Commodities, LLC	United States
45-1622999	Macquarie Physical Metals (USA) Inc.	United States
201842473W	MACQUARIE PRINCIPAL FINANCE ASIA PTE. LIMITED	Singapore
629759600	MACQUARIE PRINCIPAL FINANCE PTY LIMITED	Australia
FC035740	Macquarie Principal Finance Pty Limited, UK Branch	United Kingdom
11667655	Macquarie Principal Finance UK Limited	United Kingdom
112561501	MACQUARIE PRINCIPAL PTY LIMITED	Australia
082038328	MACQUARIE PRISM PTY LIMITED	Australia
116782006	MACQUARIE PRIVATE CAPITAL MANAGEMENT PTY LIMITED	Australia
	Macquarie Private Debt Asset Management, LLC	United States
590627	Macquarie Private Debt Europe Limited	Ireland
089987388	Macquarie Private Portfolio Management Pty Limited	Australia
625128	Macquarie Products (Ireland) Limited	Ireland
601831467	Macquarie Professional Series Global Equity Fund	Australia
2292323	Macquarie Projects Limited	Hong Kong
064904169	MACQUARIE PROPERTY (OBU) PTY LIMITED	Australia
142 083 092	MACQUARIE RADAR HOLDINGS PTY LIMITED	Australia
730170-7	Macquarie Rail Canada Limited	Canada
27-2437046	Macquarie Real Estate Absolute Return Partners, Inc.	United States
26-3872414	MACQUARIE REAL ESTATE ADVISORY SERVICES LLC	United States
82-2058238	Macquarie Real Estate Funds Management Inc.	United States
624 520 556	MACQUARIE REAL ESTATE INVESTMENT HOLDING (ASIA PACIFIC) PTY LIMITED	Australia
625995324	MACQUARIE REAL ESTATE INVESTMENT HOLDING (AUSTRALIA) PTY LIMITED	Australia
	Macquarie Real Estate Investments Holdings (North America), Inc.	United States
HE 291792	Macquarie Renaissance Corporate Finance Holdings Limited	Cyprus
616987949	MACQUARIE RENEWABLE ENERGY HOLDINGS PTY LIMITED	Australia

26-1386300	MACQUARIE RENEWABLE ENERGY INC	United States
	Macquarie Renewables Asset Trust	Australia
	Macquarie Renewables Project Trust	Australia
672846-4	Macquarie Resource Capital Canada Ltd.	Canada
07055620	Macquarie Restorations Limited	United Kingdom
998584	Macquarie Retail Management (Asia) Limited	Hong Kong
1273174	MACQUARIE RETAIL REAL ESTATE MANAGEMENT LIMITED	Hong Kong
	Macquarie Rotorcraft Holdings LLC	United States
535266	Macquarie Rotorcraft Leasing (Ireland) Limited	Ireland
639147	MACQUARIE ROTORCRAFT LEASING GROUP LIMITED	Ireland
11697950	Macquarie Rotorcraft Leasing Holdings Limited	United Kingdom
11744005	Macquarie Rotorcraft Leasing Services (UK) Limited	United Kingdom
46-3045888	Macquarie Rotorcraft Leasing, Inc.	United States
604949144	MACQUARIE SCT PTY LIMITED	Australia
002832126	MACQUARIE SECURITIES (AUSTRALIA) LIMITED	Australia
9131000066438035XT	MACQUARIE SECURITIES (AUSTRALIA) LIMITED SHANGHAI REPRESENTATIVE OFFICE	China
1748511	MACQUARIE SECURITIES (NZ) LIMITED	New Zealand
0105539119915	MACQUARIE SECURITIES (THAILAND) LIMITED	Thailand
728007-6	Macquarie Securities Financing Ltd (Canada)	Canada
104-81-99444	MACQUARIE SECURITIES KOREA LIMITED	Korea, Republic of
003435443	MACQUARIE SECURITIES MANAGEMENT PTY LIMITED	Australia
2006/023546/06	MACQUARIE SECURITIES SOUTH AFRICA LIMITED	South Africa
641342	MACQUARIE SECURITISATION (HONG KONG) LIMITED	Hong Kong
075289002	MACQUARIE SECURITISATION (OBU) PTY LIMITED	Australia
003297336	MACQUARIE SECURITISATION LIMITED	Australia
44	Macquarie Septa (Guernsey), LLP	Guernsey
LP016856	Macquarie Septa (UK) I, LP	United Kingdom
LP016857	Macquarie Septa (UK) II, LP	United Kingdom
	Macquarie Septa (US) I, LLC	United States
	Macquarie Septa Aero, LLC	United States
496224	MACQUARIE SERVICES (HONG KONG) LIMITED	Hong Kong
388231	MACQUARIE SERVICES (MEXICO), S.A. de C.V.	Mexico
27-3610899	Macquarie Services (USA) LLC	United States
608 027 667	MACQUARIE SERVICES PARTNERSHIP PTY LIMITED	Australia
17733	Macquarie Servicios Electricos de Mexico S. de R.L de C.V.	Mexico
11.988.470/001-21	Macquarie Servicios Agrícolas Limitada	Brazil
45-4703789	Macquarie Sierra Investment Holdings Inc.	United States
116582524	MACQUARIE SPECIALISED ACCOMMODATION SOLUTIONS PTY LIMITED	Australia
EC#39329	MACQUARIE SPECIALISED ASSET MANAGEMENT (BERMUDA) LIMITED	Bermuda
075295608	MACQUARIE SPECIALISED ASSET MANAGEMENT 2 LIMITED	Australia
087382965	MACQUARIE SPECIALISED ASSET MANAGEMENT LIMITED	Australia
10325961	Macquarie Specialised Investment Solutions Limited	United Kingdom
125 574 389	MACQUARIE SPECIALIST INVESTMENTS LENDING LIMITED	Australia
46-2151809	Macquarie Storage Investments Inc.	United States
	Macquarie Strategic Funding Holdings Inc.	United States
086587635	MACQUARIE STRUCTURED AND SPECIALIST INVESTMENTS HOLDINGS PTY LIMITED	Australia
HRB 87430	Macquarie Structured Products (Europe) GmbH	Germany
2009/012427/10	Macquarie Structured Products (International) Limited (Registered as an external Company in South Africa)	South Africa
065747417	MACQUARIE STRUCTURED PRODUCTS (INTERNATIONAL) PTY LIMITED	Australia
489855	Macquarie Structured Securities (Europe) Public Limited Company	Ireland
008607038	MACQUARIE SWAN STREET PTY LIMITED	Australia
065309033	MACQUARIE SYNDICATION (NO.12) PTY LIMITED	Australia
080218846	MACQUARIE TECHNOLOGY INVESTMENTS PTY LIMITED	Australia
680639-2	Macquarie Technology Services (Canada) Ltd.	Canada
080472751	MACQUARIE TECHNOLOGY VENTURES PTY LTD	Australia
	Macquarie Texas Loan Holder LLC	United States
008606906	MACQUARIE THIRTY-THIRD AVIATION LEASING PTY. LIMITED	Australia
20-5913622	MACQUARIE TRADING SERVICES INC	United States
11655793	Macquarie Transportation Finance Limited	United Kingdom
11172202	Macquarie Transportation Holdings Limited	United Kingdom
HRB 76979	Macquarie Treuermögen GmbH	Germany
2007/035961/07	Macquarie Trustees South Africa Proprietary Limited	South Africa
008607109	MACQUARIE TWENTIETH AVIATION LEASING PTY. LIMITED	Australia
02579363	Macquarie UK Holdings Limited	United Kingdom
05452920	Macquarie UK Passenger Leasing Limited	United Kingdom
46-1366111	Macquarie US Gas Supply LLC	United States
	Macquarie US MPIP GP LLC	United States
	Macquarie US MPIP LP LLC	United States
3UMP7T.99999.SL.442	Macquarie US Smaller Companies	Luxembourg
45-2856257	Macquarie US Trading LLC	United States
261723	MACQUARIE VEHICLES (NZ) LIMITED	New Zealand
2299526	Macquarie Ventures (Hong Kong) Limited	Hong Kong
HRB 99629	Macquarie Vermögenstreuhand GmbH	Germany

HRB 232580	Macquarie Verwaltungs GmbH	Germany
603 363 220	MACQUARIE WORSLEY HOLDINGS PTY LIMITED	Australia
213181	Macquarie Zhaopin Holdings Limited	Cayman Islands
46-2716036	Macquarie-PowerFin Solar, LLC	United States
619 573 643	MAFCA INVESTMENTS PTY LIMITED	Australia
B 215.119	MAIF 2 Luxembourg GP S.à r.l.	Luxembourg
B 222.868	MAIF2 Executives SCSp	Luxembourg
WK-66690	MALL Partners I, LDC	Cayman Islands
CR-86503	MALL Partners II Limited	Cayman Islands
CR-93169	MALL Partners III Limited	Cayman Islands
	MAP HOLDING TRUST	Australia
432-87-01022	MARU SOLAR COMPANY LIMITED	Korea, Republic of
509 298 634 RCS Paris	MASC (France) SARL	France
LL08078	MASL (Labuan) Limited	Malaysia
446196	MASL Ireland (11) Limited	Ireland
446206	MASL Ireland (13) Limited	Ireland
446207	MASL Ireland (14) Limited	Ireland
446191	MASL Ireland (22) Limited	Ireland
447980	MASL Ireland (28) Limited	Ireland
447981	MASL Ireland (29) Limited	Ireland
447983	MASL Ireland (31) Limited	Ireland
451456	MASL Ireland (34) Limited	Ireland
451173	MASL Ireland (35) Limited	Ireland
446203	MASL Ireland (4) Limited	Ireland
446201	MASL Ireland (6) Limited	Ireland
446200	MASL Ireland (7) Limited	Ireland
446199	MASL Ireland (8) Limited	Ireland
556734-5524	MASL Sweden (1) AB	Sweden
556741-2506	MASL Sweden (8) AB	Sweden
06386342	MASL UK (1) Limited	United Kingdom
2006/000899/07	Mazi Macquarie Securities (RF) Proprietary Limited	South Africa
634817	MBE Operating Company Designated Activity Company	Ireland
	MBL COVERED BOND TRUST	Australia
008607092	MBL REALTY INVESTMENT MANAGEMENT PTY. LIMITED	Australia
363941	MC Capital Group Unlimited Company (in voluntary liquidation)	Ireland
146 752 329	MC EDUCATION HOLDINGS PTY LTD	Australia
26-1386300	MCP Solar Assets Partners I LLC	United States
26-2282798	MCP Solar Assets Partners II LLC	United States
90-1003550	MD - PTH, LLC	United States
	Meadowlark Depositor LLC	United States
	Medical Student Loan Trust	United States
04866246	MEIF (UK) Limited	United Kingdom
SL29421	MEIF 5 Executives LP	United Kingdom
61582	MEIF 5 Guernsey GP Limited	Guernsey
B 205.045	MEIF 5 Luxembourg GP S.à r.l.	Luxembourg
LP19597	MEIF 5 MA LP	United Kingdom
B 230.098	MEIF 6 Executives SCSp	Luxembourg
B224086	MEIF 6 Luxembourg GP S.à r.l.	Luxembourg
B229068	MEIF 6 N1 SCSp	Luxembourg
132 468 734	MELRO HOLDCO PTY LIMITED	Australia
	MEP California Energy Holdings, LLC	United States
	MEP California Energy, LLC	United States
568712	Merino Aerospace Finance 35845 Limited	Ireland
BR018328	Merino Aerospace Finance 35845 Limited, UK Branch	United Kingdom
568713	Merino Aerospace Finance 36566 Limited	Ireland
BR018344	Merino Aerospace Finance 36566 Limited, UK Branch	United Kingdom
568710	Merino Aerospace Finance 36707 Limited	Ireland
568711	Merino Aerospace Finance 4257-1 Limited	Ireland
BR018329	Merino Aerospace Finance 4257-1 Limited, UK Branch	United Kingdom
570137	Merino Aerospace Finance 5482-1 Limited	Ireland
BR018325	Merino Aerospace Finance 5482-1 Limited, UK Branch	United Kingdom
471151	Merino Aerospace Finance 6218 Limited	Ireland
568706	Merino Aerospace Finance 6350 Limited	Ireland
BR018336	Merino Aerospace Finance 6350 Limited, UK Branch	United Kingdom
568714	Merino Aerospace Finance 6375 Limited	Ireland
BR018423	Merino Aerospace Finance 6375 Limited, UK Branch	United Kingdom
568707	Merino Aerospace Finance 6458 Limited	Ireland
BR018322	Merino Aerospace Finance 6458 Limited, UK Branch	United Kingdom
568708	Merino Aerospace Finance 6500 Limited	Ireland
BR018333	Merino Aerospace Finance 6500 Limited, UK Branch	United Kingdom
568709	Merino Aerospace Finance 6538 Limited	Ireland
BR018351	Merino Aerospace Finance 6538 Limited, UK Branch	United Kingdom
	Merino Air Leasing, Inc.	United States
61686	MGIDF Guernsey GP Limited	Guernsey
200708397H	MGJ HOLDINGS PTE. LIMITED	Singapore
20-8983572	MGOP Feeder I GP LLC	United States

58972	MIDF UK1 GUERNSEY GP LIMITED	Guernsey
7	MIDF UK1 LLP	Guernsey
59027	MIDF UK1B GUERNSEY GP LIMITED	Guernsey
61687	MIDF UK2 Guernsey GP Limited	Guernsey
10140440	MIF Holdings Limited	United Kingdom
20-8723490	MIF US Investment Holdings LLC	United States
20-8879012	MIF US INVESTMENT PARTNERSHIP	United States
	MIGS (ECI) AIV, L.P.	United States
	MIGS (ECI) GP, LLC	United States
280849100	MIGS AIV L.P.	Canada
	MIGS II (ECI) AIV, L.P.	United States
	MIGS II (ECI) GP, LLC	United States
281313965	MIGS II AIV, L.P.	Canada
83-2750521	MIGS II IDF PV, L.P.	United States
	MIGS Non-U.S. Staff Investors, L.P.	United States
	MIGS U.S. Staff Investors, L.P.	United States
	MIHI Boxwood Sponsor, LLC	United States
13-3789912	MIHI LLC	United States
38-3938360	MIP III (ECI) GP LLC	United States
	MIP III Tigerfish (Canada) GP LLC	United States
	MIP IV (Canada) GP, LLC	United States
	MIP IV (ECI) Australian Executives, G.P.	United States
	MIP IV (ECI) Carry, L.P.	United States
	MIP IV (ECI) Executives, L.P.	United States
	MIP IV (ECI) Global Executives, L.P.	United States
	MIP IV (ECI) GP, LLC	United States
	MIP IV Executives, L.P.	United States
B 213.745	MIP IV Luxembourg GP S.à r.l.	Luxembourg
	MIP IV Non-U.S. Staff Investors, L.P.	United States
	MIP IV U.S. Staff Investors, L.P.	United States
237-81-01255	MIR SOLAR COMPANY LIMITED	Korea, Republic of
	MIRA Americas, Inc.	United States
HRB 212106	MIRA Beteiligungs GmbH	Germany
	MIRA Infrastructure Global Solution GP LLC	United States
	MIRA Infrastructure Global Solution II GP, LLC	United States
	MIRA Infrastructure Global Solution II, L.P.	United States
62697	MIRA UK Gas Holdings GP Limited	Guernsey
11392304	Mitochon Limited	United Kingdom
0100-02-032951	MJL ACE LTD.	Japan
82-3000316	MLH 650 Oakdale, LLC	United States
82-3448347	MLH Bluff Road Holdings, LLC	United States
	MLH Bluff Road Lot 3, LLC	United States
82-4149757	MLH Logistics DevCo, LLC	United States
82-2986892	MLH Logistics Holdings, LLC	United States
82-3012398	MLH Oakdale Holdings, LLC	United States
20-5336393	Moonstone Lien Investments, LLC	United States
10480217	Moorgate PL Holdings Limited	United Kingdom
08499211	MPF Nominees Limited	United Kingdom
451722	MPFI INVESTMENTS LIMITED (in members' voluntary liquidation)	Ireland
MC-162571	MQ ABSOLUTE RETURN STRATEGIES - ASIA	Cayman Islands
061160558	MQ CAPITAL PTY LIMITED	Australia
600550	MQ PPP Investments Ireland GP Limited	Ireland
086438995	MQ SPECIALIST INVESTMENT MANAGEMENT LIMITED	Australia
U51909MH2012FTC226545	MQG Commodities (India) Private Limited	India
	MRED Lending, LLC	United States
B 214.197	MSCIF Co-Invest SCSp	Luxembourg
B 214.067	MSCIF Luxembourg GP S.à r.l.	Luxembourg
B 216.782	MSCIF Sophisticated Staff Investors Feeder SCSp	Luxembourg
124335333	MTF HOLDINGS PTY LIMITED	Australia
003337675	NANWAY NOMINEES PTY LIMITED	Australia
10266050	NASU Energy Storage Limited	United Kingdom
90-0891597	New Jersey Boardwalk Lien Investments, LLC	United States
B132283	New World Gaming International S.a.r.l	Luxembourg
46-1504548	New York Crystal Swan, LLC	United States
	Newton Solar SPV I LLC	United States
	NewZoom Holdings LLC	United States
	Northeast Property Owner Inc.	United States
610961165	NUIX HOLDING PTY LTD	Australia
496300	Nuix Ireland Limited	Ireland
	Nuix North America Inc	United States
FS201607067	NUIX PHILIPPINES REGIONAL OPERATING HEADQUARTERS	Philippines
201536944Z	NUIX PTE. LTD.	Singapore
117140235	Nuix Pty Ltd	Australia
07945899	Nuix Technology UK Limited	United Kingdom
	Nuix USG Inc	United States
BC0883591	NWG Canada Investments Ltd.	Canada

157723441	NZ MORTGAGES PTY LTD	Australia
3791037	NZ MORTGAGES PTY LTD (Branch Office)	New Zealand
CR-114570	O'Farrell Leasing (Holdings) Ltd.	Cayman Islands
27-4650575	OLF, LLC	United States
26-33383464	One Call Debt Help LLC	United States
131 233 719	OPEN BROADBAND AUSTRALIA PTY LTD	Australia
	OpenFiber Kentucky Company, LLC	United States
113519823	OT HOLDINGS PTY LIMITED	Australia
071982244	PACIFIC RIM OPERATIONS PTY LIMITED	Australia
26-1286651	PADUA MG HOLDINGS LLC	United States
10191100	Parachute Investments Limited	United Kingdom
628 898 153	PATHWAY INVESTMENTS AUSTRALIA PTY LIMITED	Australia
66 531 917 920	PELICAN WAREHOUSE TRUST NO.1	Australia
10662364	Pentland SPV 1 Limited	United Kingdom
10662552	Pentland SPV 2 Limited	United Kingdom
	Permian Water Supply Company LLC	United States
752614982	Petro Tradelinks Inc.	United States
	Pipeline Rehabilitation No.4 Trust	Australia
529690	Poseidon InvestCo GP Ireland Limited	Ireland
603672975	PROPERTYIQ PTY LIMITED	Australia
606 466 675	PROPERTYIQ STRATA PTY LIMITED	Australia
09.03.1.05.73897	PT MACQUARIE COMMODITIES INDONESIA	Indonesia
09.03.1.67.21972	PT MACQUARIE SEKURITAS INDONESIA	Indonesia
09.03.1.70.68374	PT MPM INDONESIA (In Liquidation wef 18/02/2016)	Indonesia
not registered	PUMA GLOBAL TRUST NO.6	Australia
064904212	PUMA MANAGEMENT PTY LIMITED	Australia
	PUMA MASTERFUND P-16	Australia
	PUMA MASTERFUND P-17	Australia
	PUMA Masterfund S-10	Australia
	PUMA MASTERFUND S-11	Australia
	PUMA Masterfund S-12	Australia
	PUMA Masterfund S-13	Australia
	PUMA MASTERFUND S-8	Australia
	PUMA Masterfund S-9	Australia
	PUMA SERIES 2014-1	Australia
	PUMA Series 2014-2	Australia
	PUMA Series 2014-3P	Australia
Not registered	PUMA Series 2014-4P	Australia
	PUMA Series 2015-1	Australia
	PUMA Series 2015-2P	Australia
	PUMA SERIES 2015-3	Australia
	PUMA SERIES 2015-5P	Australia
	PUMA Series 2017-1	Australia
	PUMA Series 2018-1	Australia
	PUMA Series R Trust	Australia
	PUMA Series Trust 2013-1	Australia
	PUMA SUBFUND B-1	Australia
	PUMA Subfund B-2	Australia
	RC Holdings I LLC	United States
	RC Holdings II LLC	United States
26-4167476	Regal Capital Advisors, LLC	United States
26-4203808	Regal Capital Group, LLC	United States
not registered	REGIONAL MEDIA TRUST	Australia
150 449 684	RELOAD WIND FARM PTY LTD	Australia
	RELOAD WIND FARM TRUST	Australia
124947388	RESF NO. 1 PTY LTD	Australia
200921086K	RESOURCE MARINE PTE. LIMITED	Singapore
FC029978	Resource Marine Pte. Limited (UK Establishment)	United Kingdom
23-2828161	Retirement Financial Services, Inc.	United States
114 594 080	REVERSE MORTGAGE SERVICES PTY LTD	Australia
630706	Rijn InvestCo PPP Ireland GP Limited	Ireland
MC-25427	ROC Asia Pacific Private Equity Offshore Fund, L.P.	Cayman Islands
10379378	Ropemaker RB Holdings Limited	United Kingdom
622786	Scheldt Investco PPP Ireland GP Limited	Ireland
201420398Z	SELENE INVESTMENTS SINGAPORE PTE. LTD.	Singapore
622787	Shannon Investco PPP Ireland GP Limited	Ireland
464139	Shichi Limited (in voluntary liquidation)	Ireland
0107-01-017912	SHOWA PLANNING K.K.	Japan
627 172 445	SKYLIGHT DEV CO PTY LIMITED	Australia
627 172 490	SKYLIGHT MID CO PTY LIMITED	Australia
	SKYLIGHT MID TRUST	Australia
627172543	SKYLIGHT PROJECT CO PTY LIMITED	Australia
	SKYLIGHT PROJECT TRUST	Australia
	SKYLIGHT RETAIL NORTH SUB TRUST	Australia
	SKYLIGHT RETAIL SOUTH SUB TRUST	Australia
627172589	SKYLIGHT RN PTY LIMITED	Australia

627 172 614	SKYLIGHT RN SPV PTY LIMITED	Australia
627172641	SKYLIGHT RS PTY LIMITED	Australia
627 172 721	SKYLIGHT RS SPV PTY LIMITED	Australia
	SKYLIGHT SOUTH TOWER SUB TRUST	Australia
627 172 776	SKYLIGHT ST PTY LIMITED	Australia
627 172 829	SKYLIGHT ST SPV PTY LIMITED	Australia
	SMART ABS Series 2014-2E TRUST	Australia
	SMART ABS Series 2014-3PP Trust	Australia
	SMART ABS Series 2014-4 Trust (Terminated)	Australia
	SMART ABS Series 2015-1US Trust	Australia
	SMART ABS Series 2015-2 Trust	Australia
	SMART ABS Series 2015-3US Trust	Australia
	SMART ABS SERIES 2015-4E TRUST	Australia
	SMART ABS Series 2016-1 Trust	Australia
	SMART ABS Series 2016-2US Trust	Australia
	SMART ABS SERIES 2016-3 TRUST	Australia
	SMART ABS Series 2017-1 Trust	Australia
	SMART ABS Series 2017-2 Trust	Australia
	SMART E Trust	Australia
	SMART O Warehouse Trust	Australia
	SMART S Warehouse Trust	Australia
	SMART Series R Trust	Australia
0100-03-023658	SOLAR FIELD 10 G.K.	Japan
11729534	Sole Renewables Limited	United Kingdom
11218550	Sonne Solar Limited	United Kingdom
638-86-01088	SOSU SOLAR COMPANY LIMITED	Korea, Republic of
80-0852389	South Carolina Sandy Tyger Investments, LLC	United States
	Southport POA Logistics Park, Inc.	United States
	Sparks Battery Holdings 2, LLC	United States
	Sparks Battery Holdings, LLC	United States
	Specialty Finance Holdings, Inc.	United States
	Sterling TC Holdings LLC	United States
	Sterling TC Property Owner LLC	United States
34298324	Stichting Security Trustee E-MAC DE 2009-I	Netherlands
	Summer Housing SDA Trust	Australia
	Summerset Holdings LLC	United States
	Summerset Intermediate Holdings 2 LLC	United States
	Summerset Property Owner LLC	United States
379-88-01242	SURI SOLAR COMPANY LIMITED	Korea, Republic of
MC189033	SYNTHETIC ASSET FUNDING ENTITY 2 LIMITED	Cayman Islands
	TA Trust	Australia
26-1233254	TAURUS AEROSPACE GROUP INC.	United States
20-5474013	Tax Ease CA, LLC	United States
37-1750174	Tax Ease Company LLC	United States
20-2937172	Tax Ease Employee Services Company LLC	United States
75-3130882	Tax Ease Financial Services, LP	United States
41-2228674	Tax Ease FL REO, LLC	United States
75-3130887	Tax Ease Funding GP LLC	United States
90-0909796	Tax Ease Funding Two, LLC	United States
75-3130885	Tax Ease Funding, LLC	United States
20-2937047	Tax Ease Holdings LLC	United States
20-2937080	Tax Ease Lien Investments 1, LLC	United States
26-4377481	Tax Ease Lien Servicing, LLC	United States
46-5586117	Tax Ease NV LLC	United States
20-2937103	Tax Ease Ohio, LLC	United States
42-1664041	Tax Ease PA, LLC	United States
	Tax Ease REO I, LLC	United States
	Tax Ease REO II, LLC	United States
113508160	TELBANE 2 PTY LIMITED	Australia
070142951	TELBANE PTY LTD	Australia
624 080 404	TELCO TWO PTY LIMITED	Australia
OC315196	The Bluebell Transportation LLP	United Kingdom
OC315171	The Goonzaran LLP	United Kingdom
IT1935/08	THE MACQUARIE TOPI40 INVESTMENT TRUST	South Africa
IT1872/2007	THE MF TRUST	South Africa
80-0939458	TN - PTH, LLC	United States
	TRAMS ABS Series 2015-1	Australia
2012853459	Tristone Capital Global Inc.	Canada
208568022	Tristone Capital Inc.	Canada
1782120	Tristone Capital SA (Argentine Branch)	Argentina
2012712838	Tristone Capital SA Ltd	Canada
09243327	UK Green Community Lending Limited	United Kingdom
09299753	UK Green Investment (OSW) GP Limited	United Kingdom
SC424067	UK Green Investment Bank Limited	United Kingdom
09568027	UK Green Investment Climate International Limited	United Kingdom
09648750	UK NPD Investments GP Limited	United Kingdom

10636785	UK Platform GP Limited	United Kingdom
10637715	UK Platform Partner Limited	United Kingdom
09316859	UK PPP Investments GP Limited	United Kingdom
566-88-00866	ULSAN FLOATING OFFSHORE WIND POWER CO., LTD.	Korea, Republic of
085359833	UPL (SA) PTY LIMITED	Australia
081119495	URBAN PACIFIC PTY LIMITED	Australia
000032134118	Urja Seventh B.V.	Netherlands
03705740	Utility Metering Services Limited	United Kingdom
	Watt Battery Holdings, LLC	United States
B225029	WAW CED Sarl	Luxembourg
WK-166995	West Portal Leasing Limited	Cayman Islands
	Willow Depositor LLC	United States
20-2937224	Winslow Lien Investments, LLC	United States
054813080	WOODROSS NOMINEES PTY. LIMITED	Australia
0100-03-024202	YAMATO CHO SOYO FURYOKU HATSUDEN G.K.	Japan
127338783	YENDON WINDFARM PTY LTD	Australia
1449995	Yorkton Capital Partners II Inc.	Canada
1430727	Yorkton Capital Partners Inc.	Canada

## ANNEXURE 'B'

This is the annexure marked 'B' of 12 page(s) referred to in the Notice of initial substantial holder.

Dennis Leong  
Company Secretary, Macquarie Group Limited  
22 January 2019

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
14-Sep-18	MBL	Borrow Delivery	AUD4.431	316,000	FPO	316,000
14-Sep-18	MBL	On Market Sale	AUD \$4.16	-1,552	FPO	1,552
14-Sep-18	MBL	On Market Purchase	AUD \$4.29	13,374	FPO	13,374
14-Sep-18	MBL	On Market Purchase	AUD \$4.32	9,673	FPO	9,673
14-Sep-18	MBL	On Market Sale	AUD \$4.26	-8,813	FPO	8,813
17-Sep-18	MIML	On market purchase	AUD 4.11	469	FPO	469
17-Sep-18	MBL	On Market Sale	AUD \$4.07	-3,964	FPO	3,964
17-Sep-18	MBL	On Market Purchase	AUD \$4.11	6,120	FPO	6,120
17-Sep-18	MBL	On Market Sale	AUD \$4.16	-18,077	FPO	18,077
18-Sep-18	MIMAL	On market sale	AUD 3.92	-290	FPO	290
18-Sep-18	MBL	Borrow Delivery	AUD4.536	38,000	FPO	38,000
18-Sep-18	MBL	On Market Purchase	AUD \$3.92	8,400	FPO	8,400
18-Sep-18	MBL	On Market Purchase	AUD \$3.91	1,129	FPO	1,129
18-Sep-18	MBL	On Market Sale	AUD \$4.08	-527	FPO	527
18-Sep-18	MBL	On Market Sale	AUD \$3.85	-628	FPO	628
19-Sep-18	MIML	On market sale	AUD 3.99	-2,155	FPO	2,155
19-Sep-18	MIML	On market sale	AUD 3.99	-3,816	FPO	3,816
19-Sep-18	MIML	On market sale	AUD 3.99	-1,357	FPO	1,357
19-Sep-18	MIML	On market sale	AUD 3.99	-2,046	FPO	2,046
19-Sep-18	MIML	On market sale	AUD 3.99	-4,879	FPO	4,879
19-Sep-18	MIML	On market sale	AUD 3.99	-3,997	FPO	3,997
19-Sep-18	MIML	On market sale	AUD 3.99	-6,434	FPO	6,434
19-Sep-18	MIML	On market sale	AUD 3.99	-469	FPO	469
19-Sep-18	MIML	On market sale	AUD 3.99	-994	FPO	994
19-Sep-18	MIML	On market sale	AUD 3.99	-309	FPO	309
19-Sep-18	MIML	On market sale	AUD 3.99	-1,926	FPO	1,926
19-Sep-18	MIML	On market sale	AUD 3.99	-6,586	FPO	6,586
19-Sep-18	MIML	On market sale	AUD 3.99	-5,646	FPO	5,646
19-Sep-18	MIML	On market sale	AUD 3.99	-4,226	FPO	4,226
19-Sep-18	MIML	On market sale	AUD 3.99	-2,140	FPO	2,140
19-Sep-18	MIML	On market sale	AUD 3.99	-7,329	FPO	7,329
19-Sep-18	MIML	On market sale	AUD 3.99	-729	FPO	729
19-Sep-18	MIML	On market sale	AUD 3.99	-4,551	FPO	4,551
19-Sep-18	MIML	On market sale	AUD 3.99	-629	FPO	629
19-Sep-18	MIML	On market sale	AUD 3.99	-629	FPO	629
19-Sep-18	MIML	On market sale	AUD 3.99	-1,538	FPO	1,538
19-Sep-18	MIML	On market sale	AUD 3.99	-2,853	FPO	2,853
19-Sep-18	MIML	On market purchase	AUD 4.00	1,500	FPO	1,500
19-Sep-18	MBL	Borrow Delivery	AUD4.2735	255,000	FPO	255,000
19-Sep-18	MBL	On Market Purchase	AUD \$3.92	48,149	FPO	48,149
19-Sep-18	MBL	On Market Purchase	AUD \$3.99	3,204	FPO	3,204
19-Sep-18	MBL	On Market Sale	AUD \$4.02	-484	FPO	484
20-Sep-18	MIMAL	On market sale	AUD 3.95	-634	FPO	634
20-Sep-18	MBL	Borrow Delivery	AUD4.116	11,890	FPO	11,890
20-Sep-18	MBL	Borrow Delivery	AUD4.116	573,110	FPO	573,110
20-Sep-18	MBL	On Market Sale	AUD \$3.94	-2,779	FPO	2,779
20-Sep-18	MBL	Off Market Purchase	AUD \$3.95	393,687	FPO	393,687
20-Sep-18	MBL	On Market Sale	AUD \$3.93	-14,382	FPO	14,382
20-Sep-18	MBL	On Market Sale	AUD \$3.95	-393,687	FPO	393,687

20-Sep-18	MBL	On Market Purchase	AUD \$3.97	9,289	FPO	9,289
20-Sep-18	MBL	Off Market Sale	AUD \$3.95	-393,687	FPO	393,687
20-Sep-18	MBL	Off Market Purchase	AUD \$3.95	492,213	FPO	492,213
20-Sep-18	MBL	On Market Sale	AUD \$3.95	-45	FPO	45
20-Sep-18	MBL	Off Market Sale	AUD \$3.95	-492,213	FPO	492,213
21-Sep-18	MIML	On market purchase	AUD 3.97	3,500	FPO	3,500
21-Sep-18	MIMAL	On market sale	AUD 4.04	-3,380	FPO	3,380
21-Sep-18	MIMAL	On market purchase	AUD 4.04	563	FPO	563
21-Sep-18	MIMAL	On market sale	AUD 4.04	-481	FPO	481
21-Sep-18	MBL	Borrow Delivery	AUD4.1895	108,750	FPO	108,750
21-Sep-18	MBL	Borrow Delivery	AUD4.1895	469,250	FPO	469,250
21-Sep-18	MBL	Off Market Purchase	AUD \$4.04	20	FPO	20
21-Sep-18	MBL	On Market Sale	AUD \$4.04	-15,979	FPO	15,979
21-Sep-18	MBL	Off Market Sale	AUD \$4.04	-20	FPO	20
21-Sep-18	MBL	Off Market Sale	AUD \$4.04	-28	FPO	28
21-Sep-18	MBL	On Market Sale	AUD \$4.00	-7	FPO	7
21-Sep-18	MBL	On Market Sale	AUD \$4.01	-21	FPO	21
21-Sep-18	MBL	On Market Sale	AUD \$4.00	-1,077	FPO	1,077
21-Sep-18	MBL	Off Market Purchase	AUD \$4.04	28	FPO	28
21-Sep-18	MBL	On Market Purchase	AUD \$3.95	32,383	FPO	32,383
21-Sep-18	MBL	On Market Sale	AUD \$4.04	-20	FPO	20
24-Sep-18	MBL	Collateral Receive	GBP 4.04	12,000	FPO	12,000
24-Sep-18	MIMAL	On market sale	AUD 4.05	-206	FPO	206
24-Sep-18	MBL	Borrow Delivery	AUD4.1475	57,079	FPO	57,079
24-Sep-18	MBL	Borrow Delivery	AUD4.1475	308,921	FPO	308,921
24-Sep-18	MBL	On Market Purchase	AUD \$4.06	2,249	FPO	2,249
24-Sep-18	MBL	On Market Sale	AUD \$4.06	-2,953	FPO	2,953
24-Sep-18	MBL	On Market Purchase	AUD \$4.05	4,654	FPO	4,654
25-Sep-18	MIMAL	On market sale	AUD 3.99	-326	FPO	326
25-Sep-18	MBL	On Market Sale	AUD \$4.00	-1,065	FPO	1,065
25-Sep-18	MBL	On Market Purchase	AUD \$3.99	2,629	FPO	2,629
25-Sep-18	MBL	On Market Sale	AUD \$3.98	-768	FPO	768
25-Sep-18	MBL	On Market Purchase	AUD \$4.02	240	FPO	240
26-Sep-18	MIMAL	On market purchase	AUD 3.94	14,518	FPO	14,518
26-Sep-18	MBL	Borrow Delivery	AUD4.4	91,168	FPO	91,168
26-Sep-18	MBL	Borrow Delivery	AUD4.2525	143,719	FPO	143,719
26-Sep-18	MBL	Borrow Delivery	AUD4.2525	73,113	FPO	73,113
26-Sep-18	MBL	On Market Purchase	AUD \$3.94	904	FPO	904
26-Sep-18	MBL	On Market Sale	AUD \$3.94	-2,386	FPO	2,386
26-Sep-18	MBL	On Market Sale	AUD \$3.93	-1,598	FPO	1,598
27-Sep-18	MBL	On Market Purchase	AUD \$4.17	409	FPO	409
27-Sep-18	MBL	On Market Sale	AUD \$4.15	-2,427	FPO	2,427
27-Sep-18	MBL	On Market Purchase	AUD \$4.13	10,612	FPO	10,612
28-Sep-18	MBL	Borrow Delivery	AUD4.3785	5,000	FPO	5,000
28-Sep-18	MBL	Borrow Delivery	AUD4.25	32,973	FPO	32,973
28-Sep-18	MBL	Borrow Delivery	AUD4.1265	163,924	FPO	163,924
28-Sep-18	MBL	Borrow Delivery	AUD4.1265	50,103	FPO	50,103
28-Sep-18	MBL	On Market Purchase	AUD \$4.05	193	FPO	193
28-Sep-18	MBL	On Market Purchase	AUD \$4.01	8,670	FPO	8,670
28-Sep-18	MBL	On Market Purchase	AUD \$4.09	406	FPO	406
28-Sep-18	MBL	On Market Purchase	AUD \$4.20	1,121	FPO	1,121
28-Sep-18	MBL	On Market Sale	AUD \$4.08	-21,870	FPO	21,870
28-Sep-18	MBL	On Market Purchase	AUD \$4.10	6,409	FPO	6,409
28-Sep-18	MBL	On Market Purchase	AUD \$4.10	85	FPO	85
28-Sep-18	MBL	On Market Purchase	AUD \$4.18	1,263	FPO	1,263
28-Sep-18	MBL	On Market Purchase	AUD \$4.14	492	FPO	492
01-Oct-18	MBL	On Market Sale	AUD \$3.98	-3,387	FPO	3,387
01-Oct-18	MBL	On Market Purchase	AUD \$3.95	183	FPO	183
01-Oct-18	MBL	On Market Purchase	AUD \$3.94	1,502	FPO	1,502
01-Oct-18	MBL	On Market Sale	AUD \$4.01	-120	FPO	120
02-Oct-18	MIML	On market sale	AUD 4.00	-1,000	FPO	1,000
02-Oct-18	MBL	Borrow Delivery	AUD4.137	239,027	FPO	239,027
02-Oct-18	MBL	Borrow Delivery	AUD4.137	4,027	FPO	4,027
02-Oct-18	MBL	Borrow Delivery	AUD4.137	10,368	FPO	10,368

02-Oct-18	MBL	Borrow Delivery	AUD4.137	11,050	FPO	11,050
02-Oct-18	MBL	Borrow Delivery	AUD4.137	6,555	FPO	6,555
02-Oct-18	MBL	Borrow Delivery	AUD4.2552	27,973	FPO	27,973
02-Oct-18	MBL	Borrow Return	AUD4.137	-222,267	FPO	222,267
02-Oct-18	MBL	Borrow Delivery	AUD4.2105	222,267	FPO	222,267
02-Oct-18	MBL	Borrow Return	AUD4.137	-16,760	FPO	16,760
02-Oct-18	MBL	Borrow Delivery	AUD4.2105	16,760	FPO	16,760
02-Oct-18	MBL	Borrow Return	USD3.043619	-20,000	FPO	20,000
02-Oct-18	MBL	Borrow Return	GBP2.335295	-85,000	FPO	85,000
02-Oct-18	MBL	On Market Sale	AUD \$4.03	-1,511	FPO	1,511
02-Oct-18	MBL	On Market Sale	AUD \$4.04	-3,175	FPO	3,175
02-Oct-18	MBL	On Market Sale	AUD \$3.94	-214	FPO	214
02-Oct-18	MBL	On Market Purchase	AUD \$4.01	1,872	FPO	1,872
03-Oct-18	MIML	On market purchase	AUD 3.92	2,531	FPO	2,531
03-Oct-18	MBL	On Market Sale	AUD \$3.89	-1,817	FPO	1,817
03-Oct-18	MBL	On Market Purchase	AUD \$3.98	1,671	FPO	1,671
03-Oct-18	MBL	On Market Sale	AUD \$3.89	-4,572	FPO	4,572
03-Oct-18	MBL	On Market Purchase	AUD \$3.90	1,073	FPO	1,073
03-Oct-18	MBL	On Market Sale	AUD \$4.01	-1,525	FPO	1,525
04-Oct-18	MBL	Borrow Delivery	AUD4.212	124,141	FPO	124,141
04-Oct-18	MBL	Borrow Delivery	AUD4.242	138,278	FPO	138,278
04-Oct-18	MBL	Borrow Delivery	AUD4.242	131,722	FPO	131,722
04-Oct-18	MBL	Borrow Return	AUD4.25	-32,973	FPO	32,973
04-Oct-18	MBL	Borrow Return	AUD4.25	-91,168	FPO	91,168
04-Oct-18	MBL	On Market Sale	AUD \$3.94	-6,991	FPO	6,991
04-Oct-18	MBL	On Market Purchase	AUD \$3.92	1,592	FPO	1,592
04-Oct-18	MBL	On Market Purchase	AUD \$3.90	2,445	FPO	2,445
04-Oct-18	MBL	On Market Sale	AUD \$3.90	-483	FPO	483
05-Oct-18	MBL	On Market Purchase	AUD \$3.95	6,052	FPO	6,052
05-Oct-18	MBL	On Market Sale	AUD \$3.97	-21	FPO	21
05-Oct-18	MBL	On Market Purchase	AUD \$3.89	896	FPO	896
05-Oct-18	MBL	On Market Sale	AUD \$3.96	-415	FPO	415
08-Oct-18	MBL	Borrow Delivery	AUD4.137	172,678	FPO	172,678
08-Oct-18	MBL	Borrow Delivery	AUD4.137	40,322	FPO	40,322
08-Oct-18	MBL	Off Market Purchase	AUD \$3.92	1,043	FPO	1,043
08-Oct-18	MBL	On Market Sale	AUD \$3.94	-9,617	FPO	9,617
08-Oct-18	MBL	On Market Sale	AUD \$3.93	-1,923	FPO	1,923
08-Oct-18	MBL	On Market Purchase	AUD \$3.95	93	FPO	93
08-Oct-18	MBL	Off Market Sale	AUD \$3.92	-1,043	FPO	1,043
08-Oct-18	MBL	On Market Sale	AUD \$3.95	-354	FPO	354
09-Oct-18	MIMAL	On market sale	AUD 3.92	-19,675	FPO	19,675
09-Oct-18	MBL	On Market Sale	AUD \$3.92	-4,553	FPO	4,553
09-Oct-18	MBL	On Market Purchase	AUD \$3.93	2,283	FPO	2,283
09-Oct-18	MBL	On Market Sale	AUD \$3.94	-1,396	FPO	1,396
09-Oct-18	MBL	On Market Sale	AUD \$3.92	-2,480	FPO	2,480
09-Oct-18	MBL	On Market Sale	AUD \$3.94	-101	FPO	101
09-Oct-18	MBL	On Market Purchase	AUD \$3.93	224	FPO	224
09-Oct-18	MBL	On Market Sale	AUD \$3.94	-1,559	FPO	1,559
10-Oct-18	MIMAL	On market sale	AUD 3.95	-21,804	FPO	21,804
10-Oct-18	MBL	Borrow Delivery	AUD3.94	125,500	FPO	125,500
10-Oct-18	MBL	On Market Sale	AUD \$3.92	-7,359	FPO	7,359
10-Oct-18	MBL	On Market Sale	AUD \$3.91	-900	FPO	900
10-Oct-18	MBL	On Market Sale	AUD \$3.91	-2,139	FPO	2,139
10-Oct-18	MBL	On Market Sale	AUD \$3.98	-2,022	FPO	2,022
10-Oct-18	MBL	On Market Purchase	AUD \$3.92	264	FPO	264
10-Oct-18	MBL	On Market Sale	AUD \$3.90	-1,405	FPO	1,405
10-Oct-18	MBL	On Market Sale	AUD \$3.95	-2,706	FPO	2,706
11-Oct-18	MIML	On market purchase	AUD 3.76	2,620	FPO	2,620
11-Oct-18	MIMAL	On market purchase	AUD 3.75	1,804	FPO	1,804
11-Oct-18	MBL	Borrow Delivery	AUD4.116	8,000	FPO	8,000
11-Oct-18	MBL	On Market Sale	AUD \$3.77	-101	FPO	101
11-Oct-18	MBL	On Market Sale	AUD \$3.75	-96	FPO	96
11-Oct-18	MBL	On Market Sale	AUD \$3.78	-101	FPO	101
11-Oct-18	MBL	On Market Sale	AUD \$3.74	-3,694	FPO	3,694

12-Oct-18	MBL	Collateral Receive Return	GBP 3.95	-12,000	FPO	12,000
12-Oct-18	MBL	Borrow Delivery	AUD4.1475	10,261	FPO	10,261
12-Oct-18	MBL	Borrow Delivery	AUD4.1475	2,739	FPO	2,739
12-Oct-18	MBL	Borrow Delivery	AUD4.1475	123,018	FPO	123,018
12-Oct-18	MBL	Borrow Delivery	AUD4.1475	43,881	FPO	43,881
12-Oct-18	MBL	Borrow Delivery	AUD3.95	49,101	FPO	49,101
12-Oct-18	MBL	Borrow Return	GBP2.226013	-843	FPO	843
12-Oct-18	MBL	On Market Sale	AUD \$3.70	-9,567	FPO	9,567
12-Oct-18	MBL	Off Market Sale	AUD \$3.75	-1	FPO	1
12-Oct-18	MBL	On Market Sale	AUD \$3.76	-1,032	FPO	1,032
12-Oct-18	MBL	On Market Purchase	AUD \$3.71	8,083	FPO	8,083
12-Oct-18	MBL	On Market Sale	AUD \$3.70	-1,086	FPO	1,086
12-Oct-18	MBL	On Market Sale	AUD \$3.80	-303	FPO	303
12-Oct-18	MBL	On Market Sale	AUD \$3.69	-200	FPO	200
12-Oct-18	MBL	On Market Sale	AUD \$3.68	-960	FPO	960
12-Oct-18	MBL	On Market Sale	AUD \$3.70	-949	FPO	949
12-Oct-18	MBL	Off Market Purchase	AUD \$3.75	1	FPO	1
12-Oct-18	MBL	On Market Purchase	AUD \$3.70	247	FPO	247
12-Oct-18	MBL	On Market Sale	AUD \$3.80	-101	FPO	101
12-Oct-18	MBL	On Market Sale	AUD \$3.68	-2,245	FPO	2,245
12-Oct-18	MBL	On Market Sale	AUD \$3.75	-12,929	FPO	12,929
12-Oct-18	MBL	On Market Sale	AUD \$3.72	-8,675	FPO	8,675
12-Oct-18	MBL	On Market Sale	AUD \$3.71	-1,155	FPO	1,155
12-Oct-18	MBL	On Market Sale	AUD \$3.68	-1,702	FPO	1,702
12-Oct-18	MBL	On Market Sale	AUD \$3.69	-978	FPO	978
15-Oct-18	MBL	Borrow Delivery	AUD3.927	104,000	FPO	104,000
15-Oct-18	MBL	On Market Sale	AUD \$3.75	-10,639	FPO	10,639
15-Oct-18	MBL	On Market Sale	AUD \$3.86	-919	FPO	919
15-Oct-18	MBL	On Market Sale	AUD \$3.94	-126	FPO	126
15-Oct-18	MBL	On Market Sale	AUD \$3.94	-462	FPO	462
15-Oct-18	MBL	On Market Sale	AUD \$3.94	-1,159	FPO	1,159
15-Oct-18	MBL	On Market Sale	AUD \$3.89	-6,907	FPO	6,907
15-Oct-18	MBL	On Market Sale	AUD \$3.92	-1,005	FPO	1,005
15-Oct-18	MBL	On Market Sale	AUD \$3.93	-285	FPO	285
15-Oct-18	MBL	On Market Sale	AUD \$3.89	-4,574	FPO	4,574
15-Oct-18	MBL	On Market Sale	AUD \$3.95	-1,283	FPO	1,283
15-Oct-18	MBL	On Market Sale	AUD \$3.93	-1,098	FPO	1,098
15-Oct-18	MBL	On Market Sale	AUD \$3.92	-5,026	FPO	5,026
15-Oct-18	MBL	On Market Purchase	AUD \$3.94	18,092	FPO	18,092
15-Oct-18	MBL	On Market Sale	AUD \$3.76	-10,453	FPO	10,453
16-Oct-18	MIML	On market purchase	AUD 3.95	1,480	FPO	1,480
16-Oct-18	MIMAL	On market purchase	AUD 3.97	54,068	FPO	54,068
16-Oct-18	MBL	Borrow Delivery	AUD4.0845	6,000	FPO	6,000
16-Oct-18	MBL	Borrow Delivery	AUD3.95	33,000	FPO	33,000
16-Oct-18	MBL	On Market Sale	AUD \$3.80	-3,172	FPO	3,172
16-Oct-18	MBL	On Market Purchase	AUD \$3.97	886	FPO	886
16-Oct-18	MBL	On Market Purchase	AUD \$3.83	2,573	FPO	2,573
16-Oct-18	MBL	On Market Sale	AUD \$3.79	-1,175	FPO	1,175
16-Oct-18	MBL	On Market Sale	AUD \$3.82	-252	FPO	252
16-Oct-18	MBL	On Market Sale	AUD \$3.81	-1,970	FPO	1,970
17-Oct-18	MBL	Borrow Delivery	AUD4.0845	20,000	FPO	20,000
17-Oct-18	MBL	On Market Sale	AUD \$3.96	-610	FPO	610
17-Oct-18	MBL	On Market Purchase	AUD \$3.99	152	FPO	152
17-Oct-18	MBL	On Market Purchase	AUD \$3.98	5,725	FPO	5,725
17-Oct-18	MBL	On Market Sale	AUD \$3.99	-877	FPO	877
17-Oct-18	MBL	On Market Sale	AUD \$3.94	-5,176	FPO	5,176
17-Oct-18	MBL	On Market Sale	AUD \$4.02	-877	FPO	877
18-Oct-18	MIML	On market purchase	AUD 3.95	2,450	FPO	2,450
18-Oct-18	MBL	Borrow Delivery	AUD4.1685	10,000	FPO	10,000
18-Oct-18	MBL	On Market Sale	AUD \$3.97	-13	FPO	13
18-Oct-18	MBL	Off Market Purchase	AUD \$3.97	1	FPO	1
18-Oct-18	MBL	On Market Purchase	AUD \$3.93	1,118	FPO	1,118
18-Oct-18	MBL	On Market Purchase	AUD \$3.98	1,441	FPO	1,441
18-Oct-18	MBL	On Market Sale	AUD \$3.95	-11,905	FPO	11,905

18-Oct-18	MBL	Off Market Sale	AUD \$3.97	-1	FPO	1
19-Oct-18	MBL	Borrow Delivery	AUD3.98	9,385	FPO	9,385
19-Oct-18	MBL	Borrow Delivery	AUD4.179	40,114	FPO	40,114
19-Oct-18	MBL	Borrow Delivery	AUD4.179	105,101	FPO	105,101
19-Oct-18	MBL	On Market Sale	AUD \$4.01	-250	FPO	250
19-Oct-18	MBL	On Market Purchase	AUD \$4.03	6,846	FPO	6,846
19-Oct-18	MBL	On Market Purchase	AUD \$4.07	975	FPO	975
22-Oct-18	MBL	Borrow Delivery	AUD4.1685	10,000	FPO	10,000
22-Oct-18	MBL	On Market Sale	AUD \$3.93	-8,695	FPO	8,695
22-Oct-18	MBL	On Market Sale	AUD \$3.89	-10	FPO	10
23-Oct-18	MBL	Off Market Purchase	AUD \$3.85	11	FPO	11
23-Oct-18	MBL	Off Market Sale	AUD \$3.85	-11	FPO	11
23-Oct-18	MBL	On Market Purchase	AUD \$3.97	255	FPO	255
23-Oct-18	MBL	On Market Sale	AUD \$3.87	-1,483	FPO	1,483
23-Oct-18	MBL	On Market Sale	AUD \$3.85	-1,629	FPO	1,629
24-Oct-18	MIML	On market purchase	AUD 3.80	2,850	FPO	2,850
24-Oct-18	MIML	On market purchase	AUD 3.84	2,050	FPO	2,050
24-Oct-18	MBL	Borrow Delivery	AUD4.0845	10,000	FPO	10,000
24-Oct-18	MBL	On Market Sale	AUD \$3.81	-4,178	FPO	4,178
24-Oct-18	MBL	On Market Sale	AUD \$3.82	-2,474	FPO	2,474
25-Oct-18	MBL	Off Market Purchase	AUD \$3.64	1	FPO	1
25-Oct-18	MBL	On Market Sale	AUD \$3.64	-13,558	FPO	13,558
25-Oct-18	MBL	On Market Purchase	AUD \$3.73	800	FPO	800
25-Oct-18	MBL	On Market Sale	AUD \$3.65	-1,054	FPO	1,054
25-Oct-18	MBL	On Market Sale	AUD \$3.67	-1,919	FPO	1,919
25-Oct-18	MBL	Off Market Sale	AUD \$3.64	-1	FPO	1
25-Oct-18	MBL	On Market Purchase	AUD \$3.74	1,248	FPO	1,248
25-Oct-18	MBL	On Market Sale	AUD \$3.68	-1,087	FPO	1,087
26-Oct-18	MIML	Transfer in - client account	AUD 0.00	5,316	FPO	5,316
26-Oct-18	MIML	Transfer out - client account	AUD 0.00	-5,316	FPO	5,316
26-Oct-18	MBL	Borrow Delivery	AUD4.011	79,068	FPO	79,068
26-Oct-18	MBL	Borrow Delivery	AUD4.011	11,932	FPO	11,932
26-Oct-18	MBL	On Market Sale	AUD \$3.74	-944	FPO	944
26-Oct-18	MBL	On Market Purchase	AUD \$3.67	9,965	FPO	9,965
26-Oct-18	MBL	On Market Sale	AUD \$3.68	-8,986	FPO	8,986
26-Oct-18	MBL	On Market Sale	AUD \$3.68	-2,200	FPO	2,200
26-Oct-18	MBL	On Market Sale	AUD \$3.79	-932	FPO	932
26-Oct-18	MBL	On Market Sale	AUD \$3.67	-8,713	FPO	8,713
29-Oct-18	MBL	Borrow Delivery	AUD3.822	15,000	FPO	15,000
29-Oct-18	MBL	On Market Sale	AUD \$3.58	-8,200	FPO	8,200
29-Oct-18	MBL	On Market Purchase	AUD \$3.60	1,169	FPO	1,169
29-Oct-18	MBL	On Market Purchase	AUD \$3.61	5,529	FPO	5,529
30-Oct-18	MBL	Borrow Delivery	AUD3.8535	16,342	FPO	16,342
30-Oct-18	MBL	Borrow Delivery	AUD3.8535	2,658	FPO	2,658
30-Oct-18	MBL	On Market Purchase	AUD \$3.58	11,409	FPO	11,409
30-Oct-18	MBL	On Market Sale	AUD \$3.51	-7,275	FPO	7,275
30-Oct-18	MBL	On Market Purchase	AUD \$3.56	2,337	FPO	2,337
31-Oct-18	MIML	On market sale	AUD 3.60	-5,037	FPO	5,037
31-Oct-18	MIMAL	On market purchase	AUD 3.6	2,764	FPO	2,764
31-Oct-18	MBL	Borrow Return	AUD3.7905	-15,000	FPO	15,000
31-Oct-18	MBL	On Market Sale	AUD \$3.58	-704	FPO	704
31-Oct-18	MBL	On Market Purchase	AUD \$3.62	17,712	FPO	17,712
31-Oct-18	MBL	On Market Sale	AUD \$3.60	-419	FPO	419
31-Oct-18	MBL	On Market Sale	AUD \$3.61	-1,418	FPO	1,418
31-Oct-18	MBL	Off Market Sale	AUD \$3.63	-2,321	FPO	2,321
31-Oct-18	MBL	On Market Sale	AUD \$3.53	-3,024	FPO	3,024
31-Oct-18	MBL	On Market Sale	AUD \$3.60	-11,177	FPO	11,177
31-Oct-18	MBL	On Market Sale	AUD \$3.58	-1,301	FPO	1,301
31-Oct-18	MBL	On Market Sale	AUD \$3.58	-252	FPO	252
31-Oct-18	MBL	On Market Sale	AUD \$3.64	-1,181	FPO	1,181
31-Oct-18	MBL	On Market Sale	AUD \$3.59	-350	FPO	350
31-Oct-18	MBL	On Market Sale	AUD \$3.61	-721	FPO	721
31-Oct-18	MBL	Off Market Purchase	AUD \$3.63	2,321	FPO	2,321
31-Oct-18	MBL	On Market Sale	AUD \$3.60	-1,349	FPO	1,349

31-Oct-18	MBL	On Market Sale	AUD \$3.60	-303	FPO	303
31-Oct-18	MBL	On Market Sale	AUD \$3.60	-1,730	FPO	1,730
31-Oct-18	MBL	On Market Sale	AUD \$3.60	-983	FPO	983
01-Nov-18	MBL	Borrow Return	AUD3.759	-18,000	FPO	18,000
01-Nov-18	MBL	Borrow Return	AUD3.58	-25,000	FPO	25,000
01-Nov-18	MBL	On Market Sale	AUD \$3.63	-10,966	FPO	10,966
01-Nov-18	MBL	On Market Sale	AUD \$3.71	-1,106	FPO	1,106
01-Nov-18	MBL	On Market Sale	AUD \$3.76	-8,447	FPO	8,447
01-Nov-18	MBL	On Market Purchase	AUD \$3.69	9,276	FPO	9,276
02-Nov-18	MBL	Borrow Delivery	AUD3.78	3,000	FPO	3,000
02-Nov-18	MBL	On Market Sale	AUD \$3.75	-5,714	FPO	5,714
02-Nov-18	MBL	On Market Sale	AUD \$3.73	-1,514	FPO	1,514
02-Nov-18	MBL	On Market Purchase	AUD \$3.83	10,404	FPO	10,404
05-Nov-18	MIMAL	On market sale	AUD 3.83	-762	FPO	762
05-Nov-18	MIMAL	On market sale	AUD 3.84	-48,688	FPO	48,688
05-Nov-18	MBL	Borrow Delivery	AUD3.948	9,086	FPO	9,086
05-Nov-18	MBL	Borrow Delivery	AUD3.948	1,914	FPO	1,914
05-Nov-18	MBL	On Market Purchase	AUD \$3.84	143	FPO	143
05-Nov-18	MBL	On Market Sale	AUD \$3.77	-258	FPO	258
05-Nov-18	MBL	On Market Sale	AUD \$3.69	-3,304	FPO	3,304
05-Nov-18	MBL	On Market Purchase	AUD \$3.78	1,313	FPO	1,313
06-Nov-18	MBL	Off Market Sale	AUD \$3.90	-66,107	FPO	66,107
06-Nov-18	MBL	On Market Purchase	AUD \$3.90	1,076	FPO	1,076
06-Nov-18	MBL	On Market Sale	AUD \$3.93	-635	FPO	635
06-Nov-18	MBL	Off Market Purchase	AUD \$3.90	66,107	FPO	66,107
06-Nov-18	MBL	On Market Sale	AUD \$3.92	-66,107	FPO	66,107
06-Nov-18	MBL	On Market Purchase	AUD \$3.94	270	FPO	270
06-Nov-18	MBL	On Market Sale	AUD \$3.87	-986	FPO	986
06-Nov-18	MBL	Off Market Purchase	AUD \$3.90	3	FPO	3
06-Nov-18	MBL	Off Market Sale	AUD \$3.90	-3	FPO	3
07-Nov-18	MBL	Borrow Delivery	AUD4.032	10,000	FPO	10,000
07-Nov-18	MBL	On Market Sale	AUD \$4.04	-81	FPO	81
07-Nov-18	MBL	On Market Sale	AUD \$3.78	-100	FPO	100
07-Nov-18	MBL	On Market Sale	AUD \$3.87	-2,808	FPO	2,808
07-Nov-18	MBL	On Market Sale	AUD \$4.05	-1,425	FPO	1,425
07-Nov-18	MBL	On Market Purchase	AUD \$3.88	556	FPO	556
08-Nov-18	MBL	Borrow Delivery	AUD4.095	59,000	FPO	59,000
08-Nov-18	MBL	Borrow Return	GBP2.229264	-1,121	FPO	1,121
08-Nov-18	MBL	On Market Sale	AUD \$4.08	-4,901	FPO	4,901
08-Nov-18	MBL	Off Market Purchase	AUD \$3.87	14	FPO	14
08-Nov-18	MBL	On Market Sale	AUD \$3.91	-100	FPO	100
08-Nov-18	MBL	On Market Sale	AUD \$3.89	-7,018	FPO	7,018
08-Nov-18	MBL	On Market Sale	AUD \$3.90	-1,386	FPO	1,386
08-Nov-18	MBL	On Market Purchase	AUD \$3.92	931	FPO	931
08-Nov-18	MBL	On Market Purchase	AUD \$3.87	5,793	FPO	5,793
08-Nov-18	MBL	Off Market Sale	AUD \$3.87	-14	FPO	14
09-Nov-18	MBL	Borrow Delivery	AUD4.2525	9,028	FPO	9,028
09-Nov-18	MBL	Borrow Delivery	AUD4.2525	972	FPO	972
09-Nov-18	MBL	On Market Sale	AUD \$3.90	-9,480	FPO	9,480
09-Nov-18	MBL	On Market Sale	AUD \$3.90	-1,869	FPO	1,869
09-Nov-18	MBL	On Market Sale	AUD \$3.86	-2,751	FPO	2,751
12-Nov-18	MBL	Off Market Purchase	AUD \$3.81	17	FPO	17
12-Nov-18	MBL	On Market Purchase	AUD \$3.81	5,236	FPO	5,236
12-Nov-18	MBL	On Market Purchase	AUD \$3.81	762	FPO	762
12-Nov-18	MBL	Off Market Sale	AUD \$3.81	-17	FPO	17
13-Nov-18	MBL	Borrow Delivery	AUD4.25	50,000	FPO	50,000
13-Nov-18	MBL	Borrow Delivery	AUD4.095	1,711	FPO	1,711
13-Nov-18	MBL	Off Market Sale	AUD \$3.69	-35	FPO	35
13-Nov-18	MBL	Off Market Purchase	AUD \$3.69	18	FPO	18
13-Nov-18	MBL	Off Market Sale	AUD \$3.69	-35	FPO	35
13-Nov-18	MBL	On Market Purchase	AUD \$3.74	262	FPO	262
13-Nov-18	MBL	Off Market Purchase	AUD \$3.69	35	FPO	35
13-Nov-18	MBL	Off Market Purchase	AUD \$3.69	35	FPO	35
13-Nov-18	MBL	On Market Sale	AUD \$3.75	-1,305	FPO	1,305

13-Nov-18	MBL	Off Market Sale	AUD \$3.69	-18	FPO	18
13-Nov-18	MBL	On Market Purchase	AUD \$3.69	5,650	FPO	5,650
14-Nov-18	MBL	Borrow Return	AUD3.81	-24,101	FPO	24,101
14-Nov-18	MBL	On Market Purchase	AUD \$3.77	4,457	FPO	4,457
14-Nov-18	MBL	On Market Purchase	AUD \$3.68	3,988	FPO	3,988
14-Nov-18	MBL	On Market Sale	AUD \$3.70	-541	FPO	541
14-Nov-18	MBL	On Market Sale	AUD \$3.73	-636	FPO	636
15-Nov-18	MBL	Borrow Return	AUD3.8745	-2,739	FPO	2,739
15-Nov-18	MBL	On Market Purchase	AUD \$3.64	8,563	FPO	8,563
15-Nov-18	MBL	Off Market Sale	AUD \$3.64	-17	FPO	17
15-Nov-18	MBL	On Market Purchase	AUD \$3.70	1,587	FPO	1,587
15-Nov-18	MBL	On Market Purchase	AUD \$3.67	4,687	FPO	4,687
15-Nov-18	MBL	Off Market Purchase	AUD \$3.64	17	FPO	17
15-Nov-18	MBL	On Market Sale	AUD \$3.65	-459	FPO	459
16-Nov-18	MBL	Borrow Return	AUD3.864	-1,914	FPO	1,914
16-Nov-18	MBL	On Market Sale	AUD \$3.57	-17,398	FPO	17,398
16-Nov-18	MBL	On Market Sale	AUD \$3.64	-2,135	FPO	2,135
16-Nov-18	MBL	On Market Sale	AUD \$3.62	-1,323	FPO	1,323
16-Nov-18	MBL	On Market Sale	AUD \$3.54	-101	FPO	101
16-Nov-18	MBL	On Market Sale	AUD \$3.57	-1,393	FPO	1,393
16-Nov-18	MBL	On Market Sale	AUD \$3.58	-15	FPO	15
19-Nov-18	MBL	Borrow Return	AUD3.822	-1,711	FPO	1,711
19-Nov-18	MBL	On Market Sale	AUD \$3.57	-8,522	FPO	8,522
19-Nov-18	MBL	On Market Sale	AUD \$3.37	-2,902	FPO	2,902
19-Nov-18	MBL	On Market Sale	AUD \$3.37	-1,055	FPO	1,055
19-Nov-18	MBL	On Market Purchase	AUD \$3.42	6,275	FPO	6,275
19-Nov-18	MBL	On Market Sale	AUD \$3.55	-1,841	FPO	1,841
19-Nov-18	MBL	On Market Sale	AUD \$3.43	-3,164	FPO	3,164
19-Nov-18	MBL	On Market Sale	AUD \$3.54	-1,264	FPO	1,264
19-Nov-18	MBL	On Market Sale	AUD \$3.57	-1,914	FPO	1,914
20-Nov-18	MBL	On Market Sale	AUD \$3.26	-1,059	FPO	1,059
20-Nov-18	MBL	On Market Sale	AUD \$3.27	-7,844	FPO	7,844
20-Nov-18	MBL	On Market Sale	AUD \$3.27	-1,115	FPO	1,115
20-Nov-18	MBL	On Market Sale	AUD \$3.27	-1,049	FPO	1,049
20-Nov-18	MBL	On Market Sale	AUD \$3.37	-1,497	FPO	1,497
20-Nov-18	MBL	On Market Purchase	AUD \$3.28	1,281	FPO	1,281
20-Nov-18	MBL	On Market Sale	AUD \$3.33	-2,244	FPO	2,244
20-Nov-18	MBL	On Market Sale	AUD \$3.37	-320	FPO	320
20-Nov-18	MBL	On Market Purchase	AUD \$3.25	8,709	FPO	8,709
21-Nov-18	MIML	On market purchase	AUD 3.27	4,000	FPO	4,000
21-Nov-18	MIML	On market sale	AUD 3.27	-898	FPO	898
21-Nov-18	MIMAL	On market purchase	AUD 3.27	1,972	FPO	1,972
21-Nov-18	MBL	Borrow Delivery	AUD3.5385	1,914	FPO	1,914
21-Nov-18	MBL	Borrow Delivery	AUD3.5385	1,711	FPO	1,711
21-Nov-18	MBL	Borrow Delivery	AUD3.4	29,375	FPO	29,375
21-Nov-18	MBL	Borrow Delivery	USD2.745812	50,000	FPO	50,000
21-Nov-18	MBL	On Market Sale	AUD \$3.15	-45	FPO	45
21-Nov-18	MBL	Off Market Sale	AUD \$3.15	-3,834	FPO	3,834
21-Nov-18	MBL	On Market Sale	AUD \$3.27	-4,577	FPO	4,577
21-Nov-18	MBL	Off Market Purchase	AUD \$3.15	3,834	FPO	3,834
21-Nov-18	MBL	On Market Sale	AUD \$3.17	-1,704	FPO	1,704
21-Nov-18	MBL	On Market Sale	AUD \$3.14	-2,085	FPO	2,085
21-Nov-18	MBL	On Market Purchase	AUD \$3.24	3,546	FPO	3,546
21-Nov-18	MBL	On Market Sale	AUD \$3.14	-559	FPO	559
22-Nov-18	MIMAL	On market purchase	AUD 3.27	3,466	FPO	3,466
22-Nov-18	MBL	Borrow Delivery	AUD3.25	31,000	FPO	31,000
22-Nov-18	MBL	On Market Sale	AUD \$3.27	-6,391	FPO	6,391
22-Nov-18	MBL	On Market Sale	AUD \$3.28	-2,696	FPO	2,696
22-Nov-18	MBL	On Market Sale	AUD \$3.23	-1,890	FPO	1,890
22-Nov-18	MBL	On Market Sale	AUD \$3.27	-6,391	FPO	6,391
22-Nov-18	MBL	On Market Sale	AUD \$3.27	-9,061	FPO	9,061
22-Nov-18	MBL	On Market Sale	AUD \$3.27	-2,069	FPO	2,069
22-Nov-18	MBL	On Market Purchase	AUD \$3.27	1,894	FPO	1,894
22-Nov-18	MBL	On Market Sale	AUD \$3.27	-3,020	FPO	3,020

22-Nov-18	MBL	On Market Sale	AUD \$3.21	-1,269	FPO	1,269
22-Nov-18	MBL	On Market Sale	AUD \$3.24	-1,245	FPO	1,245
23-Nov-18	MBL	Borrow Delivery	AUD3.3	5,000	FPO	5,000
23-Nov-18	MBL	On Market Sale	AUD \$3.27	-4,261	FPO	4,261
23-Nov-18	MBL	On Market Sale	AUD \$3.29	-2,223	FPO	2,223
26-Nov-18	MIMAL	On market sale	AUD 3.23	-542	FPO	542
26-Nov-18	MBL	Borrow Delivery	AUD3.3	23,000	FPO	23,000
26-Nov-18	MBL	On Market Sale	AUD \$3.23	-1,689	FPO	1,689
26-Nov-18	MBL	On Market Sale	AUD \$3.24	-1,623	FPO	1,623
26-Nov-18	MBL	On Market Purchase	AUD \$3.23	548	FPO	548
26-Nov-18	MBL	On Market Sale	AUD \$3.22	-128	FPO	128
26-Nov-18	MBL	On Market Sale	AUD \$3.23	-216	FPO	216
26-Nov-18	MBL	On Market Sale	AUD \$3.21	-1,666	FPO	1,666
27-Nov-18	MBL	Borrow Delivery	AUD3.5	9,000	FPO	9,000
27-Nov-18	MBL	Off Market Sale	AUD \$3.32	-87,290	FPO	87,290
27-Nov-18	MBL	On Market Sale	AUD \$3.23	-4,261	FPO	4,261
27-Nov-18	MBL	Off Market Purchase	AUD \$3.32	9,347	FPO	9,347
27-Nov-18	MBL	Off Market Purchase	AUD \$3.32	87,290	FPO	87,290
27-Nov-18	MBL	Off Market Purchase	AUD \$3.32	87,290	FPO	87,290
27-Nov-18	MBL	Off Market Purchase	AUD \$3.32	87,290	FPO	87,290
27-Nov-18	MBL	Off Market Sale	AUD \$3.32	-87,290	FPO	87,290
27-Nov-18	MBL	Off Market Sale	AUD \$3.32	-87,290	FPO	87,290
27-Nov-18	MBL	On Market Sale	AUD \$3.23	-10,652	FPO	10,652
27-Nov-18	MBL	On Market Purchase	AUD \$3.34	816	FPO	816
27-Nov-18	MBL	Off Market Purchase	AUD \$3.32	9,347	FPO	9,347
27-Nov-18	MBL	Off Market Sale	AUD \$3.32	-9,347	FPO	9,347
27-Nov-18	MBL	On Market Sale	AUD \$3.22	-1,651	FPO	1,651
27-Nov-18	MBL	On Market Sale	AUD \$3.24	-77,943	FPO	77,943
27-Nov-18	MBL	Off Market Sale	AUD \$3.32	-9,347	FPO	9,347
27-Nov-18	MBL	Off Market Purchase	AUD \$3.32	9,347	FPO	9,347
27-Nov-18	MBL	Off Market Sale	AUD \$3.32	-9,347	FPO	9,347
27-Nov-18	MBL	On Market Purchase	AUD \$3.32	6,377	FPO	6,377
28-Nov-18	MBL	Borrow Delivery	AUD3.25	6,000	FPO	6,000
28-Nov-18	MBL	On Market Sale	AUD \$3.34	-1,181	FPO	1,181
28-Nov-18	MBL	Off Market Purchase	AUD \$3.29	3,674	FPO	3,674
28-Nov-18	MBL	On Market Sale	AUD \$3.31	-1,088	FPO	1,088
28-Nov-18	MBL	On Market Sale	AUD \$3.35	-1,485	FPO	1,485
28-Nov-18	MBL	Off Market Purchase	AUD \$3.32	1,044	FPO	1,044
28-Nov-18	MBL	On Market Purchase	AUD \$3.35	427	FPO	427
28-Nov-18	MBL	On Market Purchase	AUD \$3.33	15,400	FPO	15,400
28-Nov-18	MBL	Off Market Sale	AUD \$3.32	-1,044	FPO	1,044
28-Nov-18	MBL	Off Market Purchase	AUD \$3.29	3,674	FPO	3,674
28-Nov-18	MBL	Off Market Sale	AUD \$3.29	-3,674	FPO	3,674
28-Nov-18	MBL	Off Market Sale	AUD \$3.29	-3,674	FPO	3,674
28-Nov-18	MBL	On Market Sale	AUD \$3.29	-347	FPO	347
28-Nov-18	MBL	Off Market Purchase	AUD \$3.29	7	FPO	7
28-Nov-18	MBL	Off Market Sale	AUD \$3.29	-7	FPO	7
28-Nov-18	MBL	On Market Purchase	AUD \$3.36	5	FPO	5
29-Nov-18	MBL	Borrow Delivery	AUD3.35	76,000	FPO	76,000
29-Nov-18	MBL	On Market Sale	AUD \$3.36	-1,026	FPO	1,026
29-Nov-18	MBL	Off Market Sale	AUD \$3.42	-1	FPO	1
29-Nov-18	MBL	On Market Sale	AUD \$3.44	-1,025	FPO	1,025
29-Nov-18	MBL	On Market Sale	AUD \$3.42	-2,934	FPO	2,934
29-Nov-18	MBL	On Market Purchase	AUD \$3.29	3,189	FPO	3,189
29-Nov-18	MBL	On Market Sale	AUD \$3.38	-1,882	FPO	1,882
29-Nov-18	MBL	Off Market Purchase	AUD \$3.42	5,789	FPO	5,789
29-Nov-18	MBL	On Market Sale	AUD \$3.35	-200	FPO	200
29-Nov-18	MBL	Off Market Sale	AUD \$3.42	-5,789	FPO	5,789
29-Nov-18	MBL	Off Market Purchase	AUD \$3.42	5,789	FPO	5,789
29-Nov-18	MBL	On Market Sale	AUD \$3.40	-1,071	FPO	1,071
29-Nov-18	MBL	Off Market Sale	AUD \$3.42	-5,789	FPO	5,789
29-Nov-18	MBL	Off Market Purchase	AUD \$3.42	1	FPO	1
29-Nov-18	MBL	On Market Sale	AUD \$3.40	-1,040	FPO	1,040
30-Nov-18	MBL	Borrow Delivery	AUD3.4545	6,000	FPO	6,000
30-Nov-18	MBL	On Market Purchase	AUD \$3.32	370	FPO	370

30-Nov-18	MBL	On Market Sale	AUD \$3.43	-2,080	FPO	2,080
30-Nov-18	MBL	On Market Sale	AUD \$3.27	-4,159	FPO	4,159
30-Nov-18	MBL	On Market Sale	AUD \$3.31	-229	FPO	229
30-Nov-18	MBL	On Market Sale	AUD \$3.42	-10,650	FPO	10,650
30-Nov-18	MBL	On Market Sale	AUD \$3.42	-21,299	FPO	21,299
30-Nov-18	MBL	On Market Sale	AUD \$3.42	-10,650	FPO	10,650
30-Nov-18	MBL	On Market Sale	AUD \$3.28	-5,752	FPO	5,752
03-Dec-18	MBL	Borrow Delivery	AUD3.45	6,000	FPO	6,000
03-Dec-18	MBL	Off Market Sale	AUD \$3.51	-47,297	FPO	47,297
03-Dec-18	MBL	Off Market Purchase	AUD \$3.51	47,297	FPO	47,297
03-Dec-18	MBL	Off Market Purchase	AUD \$3.51	47,297	FPO	47,297
03-Dec-18	MBL	On Market Sale	AUD \$3.43	-1,010	FPO	1,010
03-Dec-18	MBL	Off Market Sale	AUD \$3.51	-47,297	FPO	47,297
03-Dec-18	MBL	On Market Sale	AUD \$3.41	-887	FPO	887
03-Dec-18	MBL	On Market Purchase	AUD \$3.50	35	FPO	35
04-Dec-18	MBL	Borrow Delivery	AUD3.3	65,600	FPO	65,600
04-Dec-18	MBL	Borrow Delivery	AUD3.444	5,400	FPO	5,400
04-Dec-18	MBL	On Market Sale	AUD \$3.42	-13,142	FPO	13,142
04-Dec-18	MBL	On Market Sale	AUD \$3.43	-1,238	FPO	1,238
04-Dec-18	MBL	On Market Purchase	AUD \$3.50	61	FPO	61
04-Dec-18	MBL	On Market Sale	AUD \$3.49	-1,047	FPO	1,047
04-Dec-18	MBL	On Market Sale	AUD \$3.49	-74,552	FPO	74,552
04-Dec-18	MBL	On Market Sale	AUD \$3.50	-971	FPO	971
04-Dec-18	MBL	Off Market Purchase	AUD \$3.42	74,552	FPO	74,552
04-Dec-18	MBL	Off Market Sale	AUD \$3.42	-74,552	FPO	74,552
04-Dec-18	MBL	On Market Sale	AUD \$3.49	-2,602	FPO	2,602
04-Dec-18	MBL	On Market Sale	AUD \$3.51	-8,520	FPO	8,520
04-Dec-18	MBL	On Market Sale	AUD \$3.50	-972	FPO	972
05-Dec-18	MBL	Borrow Return	AUD3.6855	-1,914	FPO	1,914
05-Dec-18	MBL	Borrow Return	AUD3.6855	-1,711	FPO	1,711
05-Dec-18	MBL	On Market Sale	AUD \$3.31	-3,872	FPO	3,872
05-Dec-18	MBL	On Market Purchase	AUD \$3.48	1,000	FPO	1,000
05-Dec-18	MBL	On Market Sale	AUD \$3.42	-8,520	FPO	8,520
05-Dec-18	MBL	On Market Sale	AUD \$3.42	-3,195	FPO	3,195
05-Dec-18	MBL	On Market Sale	AUD \$3.46	-1,934	FPO	1,934
05-Dec-18	MBL	On Market Sale	AUD \$3.41	-751	FPO	751
05-Dec-18	MBL	On Market Sale	AUD \$3.45	-8,991	FPO	8,991
05-Dec-18	MBL	On Market Sale	AUD \$3.47	-987	FPO	987
06-Dec-18	MBL	Borrow Delivery	AUD3.42	110,000	FPO	110,000
06-Dec-18	MBL	On Market Purchase	AUD \$3.54	262	FPO	262
06-Dec-18	MBL	Off Market Purchase	AUD \$3.45	10	FPO	10
06-Dec-18	MBL	Off Market Sale	AUD \$3.45	-10	FPO	10
06-Dec-18	MBL	On Market Sale	AUD \$3.45	-4,655	FPO	4,655
06-Dec-18	MBL	On Market Sale	AUD \$3.42	-500	FPO	500
07-Dec-18	MBL	Borrow Delivery	AUD3.45	150,000	FPO	150,000
07-Dec-18	MBL	Borrow Delivery	AUD3.45	207,086	FPO	207,086
07-Dec-18	MBL	Borrow Delivery	AUD3.6225	1,914	FPO	1,914
07-Dec-18	MBL	Borrow Delivery	AUD3.6225	31,000	FPO	31,000
07-Dec-18	MBL	On Market Sale	AUD \$3.51	-756	FPO	756
07-Dec-18	MBL	On Market Sale	AUD \$3.60	-101	FPO	101
07-Dec-18	MBL	On Market Sale	AUD \$3.53	-981	FPO	981
07-Dec-18	MBL	On Market Sale	AUD \$3.46	-1,662	FPO	1,662
07-Dec-18	MBL	On Market Purchase	AUD \$3.45	13,241	FPO	13,241
07-Dec-18	MBL	On Market Sale	AUD \$3.45	-1,471	FPO	1,471
07-Dec-18	MBL	On Market Sale	AUD \$3.53	-2	FPO	2
07-Dec-18	MBL	On Market Sale	AUD \$3.59	-6,082	FPO	6,082
07-Dec-18	MBL	On Market Sale	AUD \$3.52	-1,621	FPO	1,621
10-Dec-18	MBL	Borrow Return	AUD3.45	-110,000	FPO	110,000
10-Dec-18	MBL	Borrow Return	AUD3.6225	-5,400	FPO	5,400
10-Dec-18	MBL	Borrow Return	AUD3.6225	-6,000	FPO	6,000
10-Dec-18	MBL	Borrow Return	USD2.617821	-50,000	FPO	50,000
10-Dec-18	MBL	Borrow Return	AUD3.6225	-4,027	FPO	4,027
10-Dec-18	MBL	On Market Sale	AUD \$3.41	-1,022	FPO	1,022
10-Dec-18	MBL	On Market Sale	AUD \$3.35	-1,032	FPO	1,032
10-Dec-18	MBL	On Market Sale	AUD \$3.39	-1,378	FPO	1,378
10-Dec-18	MBL	On Market Purchase	AUD \$3.36	1,055	FPO	1,055
10-Dec-18	MBL	On Market Purchase	AUD \$3.39	342	FPO	342
10-Dec-18	MBL	On Market Sale	AUD \$3.42	-971	FPO	971
10-Dec-18	MBL	On Market Sale	AUD \$3.59	-6,397	FPO	6,397
10-Dec-18	MBL	On Market Sale	AUD \$3.53	-3,738	FPO	3,738
10-Dec-18	MBL	On Market Sale	AUD \$3.40	-1,113	FPO	1,113
10-Dec-18	MBL	On Market Sale	AUD \$3.40	-1,029	FPO	1,029

10-Dec-18	MBL	On Market Sale	AUD \$3.59	-10,662	FPO	10,662
10-Dec-18	MBL	On Market Purchase	AUD \$3.50	833	FPO	833
10-Dec-18	MBL	On Market Sale	AUD \$3.59	-8,956	FPO	8,956
10-Dec-18	MBL	On Market Sale	AUD \$3.41	-2,138	FPO	2,138
11-Dec-18	MBL	Borrow Delivery	AUD3.55	7,000	FPO	7,000
11-Dec-18	MBL	Borrow Delivery	AUD3.6	2,701	FPO	2,701
11-Dec-18	MBL	Borrow Delivery	AUD3.7695	5,738	FPO	5,738
11-Dec-18	MBL	Borrow Delivery	AUD3.7695	561	FPO	561
11-Dec-18	MBL	On Market Sale	AUD \$3.30	-1,107	FPO	1,107
11-Dec-18	MBL	On Market Sale	AUD \$3.34	-3,058	FPO	3,058
11-Dec-18	MBL	On Market Sale	AUD \$3.44	-1,036	FPO	1,036
11-Dec-18	MBL	On Market Sale	AUD \$3.34	-106	FPO	106
11-Dec-18	MBL	On Market Sale	AUD \$3.30	-1,569	FPO	1,569
11-Dec-18	MBL	On Market Sale	AUD \$3.40	-44,000	FPO	44,000
11-Dec-18	MBL	On Market Sale	AUD \$3.40	-340	FPO	340
11-Dec-18	MBL	On Market Purchase	AUD \$3.33	5,696	FPO	5,696
12-Dec-18	MBL	Borrow Delivery	AUD3.4	49,000	FPO	49,000
12-Dec-18	MBL	On Market Purchase	AUD \$3.50	227	FPO	227
12-Dec-18	MBL	On Market Sale	AUD \$3.36	-750	FPO	750
12-Dec-18	MBL	On Market Sale	AUD \$3.48	-101	FPO	101
12-Dec-18	MBL	Off Market Sale	AUD \$3.60	-492,213	FPO	492,213
12-Dec-18	MBL	On Market Purchase	AUD \$3.60	4,422	FPO	4,422
12-Dec-18	MBL	Off Market Purchase	AUD \$3.60	492,213	FPO	492,213
13-Dec-18	MBL	Borrow Delivery	AUD3.35	95,000	FPO	95,000
13-Dec-18	MBL	Off Market Sale	AUD \$3.70	-44,000	FPO	44,000
13-Dec-18	MBL	On Market Sale	AUD \$3.60	-53,991	FPO	53,991
13-Dec-18	MBL	Off Market Purchase	AUD \$3.70	44,000	FPO	44,000
13-Dec-18	MBL	On Market Purchase	AUD \$3.67	1,968	FPO	1,968
13-Dec-18	MBL	On Market Sale	AUD \$3.60	-2,509	FPO	2,509
13-Dec-18	MBL	On Market Sale	AUD \$3.70	-1,347	FPO	1,347
13-Dec-18	MBL	On Market Sale	AUD \$3.70	-4,312	FPO	4,312
13-Dec-18	MBL	On Market Purchase	AUD \$3.60	10,662	FPO	10,662
14-Dec-18	MIML	On market purchase	AUD 3.52	4,249	FPO	4,249
14-Dec-18	MBL	Borrow Delivery	AUD3.78	1,000	FPO	1,000
14-Dec-18	MBL	On Market Sale	AUD \$3.61	-972	FPO	972
14-Dec-18	MBL	On Market Sale	AUD \$3.47	-6,667	FPO	6,667
14-Dec-18	MBL	On Market Sale	AUD \$3.48	-10,371	FPO	10,371
14-Dec-18	MBL	On Market Sale	AUD \$3.53	-1,192	FPO	1,192
14-Dec-18	MBL	On Market Sale	AUD \$3.45	-1,252	FPO	1,252
14-Dec-18	MBL	On Market Sale	AUD \$3.61	-5,352	FPO	5,352
14-Dec-18	MBL	On Market Sale	AUD \$3.41	-1,137	FPO	1,137
14-Dec-18	MBL	On Market Purchase	AUD \$3.47	194	FPO	194
17-Dec-18	MBL	Borrow Delivery	AUD3.885	1,000	FPO	1,000
17-Dec-18	MBL	On Market Sale	AUD \$3.42	-3,080	FPO	3,080
17-Dec-18	MBL	On Market Purchase	AUD \$3.42	1,104	FPO	1,104
17-Dec-18	MBL	On Market Purchase	AUD \$3.49	1,211	FPO	1,211
17-Dec-18	MBL	On Market Purchase	AUD \$3.48	1,184	FPO	1,184
17-Dec-18	MBL	On Market Purchase	AUD \$3.48	700	FPO	700
17-Dec-18	MBL	On Market Purchase	AUD \$3.51	1,066	FPO	1,066
18-Dec-18	MBL	Borrow Return	AUD3.6435	-170,000	FPO	170,000
18-Dec-18	MBL	On Market Purchase	AUD \$3.49	4,942	FPO	4,942
18-Dec-18	MBL	On Market Purchase	AUD \$3.51	21,323	FPO	21,323
18-Dec-18	MBL	On Market Sale	AUD \$3.56	-12,857	FPO	12,857
18-Dec-18	MBL	On Market Purchase	AUD \$3.46	1,214	FPO	1,214
18-Dec-18	MBL	On Market Sale	AUD \$3.54	-457	FPO	457
19-Dec-18	MBL	On Market Purchase	AUD \$3.47	2,361	FPO	2,361
19-Dec-18	MBL	On Market Sale	AUD \$3.47	-1,298	FPO	1,298
19-Dec-18	MBL	On Market Sale	AUD \$3.42	-4,314	FPO	4,314
19-Dec-18	MBL	On Market Purchase	AUD \$3.56	42,647	FPO	42,647
20-Dec-18	MIMAL	On market sale	AUD 3.2	-936	FPO	936
20-Dec-18	MBL	On Market Purchase	AUD \$3.19	567	FPO	567
20-Dec-18	MBL	On Market Purchase	AUD \$3.37	12,849	FPO	12,849
20-Dec-18	MBL	On Market Sale	AUD \$3.26	-1,091	FPO	1,091
21-Dec-18	MIMAL	On market purchase	AUD 3.03	8,440	FPO	8,440
21-Dec-18	MIMAL	On market purchase	AUD 3.03	2,604	FPO	2,604
21-Dec-18	MIMAL	On market purchase	AUD 3.03	304	FPO	304
21-Dec-18	MBL	Borrow Return	AUD3.591	-40,000	FPO	40,000
21-Dec-18	MBL	On Market Purchase	AUD \$3.03	258	FPO	258
21-Dec-18	MBL	On Market Sale	AUD \$2.93	-2,484	FPO	2,484
21-Dec-18	MBL	On Market Purchase	AUD \$2.92	1,013	FPO	1,013
21-Dec-18	MBL	On Market Sale	AUD \$3.03	-10,704	FPO	10,704
21-Dec-18	MBL	On Market Sale	AUD \$2.92	-1,204	FPO	1,204

21-Dec-18	MBL	On Market Purchase	AUD \$2.92	1,030	FPO	1,030
21-Dec-18	MBL	On Market Sale	AUD \$2.85	-1,237	FPO	1,237
21-Dec-18	MBL	Off Market Purchase	AUD \$3.03	14	FPO	14
21-Dec-18	MBL	Off Market Sale	AUD \$3.03	-14	FPO	14
24-Dec-18	MBL	Borrow Delivery	AUD3.3495	96,000	FPO	96,000
24-Dec-18	MBL	On Market Sale	AUD \$3.01	-95	FPO	95
24-Dec-18	MBL	On Market Purchase	AUD \$2.84	325	FPO	325
24-Dec-18	MBL	On Market Sale	AUD \$3.02	-2,928	FPO	2,928
24-Dec-18	MBL	On Market Sale	AUD \$2.88	-1,695	FPO	1,695
27-Dec-18	MBL	Borrow Delivery	AUD3.171	1,500	FPO	1,500
27-Dec-18	MBL	Borrow Delivery	AUD3.1815	13,000	FPO	13,000
27-Dec-18	MBL	On Market Sale	AUD \$2.94	-9,196	FPO	9,196
27-Dec-18	MBL	On Market Purchase	AUD \$2.87	21,359	FPO	21,359
27-Dec-18	MBL	On Market Purchase	AUD \$2.88	1,429	FPO	1,429
27-Dec-18	MBL	On Market Purchase	AUD \$3.04	2,573	FPO	2,573
27-Dec-18	MBL	On Market Purchase	AUD \$2.87	7,203	FPO	7,203
28-Dec-18	MBL	Borrow Delivery	AUD3.05	4,000	FPO	4,000
28-Dec-18	MBL	Off Market Purchase	AUD \$2.85	1,013	FPO	1,013
28-Dec-18	MBL	On Market Sale	AUD \$2.84	-8,077	FPO	8,077
28-Dec-18	MBL	Off Market Purchase	AUD \$2.85	57	FPO	57
28-Dec-18	MBL	On Market Purchase	AUD \$2.85	411	FPO	411
28-Dec-18	MBL	On Market Purchase	AUD \$2.88	536	FPO	536
28-Dec-18	MBL	Off Market Sale	AUD \$2.85	-57	FPO	57
28-Dec-18	MBL	On Market Purchase	AUD \$2.85	4,885	FPO	4,885
28-Dec-18	MBL	Off Market Sale	AUD \$2.85	-1,013	FPO	1,013
31-Dec-18	MBL	Borrow Return	AUD3.0135	-20,000	FPO	20,000
31-Dec-18	MBL	On Market Purchase	AUD \$2.89	2,292	FPO	2,292
31-Dec-18	MBL	On Market Sale	AUD \$2.91	-643	FPO	643
31-Dec-18	MBL	On Market Purchase	AUD \$2.89	300	FPO	300
31-Dec-18	MBL	On Market Purchase	AUD \$2.85	431	FPO	431
31-Dec-18	MBL	On Market Sale	AUD \$2.90	-1,950	FPO	1,950
02-Jan-19	MIMAL	On market sale	AUD 2.8	-20,464	FPO	20,464
02-Jan-19	MBL	Off Market Sale	AUD \$2.75	-342	FPO	342
02-Jan-19	MBL	Off Market Purchase	AUD \$2.75	342	FPO	342
02-Jan-19	MBL	On Market Sale	AUD \$2.75	-11,863	FPO	11,863
02-Jan-19	MBL	On Market Sale	AUD \$2.76	-1,637	FPO	1,637
02-Jan-19	MBL	On Market Sale	AUD \$2.81	-2,699	FPO	2,699
02-Jan-19	MBL	On Market Purchase	AUD \$2.90	346	FPO	346
02-Jan-19	MBL	On Market Sale	AUD \$2.84	-252	FPO	252
02-Jan-19	MBL	On Market Sale	AUD \$2.84	-1,252	FPO	1,252
02-Jan-19	MBL	On Market Sale	AUD \$2.85	-378	FPO	378
02-Jan-19	MBL	On Market Sale	AUD \$2.92	-3,105	FPO	3,105
02-Jan-19	MBL	On Market Sale	AUD \$2.82	-342	FPO	342
02-Jan-19	MBL	On Market Sale	AUD \$2.80	-1,292	FPO	1,292
02-Jan-19	MBL	On Market Sale	AUD \$2.84	-8,967	FPO	8,967
02-Jan-19	MBL	On Market Sale	AUD \$2.79	-1,287	FPO	1,287
03-Jan-19	MBL	Borrow Delivery	AUD2.8875	5,000	FPO	5,000
03-Jan-19	MBL	On Market Purchase	AUD \$2.84	3,754	FPO	3,754
03-Jan-19	MBL	On Market Purchase	AUD \$2.83	2,043	FPO	2,043
03-Jan-19	MBL	On Market Purchase	AUD \$2.83	1,297	FPO	1,297
03-Jan-19	MBL	On Market Purchase	AUD \$2.94	676	FPO	676
03-Jan-19	MBL	On Market Purchase	AUD \$2.75	16,108	FPO	16,108
03-Jan-19	MBL	On Market Purchase	AUD \$2.95	332	FPO	332
03-Jan-19	MBL	On Market Purchase	AUD \$2.80	92	FPO	92
03-Jan-19	MBL	On Market Purchase	AUD \$2.95	1,874	FPO	1,874
03-Jan-19	MBL	On Market Purchase	AUD \$2.92	5,369	FPO	5,369
04-Jan-19	MIMAL	On market purchase	AUD 2.78	557	FPO	557
04-Jan-19	MBL	Borrow Delivery	AUD2.75	32,000	FPO	32,000
04-Jan-19	MBL	On Market Purchase	AUD \$2.91	12,681	FPO	12,681
04-Jan-19	MBL	On Market Purchase	AUD \$2.95	30,500	FPO	30,500
04-Jan-19	MBL	On Market Sale	AUD \$2.78	-7,400	FPO	7,400
07-Jan-19	MIML	On market purchase	AUD 2.84	1,000	FPO	1,000
07-Jan-19	MBL	Borrow Return	AUD3.0975	-30,000	FPO	30,000
07-Jan-19	MBL	On Market Purchase	AUD \$2.87	7,184	FPO	7,184
07-Jan-19	MBL	On Market Purchase	AUD \$2.85	4,193	FPO	4,193
07-Jan-19	MBL	On Market Sale	AUD \$2.85	-225	FPO	225
07-Jan-19	MBL	On Market Sale	AUD \$2.85	-3,765	FPO	3,765
07-Jan-19	MBL	On Market Purchase	AUD \$2.83	1,534	FPO	1,534
08-Jan-19	MIML	On market purchase	AUD 2.94	1,350	FPO	1,350
08-Jan-19	MBL	Borrow Return	AUD2.919	-5,000	FPO	5,000
08-Jan-19	MBL	Borrow Return	AUD2.919	-1,500	FPO	1,500
08-Jan-19	MBL	Borrow Return	AUD2.919	-30,000	FPO	30,000

08-Jan-19	MBL	Borrow Return	AUD2.919	-1,000	FPO	1,000
08-Jan-19	MBL	Borrow Return	AUD2.919	-561	FPO	561
08-Jan-19	MBL	On Market Purchase	AUD \$2.93	13,872	FPO	13,872
08-Jan-19	MBL	On Market Purchase	AUD \$2.94	3,617	FPO	3,617
08-Jan-19	MBL	On Market Purchase	AUD \$2.95	10,511	FPO	10,511
08-Jan-19	MBL	On Market Purchase	AUD \$2.97	33,221	FPO	33,221
08-Jan-19	MBL	On Market Sale	AUD \$2.82	-862	FPO	862
08-Jan-19	MBL	On Market Purchase	AUD \$2.88	494	FPO	494
08-Jan-19	MBL	On Market Purchase	AUD \$2.94	4,636	FPO	4,636
08-Jan-19	MBL	On Market Purchase	AUD \$2.93	16,879	FPO	16,879
09-Jan-19	MBL	Borrow Delivery	AUD2.9925	74,000	FPO	74,000
09-Jan-19	MBL	On Market Sale	AUD \$2.93	-1,980	FPO	1,980
09-Jan-19	MBL	On Market Purchase	AUD \$2.88	460	FPO	460
09-Jan-19	MBL	On Market Sale	AUD \$2.86	-539	FPO	539
10-Jan-19	MBL	Borrow Return	AUD3.024	-74,000	FPO	74,000
10-Jan-19	MBL	On Market Sale	AUD \$3.03	-9,724	FPO	9,724
10-Jan-19	MBL	On Market Purchase	AUD \$2.93	14,908	FPO	14,908
10-Jan-19	MBL	On Market Purchase	AUD \$3.03	44	FPO	44
10-Jan-19	MBL	On Market Sale	AUD \$3.06	-2,183	FPO	2,183
10-Jan-19	MBL	On Market Purchase	AUD \$3.04	1,178	FPO	1,178
10-Jan-19	MBL	On Market Purchase	AUD \$3.02	1,583	FPO	1,583
10-Jan-19	MBL	On Market Sale	AUD \$3.04	-1,940	FPO	1,940
11-Jan-19	MBL	On Market Purchase	AUD \$3.06	972	FPO	972
11-Jan-19	MBL	On Market Purchase	AUD \$3.04	2,158	FPO	2,158
11-Jan-19	MBL	On Market Purchase	AUD \$3.04	1,010	FPO	1,010
14-Jan-19	MIMAL	On market purchase	AUD 3.09	43,742	FPO	43,742
14-Jan-19	MBL	On Market Sale	AUD \$3.08	-7,561	FPO	7,561
14-Jan-19	MBL	On Market Sale	AUD \$3.08	-492,213	FPO	492,213
15-Jan-19	MIMAL	On market purchase	AUD 2.97	44,848	FPO	44,848
15-Jan-19	MBL	On Market Sale	AUD \$3.10	-1,080	FPO	1,080
15-Jan-19	MBL	Off Market Purchase	AUD \$2.97	7,456	FPO	7,456
15-Jan-19	MBL	Off Market Sale	AUD \$2.97	-7,456	FPO	7,456
15-Jan-19	MBL	On Market Purchase	AUD \$3.01	74	FPO	74
15-Jan-19	MBL	On Market Sale	AUD \$2.98	-7,443	FPO	7,443
16-Jan-19	MBL	Borrow Delivery	AUD3.1	487,000	FPO	487,000
16-Jan-19	MBL	On Market Sale	AUD \$3.03	-8,613	FPO	8,613
16-Jan-19	MBL	On Market Sale	AUD \$2.97	-864	FPO	864
16-Jan-19	MBL	On Market Purchase	AUD \$3.03	1,773	FPO	1,773
17-Jan-19	MBL	Collateral Receive	AUD 3.01	3,331,000	FPO	3,331,000
17-Jan-19	MBL	Borrow Delivery	AUD3.1185	10,000	FPO	10,000
17-Jan-19	MBL	On Market Purchase	AUD \$2.94	8,637	FPO	8,637
17-Jan-19	MBL	On Market Sale	AUD \$3.00	-2,700	FPO	2,700