

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

**To:** Company Name/Scheme Vocus Group Limited VOC.AX  
ABN/ACN/ARSN 96 084 115 499

**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: 25 June 2018

**2. Details of voting power**

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

Class of securities	Number of securities	Person's votes	Voting power
'FPO'	32,397,120	32,397,120	5.20%

**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	24,750,260	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Pursuant to section 608 of the Corporations Act	7,646,860	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	24,750,260	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Northern Trust Corporation (Singapore Branch)	Northern Trust Corporation (Singapore Branch)	4,029,515	FPO
	Bond Street Custodians Limited	Bond Street Custodians Limited	3,510,088	FPO
	National Nominees Limited	National Nominees Limited	107,257	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 Group Limited	Level 6, 50 Martin Place, Sydney NSW 2000, Australia

**Signature**

Print name Ida Lawrence Capacity Company Secretary

Sign here Date 28 June 2018

**ANNEXURE 'A'**

This is the annexure marked 'A' of 16 pages referred to in the Notice of initial substantial holder.

Ida Lawrence  
Company Secretary, Macquarie Group Limited  
28 June 2018

**Controlled Bodies Corporate**

ACN / Company No	Entity Name	Incorp Country
136 024 970	A.C.N. 136 024 970 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
153 275 677	ACN 153 275 677 Pty Ltd	Australia
69930570	Adagia B.V.	Netherlands
605 421 805	ADL SOFTWARE PTY LTD	Australia
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
	Arbor Village Property Owner LLC	United States
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
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
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
20-2937258	Closing Documentation Services, LLC	United States
	CMC Holdco Inc.	United States
	CMC Railroad, Inc.	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
	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	United Kingdom
02879748	Corona Gas Management 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
	East Inwood Arbor, LLC	United States
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
069344001	ELISE NOMINEES PTY LIMITED	Australia
SC546822	Energetics Asset Management UK Limited	United Kingdom
SC234695	Energetics Design & Build Limited	United Kingdom
SC234694	Energetics Electricity Limited	United Kingdom
SC303150	Energetics Gas Limited	United Kingdom
SC455073	Energetics Holdco Limited	United Kingdom
SC573458	Energetics Meters Limited	United Kingdom
SC455134	Energetics Midco Limited	United Kingdom
SC293480	Energetics Networked Energy Limited	United Kingdom
SC546714	Energetics Networks UK Limited	United Kingdom
SC455074	Energetics Topco Limited	United Kingdom
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
619687	Euro Investco PPP Ireland GP Limited	Ireland
11171693	Euro PPP Platform GP Limited	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
08921103	Fuujin Power Limited	United Kingdom
30-0790149	GA - PTH, LLC	United States
054001400	GATESUN PTY. LIMITED	Australia
570800	GGB inBalans Investco Ireland GP Limited	Ireland
559137-3922	GIG Cloud Holdco AB	Sweden
559146-2774	GIG Cloud Midco AB	Sweden
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
	GLL BVK General Partner 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
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
	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
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
MC143292	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
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
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
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
B 126490	Investec GLL Fund Management Company SA	Luxembourg
201729633K	ION ENERGY PTE. LIMITED	Singapore
625687489	IRCP LAL LAL WIND FARMS PTY LTD (Sold 15/06/2018)	Australia
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	Juuchi Limited (in voluntary liquidation)	Ireland
CR-113609	Kearny Leasing Limited	Cayman Islands
20-5913622	Keba Energy 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
617 886 567	Lal Lal Wind Farms Asset Trust	Australia
617 788 217	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
	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 Jessup I, 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 II Corp.	United States
	M Acquisition Company III Corporation	United States
	M Acquisition Company IV Corporation	United States
	M Acquisition Company V Corporation	United States
	M Acquisition III Sponsor, LLC	United States
	M Acquisition IV Sponsor, LLC	United States
	M Acquisition Sponsor II, LLC	United States
	M Acquisition V 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
WK-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 MVA	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 MVA	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 MVA	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 MVA	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
13-4184042	MACQUARIE AMERICAS CORP.	United States
124071414	MACQUARIE AMERICAS HOLDINGS PTY LTD	Australia
	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
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
90-0899142	Macquarie Basin Leasing LLC (Dissolved 02/05/2018)	United States
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
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
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
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
MC-266242	MACQUARIE CREDIT NEXUS FUND LIMITED	Cayman Islands
MC-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
363806	MACQUARIE ELECTRONICS LIMITED (in voluntary liquidation)	Ireland
363803	MACQUARIE ELECTRONICS REMARKETING LIMITED (in voluntary	Ireland
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
	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
B224177	Macquarie European Infrastructure Fund 6 SCSp	Luxembourg
06146573	Macquarie European Investment Holdings Limited	United Kingdom
HRB 148201	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
983572-5	Macquarie Funding 1 Ltd.	Canada
983577-6	Macquarie Funding 2 Ltd.	Canada
983582-2	Macquarie Funding 3 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 GP 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 (MEREPA 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
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
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	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	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
	Macquarie Innovative Vision Fund II L.P.	Cayman Islands
WC-330937	Macquarie Innovative Vision Fund Manager Limited	Cayman Islands
	Macquarie Innovative Vision Partners II Limited	Cayman Islands
WC-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
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 Office)	Italy
HRB 235204	Macquarie Investment Management Europe Limited, Niederlassung München	Germany
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	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	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 MEREENIE 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
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
27-1560871	Macquarie Poinsettia Inc.	United States
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
20-3609362	MACQUARIE RAIL MANAGEMENT LLC	United States
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
535266	Macquarie Rotorcraft Leasing (Ireland) Limited	Ireland
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 Servicos Agricolas 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
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
66690	MALL Partners I, LDC	Cayman Islands
86503	MALL Partners II Limited	Cayman Islands
CR-93169	MALL Partners III Limited	Cayman Islands
	MAP HOLDING TRUST	Australia
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
	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
B224180	MEIF 6 Co-Invest SCSp	Luxembourg
B224086	MEIF 6 Luxembourg GP S.à r.l.	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
82-3448347	MIC Bluff Road Holdings, LLC	United States
82-4149757	MIC Logistics DevCo, LLC	United States
82-2986892	MIC Logistics Holdings, LLC	United States
82-3012398	MIC Oakdale Holdings, 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
13-3789912	MIHI LLC	United States
38-3938360	MIP III (ECI) GP LLC	United States
	MIP III Tigerfish (Canada) GP LLC	United States
B 213.745	MIP IV Luxembourg GP S.à r.l.	Luxembourg
	MIRA Americas, Inc.	United States
HRB 212106	MIRA Beteiligungs GmbH	Germany
123294	MIRA Core Gas Limited	Jersey
	MIRA Infrastructure Global Solution GP LLC	United States
62697	MIRA UK Gas Holdings GP Limited	Guernsey
62780	MIRA UK Gas Holdings Limited	Guernsey
LP017687	MIRA UK Gas Holdings LP	United Kingdom
11392304	Mitochon Limited	United Kingdom
0100-02-032951	MJL ACE LTD.	Japan
82-3000316	MLH 650 Oakdale, 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
	NewZoom Holdings LLC	United States
	Northeast Property Owner Inc.	United States
625685583	NORTHLEAF LAL LAL (AUSTRALIA) PTY LTD (Sold 15/06/2018)	Australia
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
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
MC-25427	ROC Asia Pacific Private Equity Offshore Fund, L.P.	Cayman Islands
10379378	Ropemaker RB Holdings Limited	United Kingdom
559137-8897	SCA Snurran AB	Sweden
622786	Scheldt Investco PPP Ireland GP Limited	Ireland
201420398Z	SELENE INVESTMENTS SINGAPORE PTE. LTD.	Singapore
622787	Shannon Investco PPP Ireland GP Limited	Ireland
20-5913622	SHELBY ENERGY HOLDINGS, LLC	United States
464139	Shichi Limited (in voluntary liquidation)	Ireland
	SMART ABS Series 2014-2E TRUST	Australia
	SMART ABS Series 2014-3PP Trust	Australia
	SMART ABS Series 2014-4 Trust	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
11218550	Sonne Solar Limited	United Kingdom
80-0852389	South Carolina Sandy Tyger Investments, LLC	United States
20-3783039	Southeast Apartment Holdings Inc.	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
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
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
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 FURUYOKU 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 9 page(s) referred to in the Notice of initial substantial holder.

Ida Lawrence  
Company Secretary, Macquarie Group Limited  
28 June 2018

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
24-May-18	MIMAL	On market purchase	AUD 2.36	1,903	FPO	1,903
24-May-18	MIMAL	On market purchase	AUD 2.36	2,371	FPO	2,371
24-May-18	MBL	On Market Sale	AUD \$2.37	-8,826	FPO	8,826
24-May-18	MBL	On Market Sale	AUD \$2.38	-14,266	FPO	14,266
24-May-18	MBL	On Market Purchase	AUD \$2.37	711	FPO	711
24-May-18	MBL	On Market Sale	AUD \$2.37	-2,123	FPO	2,123
24-May-18	MBL	On Market Sale	AUD \$2.37	-1,255	FPO	1,255
24-May-18	MBL	Off Market Purchase	AUD \$2.37	8,442	FPO	8,442
24-May-18	MBL	Off Market Sale	AUD \$2.37	-8,442	FPO	8,442
24-May-18	MBL	On Market Sale	AUD \$2.37	-2,766	FPO	2,766
24-May-18	MBL	On Market Sale	AUD \$2.37	-1,149	FPO	1,149
24-May-18	MBL	On Market Sale	AUD \$2.38	-1,720	FPO	1,720
24-May-18	MBL	On Market Sale	AUD \$2.37	-1,149	FPO	1,149
25-May-18	MIMAL	On market purchase	AUD 2.48	1,027	FPO	1,027
25-May-18	MBL	On Market Sale	AUD \$2.46	-1,436	FPO	1,436
25-May-18	MBL	On Market Sale	AUD \$2.47	-6,219	FPO	6,219
25-May-18	MBL	On Market Sale	AUD \$2.48	-8,699	FPO	8,699
25-May-18	MBL	On Market Sale	AUD \$2.47	-3,140	FPO	3,140
25-May-18	MBL	On Market Sale	AUD \$2.49	-3,452	FPO	3,452
25-May-18	MBL	Off Market Purchase	AUD \$2.46	5,745	FPO	5,745
25-May-18	MBL	On Market Sale	AUD \$2.46	-2,181	FPO	2,181
25-May-18	MBL	On Market Sale	AUD \$2.38	-5,476	FPO	5,476
25-May-18	MBL	On Market Purchase	AUD \$2.44	93	FPO	93
25-May-18	MBL	On Market Sale	AUD \$2.46	-1,205	FPO	1,205
25-May-18	MBL	On Market Sale	AUD \$2.48	-280	FPO	280
25-May-18	MBL	On Market Sale	AUD \$2.46	-424	FPO	424
25-May-18	MBL	Off Market Sale	AUD \$2.44	-12	FPO	12
25-May-18	MBL	Off Market Sale	AUD \$2.46	-5,745	FPO	5,745
25-May-18	MBL	On Market Sale	AUD \$2.45	-1,724	FPO	1,724
25-May-18	MBL	Off Market Purchase	AUD \$2.44	12	FPO	12
25-May-18	MBL	Borrow Delivery	AUD 2.65	71,925	FPO	71,925
28-May-18	MIMAL	On market purchase	AUD 2.36	720	FPO	720
28-May-18	MIMAL	On market purchase	AUD 2.36	237	FPO	237
28-May-18	MIMAL	On market purchase	AUD 2.36	601	FPO	601
28-May-18	MIMAL	On market purchase	AUD 2.36	278	FPO	278
28-May-18	MIMAL	On market purchase	AUD 2.36	323	FPO	323
28-May-18	MIMAL	On market purchase	AUD 2.36	237	FPO	237
28-May-18	MIMAL	On market purchase	AUD 2.36	237	FPO	237
28-May-18	MIMAL	On market purchase	AUD 2.36	580	FPO	580
28-May-18	MIMAL	On market purchase	AUD 2.36	1,378	FPO	1,378
28-May-18	MIMAL	On market purchase	AUD 2.36	533	FPO	533
28-May-18	MIMAL	On market purchase	AUD 2.36	484	FPO	484
28-May-18	MIMAL	On market purchase	AUD 2.36	619	FPO	619
28-May-18	MIMAL	On market purchase	AUD 2.36	917	FPO	917
28-May-18	MIMAL	On market purchase	AUD 2.36	957	FPO	957
28-May-18	MIMAL	On market purchase	AUD 2.36	1,618	FPO	1,618
28-May-18	MIMAL	On market purchase	AUD 2.36	1,178	FPO	1,178
28-May-18	MIMAL	On market purchase	AUD 2.36	413	FPO	413
28-May-18	MIMAL	On market purchase	AUD 2.36	376	FPO	376
28-May-18	MIMAL	On market purchase	AUD 2.36	304	FPO	304
28-May-18	MIMAL	On market purchase	AUD 2.36	251	FPO	251
28-May-18	MIMAL	On market sale	AUD 2.41	-444	FPO	444
28-May-18	MIMAL	On market purchase	AUD 2.36	343	FPO	343
28-May-18	MIMAL	On market purchase	AUD 2.36	321	FPO	321
28-May-18	MIMAL	On market purchase	AUD 2.36	541	FPO	541

28-May-18	MIMAL	On market purchase	AUD 2.36	249	FPO	249
28-May-18	MIMAL	On market purchase	AUD 2.36	257	FPO	257
28-May-18	MIMAL	On market purchase	AUD 2.36	1,369	FPO	1,369
28-May-18	MIMAL	On market purchase	AUD 2.36	257	FPO	257
28-May-18	MIMAL	On market purchase	AUD 2.36	423	FPO	423
28-May-18	MIMAL	On market purchase	AUD 2.36	259	FPO	259
28-May-18	MIMAL	On market purchase	AUD 2.36	399	FPO	399
28-May-18	MIMAL	On market purchase	AUD 2.36	1,033	FPO	1,033
28-May-18	MIMAL	On market purchase	AUD 2.36	306	FPO	306
28-May-18	MIMAL	On market purchase	AUD 2.36	1,584	FPO	1,584
28-May-18	MIMAL	On market purchase	AUD 2.36	426	FPO	426
28-May-18	MIMAL	On market purchase	AUD 2.36	538	FPO	538
28-May-18	MIMAL	On market purchase	AUD 2.36	523	FPO	523
28-May-18	MIMAL	On market purchase	AUD 2.36	233	FPO	233
28-May-18	MIMAL	On market purchase	AUD 2.36	975	FPO	975
28-May-18	MIMAL	On market purchase	AUD 2.36	393	FPO	393
28-May-18	MIMAL	On market purchase	AUD 2.36	322	FPO	322
28-May-18	MIMAL	On market purchase	AUD 2.36	229	FPO	229
28-May-18	MIMAL	On market purchase	AUD 2.36	449	FPO	449
28-May-18	MIMAL	On market purchase	AUD 2.36	1,062	FPO	1,062
28-May-18	MIMAL	On market purchase	AUD 2.36	1,201	FPO	1,201
28-May-18	MIMAL	On market purchase	AUD 2.36	231	FPO	231
28-May-18	MIMAL	On market purchase	AUD 2.36	1,264	FPO	1,264
28-May-18	MIMAL	On market purchase	AUD 2.36	1,160	FPO	1,160
28-May-18	MIMAL	On market purchase	AUD 2.36	2,285	FPO	2,285
28-May-18	MIMAL	On market purchase	AUD 2.36	592	FPO	592
28-May-18	MIMAL	On market purchase	AUD 2.36	429	FPO	429
28-May-18	MIMAL	On market purchase	AUD 2.36	372	FPO	372
28-May-18	MIMAL	On market purchase	AUD 2.36	339	FPO	339
28-May-18	MIMAL	On market purchase	AUD 2.36	788	FPO	788
28-May-18	MIMAL	On market purchase	AUD 2.36	455	FPO	455
28-May-18	MIMAL	On market purchase	AUD 2.36	1,122	FPO	1,122
28-May-18	MIMAL	On market purchase	AUD 2.36	466	FPO	466
28-May-18	MIMAL	On market purchase	AUD 2.36	518	FPO	518
28-May-18	MIMAL	On market purchase	AUD 2.36	492	FPO	492
28-May-18	MIMAL	On market purchase	AUD 2.36	580	FPO	580
28-May-18	MIMAL	On market purchase	AUD 2.36	462	FPO	462
28-May-18	MIMAL	On market purchase	AUD 2.36	245	FPO	245
28-May-18	MIMAL	On market purchase	AUD 2.36	558	FPO	558
28-May-18	MIMAL	On market purchase	AUD 2.36	261	FPO	261
28-May-18	MIMAL	On market purchase	AUD 2.36	953	FPO	953
28-May-18	MIMAL	On market purchase	AUD 2.36	458	FPO	458
28-May-18	MIMAL	On market purchase	AUD 2.36	1,267	FPO	1,267
28-May-18	MIMAL	On market purchase	AUD 2.36	1,057	FPO	1,057
28-May-18	MIMAL	On market purchase	AUD 2.36	265	FPO	265
28-May-18	MIMAL	On market purchase	AUD 2.36	959	FPO	959
28-May-18	MIMAL	On market purchase	AUD 2.36	269	FPO	269
28-May-18	MIMAL	On market purchase	AUD 2.36	266	FPO	266
28-May-18	MIMAL	On market purchase	AUD 2.36	286	FPO	286
28-May-18	MIMAL	On market purchase	AUD 2.36	217	FPO	217
28-May-18	MIMAL	On market purchase	AUD 2.36	1,086	FPO	1,086
28-May-18	MIMAL	On market purchase	AUD 2.36	831	FPO	831
28-May-18	MIMAL	On market purchase	AUD 2.36	480	FPO	480
28-May-18	MIMAL	On market purchase	AUD 2.36	653	FPO	653
28-May-18	MIMAL	On market purchase	AUD 2.36	11,860	FPO	11,860
28-May-18	MIMAL	On market purchase	AUD 2.36	2,546	FPO	2,546
28-May-18	MIMAL	On market purchase	AUD 2.36	355	FPO	355
28-May-18	MIMAL	On market purchase	AUD 2.36	223	FPO	223
28-May-18	MIMAL	On market purchase	AUD 2.36	2,090	FPO	2,090
28-May-18	MIMAL	On market purchase	AUD 2.36	543	FPO	543
28-May-18	MIMAL	On market purchase	AUD 2.36	3,223	FPO	3,223
28-May-18	MIMAL	On market purchase	AUD 2.36	273	FPO	273
28-May-18	MIMAL	On market purchase	AUD 2.36	2,964	FPO	2,964
28-May-18	MIMAL	On market purchase	AUD 2.36	323	FPO	323
28-May-18	MIMAL	On market purchase	AUD 2.36	324	FPO	324
28-May-18	MIMAL	On market purchase	AUD 2.36	292	FPO	292
28-May-18	MIMAL	On market purchase	AUD 2.36	346	FPO	346
28-May-18	MIMAL	On market purchase	AUD 2.36	524	FPO	524
28-May-18	MIMAL	On market purchase	AUD 2.36	330	FPO	330
28-May-18	MIMAL	On market purchase	AUD 2.36	634	FPO	634
28-May-18	MIMAL	On market purchase	AUD 2.36	398	FPO	398
28-May-18	MIMAL	On market purchase	AUD 2.36	1,214	FPO	1,214

28-May-18	MIMAL	On market purchase	AUD 2.36	306	FPO	306
28-May-18	MIMAL	On market purchase	AUD 2.36	379	FPO	379
28-May-18	MIMAL	On market purchase	AUD 2.36	338	FPO	338
28-May-18	MIMAL	On market purchase	AUD 2.36	668	FPO	668
28-May-18	MIMAL	On market purchase	AUD 2.36	523	FPO	523
28-May-18	MIMAL	On market purchase	AUD 2.36	1,382	FPO	1,382
28-May-18	MIMAL	On market purchase	AUD 2.36	673	FPO	673
28-May-18	MIMAL	On market purchase	AUD 2.36	283	FPO	283
28-May-18	MIMAL	On market purchase	AUD 2.36	877	FPO	877
28-May-18	MIMAL	On market purchase	AUD 2.36	1,080	FPO	1,080
28-May-18	MIMAL	On market purchase	AUD 2.36	313	FPO	313
28-May-18	MIMAL	On market purchase	AUD 2.36	224	FPO	224
28-May-18	MIMAL	On market purchase	AUD 2.36	234	FPO	234
28-May-18	MIMAL	On market purchase	AUD 2.36	508	FPO	508
28-May-18	MIMAL	On market purchase	AUD 2.36	1,689	FPO	1,689
28-May-18	MIMAL	On market purchase	AUD 2.36	463	FPO	463
28-May-18	MIMAL	On market purchase	AUD 2.36	248	FPO	248
28-May-18	MIMAL	On market purchase	AUD 2.36	354	FPO	354
28-May-18	MIMAL	On market purchase	AUD 2.36	1,052	FPO	1,052
28-May-18	MIMAL	On market purchase	AUD 2.36	567	FPO	567
28-May-18	MIMAL	On market purchase	AUD 2.36	1,002	FPO	1,002
28-May-18	MIMAL	On market purchase	AUD 2.36	1,237	FPO	1,237
28-May-18	MIMAL	On market purchase	AUD 2.36	530	FPO	530
28-May-18	MIMAL	On market purchase	AUD 2.36	265	FPO	265
28-May-18	MIMAL	On market purchase	AUD 2.36	759	FPO	759
28-May-18	MIMAL	On market purchase	AUD 2.36	546	FPO	546
28-May-18	MIMAL	On market purchase	AUD 2.36	3,816	FPO	3,816
28-May-18	MIMAL	On market purchase	AUD 2.36	1,618	FPO	1,618
28-May-18	MIMAL	On market purchase	AUD 2.36	818	FPO	818
28-May-18	MIMAL	On market purchase	AUD 2.36	3,197	FPO	3,197
28-May-18	MIMAL	On market purchase	AUD 2.36	1,966	FPO	1,966
28-May-18	MIMAL	On market purchase	AUD 2.36	882	FPO	882
28-May-18	MIMAL	On market purchase	AUD 2.36	268	FPO	268
28-May-18	MIMAL	On market purchase	AUD 2.36	1,183	FPO	1,183
28-May-18	MIMAL	On market purchase	AUD 2.36	223	FPO	223
28-May-18	MIMAL	On market purchase	AUD 2.36	229	FPO	229
28-May-18	MIMAL	On market purchase	AUD 2.36	274	FPO	274
28-May-18	MIMAL	On market purchase	AUD 2.36	212	FPO	212
28-May-18	MIMAL	On market purchase	AUD 2.36	614	FPO	614
28-May-18	MIMAL	On market purchase	AUD 2.36	749	FPO	749
28-May-18	MIMAL	On market purchase	AUD 2.36	1,523	FPO	1,523
28-May-18	MIMAL	On market purchase	AUD 2.36	929	FPO	929
28-May-18	MIMAL	On market purchase	AUD 2.36	1,036	FPO	1,036
28-May-18	MIMAL	On market purchase	AUD 2.36	563	FPO	563
28-May-18	MIMAL	On market purchase	AUD 2.36	1,176	FPO	1,176
28-May-18	MIMAL	On market purchase	AUD 2.36	2,562	FPO	2,562
28-May-18	MIMAL	On market purchase	AUD 2.36	884	FPO	884
28-May-18	MIMAL	On market purchase	AUD 2.36	2,010	FPO	2,010
28-May-18	MIMAL	On market purchase	AUD 2.36	246	FPO	246
28-May-18	MIMAL	On market purchase	AUD 2.36	1,459	FPO	1,459
28-May-18	MIMAL	On market purchase	AUD 2.36	1,007	FPO	1,007
28-May-18	MIMAL	On market purchase	AUD 2.36	429	FPO	429
28-May-18	MIMAL	On market purchase	AUD 2.36	3,592	FPO	3,592
28-May-18	MIMAL	On market purchase	AUD 2.36	392	FPO	392
28-May-18	MIMAL	On market purchase	AUD 2.36	479	FPO	479
28-May-18	MIMAL	On market purchase	AUD 2.36	1,601	FPO	1,601
28-May-18	MIMAL	On market purchase	AUD 2.36	258	FPO	258
28-May-18	MIMAL	On market purchase	AUD 2.36	308	FPO	308
28-May-18	MIMAL	On market purchase	AUD 2.36	655	FPO	655
28-May-18	MIMAL	On market purchase	AUD 2.36	734	FPO	734
28-May-18	MIMAL	On market purchase	AUD 2.36	1,147	FPO	1,147
28-May-18	MIMAL	On market purchase	AUD 2.36	1,133	FPO	1,133
28-May-18	MIMAL	On market purchase	AUD 2.36	1,527	FPO	1,527
28-May-18	MIMAL	On market purchase	AUD 2.36	1,470	FPO	1,470
28-May-18	MIMAL	On market purchase	AUD 2.36	202	FPO	202
28-May-18	MIMAL	On market purchase	AUD 2.36	294	FPO	294
28-May-18	MIMAL	On market purchase	AUD 2.36	1,341	FPO	1,341
28-May-18	MIMAL	On market purchase	AUD 2.36	1,153	FPO	1,153
28-May-18	MIMAL	On market purchase	AUD 2.36	576	FPO	576
28-May-18	MIMAL	On market purchase	AUD 2.36	692	FPO	692
28-May-18	MIMAL	On market purchase	AUD 2.36	741	FPO	741
28-May-18	MIMAL	On market purchase	AUD 2.36	3,157	FPO	3,157

28-May-18	MIMAL	On market purchase	AUD 2.36	941	FPO	941
28-May-18	MIMAL	On market purchase	AUD 2.36	1,180	FPO	1,180
28-May-18	MIMAL	On market purchase	AUD 2.36	312	FPO	312
28-May-18	MIMAL	On market purchase	AUD 2.36	1,129	FPO	1,129
28-May-18	MIMAL	On market purchase	AUD 2.36	1,501	FPO	1,501
28-May-18	MIMAL	On market purchase	AUD 2.36	797	FPO	797
28-May-18	MIMAL	On market purchase	AUD 2.36	786	FPO	786
28-May-18	MIMAL	On market purchase	AUD 2.36	442	FPO	442
28-May-18	MIMAL	On market purchase	AUD 2.36	980	FPO	980
28-May-18	MIMAL	On market purchase	AUD 2.36	220	FPO	220
28-May-18	MIMAL	On market purchase	AUD 2.36	1,383	FPO	1,383
28-May-18	MIMAL	On market purchase	AUD 2.36	835	FPO	835
28-May-18	MIMAL	On market purchase	AUD 2.36	1,550	FPO	1,550
28-May-18	MIMAL	On market purchase	AUD 2.36	584	FPO	584
28-May-18	MIMAL	On market purchase	AUD 2.36	2,359	FPO	2,359
28-May-18	MIMAL	On market purchase	AUD 2.36	349	FPO	349
28-May-18	MIMAL	On market purchase	AUD 2.36	1,730	FPO	1,730
28-May-18	MIMAL	On market purchase	AUD 2.36	1,357	FPO	1,357
28-May-18	MIMAL	On market purchase	AUD 2.36	252	FPO	252
28-May-18	MIMAL	On market purchase	AUD 2.36	308	FPO	308
28-May-18	MIMAL	On market purchase	AUD 2.36	2,913	FPO	2,913
28-May-18	MIMAL	On market purchase	AUD 2.36	466	FPO	466
28-May-18	MIMAL	On market purchase	AUD 2.36	1,090	FPO	1,090
28-May-18	MIMAL	On market purchase	AUD 2.36	1,684	FPO	1,684
28-May-18	MIMAL	On market purchase	AUD 2.36	699	FPO	699
28-May-18	MIMAL	On market purchase	AUD 2.36	493	FPO	493
28-May-18	MIMAL	On market purchase	AUD 2.36	510	FPO	510
28-May-18	MIMAL	On market purchase	AUD 2.36	1,667	FPO	1,667
28-May-18	MIMAL	On market purchase	AUD 2.36	261	FPO	261
28-May-18	MIMAL	On market purchase	AUD 2.36	1,577	FPO	1,577
28-May-18	MIMAL	On market purchase	AUD 2.36	246	FPO	246
28-May-18	MIMAL	On market purchase	AUD 2.36	469	FPO	469
28-May-18	MIMAL	On market purchase	AUD 2.36	252	FPO	252
28-May-18	MIMAL	On market purchase	AUD 2.36	533	FPO	533
28-May-18	MIMAL	On market purchase	AUD 2.36	283	FPO	283
28-May-18	MIMAL	On market purchase	AUD 2.36	2,211	FPO	2,211
28-May-18	MIMAL	On market purchase	AUD 2.36	507	FPO	507
28-May-18	MIMAL	On market purchase	AUD 2.36	335	FPO	335
28-May-18	MIMAL	On market purchase	AUD 2.36	1,170	FPO	1,170
28-May-18	MIMAL	On market purchase	AUD 2.36	205	FPO	205
28-May-18	MIMAL	On market purchase	AUD 2.36	1,070	FPO	1,070
28-May-18	MIMAL	On market purchase	AUD 2.36	1,288	FPO	1,288
28-May-18	MIMAL	On market purchase	AUD 2.36	330	FPO	330
28-May-18	MIMAL	On market purchase	AUD 2.36	303	FPO	303
28-May-18	MIMAL	On market purchase	AUD 2.36	590	FPO	590
28-May-18	MIMAL	On market purchase	AUD 2.36	1,134	FPO	1,134
28-May-18	MIMAL	On market purchase	AUD 2.36	1,342	FPO	1,342
28-May-18	MIMAL	On market purchase	AUD 2.36	238	FPO	238
28-May-18	MIMAL	On market purchase	AUD 2.36	339	FPO	339
28-May-18	MIMAL	On market purchase	AUD 2.36	1,095	FPO	1,095
28-May-18	MIMAL	On market purchase	AUD 2.36	560	FPO	560
28-May-18	MIMAL	On market purchase	AUD 2.36	513	FPO	513
28-May-18	MIMAL	On market purchase	AUD 2.36	2,676	FPO	2,676
28-May-18	MIMAL	On market purchase	AUD 2.36	376	FPO	376
28-May-18	MIMAL	On market purchase	AUD 2.36	742	FPO	742
28-May-18	MIMAL	On market purchase	AUD 2.36	314	FPO	314
28-May-18	MIMAL	On market purchase	AUD 2.36	1,448	FPO	1,448
28-May-18	MIMAL	On market purchase	AUD 2.36	1,931	FPO	1,931
28-May-18	MIMAL	On market purchase	AUD 2.36	255	FPO	255
28-May-18	MIMAL	On market purchase	AUD 2.36	1,286	FPO	1,286
28-May-18	MIMAL	On market purchase	AUD 2.36	1,824	FPO	1,824
28-May-18	MIMAL	On market purchase	AUD 2.36	1,038	FPO	1,038
28-May-18	MIMAL	On market purchase	AUD 2.36	1,040	FPO	1,040
28-May-18	MIMAL	On market purchase	AUD 2.36	311	FPO	311
28-May-18	MIMAL	On market purchase	AUD 2.36	860	FPO	860
28-May-18	MIMAL	On market purchase	AUD 2.36	1,492	FPO	1,492
28-May-18	MIMAL	On market purchase	AUD 2.36	551	FPO	551
28-May-18	MIMAL	On market purchase	AUD 2.36	449	FPO	449
28-May-18	MIMAL	On market purchase	AUD 2.36	1,145	FPO	1,145
28-May-18	MIMAL	On market purchase	AUD 2.36	683	FPO	683
28-May-18	MIMAL	On market purchase	AUD 2.36	651	FPO	651
28-May-18	MIMAL	On market purchase	AUD 2.36	369	FPO	369

28-May-18	MIMAL	On market purchase	AUD 2.36	231	FPO	231
28-May-18	MIMAL	On market purchase	AUD 2.36	1,096	FPO	1,096
28-May-18	MIMAL	On market purchase	AUD 2.36	282	FPO	282
28-May-18	MIMAL	On market purchase	AUD 2.36	741	FPO	741
28-May-18	MIMAL	On market purchase	AUD 2.36	682	FPO	682
28-May-18	MIMAL	On market purchase	AUD 2.36	1,723	FPO	1,723
28-May-18	MIMAL	On market purchase	AUD 2.36	358	FPO	358
28-May-18	MIMAL	On market purchase	AUD 2.36	700	FPO	700
28-May-18	MIMAL	On market purchase	AUD 2.36	915	FPO	915
28-May-18	MIMAL	On market purchase	AUD 2.36	321	FPO	321
28-May-18	MIMAL	On market purchase	AUD 2.36	1,681	FPO	1,681
28-May-18	MIMAL	On market purchase	AUD 2.36	309	FPO	309
28-May-18	MIMAL	On market purchase	AUD 2.36	1,271	FPO	1,271
28-May-18	MIMAL	On market purchase	AUD 2.36	663	FPO	663
28-May-18	MIMAL	On market purchase	AUD 2.36	750	FPO	750
28-May-18	MIMAL	On market purchase	AUD 2.36	363	FPO	363
28-May-18	MIMAL	On market purchase	AUD 2.36	363	FPO	363
28-May-18	MIMAL	On market purchase	AUD 2.36	376	FPO	376
28-May-18	MIMAL	On market purchase	AUD 2.36	538	FPO	538
28-May-18	MIMAL	On market purchase	AUD 2.36	395	FPO	395
28-May-18	MIMAL	On market purchase	AUD 2.36	326	FPO	326
28-May-18	MIMAL	On market purchase	AUD 2.36	490	FPO	490
28-May-18	MIMAL	On market purchase	AUD 2.36	662	FPO	662
28-May-18	MIMAL	On market purchase	AUD 2.36	2,466	FPO	2,466
28-May-18	MIMAL	On market purchase	AUD 2.36	568	FPO	568
28-May-18	MIMAL	On market purchase	AUD 2.36	365	FPO	365
28-May-18	MIMAL	On market purchase	AUD 2.36	490	FPO	490
28-May-18	MIMAL	On market purchase	AUD 2.36	788	FPO	788
28-May-18	MIMAL	On market purchase	AUD 2.36	329	FPO	329
28-May-18	MIMAL	On market purchase	AUD 2.36	496	FPO	496
28-May-18	MIMAL	On market purchase	AUD 2.36	306	FPO	306
28-May-18	MIMAL	On market purchase	AUD 2.36	4,485	FPO	4,485
28-May-18	MIMAL	On market purchase	AUD 2.36	385	FPO	385
28-May-18	MIMAL	On market purchase	AUD 2.36	3,256	FPO	3,256
28-May-18	MIMAL	On market purchase	AUD 2.36	418	FPO	418
28-May-18	MIMAL	On market purchase	AUD 2.36	2,617	FPO	2,617
28-May-18	MIMAL	On market purchase	AUD 2.36	2,001	FPO	2,001
28-May-18	MIMAL	On market purchase	AUD 2.36	259	FPO	259
28-May-18	MIMAL	On market purchase	AUD 2.36	4,517	FPO	4,517
28-May-18	MIMAL	On market purchase	AUD 2.36	461	FPO	461
28-May-18	MIMAL	On market purchase	AUD 2.36	514	FPO	514
28-May-18	MIMAL	On market purchase	AUD 2.36	238	FPO	238
28-May-18	MIMAL	On market purchase	AUD 2.36	1,055	FPO	1,055
28-May-18	MIMAL	On market purchase	AUD 2.36	497	FPO	497
28-May-18	MIMAL	On market purchase	AUD 2.36	1,673	FPO	1,673
28-May-18	MIMAL	On market purchase	AUD 2.36	1,394	FPO	1,394
28-May-18	MIMAL	On market purchase	AUD 2.36	3,477	FPO	3,477
28-May-18	MIMAL	On market purchase	AUD 2.36	257	FPO	257
28-May-18	MIMAL	On market purchase	AUD 2.36	899	FPO	899
28-May-18	MIMAL	On market purchase	AUD 2.36	236	FPO	236
28-May-18	MBL	Off Market Purchase	AUD \$2.37	2,296	FPO	2,296
28-May-18	MBL	On Market Sale	AUD \$2.40	-2,589	FPO	2,589
28-May-18	MBL	On Market Sale	AUD \$2.37	-116	FPO	116
28-May-18	MBL	On Market Sale	AUD \$2.38	-344	FPO	344
28-May-18	MBL	Off Market Sale	AUD \$2.37	-2,296	FPO	2,296
28-May-18	MBL	On Market Purchase	AUD \$2.45	6,241	FPO	6,241
28-May-18	MBL	On Market Sale	AUD \$2.37	-1,836	FPO	1,836
28-May-18	MBL	On Market Purchase	AUD \$2.34	9,948	FPO	9,948
28-May-18	MBL	Borrow Delivery	AUD 2.55	640,000	FPO	640,000
28-May-18	MBL	Borrow Return	AUD 2.499	-410,000	FPO	410,000
29-May-18	MIMAL	On market purchase	AUD 2.33	4,200	FPO	4,200
29-May-18	MIMAL	On market sale	AUD 2.33	-1,232	FPO	1,232
29-May-18	MIMAL	On market purchase	AUD 2.33	695	FPO	695
29-May-18	MIMAL	On market purchase	AUD 2.33	779	FPO	779
29-May-18	MIMAL	On market purchase	AUD 2.33	408	FPO	408
29-May-18	MBL	On Market Sale	AUD \$2.31	-2,123	FPO	2,123
29-May-18	MBL	On Market Sale	AUD \$2.34	-1,151	FPO	1,151
29-May-18	MBL	Off Market Sale	AUD \$2.34	-2,296	FPO	2,296
29-May-18	MBL	On Market Sale	AUD \$2.32	-3,640	FPO	3,640
29-May-18	MBL	On Market Sale	AUD \$2.32	-2,005	FPO	2,005
29-May-18	MBL	On Market Sale	AUD \$2.33	-1,323	FPO	1,323
29-May-18	MBL	On Market Purchase	AUD \$2.33	1,222	FPO	1,222

29-May-18	MBL	On Market Sale	AUD \$2.33	-861	FPO	861
29-May-18	MBL	On Market Sale	AUD \$2.34	-2,296	FPO	2,296
29-May-18	MBL	On Market Sale	AUD \$2.35	-3,448	FPO	3,448
29-May-18	MBL	On Market Purchase	AUD \$2.33	11,318	FPO	11,318
29-May-18	MBL	Off Market Purchase	AUD \$2.34	2,296	FPO	2,296
29-May-18	MIMAL	On market sale	AUD 2.32	-9,637	FPO	9,637
29-May-18	MBL	Borrow Return	AUD 2.562	-500,000	FPO	500,000
30-May-18	MIMAL	On market purchase	AUD 2.31	1,912	FPO	1,912
30-May-18	MIMAL	On market purchase	AUD 2.31	1,407	FPO	1,407
30-May-18	MIMAL	On market purchase	AUD 2.31	549	FPO	549
30-May-18	MIMAL	On market purchase	AUD 2.31	1,226	FPO	1,226
30-May-18	MIMAL	On market purchase	AUD 2.31	793	FPO	793
30-May-18	MIMAL	On market sale	AUD 2.27	-2,460	FPO	2,460
30-May-18	MBL	On Market Sale	AUD \$2.30	-2,322	FPO	2,322
31-May-18	MIMAL	On market sale	AUD 2.35	-643	FPO	643
31-May-18	MIMAL	On market sale	AUD 2.35	-1,481	FPO	1,481
31-May-18	MIMAL	On market purchase	AUD 2.43	1,390	FPO	1,390
31-May-18	MIMAL	On market purchase	AUD 2.43	3,153	FPO	3,153
31-May-18	MIMAL	On market purchase	AUD 2.43	642	FPO	642
31-May-18	MBL	On Market Sale	AUD \$2.41	-721	FPO	721
31-May-18	MBL	On Market Sale	AUD \$2.40	-2,887	FPO	2,887
31-May-18	MBL	On Market Sale	AUD \$2.33	-24,077	FPO	24,077
31-May-18	MBL	On Market Sale	AUD \$2.38	-1,155	FPO	1,155
01-Jun-18	MIMAL	On market purchase	AUD 2.37	348	FPO	348
01-Jun-18	MIMAL	On market sale	AUD 2.38	-343	FPO	343
01-Jun-18	MIMAL	On market purchase	AUD 2.37	348	FPO	348
01-Jun-18	MBL	On Market Sale	AUD \$2.38	-2,231	FPO	2,231
01-Jun-18	MBL	On Market Sale	AUD \$2.38	-5,002	FPO	5,002
01-Jun-18	MBL	On Market Sale	AUD \$2.37	-1,150	FPO	1,150
04-Jun-18	MIMAL	On market sale	AUD 2.35	-2,366	FPO	2,366
04-Jun-18	MIMAL	On market purchase	AUD 2.38	1,447	FPO	1,447
04-Jun-18	MIMAL	On market sale	AUD 2.35	-1,030	FPO	1,030
04-Jun-18	MIMAL	On market purchase	AUD 2.38	2,248	FPO	2,248
04-Jun-18	MIMAL	On market purchase	AUD 2.38	1,139	FPO	1,139
04-Jun-18	MIMAL	On market sale	AUD 2.35	-483	FPO	483
04-Jun-18	MIMAL	On market sale	AUD 2.35	-565	FPO	565
04-Jun-18	MBL	On Market Purchase	AUD \$2.38	1,158	FPO	1,158
04-Jun-18	MBL	Off Market Purchase	AUD \$2.38	89	FPO	89
04-Jun-18	MBL	On Market Sale	AUD \$2.38	-3,499	FPO	3,499
04-Jun-18	MBL	Off Market Sale	AUD \$2.38	-89	FPO	89
04-Jun-18	MBL	On Market Purchase	AUD \$2.37	845	FPO	845
04-Jun-18	MBL	On Market Purchase	AUD \$2.36	1,733	FPO	1,733
04-Jun-18	MBL	On Market Sale	AUD \$2.36	-593	FPO	593
04-Jun-18	MBL	Borrow Return	AUD 2.55	-640,000	FPO	640,000
05-Jun-18	MIMAL	On market sale	AUD 2.35	-2,060	FPO	2,060
05-Jun-18	MIMAL	On market sale	AUD 2.36	-2,432	FPO	2,432
05-Jun-18	MBL	On Market Sale	AUD \$2.35	-9,787	FPO	9,787
05-Jun-18	MBL	On Market Purchase	AUD \$2.37	2,873	FPO	2,873
06-Jun-18	MIMAL	On market sale	AUD 2.38	-184	FPO	184
06-Jun-18	MIMAL	On market purchase	AUD 2.37	1,958	FPO	1,958
06-Jun-18	MIMAL	On market sale	AUD 2.38	-934	FPO	934
06-Jun-18	MIMAL	On market purchase	AUD 2.37	1,109	FPO	1,109
06-Jun-18	MIMAL	On market purchase	AUD 2.37	1,603	FPO	1,603
06-Jun-18	MIMAL	On market sale	AUD 2.36	-1,208	FPO	1,208
06-Jun-18	MIMAL	On market sale	AUD 2.36	-886	FPO	886
06-Jun-18	MBL	On Market Sale	AUD \$2.36	-1,269	FPO	1,269
06-Jun-18	MBL	On Market Sale	AUD \$2.39	-1,155	FPO	1,155
06-Jun-18	MIMAL	On market sale	AUD 2.37	-3,849	FPO	3,849
06-Jun-18	MBL	Borrow Return	AUD 2.6	-480,000	FPO	480,000
07-Jun-18	MIMAL	On market purchase	AUD 2.40	199	FPO	199
07-Jun-18	MIMAL	On market purchase	AUD 2.40	460	FPO	460
07-Jun-18	MIMAL	On market purchase	AUD 2.40	620	FPO	620
07-Jun-18	MIMAL	On market purchase	AUD 2.40	626	FPO	626
07-Jun-18	MIMAL	On market purchase	AUD 2.40	595	FPO	595
07-Jun-18	MIMAL	On market purchase	AUD 2.40	1,244	FPO	1,244
07-Jun-18	MIMAL	On market purchase	AUD 2.40	1,546	FPO	1,546
07-Jun-18	MIMAL	On market purchase	AUD 2.40	841	FPO	841
07-Jun-18	MIMAL	On market purchase	AUD 2.40	699	FPO	699
07-Jun-18	MIMAL	On market purchase	AUD 2.40	349	FPO	349
07-Jun-18	MIMAL	On market sale	AUD 2.41	-617	FPO	617
07-Jun-18	MIMAL	On market purchase	AUD 2.40	1,226	FPO	1,226
07-Jun-18	MIMAL	On market purchase	AUD 2.40	828	FPO	828

7-Jun-18	MIMAL	On market purchase	AUD 2.40	769	FPO	769
7-Jun-18	MIMAL	On market sale	AUD 2.37	-4,000	FPO	4,000
07-Jun-18	MIMAL	On market purchase	AUD 2.40	1,375	FPO	1,375
07-Jun-18	MBL	On Market Purchase	AUD \$2.36	20,382	FPO	20,382
07-Jun-18	MBL	On Market Purchase	AUD \$2.37	28,842	FPO	28,842
07-Jun-18	MBL	On Market Sale	AUD \$2.41	-11,545	FPO	11,545
08-Jun-18	MIMAL	On market purchase	AUD 2.40	6,230	FPO	6,230
08-Jun-18	MBL	Off Market Purchase	AUD \$2.35	5,410,900	FPO	5,410,900
08-Jun-18	MBL	On Market Sale	AUD \$2.40	-1,155	FPO	1,155
08-Jun-18	MBL	Off Market Sale	AUD \$2.35	-5,410,900	FPO	5,410,900
08-Jun-18	MBL	On Market Sale	AUD \$2.35	-15,732	FPO	15,732
12-Jun-18	MIMAL	Transfer out - client account	AUD 0.00	-6,291	FPO	6,291
12-Jun-18	MIMAL	Transfer in - client account	AUD 0.00	6,291	FPO	6,291
12-Jun-18	MIMAL	On market purchase	AUD 2.35	731	FPO	731
12-Jun-18	MBL	On Market Purchase	AUD \$2.32	1,160	FPO	1,160
12-Jun-18	MBL	On Market Purchase	AUD \$2.27	12,510	FPO	12,510
12-Jun-18	MBL	On Market Sale	AUD \$2.35	-585	FPO	585
12-Jun-18	MBL	Borrow Delivery	AUD 2.6	1,000,000	FPO	1,000,000
12-Jun-18	MBL	Borrow Return	AUD 2.5305	-800,000	FPO	800,000
13-Jun-18	MIMAL	On market purchase	AUD 2.23	1,348	FPO	1,348
13-Jun-18	MIMAL	On market purchase	AUD 2.25	332	FPO	332
13-Jun-18	MIMAL	On market purchase	AUD 2.25	1,032	FPO	1,032
13-Jun-18	MIMAL	On market sale	AUD 2.24	-597	FPO	597
13-Jun-18	MIMAL	On market purchase	AUD 2.23	2,229	FPO	2,229
13-Jun-18	MIMAL	On market purchase	AUD 2.23	2,229	FPO	2,229
13-Jun-18	MBL	On Market Sale	AUD \$2.23	-38,371	FPO	38,371
13-Jun-18	MBL	On Market Sale	AUD \$2.22	-5,476	FPO	5,476
13-Jun-18	MBL	On Market Sale	AUD \$2.25	-7,246	FPO	7,246
13-Jun-18	MBL	On Market Sale	AUD \$2.24	-1,975	FPO	1,975
13-Jun-18	MBL	On Market Sale	AUD \$2.22	-4,684	FPO	4,684
13-Jun-18	MBL	On Market Sale	AUD \$2.25	-865	FPO	865
13-Jun-18	MBL	On Market Sale	AUD \$2.22	-4,129	FPO	4,129
13-Jun-18	MBL	On Market Sale	AUD \$2.23	-6,465	FPO	6,465
13-Jun-18	MBL	Borrow Delivery	AUD 2.4675	38,000	FPO	38,000
14-Jun-18	MIMAL	On market purchase	AUD 2.34	1,408	FPO	1,408
14-Jun-18	MIMAL	On market sale	AUD 2.31	-308	FPO	308
14-Jun-18	MIMAL	On market purchase	AUD 2.34	696	FPO	696
14-Jun-18	MIMAL	On market purchase	AUD 2.34	789	FPO	789
14-Jun-18	MIMAL	On market purchase	AUD 2.34	2,443	FPO	2,443
14-Jun-18	MIMAL	On market purchase	AUD 2.34	785	FPO	785
14-Jun-18	MIMAL	On market purchase	AUD 2.34	1,241	FPO	1,241
14-Jun-18	MIMAL	On market purchase	AUD 2.34	4,804	FPO	4,804
14-Jun-18	MIMAL	On market purchase	AUD 2.34	851	FPO	851
14-Jun-18	MIMAL	On market purchase	AUD 2.34	2,028	FPO	2,028
14-Jun-18	MIMAL	On market sale	AUD 2.33	-1,369	FPO	1,369
14-Jun-18	MIMAL	On market purchase	AUD 2.34	3,606	FPO	3,606
14-Jun-18	MBL	On Market Purchase	AUD \$2.28	2,338	FPO	2,338
14-Jun-18	MBL	On Market Purchase	AUD \$2.30	1,527	FPO	1,527
14-Jun-18	MBL	On Market Purchase	AUD \$2.34	869	FPO	869
14-Jun-18	MBL	On Market Purchase	AUD \$2.30	461	FPO	461
14-Jun-18	MBL	On Market Sale	AUD \$2.33	-10,108	FPO	10,108
14-Jun-18	MBL	On Market Purchase	AUD \$2.23	17,597	FPO	17,597
14-Jun-18	MBL	On Market Purchase	AUD \$2.28	2,396	FPO	2,396
14-Jun-18	MBL	On Market Purchase	AUD \$2.27	6,261	FPO	6,261
14-Jun-18	MIMAL	On market sale	AUD 2.33	-2,472	FPO	2,472
14-Jun-18	MBL	Borrow Return	AUD 2.5	-75,000	FPO	75,000
15-Jun-18	MIMAL	Transfer out - client account	AUD 0.00	-690	FPO	690
15-Jun-18	MIMAL	Transfer in - client account	AUD 0.00	690	FPO	690
15-Jun-18	MIMAL	On market purchase	AUD 2.43	737	FPO	737
15-Jun-18	MIMAL	On market purchase	AUD 2.43	388	FPO	388
15-Jun-18	MIMAL	On market purchase	AUD 2.43	1,706	FPO	1,706
15-Jun-18	MIMAL	On market purchase	AUD 2.43	2,302	FPO	2,302
15-Jun-18	MIMAL	On market sale	AUD 2.40	-1,595	FPO	1,595
15-Jun-18	MIMAL	On market purchase	AUD 2.43	816	FPO	816
15-Jun-18	MIMAL	On market purchase	AUD 2.43	588	FPO	588
15-Jun-18	MBL	On Market Purchase	AUD \$2.41	11,460	FPO	11,460
15-Jun-18	MBL	Off Market Purchase	AUD \$2.45	15	FPO	15
15-Jun-18	MBL	On Market Purchase	AUD \$2.45	20,068	FPO	20,068
15-Jun-18	MBL	Off Market Sale	AUD \$2.45	-15	FPO	15
15-Jun-18	MBL	On Market Purchase	AUD \$2.41	1,266	FPO	1,266
15-Jun-18	MBL	On Market Purchase	AUD \$2.41	1,249	FPO	1,249
15-Jun-18	MBL	On Market Purchase	AUD \$2.43	2,478	FPO	2,478

15-Jun-18	MBL	On Market Purchase	AUD \$2.40	3,625	FPO	3,625
15-Jun-18	MBL	Off Market Purchase	AUD \$2.45	62	FPO	62
15-Jun-18	MBL	Off Market Sale	AUD \$2.45	-62	FPO	62
15-Jun-18	MBL	On Market Purchase	AUD \$2.34	10,679	FPO	10,679
15-Jun-18	MBL	On Market Purchase	AUD \$2.43	1,215	FPO	1,215
15-Jun-18	MIMAL	On market purchase	AUD 2.45	6,244	FPO	6,244
15-Jun-18	MIMAL	On market purchase	AUD 2.45	1,068	FPO	1,068
15-Jun-18	MIMAL	On market purchase	AUD 2.45	588	FPO	588
15-Jun-18	MIMAL	On market purchase	AUD 2.45	1,301	FPO	1,301
18-Jun-18	MIMAL	Transfer out - client account	AUD 0.00	-1,073	FPO	1,073
18-Jun-18	MIMAL	Transfer in - client account	AUD 0.00	1,073	FPO	1,073
18-Jun-18	MBL	On Market Purchase	AUD \$2.45	62	FPO	62
18-Jun-18	MBL	On Market Purchase	AUD \$2.46	3,955	FPO	3,955
18-Jun-18	MBL	On Market Purchase	AUD \$2.47	537	FPO	537
18-Jun-18	MBL	On Market Purchase	AUD \$2.45	15,707	FPO	15,707
18-Jun-18	MBL	Borrow Return	AUD 2.55	-65,000	FPO	65,000
19-Jun-18	MIMAL	On market purchase	AUD 2.56	766	FPO	766
19-Jun-18	MIMAL	On market purchase	AUD 2.56	1,733	FPO	1,733
19-Jun-18	MIMAL	On market purchase	AUD 2.56	332	FPO	332
19-Jun-18	MBL	On Market Sale	AUD \$2.47	-11,526	FPO	11,526
19-Jun-18	MBL	On Market Purchase	AUD \$2.46	2,305	FPO	2,305
19-Jun-18	MBL	On Market Purchase	AUD \$2.63	13,950	FPO	13,950
19-Jun-18	MIMAL	On market sale	AUD 2.63	-1,605	FPO	1,605
19-Jun-18	MBL	Borrow Delivery	AUD 2.55	1,100,000	FPO	1,100,000
20-Jun-18	MIMAL	On market sale	AUD 2.54	-1,500	FPO	1,500
20-Jun-18	MIMAL	On market purchase	AUD 2.58	3,226	FPO	3,226
20-Jun-18	MIMAL	On market purchase	AUD 2.58	1,234	FPO	1,234
20-Jun-18	MIMAL	On market purchase	AUD 2.58	1,559	FPO	1,559
20-Jun-18	MIMAL	On market purchase	AUD 2.58	945	FPO	945
20-Jun-18	MIMAL	On market purchase	AUD 2.58	1,590	FPO	1,590
20-Jun-18	MIMAL	On market purchase	AUD 2.58	391	FPO	391
20-Jun-18	MIMAL	On market purchase	AUD 2.58	2,200	FPO	2,200
20-Jun-18	MIMAL	On market purchase	AUD 2.58	1,306	FPO	1,306
20-Jun-18	MBL	On Market Purchase	AUD \$2.50	12,566	FPO	12,566
20-Jun-18	MBL	On Market Purchase	AUD \$2.56	40,347	FPO	40,347
20-Jun-18	MBL	Off Market Purchase	AUD \$2.56	2	FPO	2
20-Jun-18	MBL	Off Market Sale	AUD \$2.56	-2	FPO	2
20-Jun-18	MBL	On Market Sale	AUD \$2.59	-3,955	FPO	3,955
20-Jun-18	MBL	On Market Sale	AUD \$2.49	-811	FPO	811
21-Jun-18	MIMAL	On market purchase	AUD 2.55	1,847	FPO	1,847
21-Jun-18	MIMAL	On market purchase	AUD 2.55	2,285	FPO	2,285
21-Jun-18	MIMAL	On market purchase	AUD 2.55	616	FPO	616
21-Jun-18	MIMAL	On market purchase	AUD 2.55	994	FPO	994
21-Jun-18	MIMAL	On market purchase	AUD 2.55	940	FPO	940
21-Jun-18	MBL	On Market Purchase	AUD \$2.50	11,658	FPO	11,658
21-Jun-18	MBL	On Market Sale	AUD \$2.62	-124,140	FPO	124,140
21-Jun-18	MIMAL	On market sale	AUD 2.5	-1,306	FPO	1,306
21-Jun-18	MIMAL	On market sale	AUD 2.5	-6,401	FPO	6,401
22-Jun-18	MIMAL	On market sale	AUD 2.45	-1,680	FPO	1,680
22-Jun-18	MIMAL	On market sale	AUD 2.45	-1,141	FPO	1,141
22-Jun-18	MIMAL	On market sale	AUD 2.45	-310	FPO	310
22-Jun-18	MIMAL	On market purchase	AUD 2.46	361	FPO	361
22-Jun-18	MIMAL	On market purchase	AUD 2.46	2,049	FPO	2,049
22-Jun-18	MBL	On Market Purchase	AUD \$2.48	1,380	FPO	1,380
22-Jun-18	MBL	On Market Purchase	AUD \$2.48	413	FPO	413
22-Jun-18	MBL	On Market Purchase	AUD \$2.46	638	FPO	638
22-Jun-18	MBL	On Market Sale	AUD \$2.43	-1,361	FPO	1,361
22-Jun-18	MBL	On Market Purchase	AUD \$2.46	1,151	FPO	1,151
22-Jun-18	MBL	On Market Purchase	AUD \$2.49	5,175	FPO	5,175
22-Jun-18	MBL	Borrow Return	AUD 2.8	-1,100,000	FPO	1,100,000
22-Jun-18	MBL	Borrow Return	AUD 2.8	-500,000	FPO	500,000
25-Jun-18	MIMAL	On market sale	AUD 2.37	-445	FPO	445
25-Jun-18	MIMAL	On market sale	AUD 2.37	-445	FPO	445
25-Jun-18	MIMAL	On market purchase	AUD 2.39	5,430	FPO	5,430
25-Jun-18	MIMAL	On market purchase	AUD 2.39	3,079	FPO	3,079
25-Jun-18	MIMAL	On market purchase	AUD 2.39	411	FPO	411
25-Jun-18	MIMAL	On market purchase	AUD 2.39	1,917	FPO	1,917
25-Jun-18	MIMAL	On market sale	AUD 2.37	-2,319	FPO	2,319
25-Jun-18	MIMAL	On market sale	AUD 2.38	-1,082	FPO	1,082
25-Jun-18	MIMAL	On market sale	AUD 2.39	-2,367	FPO	2,367
25-Jun-18	MIMAL	Transfer out - client account	AUD 0.00	-4,753	FPO	4,753
25-Jun-18	MBL	On Market Purchase	AUD \$2.35	11,576	FPO	11,576

25-Jun-18	MIMAL	Other - Inspecie	AUD 2.35	5,832	FPO	5,832
25-Jun-18	MIMAL	On market purchase	AUD 2.35	63,510	FPO	63,510
25-Jun-18	MIMAL	Other - Inspecie	AUD 2.35	-5,832	FPO	5,832
25-Jun-18	MBL	Borrow Delivery	AUD 2.6	25,000	FPO	25,000
25-Jun-18	MBL	Borrow Delivery	AUD 2.65	2,500,000	FPO	2,500,000
25-Jun-18	MBL	Borrow Delivery	AUD 2.7	350,000	FPO	350,000
25-Jun-18	MBL	Borrow Delivery	AUD 2.7	5,000,000	FPO	5,000,000
25-Jun-18	MBL	Borrow Return	AUD 2.625	-960,000	FPO	960,000
25-Jun-18	MBL	Borrow Return	AUD 2.625	-1,213,000	FPO	1,213,000