

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

To: Company Bravura Solutions Limited BVS.AX
ABN/ACN/ 54 164 391 128

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: 21 September 2017

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'	42,634,972	42,634,972	19.90%

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 CAPITAL (AUSTRALIA) LIMITED	Macquarie Capital (Australia) Limited ("MCAL") entered into a Block Trade Agreement (see Annexure C) on 21 September 2017 with entities listed in those agreements. Pursuant to section 608 of the Corporations Act and the terms of the Block Agreement, MCAL acquired a relevant interest in shares of Bravura Solutions Ltd on execution of the Block Agreement and subject to the terms of that agreement. Under the Block Agreement, MCAL acted as lead manager of the sale of the shares, all of which shares have been sold. Macquarie Group will file a ceasing to be a substantial shareholder notice following settlement of those shares.	38,868,392	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Pursuant to section 608 of the Corporations Act	3,703,026	FPO
MACQUARIE PRIVATE PORTFOLIO MANAGEMENT LIMITED	Pursuant to section 608 of the Corporations Act	48,099	FPO
MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Pursuant to section 608 of the Corporations Act	14,963	FPO
MQ SPECIALIST INVESTMENT MANAGEMENT LIMITED	Pursuant to section 608 of the Corporations Act	492	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	Number of securities	Class
MACQUARIE CAPITAL (AUSTRALIA) LIMITED	Carp Advisory A Pty Ltd as trustee for Carp Investment Trust No. 1 Carp Advisory B Pty Ltd as trustee for Carp Investment Trust No. 2 Carp Holdings N.V.	Carp Advisory A Pty Ltd as trustee for Carp Investment Trust No. 1 Carp Advisory B Pty Ltd as trustee for Carp Investment Trust No. 2 Carp Holdings N.V.	38,868,392	FPO
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Bond Street Custodians Limited	Bond Street Custodians Limited	3,703,026	FPO
MACQUARIE PRIVATE PORTFOLIO MANAGEMENT LIMITED	Bond Street Custodians Limited	Bond Street Custodians Limited	48,099	FPO
MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Goldman Sachs International	Goldman Sachs International	11,524	FPO
	Morgan Stanley	Morgan Stanley	3,439	FPO
MQ SPECIALIST INVESTMENT MANAGEMENT LIMITED	Goldman Sachs (Asia) LLC	Goldman Sachs (Asia) LLC	492	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 GROUP LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE CAPITAL (AUSTRALIA) 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 CAPITAL (AUSTRALIA) LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE PRIVATE PORTFOLIO MANAGEMENT LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Level 18, One International Finance Centre, 1 Harbour View Street, Central, Hong Kong
MQ SPECIALIST INVESTMENT MANAGEMENT LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia

Signature

Print name Dennis Leong

Capacity Company Secretary

Sign here

Date 25 September 2017

ANNEXURE 'A'

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

Dennis Leong
Company Secretary, Macquarie Group Limited
25 September 2017

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
	Abeinsa Juarez N-III S.A. de C.V.	Mexico
0113-01-020216	ACACIA RENEWABLES K.K.	Japan
153 275 677	ACN 153 275 677 Pty Ltd	Australia
	Advantage Funding Auto Trust	United States
	Advantage Funding Commercial Capital Corp.	United States
	Advantage Funding Leasing LLC	United States
	Advantage Funding Management Co., Inc.	United States
	Advantage Funding Receivables LLC	United States
	Advantage Funding Services LLC	United States
	Advantage Title Agent LLC	United States
9783406	Aerospace Finance 6771 UK Limited	United Kingdom
09812041	Aerospace Finance 6816 UK Limited	United Kingdom
9819666	Aerospace Finance 6818 UK Limited	United Kingdom
081119477	ALLOCA (NO. 4) PTY. LIMITED	Australia
	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
20-5600465	BIG SANDY CREEK WIND, LLC	United States
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
	Canadian Breaks II LLC	United States
26-5600465	CANADIAN BREAKS LLC	United States
04800336	Capital Meters Holdings Limited	United Kingdom
04800317	Capital Meters Limited	United Kingdom
09908998	CHAPTRE Investments 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
64075C1/GBL	DALIAN II HOLDING COMPANY LIMITED	Mauritius
10520639	Danube Investments Limited	United Kingdom
37-1737048	DC - PTH, LLC	United States
47-5449633	Delaware Asia Select Fund	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
N/A	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
27-2437046	Delaware Real Estate Absolute Return Partners, Inc.	United States
13-3465338	Delaware Service Company, Inc.	United States
81-2626999	Delaware Small Cap Growth Fund	United States
	DELTA1 FINANCE TRUST	Australia
008606871	DEXIN NOMINEES PTY. LIMITED	Australia
083 158 614	DIVCO 22 PTY LIMITED	Australia
	East Inwood Arbor, LLC	United States
094631964	EASTERN SEA TRADING PTY LIMITED	Australia
608 027 505	EDUWEST EQUITY HOLDING PTY LIMITED	Australia
608 027 434	EDUWEST PROJECT CO PTY LIMITED	Australia
608 027 596	EDUWEST PROJECT HOLDING COMPANY PTY LIMITED	Australia
127338827	ELAINE WINDFARM PTY LTD	Australia
	Electrodes Holdings, LLC	United States
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 Ltd.	United Kingdom
SC546714	Energetics Networks UK Limited	United Kingdom
SC455074	Energetics Topco Limited	United Kingdom
006435810	EQUITAS NOMINEES PTY. LIMITED	Australia
	ERC Holdco LLC	United States
079878783	EURO FIN CO PTY LTD	Australia
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.	Curaçao
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
30-0790149	GA - PTH, LLC	United States
054001400	GATESUN PTY. LIMITED	Australia
570800	GGB inBalans Investco Ireland GP Limited	Ireland
009642942	GILLMAN PTY. LIMITED	Australia
MC143292	GLOBAL STAR GP LTD	Cayman Islands
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
	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
20-5600465	High Lonesome Wind, LLC	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
CR-113608	Jackson Leasing Limited	Cayman Islands
0100-02-036303	JIG HOLDINGS LIMITED	Japan
611 447 628	JURIS PARTNERSHIP MCHPL EQUITY HOLDING COMPANY PTY LTD	Australia
609 122 901	JURIS PARTNERSHIP MCHPL PROJECT CO PTY LTD	Australia
609 115 997	JURIS PARTNERSHIP MCHPL PROJECT HOLDING COMPANY PTY LTD	Australia
464138	Juuichi Limited (in voluntary liquidation)	Ireland
CR-113609	Kearny Leasing Limited	Cayman Islands
20-5913622	Keba Energy LLC	United States
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
617 896 125	LAL LAL WIND FARMS FIN CO PTY LIMITED	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
617025573	LAWSON CROP AUSTRALIA PTY LIMITED	Australia
8272295	Levantera Developments Limited	United Kingdom
	Liberty Green Renewables Indiana, LLC	United States
20-2937206	Lien Data Services, LLC	United States
HRB80214	Lightning Bolt Germany GmbH (in liquidation)	Germany
	Long Beach Airport Hangar Owner LLC	United States
	M Acquisition Company II LLC	United States
	M Acquisition Company III Corporation	United States
	M Acquisition III 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
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
782521	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
9457141	Macquarie Aerospace Holdings UK Limited	United Kingdom
27-2669479	Macquarie Aerospace Inc.	United States
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
27-1564084	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
116381634	MACQUARIE AGRICULTURAL SERVICES PTY LIMITED	Australia
Not Registered	Macquarie Agriculture Trust 1	Australia
Not registered	Macquarie Agriculture Trust 2	Australia
139 633 015	MACQUARIE AIRCRAFT LEASING HOLDINGS PTY LIMITED	Australia
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
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
435319	Macquarie AirFinance Holdings Limited	Ireland
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
T17LP0078A	Macquarie Asia Infrastructure Fund 2 LP	Singapore
B 215.197	Macquarie Asia Infrastructure Fund 2 SCSp	Luxembourg
201713842E	Macquarie Asia Infrastructure Investments 2 Pte. Ltd.	Singapore
201713780Z	Macquarie Asia Infrastructure Management 2 Pte. Limited	Singapore
289176	Macquarie Asia Infrastructure Management Limited	Cayman Islands
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
	Macquarie Bank Limited (Zurich Rep Office)	Switzerland
T11FC0018C	MACQUARIE BANK LIMITED SINGAPORE BRANCH	Singapore
90-0899142	Macquarie Basin Leasing LLC	United States
R.P.M. 892390892	Macquarie Belgium TCG SPRL	Belgium
HRA 43920	MACQUARIE BETEILIGUNGSPORTFOLIO NR. 4 GMBH & CO. KG	Germany
HRB 232767	Macquarie Beteiligungstreuhand GmbH	Germany
CNPJ03.516.449/0001	MACQUARIE BRASIL PARTICIPACOES LTDA	Brazil
109649292	MACQUARIE BUSINESS SOLUTIONS PTY LIMITED	Australia
	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
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
0687	Macquarie Capital Holdings (Dubai) Limited (in members' voluntary liquidation)	United Arab Emirates
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
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
2003/014483/07	Macquarie Capital South Africa Proprietary Limited	South Africa
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
124022126	MACQUARIE CHEONGNA INVESTMENT PTY LTD	Australia
50019	Macquarie China Logistics Fund Limited	Bermuda
1660458	Macquarie China Logistics Management Limited	Hong Kong
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
20-5913559	MACQUARIE COMMODITIES HOLDINGS (USA) LLC	United States
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
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
096705109	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
363806	MACQUARIE ELECTRONICS LIMITED (in voluntary liquidation)	Ireland
363803	MACQUARIE ELECTRONICS REMARKETING LIMITED (in voluntary liquidation)	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
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 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
2006/000899/07	Macquarie Equities South Africa Proprietary Limited	South Africa
001374572	MACQUARIE EQUITY CAPITAL MARKETS PTY LIMITED	Australia
7713808	Macquarie Euro Limited	United Kingdom
114801464	MACQUARIE EUROPEAN FINANCIAL INVESTMENTS PTY LTD	Australia
078771123	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED	Australia
F15820	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED (HONG KONG)	Hong Kong
06146573	Macquarie European Investment Holdings Limited	United Kingdom
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
116582524	MACQUARIE FARM ASSETS AND RESOURCES MANAGEMENT PTY	Australia
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
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
20-3783039	MACQUARIE FUNDS MANAGEMENT (USA) INC.	United States
093177407	MACQUARIE FUNDS MANAGEMENT HOLDINGS PTY LIMITED	Australia
724745	MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Hong Kong
170076	MACQUARIE FUTURES & OPTIONS (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
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 (MEREP Trust)	Australia
200412291W	MACQUARIE GROUP HOLDINGS (SINGAPORE) PTE. LIMITED	Singapore
06357992	Macquarie Group Holdings (UK) No.1 Limited	United Kingdom
06357999	Macquarie Group Holdings (UK) No.2 Limited	United Kingdom
1952566	MACQUARIE GROUP HOLDINGS NEW ZEALAND LIMITED	New Zealand
124071478	MACQUARIE GROUP HOLDINGS NO.3 PTY LTD	Australia
07438584	Macquarie Group Investments (UK) No.2 Limited	United Kingdom
122169279	MACQUARIE GROUP LIMITED	Australia
245979	MACQUARIE GROUP NEW ZEALAND LIMITED (IN LIQUIDATION)	New Zealand
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
130542924	MACQUARIE INDIA PROPERTIES PTY LIMITED	Australia
201606310Z	MACQUARIE INDIA REAL ESTATE PTE. LTD.	Singapore
201603112D	MACQUARIE INDIA REAL ESTATE VENTURES 1 PTE. LTD.	Singapore
201603140Z	MACQUARIE INDIA REAL ESTATE VENTURES 2 PTE. LTD.	Singapore
T16LP0038J	MACQUARIE INDIA REAL ESTATE VENTURES LP	Singapore
C41803	MACQUARIE INDUSTRIAL INVESTMENTS MALTA LIMITED	Malta
CS201221372	MACQUARIE INFRASTRUCTURE ADVISORY (PHILIPPINES) INC.	Philippines
03976881	Macquarie Infrastructure and Real Assets (Europe) Limited	United Kingdom
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited (Spain)	Spain
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited, (Germany)	Germany
CL1804	Macquarie Infrastructure and Real Assets (Europe) Limited, DIFC Representative Office	United Arab Emirates
499 798 742 R.C.S. Paris	Macquarie Infrastructure and Real Assets (Europe) Limited, Paris Branch	France
623285	Macquarie Infrastructure and Real Assets (Hong Kong) Limited	Hong Kong
U67190MH2013PTC241809	Macquarie Infrastructure and Real Assets (India) Private Limited	India
784370-4	Macquarie Infrastructure and Real Assets (Sales) Canada Ltd	Canada
200513362E	MACQUARIE INFRASTRUCTURE AND REAL ASSETS (SINGAPORE) PTE. LIMITED	Singapore
10640222	Macquarie Infrastructure and Real Assets Core Limited	United Kingdom
082018399	MACQUARIE INFRASTRUCTURE AND REAL ASSETS HOLDINGS PTY LIMITED	Australia
20-8983572	Macquarie Infrastructure and Real Assets Inc.	United States
B 209.047	Macquarie Infrastructure and Real Assets Investments (Luxembourg) S.à r.l.	Luxembourg
09942610	Macquarie Infrastructure and Real Assets Investments 2 Limited	United Kingdom
10290869	Macquarie Infrastructure and Real Assets Investments 3 Limited	United Kingdom
8248121	Macquarie Infrastructure and Real Assets Investments Limited	United Kingdom
401814	Macquarie Infrastructure and Real Assets México, S.A. de C.V.	Mexico
084828437	Macquarie Infrastructure and Real Assets Pty Limited	Australia
B138295	Macquarie Infrastructure and Real Assets S.à r.l.	Luxembourg
LP017476	Macquarie Infrastructure Debt (UK Inflation Linked) Fund 2 L.P.	United Kingdom
	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
200505701K	MACQUARIE INSURANCE (SINGAPORE) PTE. LTD.	Singapore
092985263	MACQUARIE INTERNATIONAL FINANCE LIMITED	Australia
04125302	Macquarie International Holdings Limited	United Kingdom
310000400294785 (Jing An)	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
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
WN1114216	MACQUARIE INVESTMENT MANAGEMENT (NZ) LIMITED (IN LIQUIDATION)	New Zealand
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
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
071745401	MACQUARIE INVESTMENT SERVICES LIMITED	Australia
WK-133809	MACQUARIE INVESTMENTS (SINGAPORE) LIMITED	Cayman Islands
04104671	Macquarie Investments (UK) Limited	United Kingdom
05582630	Macquarie Investments 1 Limited	United Kingdom
05708696	Macquarie Investments 2 Limited	United Kingdom
07012592	Macquarie Investments 3 Limited	United Kingdom
069416977	MACQUARIE INVESTMENTS AUSTRALIA PTY LIMITED	Australia
HRB 74953	Macquarie Investments Deutschland GmbH	Germany
n/a	Macquarie Investments LLC	United States
2009/012283/07	Macquarie Investments Proprietary Limited	South Africa
45-2856257	Macquarie Investments US Inc.	United States
119211433	MACQUARIE INVESTORS PTY LTD	Australia
107147222	MACQUARIE JAPAN INFRASTRUCTURE NO.1 PTY LIMITED	Australia
0100-03-012002	MACQUARIE JAPAN INFRASTRUCTURE NO.1 PTY LIMITED (JAPAN BRANCH)	Japan
107147188	MACQUARIE JAPAN INFRASTRUCTURE NO.2 PTY LIMITED	Australia
117560282	MACQUARIE JAPAN INFRASTRUCTURE NO.3 PTY LIMITED	Australia
117560415	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED	Australia
0100-03-012591	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED (JAPAN BRANCH)	Japan
LP16087	Macquarie Juweel Investor LP	United Kingdom
104-81-76330	MACQUARIE KOREA ASSET MANAGEMENT CO., LTD.	Korea, Republic of
104-81-95716	MACQUARIE KOREA OPPORTUNITIES MANAGEMENT, LTD.	Korea, Republic of
110356968	MACQUARIE LAH PTY LIMITED	Australia
91110000717864826D	MACQUARIE LEASING (CHINA) CO LIMITED	China
02997799	Macquarie Leasing (UK) Limited	United Kingdom
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 MERENIE 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
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
616 486 983	MACQUARIE MPVD PTY LTD	Australia
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
334868	MACQUARIE NEW ZEALAND LIMITED (IN LIQUIDATION)	New Zealand
	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
	Macquarie One LLC	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 LIMITED	Australia
	Macquarie Private Debt Asset Management, LLC	United States
590627	Macquarie Private Debt Europe Limited	Ireland
089987388	MACQUARIE PRIVATE PORTFOLIO MANAGEMENT LIMITED	Australia
601831467	Macquarie Professional Series Global Equity Fund	Australia
2292323	Macquarie Projects Limited	Hong Kong
064904169	MACQUARIE PROPERTY (OBU) PTY LIMITED	Australia
076560917	MACQUARIE PROPERTY FINANCE MANAGEMENT PTY LIMITED	Australia
142 083 092	MACQUARIE RADAR HOLDINGS PTY LIMITED	Australia
730170-7	Macquarie Rail Canada Limited	Canada
20-3609362	MACQUARIE RAIL INC.	United States
20-3609362	MACQUARIE RAIL MANAGEMENT LLC	United States
26-3872414	MACQUARIE REAL ESTATE ADVISORY SERVICES LLC	United States
82-2058238	Macquarie Real Estate Funds Management 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
11.988.470/001-21	Macquarie Servicos Agricolas Limitada	Brazil
45-4703789	Macquarie Sierra Investment Holdings Inc.	United States
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
B 214.195	Macquarie Super Core Infrastructure Fund SCSp	Luxembourg
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
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
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
LP17160	MAIF EU Feeder LP	United Kingdom
620122456	MAIT1 INVESTMENTS PTY LIMITED	Australia
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
447474	MASL Ireland (25) Limited	Ireland
448204	MASL Ireland (27) Limited	Ireland
447980	MASL Ireland (28) Limited	Ireland
447981	MASL Ireland (29) Limited	Ireland
447982	MASL Ireland (30) 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
Not registered	MAT 2 Sub-Trust	Australia
	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
078223382	MCF LEASING PTY LIMITED	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
681-81-00638	M-DAON COMPANY LIMITED	Korea, Republic of
	Meadowlark Capital LLC	United States
	Meadowlark Depositor LLC	United States
	Meadowlark Insurance Company 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
LP18084	MEIF 5 N1 LP	United Kingdom
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
644-86-00667	M-HAMAN COMPANY LIMITED	Korea, Republic of
26-4389305	MIAC SERVICES INC.	United States
481-81-00149	M-ICHEON COMPANY LIMITED	Korea, Republic of
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
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
0100-02-032951	MJL ACE LTD.	Japan
20-5336393	Moonstone Lien Investments, LLC	United States
10480217	Moorgate PL Holdings Limited	United Kingdom
8499211	MPF Nominees Limited	United Kingdom
451722	MPFI INVESTMENTS LIMITED (in members' voluntary liquidation)	Ireland
415-86-00453	M-PRUM HOLDINGS LIMITED	Korea, Republic of
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
N.A.correspondence office only	MQG Commodities (India) Private Limited (Delhi Branch office)	India
	MRED Lending, LLC	United States
491-81-00715	M-RENEW HOLDINGS LIMITED	Korea, Republic of
OGRN 1117746637348	MRIF LLC	Russian Federation
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
n/a	NDI NO.1 LLC	United States
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
	NewZoom, LLC	United States
	Norte III Power S.A.P.I. de C.V.	Mexico
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
115771992	OUTPLAN 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
608629509	PIQ1 PTY LTD	Australia
529690	Poseidon InvestCo GP Ireland Limited	Ireland
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 H-1	Australia
	PUMA MASTERFUND P-13	Australia
	PUMA MASTERFUND P-14	Australia
not registered	PUMA MASTERFUND P-15	Australia
	PUMA MASTERFUND P-16	Australia
	PUMA MASTERFUND P-17	Australia
	PUMA Masterfund P-19	Australia
	PUMA Masterfund S-10	Australia
	PUMA MASTERFUND S-11	Australia
	PUMA Masterfund S-12	Australia
	PUMA Masterfund S-13	Australia
	PUMA Masterfund S-14	Australia
	PUMA MASTERFUND S-6	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 2016-1	Australia
	PUMA Series 2017-1	Australia
	PUMA Series Trust 2013-1	Australia
	PUMA SUBFUND B-1	Australia
	PUMA Subfund B-2	Australia
	PUMA Sub-Fund B-3	Australia
	RC Holdings I LLC	United States
	RC Holdings II LLC	United States
215-87-09870	RE-CLEAN CO., LTD.	Korea, Republic of
233-81-09895	RECLEAN DAEGU COMPANY LIMITED	Korea, Republic of
356-88-00177	RE-CLEAN HOLDINGS LIMITED	Korea, Republic of
26-5600465	RED HOLLOW WIND 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
10379378	Ropemaker RB Holdings Limited	United Kingdom

201420398Z	SELENE INVESTMENTS SINGAPORE PTE. LTD.	Singapore
65994086	Septentrio 1 B.V.	Netherlands
65994116	Septentrio 2 B.V.	Netherlands
65994183	Septentrio 3 B.V.	Netherlands
65993896	Septentrio 4 B.V.	Netherlands
	Servicios de Administración y Trabajos de Energía, S. de R.L. de C.V.	Mexico
20-5913622	SHELBY ENERGY HOLDINGS, LLC	United States
464139	Shichi Limited (in voluntary liquidation)	Ireland
2008/022345/07	Shieldco Securities S1 Proprietary Limited	South Africa
	SMART ABS Series 2012-2US Trust	Australia
not registered	SMART ABS Series 2012-4US Trust	Australia
unlisted	SMART ABS Series 2013-1US Trust	Australia
	SMART ABS Series 2013-3 Trust	Australia
	SMART ABS Series 2013-4PP Trust	Australia
	SMART ABS Series 2014-1 US Trust	Australia
	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 ANZ WAREHOUSE Trust	Australia
	SMART J WAREHOUSE TRUST	Australia
	SMART O Warehouse Trust	Australia
	SMART S Warehouse Trust	Australia
	SMART Series R Trust	Australia
	SMART U Warehouse Trust	Australia
80-0852389	South Carolina Sandy Tyger Investments, LLC	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
	Summerset Holdings 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
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
	TRAMS ABS Series 2015-2W	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
10390260	UK Green Investment Co-Investment Lyle Limited	United Kingdom
OC398315	UK Green Investment Offshore Wind Feeder 1 LLP	United Kingdom
10383812	UK Green Investment OSWF Lyle 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
03705740	Utility Metering Services Limited	United Kingdom
107-87-51612	VALUE LOAN MORTGAGE LLC	Korea, Republic of
	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 FURYOKU HATSUDEN G.K.	Japan
127338783	YENDON WINDFARM PTY LTD	Australia
1449995	Yorkton Capital Partners II Inc.	Canada
1430727	Yorkton Capital Partners Inc.	Canada

ANNEXURE 'B'

This is the annexure marked 'B' of 3 page(s) referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
25 September 2017

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
21-Sep-17	MCAL	Macquarie Capital (Australia) Limited ("MCAL") entered into a Block Trade Agreement on 21 September 2017 with entities listed in those agreements (See Annexure C). Pursuant to section 608 of the Corporations Act and the terms of the Block Agreement, MCAL acquired a relevant interest in shares of Bravura Solutions Ltd.		38868392	FPO	38,868,392
15-Sep-17	MIMAL	On market purchase	AUD 1.68	55404	FPO	55,404
15-Sep-17	MIMAL	On market purchase	AUD 1.7	24745	FPO	24,745
14-Sep-17	MIMAL	Other - Inspecie	AUD 1.74	-13505	FPO	13,505
14-Sep-17	MIMAL	Other - Inspecie	AUD 1.74	13505	FPO	13,505
12-Sep-17	MFMHK	On market purchase	AUD 1.71	474	FPO	474
12-Sep-17	MFMHK	On market purchase	AUD 1.71	1620	FPO	1,620
12-Sep-17	MFMHK	On market purchase	AUD 1.71	2411	FPO	2,411
12-Sep-17	MIMAL	On market purchase	AUD 1.67	150000	FPO	150,000
12-Sep-17	MQSIML	On market purchase	AUD 1.71	243	FPO	243
11-Sep-17	MFMHK	On market purchase	AUD 1.66	206	FPO	206
11-Sep-17	MFMHK	On market purchase	AUD 1.66	705	FPO	705
11-Sep-17	MFMHK	On market purchase	AUD 1.66	1049	FPO	1,049
11-Sep-17	MIMAL	On market purchase	AUD 1.66	200000	FPO	200,000
11-Sep-17	MQSIML	On market purchase	AUD 1.66	106	FPO	106
11-Sep-17	MBL	Receive Return	AUD 1.65	-288665	FPO	288,665
08-Sep-17	MIMAL	Other - Inspecie	AUD 1.66	-62414	FPO	62,414
08-Sep-17	MIMAL	On market purchase	AUD 1.65	3796	FPO	3,796
08-Sep-17	MIMAL	Other - Inspecie	AUD 1.66	62414	FPO	62,414
07-Sep-17	MBL	Received Collateral	AUD 1.625	163300	FPO	163,300
04-Sep-17	MFMHK	On market purchase	AUD 1.65	289	FPO	289
04-Sep-17	MFMHK	On market purchase	AUD 1.65	1114	FPO	1,114
04-Sep-17	MFMHK	On market purchase	AUD 1.65	7095	FPO	7,095
04-Sep-17	MQSIML	On market purchase	AUD 1.65	143	FPO	143
29-Aug-17	MBL	Receive Return	AUD 1.52	-125365	FPO	125,365
29-Aug-17	MBL	Received Collateral	AUD 1.52	125365	FPO	125,365
25-Aug-17	MIMAL	On market sale	AUD 1.52	-100000	FPO	100,000
25-Aug-17	MIMAL	On market sale	AUD 1.52	-4659	FPO	4,659
24-Aug-17	MBL	Received Collateral	AUD 1.47	40000	FPO	40,000
21-Aug-17	MBL	Receive Return	AUD 1.54	-80000	FPO	80,000
17-Aug-17	MBL	Received Collateral	AUD 1.59	165365	FPO	165,365
17-Aug-17	MBL	Receive Return	AUD 1.59	-165365	FPO	165,365
16-Aug-17	MIMAL	On market sale	AUD 1.6	-8401	FPO	8,401
16-Aug-17	MIMAL	On market sale	AUD 1.6	-1346	FPO	1,346
10-Aug-17	MIMAL	On market sale	AUD 1.59	-58	FPO	58
09-Aug-17	MPPM	On market sale	AUD 1.60	-2277	FPO	2,277
01-Aug-17	MIMAL	On market purchase	AUD 1.6	32191	FPO	32,191
25-Jul-17	MIMAL	On market purchase	AUD 1.6	3325	FPO	3,325
25-Jul-17	MIMAL	On market purchase	AUD 1.6	30000	FPO	30,000
25-Jul-17	MBL	Received Collateral	AUD 1.57	80000	FPO	80,000
14-Jul-17	MBL	Receive return	AUD 1.6	-85365	FPO	85,365
14-Jul-17	MBL	Received Collateral	AUD 1.6	85365	FPO	85,365
11-Jul-17	MIMAL	On market purchase	AUD 1.59	20086	FPO	20,086
07-Jul-17	MIMAL	On market purchase	AUD 1.59	114582	FPO	114,582
06-Jul-17	MPPM	On market sale	AUD 1.59	-1694	FPO	1,694
06-Jul-17	MPPM	On market sale	AUD 1.59	-1193	FPO	1,193
06-Jul-17	MIMAL	On market purchase	AUD 1.6	32312	FPO	32,312
05-Jul-17	MPPM	On market sale	AUD 1.59	-1191	FPO	1,191
05-Jul-17	MIMAL	Other - Inspecie	AUD 1.6	-18077	FPO	18,077
05-Jul-17	MIMAL	On market purchase	AUD 1.6	50000	FPO	50,000
05-Jul-17	MIMAL	On market purchase	AUD 1.6	3531	FPO	3,531
05-Jul-17	MIMAL	Other - Inspecie	AUD 1.6	18077	FPO	18,077
04-Jul-17	MIMAL	On market purchase	AUD 1.59	21409	FPO	21,409

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
29-Jun-17	MIMAL	On market purchase	AUD 1.6	12388	FPO	12,388
22-Jun-17	MIMAL	On market purchase	AUD 1.55	4440	FPO	4,440
22-Jun-17	MPPM	On market sale	AUD 1.55	-1041	FPO	1,041
19-Jun-17	MIMAL	Transfer out - client account	AUD 0.00	-27563	FPO	27,563
19-Jun-17	MIMAL	Transfer in - client account	AUD 0.00	27563	FPO	27,563
16-Jun-17	MIMAL	On market purchase	AUD 1.58	52609	FPO	52,609
15-Jun-17	MPPM	On market sale	AUD 1.60	-1086	FPO	1,086
14-Jun-17	MPPM	On market sale	AUD 1.56	-127	FPO	127
14-Jun-17	MPPM	On market sale	AUD 1.56	-168	FPO	168
14-Jun-17	MPPM	On market sale	AUD 1.56	-140	FPO	140
14-Jun-17	MPPM	On market sale	AUD 1.56	-125	FPO	125
14-Jun-17	MPPM	On market sale	AUD 1.56	-159	FPO	159
14-Jun-17	MPPM	On market sale	AUD 1.56	-229	FPO	229
14-Jun-17	MPPM	On market sale	AUD 1.56	-134	FPO	134
14-Jun-17	MPPM	On market sale	AUD 1.56	-134	FPO	134
14-Jun-17	MPPM	On market sale	AUD 1.56	-150	FPO	150
14-Jun-17	MPPM	On market sale	AUD 1.56	-119	FPO	119
14-Jun-17	MPPM	On market sale	AUD 1.56	-125	FPO	125
14-Jun-17	MPPM	On market sale	AUD 1.56	-233	FPO	233
14-Jun-17	MPPM	On market sale	AUD 1.56	-122	FPO	122
14-Jun-17	MPPM	On market sale	AUD 1.56	-187	FPO	187
14-Jun-17	MPPM	On market sale	AUD 1.56	-543	FPO	543
14-Jun-17	MPPM	On market sale	AUD 1.56	-125	FPO	125
14-Jun-17	MPPM	On market sale	AUD 1.56	-228	FPO	228
14-Jun-17	MPPM	On market sale	AUD 1.56	-134	FPO	134
14-Jun-17	MPPM	On market sale	AUD 1.56	-551	FPO	551
14-Jun-17	MPPM	On market sale	AUD 1.56	-335	FPO	335
14-Jun-17	MPPM	On market sale	AUD 1.56	-118	FPO	118
14-Jun-17	MPPM	On market sale	AUD 1.56	-129	FPO	129
14-Jun-17	MPPM	On market sale	AUD 1.56	-175	FPO	175
14-Jun-17	MPPM	On market sale	AUD 1.56	-243	FPO	243
14-Jun-17	MPPM	On market sale	AUD 1.56	-112	FPO	112
14-Jun-17	MPPM	On market sale	AUD 1.56	-112	FPO	112
14-Jun-17	MPPM	On market sale	AUD 1.56	-140	FPO	140
14-Jun-17	MPPM	On market sale	AUD 1.56	-642	FPO	642
14-Jun-17	MPPM	On market sale	AUD 1.56	-248	FPO	248
14-Jun-17	MPPM	On market sale	AUD 1.56	-180	FPO	180
14-Jun-17	MPPM	On market sale	AUD 1.56	-130	FPO	130
14-Jun-17	MPPM	On market sale	AUD 1.56	-292	FPO	292
14-Jun-17	MPPM	On market sale	AUD 1.56	-199	FPO	199
14-Jun-17	MPPM	On market sale	AUD 1.56	-104	FPO	104
09-Jun-17	MPPM	On market sale	AUD 1.49	-1408	FPO	1,408
08-Jun-17	MIMAL	On market sale	AUD 1.4	-250000	FPO	250,000
07-Jun-17	MPPM	On market sale	AUD 1.41	-368	FPO	368
07-Jun-17	MPPM	On market sale	AUD 1.41	-192	FPO	192
07-Jun-17	MPPM	On market sale	AUD 1.41	-268	FPO	268
07-Jun-17	MPPM	On market sale	AUD 1.41	-137	FPO	137
07-Jun-17	MPPM	On market sale	AUD 1.41	-126	FPO	126
07-Jun-17	MPPM	On market sale	AUD 1.41	-228	FPO	228
07-Jun-17	MPPM	On market sale	AUD 1.41	-231	FPO	231
07-Jun-17	MPPM	On market sale	AUD 1.41	-394	FPO	394
07-Jun-17	MPPM	On market sale	AUD 1.41	-159	FPO	159
07-Jun-17	MPPM	On market sale	AUD 1.41	-142	FPO	142
07-Jun-17	MPPM	On market sale	AUD 1.41	-154	FPO	154
07-Jun-17	MPPM	On market sale	AUD 1.41	-155	FPO	155
07-Jun-17	MPPM	On market sale	AUD 1.41	-191	FPO	191
07-Jun-17	MPPM	On market sale	AUD 1.41	-184	FPO	184
07-Jun-17	MPPM	On market sale	AUD 1.41	-392	FPO	392
07-Jun-17	MPPM	On market sale	AUD 1.41	-198	FPO	198
07-Jun-17	MPPM	On market sale	AUD 1.41	-133	FPO	133
07-Jun-17	MPPM	On market sale	AUD 1.41	-434	FPO	434
07-Jun-17	MPPM	On market sale	AUD 1.41	-174	FPO	174
07-Jun-17	MPPM	On market sale	AUD 1.41	-345	FPO	345
07-Jun-17	MPPM	On market sale	AUD 1.41	-166	FPO	166
07-Jun-17	MPPM	On market sale	AUD 1.41	-354	FPO	354
07-Jun-17	MPPM	On market sale	AUD 1.41	-799	FPO	799
07-Jun-17	MPPM	On market sale	AUD 1.41	-159	FPO	159
07-Jun-17	MPPM	On market sale	AUD 1.41	-320	FPO	320
07-Jun-17	MPPM	On market sale	AUD 1.41	-260	FPO	260
07-Jun-17	MPPM	On market sale	AUD 1.41	-172	FPO	172
07-Jun-17	MPPM	On market sale	AUD 1.41	-221	FPO	221
07-Jun-17	MPPM	On market sale	AUD 1.41	-226	FPO	226
07-Jun-17	MPPM	On market sale	AUD 1.41	-121	FPO	121
07-Jun-17	MPPM	On market sale	AUD 1.41	-1342	FPO	1,342

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
07-Jun-17	MPPM	On market sale	AUD 1.41	-167	FPO	167
07-Jun-17	MPPM	On market sale	AUD 1.41	-142	FPO	142
07-Jun-17	MPPM	On market sale	AUD 1.41	-176	FPO	176
07-Jun-17	MPPM	On market sale	AUD 1.41	-198	FPO	198
07-Jun-17	MPPM	On market sale	AUD 1.41	-215	FPO	215
07-Jun-17	MIMAL	On market sale	AUD 1.4	-3987	FPO	3,987
02-Jun-17	MPPM	On market sale	AUD 1.40	-2103	FPO	2,103
02-Jun-17	MPPM	On market sale	AUD 1.40	-1414	FPO	1,414
02-Jun-17	MPPM	On market sale	AUD 1.40	-2129	FPO	2,129
02-Jun-17	MIMAL	On market sale	AUD 1.4	-294513	FPO	294,513
01-Jun-17	MPPM	On market sale	AUD 1.39	-1433	FPO	1,433
01-Jun-17	MPPM	On market sale	AUD 1.39	-1402	FPO	1,402
01-Jun-17	MPPM	On market sale	AUD 1.39	-1307	FPO	1,307
31-May-17	MPPM	On market sale	AUD 1.40	-1611	FPO	1,611
31-May-17	MPPM	On market sale	AUD 1.40	-2877	FPO	2,877
30-May-17	MPPM	On market sale	AUD 1.38	-1312	FPO	1,312
30-May-17	MIMAL	On market sale	AUD 1.38	-86001	FPO	86,001
29-May-17	MIMAL	On market purchase	AUD 1.36	2363	FPO	2,363
29-May-17	MPPM	On market sale	AUD 1.36	-1330	FPO	1,330
26-May-17	MIMAL	On market purchase	AUD 1.36	64	FPO	64
25-May-17	MIMAL	On market purchase	AUD 1.36	2712	FPO	2,712

ANNEXURE 'C'

This is the annexure marked 'C' of 25 pages referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
25 September 2017

COMMERCIAL-IN CONFIDENCE

21 September 2017

Carp Advisory A Pty Ltd as trustee for Carp Investment Trust No. 1
Carp Advisory B Pty Ltd as trustee for Carp Investment Trust No. 2
Carp Holdings N.V.
(each a “**Vendor**” and collectively, the “**Vendors**”).

Dear Sirs

Sale of Shares in Bravura Solutions Limited (ABN 54 164 391 128)

1. **Introduction**

This agreement sets out the terms and conditions upon which each Vendor engages Macquarie Capital (Australia) Limited (ABN 79 123 199 548) (**Lead Manager**) to dispose of the number of existing fully paid ordinary shares in Bravura Solutions Limited (ABN 54 164 391 128) (**Company**) held by that Vendor, as outlined in Schedule 1 (**Sale Shares**) (**Sale**) and the Lead Manager agrees to procure the disposal of the Sale Shares and to provide underwriting thereof, subject to clause 2, in accordance with the terms of this agreement.

2. **Sale of shares**

2.1 **Sale**

Each Vendor agrees to sell the Sale Shares and the Lead Manager agrees to:

- (a) conduct a bookbuild in advance of the Trade Date in accordance with the Timetable to determine demand for the Sale Shares, at prices at and above the base price of \$1.55 (**Base Price**), from professional, sophisticated or other institutional investors (**Bookbuild**);
- (b) determine the Sale Price in accordance with clause 2.2 below; and
- (c) subject to clauses 2.7(a) and 2.7(b), to underwrite and guarantee the sale of the Sale Shares by purchasing at the Sale Price per Sale Share the Sale Shares of each Vendor which have not been purchased by third party purchasers (or the Lead Manager's Affiliates) in accordance with clause 2.1(a) as at 9.45am on the Trade Date (as defined in the Timetable in Schedule 2) (or such time as the parties agree in writing) (in aggregate the **Shortfall Shares**),

in accordance with the terms of this agreement. The Lead Manager acknowledges and agrees that the identity of purchasers, and the offers to them, will comply with the requirements of this clause 2 and, subject to the foregoing, may include the Lead Manager's respective Affiliates (as defined in clause 12.5).

2.2 **Determining the Sale Price and allocations**

- (a) The Sale Price for the Sale Shares will be determined by agreement between the Lead Manager and the Vendors, but will not be less than the Base Price.
- (b) The allocation of Sale Shares will be determined by the Lead Manager, after consultation with the Vendors.

2.3 **Sale and Settlement Date**

The Lead Manager will procure that the sale of the Sale Shares under clause 2.1 shall be effected:

- (a) subject to clause 2.2(b), by 9:45am on the Trade Date (as defined in the Timetable in Schedule 2), by way of one or more special crossings (in accordance with the Operating Rules of ASX) at the Sale Price, with settlement to follow on a T+2 basis in accordance with the ASX Settlement Operating Rules (**Settlement Date**); and
- (b) in respect of any Restricted Shares (as defined in clause 0), in accordance with clause 2.9.

2.4 Sale Shares

Subject to clause 11, by 3.00pm on the Settlement Date, the Lead Manager shall arrange for the payment to each Vendor, or to a designee as the Vendor directs, of an amount equal to:

- (a) the Sale Price multiplied by the number of Sale Shares being sold by the Vendor (excluding the number of Restricted Shares retained by each Vendor in accordance with clause 0, if any); less
- (b) the Vendor's Respective Proportion (as defined below) of any fees payable by that Vendor under clause 4 (together with any GST amount payable on those fees in accordance with clause 10),

by transfer to each Vendor's account for value (in cleared funds) against delivery of the Sale Shares (excluding the Restricted Shares, if any) being sold by the relevant Vendor. For the purposes of this Agreement, the **Respective Proportion** for each vendor equals the Sale Shares being sold by the Vendor divided by the total number of Sale Shares.

2.5 Timetable

The Lead Manager must conduct the Sale in accordance with the timetable set out in Schedule 2 (**Timetable**) (unless the Vendors consent in writing to a variation).

2.6 Account Opening

On or before the Trade Date, the Lead Manager or its nominated Affiliate will (where relevant) open an account in the name of each Vendor in accordance with its usual practice, and do all such things necessary to enable it to act as Lead Manager to sell the Sale Shares in accordance with this agreement.

2.7 Manner of Sale

- (a) **Cleansing Notices** – each Vendor must, and must procure that the Company, gives to ASX cleansing statements pursuant to section 708A(5)(e)(ii) of the Corporations Act 2001 (Cth) (**Corporations Act**) (as amended by ASIC Class Order 08/25):
 - (i) in respect of the sale of the Sale Shares, by 9.00am on the Business Day after the Trade Date; and
 - (ii) in respect of the sale of any Restricted Securities within the 5 Business Day period referred to in sections 708A(6)(a)(ii) of the Corporations Act (as amended by ASIC Class Order 08/25 as aforesaid) provided that this sub-clause (ii) shall only apply if and to the extent that the Vendors remain a 'controller' of the Company for the purposes of sections 707(5) of the Corporations Act at the time of sale of any Restricted Securities.
- (b) **U.S. opinion** - The Vendor will procure that Sidley Austin, special United States counsel to the Vendor, provides the Manager with an opinion on the Settlement Date and dated as of that date and expressed to be for their benefit, such opinion to be substantially in a form of the draft provided reasonably satisfactory to the Lead

Manager prior to the execution of this agreement,(acting reasonably), to the effect that no registration of the Sale Shares is required under the U.S. Securities Act for the initial offer, sale and delivery of the Sale Shares by the Vendor to or through the Lead Manager, and the initial offer, resale and delivery of the Sale Shares by the Lead Manager to investors, in each case in the manner contemplated by this agreement.

(c) **Exempt investors and permitted jurisdictions.** The Lead Manager will conduct the Sale by way of an offer only to persons:

- (i) if in Australia, who do not need disclosure under Part 6D.2 of the Corporations Act;
- (ii) if outside Australia, to institutional and professional investors in the Permitted Jurisdictions (as defined below) but not elsewhere (other than the United States, as set out in clause (c)(iii) below, and in accordance with clause 2.10 of this agreement) to whom offers for sale of securities may lawfully be made without requiring the preparation, delivery, lodgement or filing of any prospectus or other disclosure document or any other lodgement, registration or filing with, or approval by, a government agency (other than any such requirement with which the Vendor, in its sole and absolute discretion, is willing to comply), as determined by agreement between the Vendor and the Lead Manager;
- (iii) in the United States, in accordance with the provisions of clause 2.10 of this agreement; and
- (iv) in accordance with the foreign offer restrictions provided to the Lead Manager before the execution of this agreement.

Permitted Jurisdictions means Belgium, Denmark, France, Germany, Hong Kong, Ireland, Italy, Luxembourg, Netherlands, New Zealand, Norway, Singapore, Sweden, Switzerland, United Arab Emirates (excluding Dubai International Financial Centre) and United Kingdom.

(d) **Investor agreements.** The Lead Manager will ensure that investors that purchase Sale Shares (other than any Restricted Shares sold in regular brokered transactions on the ASX in accordance with clause 2.9(d)) confirm, including through deemed representations and warranties:

- (i) their status as an investor meeting the requirements of this clause 2.7 and clause 2.10;
- (ii) that they are able to make the relevant purchase in compliance with all relevant laws and regulations (including the takeover and insider trading provisions of the Corporations Act and the Foreign Acquisitions and Takeovers Act 1975 (Cth) and related policy); and
- (iii) formation of the contract for sale will occur in the place where Carp Holdings N.V. confirms the allocations proposed by the Lead Manager (in accordance with clause 2.7(f)).

(e) **Conduct and methodology.** The Sale will be conducted by the Lead Manager in accordance with the Timetable, and via the Bookbuild. Purchasers may include the Lead Manager related bodies corporate or Affiliates.

(f) **Allocations.** Proposed allocations of the Sale Shares to purchasers must be made by the Lead Manager in consultation with the Vendor and its advisers.

(g) **Confirmation Letter**

The Lead Manager agrees it will only sell the Sale Shares (other than any Restricted Shares sold in regular brokered transactions on the ASX in accordance with clause 2.9(d)) to persons specified in clause 2.10(b) that execute a confirmation letter on or prior to the Settlement Date in the form agreed in writing by the Vendors (acting reasonably) and the Lead Manager (and as may be amended by mutual agreement in writing, such agreement not to be unreasonably withheld or delayed) (**Confirmation Letter**).

2.8 Principal Shares

Notwithstanding anything else in this Agreement the number of Sale Shares which must be purchased by the Lead Manager under the terms of this Agreement (**Principal Shares**) will be the lesser of:

- (a) the Shortfall Shares; and
- (b) the maximum number of the Sale Shares that can be sold to the Lead Manager without breach by the Lead Manager or any of its associates of section 606 of the Corporations Act.

The Lead Manager warrants that the information it provides to the Vendors to enable it to calculate the number of Principal Shares in accordance with this clause will, at the time it is given, be accurate. If the number of Principal Shares is less than the number of Shortfall Shares, such difference to be referred to in this Agreement as the **Restricted Shares**, the Vendor agrees to retain any Restricted Shares, subject to the terms of this Agreement.

2.9 Restricted Shares

- (a) **Advance Amount.** By 3:00pm on the Settlement Date, the Lead Manager must advance to the Vendors in their Respective Proportions an amount equal to the number of Restricted Shares (if any) multiplied by the Sale Price (**Advance Amount**). No interest will be payable on the Advance Amount. Each Vendor must only repay their Respective Proportion of the Advance Amount from and to the extent that the Vendors receives the proceeds of sale of the Restricted Shares. The outstanding Advance Amount will not be repayable in any circumstances in respect of Restricted Shares not sold by the End Date (as defined in clause 2.9(c) below) and the agency provided for in clause 2.9(c) will terminate at that time or at such earlier time when all Restricted Shares have been sold. If a Vendor receives a dividend or other distribution on a Restricted Share prior to the End Date, where that dividend or distribution was announced after the Trade Date, then the Vendors must pay the after-tax amount of the receipt to the Lead Manager in reduction of the Advance Amount applicable to that Restricted Share.
- (b) **Repayment.** The Lead Manager will automatically apply any proceeds of sale of the Restricted Shares as agent against repayment of the Advance Amount by the Vendors (on a pro-rata basis), immediately upon receipt of those proceeds.
- (c) **Restricted Shares.** If there are Restricted Shares, then the Lead Manager will sell, as agent for the Vendors, in the ordinary course of the Lead Manager's business, the Restricted Shares by the date that is 90 Business Days after the date of this Agreement (**End Date**). The Vendors must comply with directions of the Lead Manager to transfer Restricted Shares (in their Respective Proportions) in order to settle any such sale, provided that all sales must be effected by 7.00 pm on the End Date;
- (d) **Execution of sale of Restricted Shares.** The Lead Manager agrees that the sale of the Restricted Shares will be effected by way of one or more special crossings in accordance with the Operating Rules of the ASX and the ASX Settlement Operating Rules, and/or by way of one or more regular brokered transactions on the ASX on the condition that neither it, nor any person acting on its behalf, knows, or has reason to know, that the sale has been pre-arranged with, or that the purchaser is, a person in the United States. Settlement of Restricted Shares sold in this manner

will occur on a T + 2 basis, (where T represents the date on which the relevant share was sold).

- (e) **Indemnity for Restricted Shares:** The Lead Manager must indemnify the Vendor for any shortfall between the actual price received for each Restricted Share sold (if any) as agent and the Sale Price in accordance with clause 2.9(c). Any such indemnified amount is to be paid to the Vendor on settlement in accordance with clause 2.9(d). For the avoidance of doubt, the Vendors are not entitled to more than their Respective Proportion of the Advance Amount.
- (f) **Interest in Restricted Shares.** The parties acknowledge that the Lead Manager does not acquire any interest in the Restricted Shares (if any) or any rights in them (by way of security or otherwise) in respect of them except as agent for the sale of those shares.

2.10 **U.S. Securities Act**

The Sale Shares shall only be offered and sold:

- (a) to persons that are not in the United States in “offshore transactions” (as defined in Rule 902(h) under the U.S. Securities Act of 1933, as amended (**U.S. Securities Act**)) in reliance on Regulation S under the U.S. Securities Act (**Regulation S**); and
- (b) to persons in the United States to persons (i) whom the Lead Manager reasonably believes to be qualified institutional buyers (**QIBs**), as defined in Rule 144A under the U.S. Securities Act (**Rule 144A**), in transactions exempt from the registration requirements of the U.S. Securities Act pursuant to Rule 144A thereunder; or (ii) that are dealers or other professional fiduciaries organised, incorporated or (if an individual) resident in the United States that are acting for an account (other than an estate or trust) held for the benefit or account of persons that are not "U.S. persons" (as defined in Rule 902(k) of Regulation S) for which they have, and are exercising, investment discretion, within the meaning of Rule 902(k)(2)(i) of Regulation S (**Eligible U.S. Fund Managers**) in reliance on Regulation S.

3. **Offer and Acceptance**

3.1 **Offer**

By the Vendors executing this Agreement and providing a copy of the Agreement, for execution, to the Lead Manager, the Vendors offer to enter into this Agreement, including offering to sell to the Lead Manager the Shortfall Shares (if any) the subject of clauses 2.1(c) (but subject to clause 2.8) in accordance with the terms and conditions set out in this Agreement.

3.2 **Acceptance of Offer**

- (a) By the Lead Manager executing this Agreement or a counterpart of this Agreement and complying with clause 3.2(b) the Lead Manager accepts the offer set out in clause 3.1.
- (b) This offer can only be accepted by the Lead Manager:
 - (i) sending to the Vendors at the email address described in Schedule 1, a scanned image of the Lead Manager's completed signature block as an attachment to an email which states that provision of that attachment constitutes acceptance of the terms of this Agreement; and
 - (ii) immediately forwarding a copy of that email (including its attachment) to the Vendor's solicitors as described in Schedule 1.

3.3 **Formation**

- (a) The parties agree that this Agreement is formed when and in the place where the Vendors receive communication of the Lead Manager's acceptance of the offer in accordance with clause 3.2(b)(i).
- (b) This Agreement binds the Lead Manager and the Vendors immediately upon the Vendors receiving the Lead Manager's acceptance of the Vendor's offer in accordance with clause 3.2(b).

4. Fees and costs

- (a) In consideration of performing its obligations under this agreement the Lead Manager shall be entitled to such fees as the parties agree.
- (b) The parties will each bear their own legal costs (if any) and all their other out-of-pocket expenses (if any) in connection with this agreement and the transactions contemplated by it.

5. Representations and Warranties

5.1 Representations and warranties by Vendors

As at the date of this agreement and on each day until and including the Settlement Date (or in the case where clause 2.7 applies in respect of the Lead Manager, 3 Business Days after the End Date), each Vendor represents and warrants to the Lead Manager that each of the following statements is true, accurate and not misleading:

- (a) **(body corporate)** it is a body corporate validly existing and duly established under the laws of its place of incorporation;
- (b) **(capacity)** it has full legal capacity and power to enter into this agreement and to carry out the transactions that this agreement contemplates;
- (c) **(authority)** it has taken, or will have taken by the time required, all corporate action that is necessary or desirable to authorise its entry into this agreement and its carrying out of the transactions that this agreement contemplates;
- (d) **(agreement effective)** this agreement constitutes its legal, valid and binding obligation, enforceable against it in accordance with its terms;
- (e) **(ownership, encumbrances)** it is the registered holder and sole legal owner of the Sale Shares noted against its name in Schedule 1 and will transfer the full legal and beneficial ownership of those Sale Shares free and clear of all liens, charges, security interests, claims, equities and pre-emptive rights, subject to registration of the transferee(s) in the register of shareholders of the Company;
- (f) **(Sale Shares)** following sale by it, the Sale Shares will rank equally in all respects with all other outstanding ordinary shares of the Company, including their entitlement to dividends;
- (g) **(Cleansing statement)** following the issue of cleansing notices, as contemplated by this agreement, the Sale Shares may be offered for sale on the financial market operated by ASX without disclosure to investors under Part 6D.2 of the Corporations Act;
- (h) **(power to sell)** it has the corporate authority and power to sell the Sale Shares under this agreement and no person has a conflicting right, whether contingent or otherwise, to purchase or to be offered for purchase the Sale Shares;
- (i) **(no insider trading offence)** at the time of execution of this Agreement by the Vendor, the sale of the Sale Shares will not constitute a violation by it of Division 3 of Part 7.10 of the Corporations Act;

- (j) **(breach of law)** it will perform its obligations under this Agreement so as to comply with all applicable laws in Australia, including in particular the Corporations Act and the FATA, the United States of America and the jurisdictions specified in clause 2.6(a)(ii);

(Vendor U.S representations)

- (k) none of it, any of its Affiliates (as defined in clause 12.5 of this Agreement), or any person acting on behalf of any of them (other than the Lead Manager and its Affiliates and any person acting on behalf of any of them, as to whom it makes no representation) has offered or sold, or will offer or sell, any of the Sale Shares in the United States, using any form of "general solicitation" or "general advertising" within the meaning of Rule 502(c) under the U.S. Securities Act or in any manner involving a public offering of the Sale Shares in the United States within the meaning of Section 4(a)(2) of the U.S. Securities Act;
- (l) with respect to those Sale Shares sold in reliance on Regulation S, none of it, any of its Affiliates, or any person acting on behalf of any of them (other than the Lead Manager and its Affiliates and any person acting on behalf of any of them, as to whom it makes no representation) has engaged or will engage in any "directed selling efforts" (as that term is defined in Rule 902(c) under the U.S. Securities Act) in the United States;
- (m) to the best of its knowledge, the Company is a "foreign private issuer" as defined in Rule 405 under the U.S. Securities Act and there is no "substantial U.S. market interest" (as defined in Rule 902(j) under the U.S. Securities Act) in the Sale Shares or any security of the same class or series as the Sale Shares;
- (n) neither it nor any of its Affiliates has taken or will take, directly or indirectly, any action designed to, or that might reasonably be expected to, cause or result in the stabilisation or manipulation of the price of the Sale Shares in violation of any applicable law;
- (o) none of it, any of its Affiliates or any person acting on behalf of any of them (other than the Lead Manager and its Affiliates and any person acting on behalf of any of them, as to whom it makes no representation or warranty), has solicited any offer to buy, offered to sell or sold, and none of them will solicit any offer to buy, offer to sell or sell in the United States any security which could be integrated with the sale of the Sale Shares in a manner that would require the offer and sale of the Sale Shares to be registered under the U.S. Securities Act;
- (p) subject to compliance by the Lead Manager with its obligation under clauses 5.2(e) to 5.2(k) of this Agreement, it is not necessary to register the offer, sale and delivery of the Sale Shares, or the initial offer, resale and delivery of the Sale Shares by the Lead Manager, in the manner contemplated by this Agreement under the U.S. Securities Act, it being understood that it makes no representation or warranty about any subsequent resale of the Sale Shares;
- (q) to the best of its knowledge, the Sale Shares are eligible for resale pursuant to Rule 144A and are not of the same class as securities listed on a national securities exchange registered under Section 6 of the U.S. Securities Exchange Act of 1934 (**Exchange Act**) or quoted in a U.S. automated interdealer quotation system; and
- (r) to the best of its knowledge, the Company is exempt from reporting under Section 13 or 15(d) of the Exchange Act pursuant to Rule 12g3-2(b) thereunder.

5.1A Remaining Shares

- (a) Subject to clause 12.9 (Waiver and variation), each Vendor represents that it has no current intention to, at any time on and from the date of this Agreement and up to 60 days after the Settlement Date (the "**Escrow Period**"), Deal in all or any

of the fully paid ordinary shares held by it in the Company ("**Remaining Shares**") after the Sale of the Sale Shares pursuant to this Agreement, excluding:

- (1) transactions in order to satisfy demand from eligible shareholders under a Company initiated dividend reinvestment plan (if any);
 - (2) a repurchase (whether by buy-back, reduction of capital or other means) of Remaining Shares by the Company;
 - (3) any acceptance by the Vendor of a takeover offer for the Company in accordance with Chapter 6 of the Corporations Act or transfer pursuant to a scheme of arrangement under Part 5.1 of the Corporations Act;
 - (4) a sale, transfer, or disposal to a third party where it is a condition of the sale that the third party announce an intention to acquire, or propose a transaction to acquire, greater than 50% of the ordinary shares in the Company;
 - (5) an arrangement to enable the Vendor to encumber any Remaining Shares to a bona fide third party financial institution solely as security for a loan or other financial accommodation ("**Bona Fide Financing**"), provided that the encumbrance may not in any way constitute a direct or indirect disposal of the economic interests, or decrease an economic interest, that the Vendor has in any Remaining Shares, except that, the bona fide third party financial institution may, in accordance with the documentation governing the Bona Fide Financing, be given, and may exercise, the right to enforce its encumbrance over the Remaining Shares at any time during the Escrow Period upon the occurrence of certain customary events of default in accordance with the documentation for such an encumbrance;
 - (6) the sale of any Restricted Shares in accordance with this Agreement; or
 - (7) a sale, transfer or disposal to an Affiliate of the Vendor that is subject to a representation on substantially the same terms as this clause 5.1A(a) in respect of the Remaining Shares sold, transferred or disposed. For the avoidance of doubt, any agreement by the Affiliate will be in respect of the Escrow Period.
- (b) Each party to the Agreement acknowledges that the representation in clause 5.1A(a) is a statement of intention as at the date of this Agreement and is not intended to and does not give the Lead Manager any power to dispose of, or control the disposal of, the Remaining Shares the subject of the to the extent that the Lead Manager would be in breach of applicable laws to have such power, and a breach of the representation in those circumstances will only give rise to a right to damages and the parties acknowledge that, in such circumstances, damages are an adequate remedy for breach of the representation.
- (c) Each party acknowledges that the representation in clause 5.1A(a) is a statement of intention as at the date of this Agreement and has been provided to only address the financial consequences of the Vendor disposing of, or dealing with, any Remaining Shares held by it. The parties acknowledge that the Lead Manager is not entitled to a remedy of specific performance for a breach of the representation in clause 5.1A(a).
- (d) For the purposes of clause 5.1A(a), "**Deal**" in respect of the Remaining Shares means:
- (1) sell, assign, transfer or otherwise dispose of;

- (2) agree to offer to sell, assign, transfer or otherwise dispose of;
 - (3) enter into any option which, if exercised (whether such exercise is subject to conditions or otherwise), enables or requires the Vendor to sell, assign, transfer or otherwise dispose of; or
 - (4) decrease or agree to decrease an economic interest in,
- the Remaining Shares.
- (e) Notwithstanding any provision to the contrary in this clause 5.1A, during the Escrow Period, the Vendor may Deal with the Remaining Shares (subject always to compliance with ASX notification requirements, and only after 4:15pm (Sydney time) on the date that the following condition has been satisfied) if the Company VWAP in any 5 consecutive trading days following the date of this agreement (and not including the date of this agreement) exceeds the Closing Price by more than 15% (disregarding, for the purpose of ascertaining this 5 trading day period, any trading days during which the Company's Shares are in trading halt for the entirety of that day).
- (f) For the purposes of clause 5.1A(e)
- (1) **"ASX"** means ASX Limited (ABN 98 008 624 691) or the financial market conducted by ASX Limited, as the context requires;
 - (2) **"Company VWAP"** means the volume weighted average price of the Shares (calculated to two decimal places of one cent) traded on the ASX in an "On Market Transaction" (as that term is defined in the operating rules of ASX) excluding special crossings, overseas trades, trades pursuant to the exercise of options or overnight trades, as determined by ASX in accordance with its customary practice; and
 - (3) **"Closing Price"** means the closing price of the Shares on the ASX on the date of this agreement.

5.2 Representations and warranties of Lead Manager

As at the date of this Agreement and on each day until and including the Settlement Date (or in the case where clause 2.7 applies in respect of the Lead Manager, 3 Business Days after the End Date), the Lead Manager represents to each Vendor that each of the following statements is correct:

- (a) **(body corporate)** It is a body corporate validly existing and duly established and duly incorporated under the laws of its place of incorporation;
- (b) **(capacity)** it has full legal capacity and power to enter into this Agreement and to carry out the transactions that this Agreement contemplates;
- (c) **(authority)** it has taken, or will have taken by the time required, all corporate action that is necessary or desirable to authorise its entry into this Agreement and its carrying out of the transactions that this Agreement contemplates; and
- (a) **(licences)** it holds all licences, permits and authorities necessary for it to fulfil its obligations under this agreement and has complied with the terms and conditions of the same in all material respects;
- (d) **(agreement effective)** this Agreement constitutes its legal, valid and binding obligation, enforceable against it in accordance with its terms; and
- (b) **(breach of law)** the Lead Manager will perform its obligations under this agreement (and ensure, in relation to the Sale, that its related bodies corporate and Affiliates

act in a manner) so as to comply with all applicable laws, including all applicable laws in Australia (including in particular the Corporations Act and the FATA and related policy), the United States of America and the jurisdictions specified in clause 2.7(c)(ii); provided that the Lead Manager will not be in breach of this warranty to the extent that any breach is caused or contributed to by an act or omission of a Vendor which constitutes a breach by a Vendor of its representations, warranties and undertakings in clause 6.1;

(Lead Manager U.S representations)

- (a) it is either a QIB or is not in the United States;
 - (b) it acknowledges that the offer and sale of the Sale Shares have not been and will not be registered under the U.S. Securities Act and may not be offered or sold in the United States except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the U.S. Securities Act;
 - (c) none of it, its Affiliates or any person acting on behalf of any of them has solicited offers for or offered to sell, and none of them will solicit offers for, or offer or sell, the Sale Shares in the United States, using any form of "general solicitation" or "general advertising" within the meaning of Rule 502(c) under the U.S. Securities Act or in any manner involving a public offering in the United States within the meaning of Section 4(a)(2) of the U.S. Securities Act;
 - (d) all offers and sales of the Sale Shares in the United States by it and any of its Affiliates will be effected through its U.S. broker-dealer Affiliates;
 - (e) it, its Affiliates and any person acting on behalf of any of them has offered and sold the Sale Shares, and will offer and sell the Sale Shares:
 - (i) in the United States, only (A) to a limited number of persons that it reasonably believes to be QIBs in transactions exempt from the registration requirements of the U.S. Securities Act pursuant to Rule 144A thereunder, or (B) to Eligible U.S Fund Managers, in reliance on Regulation S; and
 - (ii) to persons that are not in the United States in "offshore transactions" (as defined in Rule 902(h) under the U.S. Securities Act) in accordance with Regulation S;
- and, in each case, has only sold, and will only sell, the Sale Shares to persons that have executed a Confirmation Letter.
- (f) with respect to those Sale Shares sold in reliance on Regulation S, none of it, its Affiliates nor any person acting on behalf of any of them has engaged or will engage in any "directed selling efforts" (as that term is defined in Rule 902(c) under the U.S. Securities Act); and
 - (g) neither it nor any of its Affiliates has taken or will take, directly or indirectly, any action designed to, or that might reasonably be expected to, cause or result in the stabilisation or manipulation of the price of the Sale Shares in violation of any applicable law.

5.3 Reliance

Each party giving a representation and warranty acknowledges that the other parties have relied on the above representations and warranties in entering into this agreement and will continue to rely on these representations and warranties in performing their obligations under this agreement. The above representations and warranties continue in full force and effect notwithstanding completion of this agreement.

5.4 Notification

Each party agrees that it will tell the other parties immediately upon becoming aware of any of the following occurring prior to the completion of the sale of the Sale Shares:

- (a) any material change affecting any of the foregoing representations and warranties; or
- (b) any of the foregoing representations or warranties becoming materially untrue or materially incorrect.

6. Undertakings

6.1 Restricted Activities

Each Vendor undertakes to the Lead Manager to:

- (a) not, prior to settlement on the Settlement Date commit, be involved in or acquiesce in any activity which breaches:
 - (i) the Corporations Act and any other applicable laws;
 - (ii) its constitution;
 - (iii) the ASX Listing Rules;
 - (iv) any legally binding requirement of ASIC or the ASX, as they apply to the Vendor; and
- (b) immediately notify the Lead Manager of any breach of any warranty or undertaking given by it under this Agreement;

each of these undertakings being material terms of this Agreement.

7. Indemnity

7.1 Each Vendor agrees with the Lead Manager that it will keep the Lead Manager and its Affiliates and their respective directors, officers and employees (**Indemnified Parties**) indemnified against any losses, damages, liabilities, costs, claims, actions and demands (including any reasonable expenses arising in connection therewith) (**Losses**) to the extent that such Losses are incurred as a result of a breach of this Agreement by it, including any breach of any of the above representations, warranties or undertakings given by it, and will reimburse the Lead Manager for all out of pocket costs, charges and expenses which it may reasonably pay or incur in connection with investigating, disputing or defending any such action, demand or claim for which it is indemnified under this Agreement.

7.2 The indemnity in clause 7.1 does not extend to and is not to taken as an indemnity against any Losses of an Indemnified Party to the extent any Losses have resulted from:

- (a) any fraud, recklessness, wilful misconduct or negligence of the Indemnified Party;
- (b) any penalty or fine which the Indemnified Party is required to pay for any contravention of any law; or
- (c) any amount in respect of which the indemnity would be illegal, void or unenforceable under any applicable law,

and in all cases Losses does not include loss, damage or costs of subscription suffered solely as a result of the Lead Manager performing its obligations under clause 2.1(c)).

7.3 Each of the Vendors and any Indemnified Party must not settle any action, demand or claim to which the Indemnity in clause 7.1 relates without the prior written consent of the Vendors or the Lead Manager, as applicable, such consent not to be unreasonably withheld.

- 7.4 The indemnity in clause 7.1 is a continuing obligations, separate and independent from the other obligations of the parties under this Agreement and survive termination or completion of this Agreement. It is not necessary for the Lead Manager to incur expense or make payment before enforcing that indemnity.
- 7.5 The indemnity in clause 7.1 is granted to the Lead Manager both for itself and on trust for each of the Indemnified Parties.
- 7.6 Subject to clause 7.7, the parties agree that if for any reason the indemnity in clause 7.1, is unavailable or insufficient to hold harmless any Indemnified Party against any Losses against which the Indemnified Party is stated to be indemnified (other than expressly excluded), the respective proportional contributions of the Vendors and the Indemnified Party or the Indemnified Parties in relation to the relevant Losses will be as agreed, or failing agreement as determined by a court of competent jurisdiction, having regard to the participation in, instigation of or other involvement of the Vendors and the Indemnified Party or the Indemnified Parties in the act complained of, having particular regard to relative intent, knowledge, access to information and opportunity to correct any untrue statement or omission.
- 7.7 The Vendors agree with each of the Indemnified Parties that in no event will the Lead Manager and its associated Indemnified Parties be required to contribute under clause 7.7 to any Losses in an aggregate amount that exceeds the aggregate of the fees paid to the Lead Manager under this Agreement.
- 7.8 If an Indemnified Party pays an amount in relation to Losses where it is entitled to contribution from a Vendor under clause 7.7 the Vendors agree promptly to reimburse the Indemnified Party for that amount.
- 7.9 If a Vendor pays an amount to the Indemnified Parties in relation to Losses where it is entitled to contribution from the Indemnified Parties under clause 7.7 the Indemnified Parties must promptly reimburse the Vendor for that amount.

8. Announcements

- (a) The Vendors and the Lead Manager will consult each other in respect of any material public releases by any of them concerning the sale of the Sale Shares. The prior written consent of the Vendors must be obtained prior to the Lead Manager making any release or announcement or engaging in publicity in relation to the Sale of the Sale Shares and such release, announcement or engagement must be in compliance with all applicable laws, including the securities laws of Australia, the United States and any other jurisdiction

- 8.2 The Lead Manager may, after completion of its other obligations under this Agreement, place advertisements in financial and other newspapers and journals at its own expense describing their service to the Vendors provided such advertisements are in compliance with all applicable laws, including the securities laws of Australia, the United States and any other jurisdiction and are consistent with other publicly available information in relation to the subject matter of the announcement.

9. Event of termination

9.1 Right of termination.

If, at any time during the Risk Period (as defined in clause 9.4), a Vendor is in default of any of the terms and conditions of this Agreement or breaches any representation, warranty or undertaking given or made by it under this Agreement then the Lead Manager may terminate this Agreement without cost or liability to itself at any time before the expiry of the Risk Period by giving written notice to the Vendors.

9.2 Materiality

No event listed in clause 8.1 entitles the Lead Manager to exercise its termination rights unless, in the bona fide opinion of the Lead Manager, it:

- (a) has, or would reasonably be expected to have, a material adverse effect on:
 - (i) the willingness of persons to purchase the Sale Shares; or
 - (ii) the price at which ordinary shares in the Company are sold on the ASX; or
- (b) would reasonably be expected to give rise to a liability of the Lead Manager under the Corporations Act or any other applicable law.

9.3 **Effect of termination**

Where, in accordance with this clause 8, the Lead Manager terminates its obligations under this Agreement:

- (a) the obligations of the Lead Manager under this Agreement immediately end; and
- (b) any entitlements of the Lead Manager accrued under this Agreement, including the right to be indemnified, up to the date of termination survive.

9.4 **Risk Period**

For the purposes of this clause, the "Risk Period" means the period commencing on the execution of this Agreement and ending at the earlier of:

- (a) 9.45am on the Trade Date; and
- (b) the time of the special crossing (or if more than one special crossing, the occurrence of the first special crossing) of the Sale Shares referred to in clause 2.2.

10. **GST**

10.1 **Input Tax Credit**

Unless otherwise expressly stated, any fees which the parties agree to be payable to the Lead Manager and any other amounts payable to the Lead Manager under this Agreement are to be agreed and calculated to be exclusive of GST. However, if any amounts payable to the Lead Manager under this Agreement are calculated by reference to a cost or expense incurred by the Lead Manager, the amount payable to the Lead Manager under any other provision of this Agreement must be reduced by the amount of any input tax credit to which the Lead Manager reasonably determines it (or the representative member of the same GST group of which the Lead Manager is a member) is entitled for an acquisition in connection with that cost or expense.

10.2 **Tax invoice**

If any supply made under this Agreement is a taxable supply, the entity making the taxable supply (**Supplier**) must issue a valid tax invoice to the party providing the consideration for that taxable supply (**Recipient**). The tax invoice issued by the Supplier must comply with GST law and it should set out in detail (but not be limited to) the nature of the taxable supply, the consideration attributable to the taxable supply, the amount of GST payable by the Supplier in connection with the taxable supply and any other details reasonably requested by the Recipient. The GST amount means, in relation to a taxable supply, the amount of GST for which the Supplier is liable in respect of the taxable supply (**GST Amount**).

10.3 **Timing of Payment**

Subject to receipt of a valid tax invoice, the Recipient must pay the GST Amount in connection with a taxable supply made by the Supplier to the Recipient at the same time that the Recipient must provide the consideration for that taxable supply (under the other provisions of this Agreement), or if later, within 5 business days of the Recipient receiving a tax invoice for that taxable supply.

10.4 **Payment Differences**

If the GST payable by the Supplier in connection with the taxable supply differs from the GST Amount paid by the Recipient under this clause, the Supplier must repay any excess to the Recipient or the Recipient must pay any deficiency to the Supplier, as appropriate within 5 business days of the Supplier providing the Recipient with a written notification regarding the difference in the GST payable. Where the difference in the GST payable results from an adjustment event, the written document at on provided by the Supplier under this clause must include an adjustment note or tax invoice as required by the GST law.

10.5 **Defined Terms**

The references to "GST" and other terms used in this Agreement (except Recipient and GST Amount) have the meaning given to those terms by the A New Tax System (Goods and Services Tax) Act 1999 (as amended from time to time), unless the context suggests otherwise. However, any part of a supply that is treated as a separate supply for GST purposes (including attributing GST payable to tax periods) will be treated as a separate supply for the purposes of this clause 9.

10.6 **References**

A reference to something done (including a supply made) by a party includes a reference to something done by any entity through which that party acts.

11. **Withholding Tax**

11.1 **Obligation to withhold**

If the Lead Manager is compelled by any applicable law to deduct any withholding, including pursuant to a Withholding Notice, the Lead Manager will:

- (a) withhold such amounts or make such payments as are required by applicable law;
- (b) provide the relevant Vendor with written advice of the requirement, amount and timing of such withholding or payment;
- (c) within forty eight (48) hours of receipt, provide the relevant Vendor with any copies of any available instructions or directions from any governmental authority under which sums are withheld and of any available receipts for amounts withheld or other evidence of sums withheld reasonably required by the relevant Vendor; and
 - (i) the relevant Vendor will have no claim against and hereby release the Lead Manager from and in respect of any sum of money lawfully withheld pursuant to this clause; and
 - (ii) the parties will provide such information and documentation as each party may reasonably require for the purposes of the clause.

11.2 **Refunds**

Notwithstanding anything to the contrary in this clause, the Lead Manager shall pay to the relevant Vendor within 10 Business Days of receipt, any withholding amounts released or refunded that were previously withheld or paid, including pursuant to a Withholding Notice, under this agreement.

11.3 **CGT Withholding**

For the purposes of subsection 14-225(2) of Schedule 1 the Taxation Administration Act 1953, by entering into this Agreement each of the Vendors declares that, for the period beginning from the date of this agreement until the Settlement Date, that the Sale Shares are membership interests but not indirect Australian real property interests.

The Lead Manager acknowledges and agrees that:

- (a) this clause 11.3 constitutes a declaration for the purposes of sections 14-210(3) and 14-225(2) of Schedule 1 to the Taxation Administration Act 1953, given by the Vendor to the Lead Manager.
- (b) the Lead Manager does not know that declaration to be false; and
- (c) the Lead Manager will not:
 - (i) withhold any amount in relation to a CGT Withholding Amount from any payments to be made to a Vendor; or
 - (ii) pay a CGT Withholding Amount to the Commissioner, in connection with this agreement.

11.4 Defined Terms

- (a) Withholding Notice means a notice pursuant to section 255 of the Income Tax Assessment Act 1936 (Cth) or section 260-5 of the Taxation Administration Act 1953 (Cth).
- (b) CGT Withholding Amount means amounts, if any, determined under section 14-200(3) of Schedule 1 to the Taxation Administration Act 1953 which may be payable to the Commissioner (as defined under the Taxation Administration Act 1953) under section 14-200(1) of Schedule 1 to the Taxation Administration Act 1953.

12. Miscellaneous

12.1 Entire agreement

This agreement and any agreement entered into by the parties as contemplated in clause 4(a) constitutes the entire agreement of the parties about its subject matter and supersedes all previous agreements, understandings and negotiations on that matter.

12.2 Governing law

This agreement is governed by the laws of New South Wales, Australia. Each party submits to the non-exclusive jurisdiction of courts exercising jurisdiction in New South Wales, and waives any right to claim that those courts are an inconvenient forum.

12.3 No assignment

No party may assign its rights or obligations under this agreement without the prior written consent of the other parties.

12.4 Notices

Any notice, approval, consent, agreement, waiver or other communication in connection with this agreement must be in writing.

12.5 Affiliates

In this agreement the term "Affiliates" has the meaning given to that term in Rule 501(b) under the U.S. Securities Act and means any person that directly, or indirectly through one or more intermediaries, controls, or is controlled by, or is under common control with, a person; "control" (including the terms "controlled by" and "under common control with") means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a person, whether through the ownership of securities by contract or agency or otherwise and the term "person" is deemed to include a partnership.

12.6 **Business Day**

In this agreement "Business Day" means a day on which:

- (a) ASX is open for trading in securities; and
- (b) banks are open for general banking business in Sydney, Australia.

12.7 **Interpretation**

In this agreement:

- (a) headings and sub-headings are for convenience only and do not affect interpretation;
- (b) a reference to legislation or to a provision of legislation includes a modification or re-enactment of it, a legislative provision substituted for it and a regulation or statutory instrument issued under it;
- (c) a reference to "dollars" and "\$" is to Australian currency;
- (d) a reference to a right or obligation of any 2 or more persons confers that right, or imposes that obligation, severally and not jointly and severally and, in particular, the Vendors' rights and obligations in this Agreement are several only (and not joint and several) and no Vendor is liable for any liability of any other Vendor and for the avoidance of doubt and notwithstanding any other clause in this Agreement, each Vendor's several liability under this Agreement is determined by reference to their Respective Proportion (as defined in clause 2.4) of any aggregate liability; and
- (e) all references to time are to Sydney, New South Wales, Australia time.

12.8 **Severability**

Any provision of this Agreement which is prohibited or unenforceable in any jurisdiction will be ineffective as to that jurisdiction to the extent of the prohibition or unenforceability. That will not invalidate the remaining provisions of this Agreement nor affect the validity or enforceability of that provision in any other jurisdiction.

12.9 **Waiver and variation**

A provision of or right vested under this Agreement may not be:

- (a) waived except in writing signed by the party granting the waiver, or
- (b) varied except in writing signed by the parties.

12.10 **No merger**

The rights and obligations of the parties will not merge on the termination or expiration of this Agreement. Any provision of this Agreement remaining to be performed or observed by a party, or having effect after the termination of this Agreement for whatever reason remains in full force and effect and is binding on that party.

12.11 **Counterparts**

This agreement may be executed in any number of counterparts. All counterparts together will be taken to constitute one agreement.

12.12 **Acknowledgement**

Each Vendor acknowledges that:

- (a) the Lead Manager is not obliged to disclose to any Vendor or utilise for the benefit of any Vendor, any non-public information which the Lead Manager obtains in the normal course of its business where such disclosure or use would result in a breach of any obligation of confidentiality and any internal Chinese wall policies of the Lead Manager;
- (b) without prejudice to any claim a Vendor may have against the Lead Manager, no proceedings may be taken against any director, officer, employee or agent of the Lead Manager in respect of any claim that a Vendor may have against the Lead Manager;
- (c) it is contracting with the Lead Manager on an arm's length basis to provide the services described in this agreement and the Lead Manager has not and is not assuming any duties or obligations (fiduciary or otherwise) in respect of it other than those expressly set out in this Agreement;
- (d) in performing its obligations under this Agreement, the Lead Manager will rely on the information provided to it by or on behalf of the Vendors and information in the public domain without having independently verified the same, and the Lead Manager does not assume any responsibility for the accuracy or completeness of such information for which, in the case of information provided to the Lead Manager by or on behalf of the Vendors, the Vendors will be solely responsible;
- (e) the Lead Manager may perform the services contemplated by this Agreement in conjunction with their respective Affiliates, and any Affiliates performing these services are entitled to the benefits of and are subject to the terms of this Agreement; and
- (f) the Lead Manager is a full service securities and corporate advisory firm and, along with its respective Affiliates, the Lead Manager is engaged in various activities, including writing research, securities trading, investment management, financing and brokerage activities and financial planning and benefits counselling for both companies and individuals. In the ordinary course of these activities, the Lead Manager, its Affiliates, employees and officers may be providing, or may be in the future providing, financial or other services to other parties with conflicting interests to the Vendors and may receive fees for those services and may actively trade the debt and equity securities (or related derivative securities) for the Lead Manager's own account and for the account of their customers and may at any time hold long and short positions in such securities.

12.13 **Trustee limitation of liability**

- (a) In this clause 12.13, the term Trust means each of the trusts established over the shares in the Company beneficially owned by the following funds, and Trustee means the trustee of such Trusts, in each case as indicated below:

Trustee	Trust
Carp Advisory A Pty Ltd	Carp Investment Trust No. 1
Carp Advisory B Pty Ltd	Carp Investment Trust No. 2

- (b) The Trustee enters into this Agreement only in its capacity as trustee of the Trusts and in no other capacity. A liability arising under or in connection with this Agreement, except a liability arising under this clause 12.13, is limited, and can only be enforced against the Trustee to the extent to which it can be satisfied out of the assets of the Trust out of which the Trustee is actually indemnified for the liability. The limitation of the Trustee's liability applies despite any other provision of this Agreement.

- (c) No party may sue the Trustee in any capacity other than as trustee of the Trust, including seeking the appointment of a receiver (except in relation to property of the Trust), a liquidator, an administrator, or any similar person to the Trustee or prove in any liquidation, administration or arrangement of or affecting the Trustee (except in relation to property of the Trust).
- (d) The provisions of this clause 12.13 do not apply to any obligation or liability of the Trustee to the extent that they are not satisfied because under the deed governing the Trust or by operation of law there is a reduction in the extent of the Trustee's indemnification out of the assets of the Trust, as a result of the Trustee's fraud, negligence or breach of trust.
- (e) The Trustee warrants to each other party that it has a right of indemnification as referred to in clause 12.13(b) and undertakes that it will notify each of such parties as soon as it is reasonably practicable on such right being reduced, qualified or limited in any material respect.

Yours sincerely,

Signed for
Macquarie Capital (Australia) Limited
by its attorneys

Attorney

in the presence of

Witness

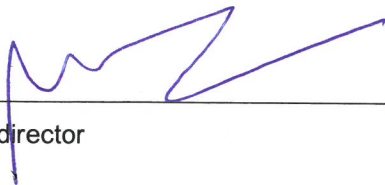
Attorney

in the presence of

Witness

Accepted and agreed to as of the date of this agreement:

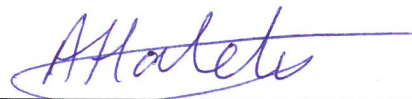
Executed by Carp Advisory A Pty Ltd as trustee
for Carp Investment Trust No. 1 under section
127 of the Corporations Act 2001 (Cth):



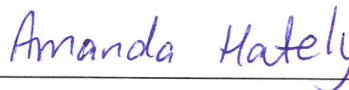
Signature of director

PAUL EVANS

Full name of director

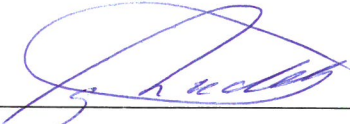


Signature of ~~director~~ / secretary



Full name of ~~director~~ / secretary

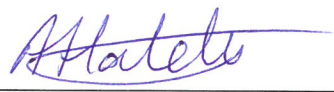
Executed by Carp Advisory B Pty Ltd as trustee
for Carp Investment Trust No. 2 under section
127 of the Corporations Act 2001 (Cth):



Signature of director

GREG RUDDOCK

Full name of director



Signature of ~~director~~ / secretary

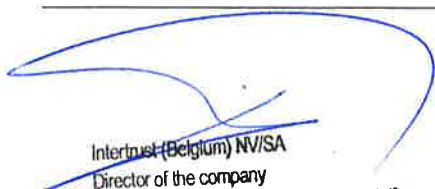
Amanda Hatley

Full name of ~~director~~ / secretary

Executed by Carp Holdings N.V. by its duly authorised representatives:

Authorised representative

Name of authorised representative


Intertrust (Belgium) NV/SA
Director of the company
represented by its permanent representative,
Christophe Tans

Authorised representative

Name of authorised representative


Phidias Management NV/SA
Managing Director of the company duly
represented by its own director acting
as permanent representative: I. Florescu

Schedule 1

Each Vendor details

Vendor	Address	Sale Shares
Carp Advisory A Pty Ltd as trustee for Carp Investment Trust No. 1	Level 10 56 Pitt Street Sydney NSW 2000 christophe.tans@intertrustgroup.com	10,246,600
Carp Advisory B Pty Ltd as trustee for Carp Investment Trust No. 2	Level 10 56 Pitt Street Sydney NSW 2000 christophe.tans@intertrustgroup.com	10,246,600
Carp Holdings N.V.	Koningsstraat 97 Brussels 1000 Belgium christophe.tans@intertrustgroup.com	39,506,800

Vendors' Solicitors

Firm	Attention	Email Address
Clayton Utz	Mr Niro Ananda	nananda@claytonutz.com

Schedule 2

Timetable

Key events	Time	Date
Books open	4.30pm	21 September 2017
Books close	7.00pm	21 September 2017
Trade Date (T). (Special crossing/s by)	10.00am	22 September 2017
Settlement Date (T + 2)	3.00pm	26 September 2017
End Date	9.00am	25 January 2018

Yours sincerely,

Signed for

Macquarie Capital (Australia) Limited

by its attorneys



Attorney Georgia Lalor



in the presence of LISA YANG

Witness



Attorney ROWAN KELLAM



in the presence of LISA YANG

Witness