

Annexure AI

The monthly index prices of Japanese Crude Cocktail (JCC) is US\$/bbl) and Henry Hub prices in US\$/million BTU

month	Japanese crude cocktail (\$/bbl)	Henry Hub Natural Gas (USD/million BTU)
Jul-05	53.28	7.63
Aug-05	55.51	9.53
Sep-05	59.35	11.75
Oct-05	59.89	13.42
Nov-05	57.58	10.3
Dec-05	54.73	13.05
Jan-06	56.39	8.69
Feb-06	61.08	7.54
Mar-06	61.03	6.89
Apr-06	61.30	7.16
May-06	66.53	6.25
Jun-06	67.81	6.21
Jul-06	67.96	6.17
Aug-06	71.84	7.14
Sep-06	72.06	4.9
Oct-06	64.45	5.85
Nov-06	59.87	7.41
Dec-06	58.61	6.73
Jan-07	60.43	6.55
Feb-07	55.08	8
Mar-07	57.05	7.11
Apr-07	60.85	7.6
May-07	65.66	7.64
Jun-07	67.49	7.35
Jul-07	69.38	6.22
Aug-07	72.24	6.22
Sep-07	71.12	6.08
Oct-07	76.24	6.74
Nov-07	81.16	7.1
Dec-07	90.66	7.11
Jan-08	91.19	7.99
Feb-08	92.88	8.54
Mar-08	95.43	9.41
Apr-08	101.12	10.18
May-08	108.02	11.27
Jun-08	121.93	12.69

Jul-08	131.62	11.09
Aug-08	135.15	8.26
Sep-08	120.57	7.67
Oct-08	102.56	6.74
Nov-08	73.69	6.68
Dec-08	54.88	5.82
Jan-09	43.17	5.24
Feb-09	45.29	4.52
Mar-09	44.40	3.96
Apr-09	47.42	3.5
May-09	52.27	3.83
Jun-09	59.36	3.8
Jul-09	69.91	3.38
Aug-09	68.00	3.14
Sep-09	73.00	2.99
Oct-09	70.18	4.01
Nov-09	74.76	3.66
Dec-09	79.47	5.35
Jan-10	77.68	5.83
Feb-10	78.89	5.32
Mar-10	76.54	4.29
Apr-10	79.87	4.03
May-10	85.00	4.14
Jun-10	79.66	4.8
Jul-10	76.33	4.63
Aug-10	74.70	4.32
Sep-10	76.01	3.89
Oct-10	77.25	3.43
Nov-10	82.24	3.71
Dec-10	85.91	4.25
Jan-11	91.83	4.49
Feb-11	95.90	4.09
Mar-11	103.06	3.97
Apr-11	111.88	4.24
May-11	118.70	4.31
Jun-11	114.70	4.54
Jul-11	113.45	4.42
Aug-11	114.63	4.06
Sep-11	110.61	3.9
Oct-11	110.90	3.57
Nov-11	109.40	3.24
Dec-11	114.13	3.17

Jan-12	113.37	2.67
Feb-12	116.34	2.51
Mar-12	121.32	2.17
Apr-12	126.94	1.95
May-12	124.56	2.43
Jun-12	115.36	2.46
Jul-12	102.16	2.95
Aug-12	103.00	2.84
Sep-12	111.50	2.85
Oct-12	115.57	3.32
Nov-12	113.86	3.54
Dec-12	112.99	3.34
Jan-13	111.96	3.33
Feb-13	113.23	3.33
Mar-13	115.64	3.81
Apr-13	111.29	4.17
May-13	106.56	4.04
Jun-13	104.66	3.83
Jul-13	104.70	3.62
Aug-13	107.18	3.43
Sep-13	111.04	3.62
Oct-13	113.50	3.68
Nov-13	112.75	3.64
Dec-13	112.14	4.24
Jan-14	113.46	4.71
Feb-14	110.92	4.76
Mar-14	110.14	4.9
Apr-14	109.49	4.66
May-14	109.18	4.58
Jun-14	110.02	4.59
Jul-14	111.61	4.05
Aug-14	110.53	3.91
Sep-14	106.18	3.92
Oct-14	100.72	3.78
Nov-14	90.81	4.12
Dec-14	78.91	3.48
Jan-15	63.36	2.99
Feb-15	49.54	2.87
Mar-15	54.78	2.83
Apr-15	56.17	2.61
May-15	59.36	2.85
Jun-15	63.99	2.78

Annexure AII

Long term and Short term charter rates of LNG shipping of size 1,55,000 CBM to 1,75,000 CBM capacity

Month	Long term period rates in USD per day	Short term rates in USD per day
Feb-05	61,000	72,000
Mar-05	61,000	72,000
Apr-05	61,000	72,000
May-05	61,000	35,000
Jun-05	57,500	23,000
Jul-05	57,500	23,000
Aug-05	61,000	35,000
Sep-05	61,000	35,000
Oct-05	61,000	35,000
Nov-05	65,000	50,000
Dec-05	65,000	40,000
Jan-06	65,000	40,000
Feb-06	65,000	65,000
Mar-06	65,000	65,000
Apr-06	65,000	50,000
May-06	65,000	45,000
Jun-06	65,000	45,000
Jul-06	65,000	45,000
Aug-06	65,000	45,000
Sep-06	65,000	75,000
Oct-06	65,000	75,000
Nov-06	65,000	75,000
Dec-06	65,000	75,000
Jan-07	65,000	72,000
Feb-07	65,000	70,000
Mar-07	65,000	70,000
Apr-07	65,000	70,000
May-07	65,000	42,000
Jun-07	65,000	60,000
Jul-07	68,000	75,000
Aug-07	68,000	75,000
Sep-07	68,000	75,000
Oct-07	68,000	75,000
Nov-07	68,000	80,000
Dec-07	68,000	60,000

Jan-08	68,000	55,000
Feb-08	68,000	45,000
Mar-08	68,000	45,000
Apr-08	70,000	40,000
May-08	70,000	35,000
Jun-08	70,000	32,000
Jul-08	70,000	35,000
Aug-08	70,000	44,000
Sep-08	70,000	40,000
Oct-08	70,000	40,000
Nov-08	70,000	42,000
Dec-08	70,000	50,000
Jan-09	70,000	45,000
Feb-09	68,000	40,000
Mar-09	68,000	30,000
Apr-09	68,000	30,000
May-09	68,000	35,000
Jun-09	68,000	30,000
Jul-09	68,000	35,000
Aug 09	68,000	35,000
Sep 09	68,000	35,000
Oct 09	68,000	38,000
Nov 09	68,000	40,000
Dec 09	68,000	45,000
Jan 10	68,000	45,000
Feb 10	68,000	35,000
Mar 10	68,000	35,000
Apr 10	70,000	35,000
May 10	70,000	35,000
Jun 10	70,000	30,000
Jul 10	70,000	32,500
Aug 10	70,000	37,500
Sep 10	70,000	38,500
Oct 10	70,000	42,000
Nov 10	70,000	55,000
Dec 10	74,000	68,000
Jan 11	74,000	75,000
Feb 11	74,000	72,000
Mar 11	74,000	84,000
Apr 11	78,000	92,000
May 11	78,000	94,000
Jun 11	78,000	95,000

Jul 11	78,000	95,500
Aug 11	78,000	95,500
Sep 11	90,000	1,10,000
Oct 11	90,000	1,12,000
Nov 11	90,000	1,14,000
Dec 11	90,000	1,25,000
Jan 12	90,000	1,45,000
Feb 12	90,000	1,45,000
Mar 12	90,000	1,45,000
Apr 12	90,000	1,10,000
May 12	90,000	1,50,000
Jun 12	90,000	1,55,000
Jul 12	90,000	1,35,000
Aug 12	90,000	1,35,000
Sep 12	90,000	1,25,000
Oct 12	90,000	1,15,000
Nov 12	90,000	1,00,000
Dec 12	90,000	1,20,000
Jan 13	90,000	1,20,000
Feb 13	90,000	1,15,000
Mar 13	90,000	1,00,000
Apr 13	90,000	95,000
May 13	90,000	95,000
Jun 13	90,000	95,000
Jul 13	90,000	90,000
Aug 13	90,000	90,000
Sep 13	90,000	90,000
Oct 13	90,000	85,000
Nov 13	90,000	85,000
Dec 13	90,000	85,000
Jan 14	90,000	60,000
Feb 14	90,000	50,000
Mar 14	90,000	50,000
Apr 14	90,000	50,000
May 14	90,000	50,000
Jun 14	90,000	43,000
Jul 14	90,000	40,000
Aug-14	90,000	65,000
Sep-14	90,000	65,000
Oct-14	90,000	71,000
Nov-14	85,000	73,000
Dec-14	85,000	73,000

Jan-15	80,000	60,000
Feb-15	75,000	53,000
Mar-15	75,000	47,000
Apr-15	75,000	36,000
May-15	75,000	30,000
Jun-15	75,000	33,000
Jul-15	75,000	27,000
Aug-15	75,000	30,000

Annexure AIII

Monthly LNG New Shipbuilding prices of 1,55,000 to 1,75,000 CBM capacity

Month	LNG carrier newbuilding prices: 155-173,000 cbm (USD per cubic metre)
Apr 05	201
May 05	201
Jun 05	203
Jul 05	203
Aug 05	201
Sep 05	202
Oct 05	210
Nov 05	205
Dec 05	205
Jan 06	210
Feb 06	217
Mar 06	217
Apr 06	205
May 06	217
Jun 06	217
Jul 06	217
Aug 06	220
Sep 06	220
Oct 06	220
Nov 06	220
Dec 06	220
Jan 07	220
Feb 07	220
Mar 07	220
Apr 07	225
May 07	225
Jun 07	225
Jul 07	225
Aug 07	225
Sep 07	230
Oct 07	230
Nov 07	225
Dec 07	220
Jan 08	220
Feb 08	220

Mar 08	220
Apr 08	220
May 08	220
Jun 08	220
Jul 08	220
Aug 08	250
Sep 08	250
Oct 08	250
Nov 08	250
Dec 08	250
Jan-09	245
Feb-09	235
Mar-09	235
Apr-09	233
May-09	233
Jun-09	232
Jul-09	232
Aug-09	231
Sep-09	219
Oct-09	213
Nov-09	211
Dec-09	210
Jan-10	210
Feb-10	210
Mar-10	210
Apr-10	212
May-10	212
Jun-10	210
Jul-10	205
Aug-10	205
Sep-10	205
Oct-10	205
Nov-10	205
Dec-10	205
Jan-11	206
Feb-11	206
Mar-11	206
Apr-11	199
May-11	199
Jun-11	199
Jul-11	200
Aug-11	201

Sep-11	203
Oct-11	203
Nov-11	203
Dec-11	203
Jan-12	203
Feb-12	203
Mar-12	203
Apr-12	203
May-12	203
Jun-12	203
Jul-12	200
Aug-12	200
Sep-12	200
Oct-12	200
Nov-12	195
Dec-12	200
Jan-13	200
Feb-13	205
Mar-13	205
Apr-13	205
May-13	205
Jun-13	205
Jul-13	205
Aug 13	205
Sep 13	207
Oct 13	207
Nov 13	205
Dec 13	205
Jan 14	205
Feb 14	205
Mar 14	205
Apr 14	205
May 14	205
Jun 14	205
Jul 14	205
Aug 14	205
Sep 14	205
Sep 14	205
Oct 14	205
Nov 14	207
Dec 14	207
Jan 15	207

Feb 15	207
Mar 15	206
Apr 15	206
May 15	206
Jun 15	206
Jul 15	206
Aug 15	206

Annexure AIV

Liquefaction Capacity installed as on 1st January 2016

Reference Number	Country	Project Name	Start Year	Nameplate Capacity	Owners*	Liquefaction Technology
1	US	Kenai LNG**	1969	1.5	ConocoPhillips	ConocoPhillips Optimized Cascade®
2	Libya	Marsa El Brega***	1970	3.2	LNOC	APC C3MR
3	Brunei	Brunei LNG T1-5	1972	7.2	Government of Brunei, Shell, Mitsubishi	APC C3MR
4	United Arab Emirates	ADGAS LNG T1-2	1977	2.6	ADNOC, Mitsui, BP, TOTAL	APC C3MR
5	Algeria	Arzew- GL1Z(T1-6)	1978	7.9	Sonatrach	APC C3MR
5	Algeria	Arzew- GL2Z(T1-6)	1981	8.2	Sonatrach	APC C3MR
6	Indonesia	Bontang LNG T3-4	1983	5.4	Pertamina	APC C3MR
7	Malaysia	MLNG Satu(T1-3)	1983	8.1	PETRONAS, Mitsubishi, Sarawak State Government	APC C3MR
8	Australia	North West Shelf T1	1989	2.5	BHP Billiton, BP, Chevron, Shell, Woodside, Mitsubishi, Mitsui	APC C3MR
8	Australia	North West Shelf T2	1989	2.5	BHP Billiton, BP, Chevron, Shell,	APC C3MR

6	Indonesia	Bontang LNG T5	1989			2.9	Woodside, Mitsubishi, Mitsui	APC C3MR
8	Australia	North West Shelf T3	1992			2.5	BHP Billiton, BP, Chevron, Shell, Woodside, Mitsubishi, Mitsui	APC C3MR
6	Indonesia	Bontang LNG T6	1994			2.9	Pertamina	APC C3MR
4	United Arab Emirates	ADGAS LNG T3	1994			3.2	ADNOC, Mitsui, BP, TOTAL	APC C3MR
7	Malaysia	MLNG Dua (T1-3)	1995			7.8	PETRONAS, Shell, Mitsubishi, Sarawak State Government	APC C3MR
9	Qatar	Qatargas I (T1)	1997			3.2	Qatar Petroleum, ExxonMobil, TOTAL, Mitsui, Marubeni, Mitsui	APC C3MR
9	Qatar	Qatargas I (T2)	1997			3.2	Qatar Petroleum, ExxonMobil, TOTAL, Mitsui, Marubeni, Mitsui	APC C3MR
6	Indonesia	Bontang LNG T7	1998			2.7	Pertamina	APC C3MR
9	Qatar	Qatargas I(T3)	1998			3.1	Qatar Petroleum, ExxonMobil, TOTAL, Mitsui, Marubeni, Mitsui	APC C3MR
6	Indonesia	Bontang LNG T8	1999			3	Pertamina	APC C3MR

10	Nigeria	NLNG T1	1999	3.3	NNPC, Shell, TOTAL, Eni	APC C3MR
9	Qatar	RasGas I (T1)	1999	3.3	Qatar Petroleum, ExxonMobil, KOGAS, Itochu, LNG Japan	APC C3MR
11	Trinidad	ALNG T1	1999	3.3	BP, BG, Shell, CIC ,NGC Trinidad	ConocoPhillips Optimized Cascade®
10	Nigeria	NLNG T2	2000	3.3	nnp, Shell, TOTAL, Eni	APC C3MR
12	Oman	Oman LNG T1	2000	3.55	Omani Govt., Shell, TOTAL, Korea LNG, Partex, Mitsubishi, Mitsui, Itochu	APC C3MR
12	Oman	Oman LNG T2	2000	3.55	Omani Govt., Shell, TOTAL, Korea LNG, Partex, Mitsubishi, Mitsui, Itochu	APC C3MR
9	Qatar	RasGas I (T2)	2000	3.3	Qatar Petroleum, ExxonMobil, KOGAS, Itochu, LNG Japan	APC C3MR
10	Nigeria	NLNG T3	2002	3	nnp, Shell, TOTAL, Eni	APC C3MR
11	Trinidad	ALNG T2	2002	3.4	BP, BG, Shell	ConocoPhillips Optimized Cascade®

7	Malaysia	MLNG Tiga (T1-2)	2003	6.8	PETRONAS, Shell, Nippon, Sarawak State Government, Mitsubishi	APC C3MR
11	Trinidad	ALNG T3	2003	3.4	BP, BG, Shell	ConocoPhillips Optimized Cascade®
8	Australia	North West Shelf T4	2004	4.4	BHP Billiton, BP, Chevron, Shell, Woodside, Mitsubishi, Mitsui	APC C3MR
9	Qatar	RasGas II (T1)	2004	4.7	Qatar Petroleum, ExxonMobil	APC C3MR/ Split MR™
13	Egypt	ELNG T1***	2005	3.6	BG, PETRONAS, EGAS, EGPC, ENGIE	ConocoPhillips Optimized Cascade®
13	Egypt	ELNG T2***	2005	3.6	BG, PETRONAS, EGAS, EGPC,	ConocoPhillips Optimized Cascade®
13	Egypt	Damietta LNG T1***	2005	5	Gas Natural Fenosa, Eni, EGPC, EGAS	APC C3MR/Split MR™
9	Qatar	RasGas II (T2)	2005	4.7	Qatar Petroleum, ExxonMobil	APC C3MR/ Split MR™
14	Australia	Darwin LNG T1	2006	3.6	ConocoPhillips, Santos, INPEX, Eni, TEPCO, Tokyo Gas	ConocoPhillips Optimized Cascade®
10	Nigeria	NLNG T4	2006	4.1	NNPC, Shell, TOTAL, Eni	APC C3MR

10	Nigeria	NLNG T5	2006	4.1	nnpc, Shell, TOTAL, Eni	APC C3MR
12	Oman	Qalhat LNG	2006	3.7	Omani Govt., Oman LNG, Union Fenosa Gas, Itochu, Mitsubishi, Osaka Gas	APC C3MR
11	Trinidad	ALNG T4	2006	5.2	BP, BG, Shell, NGC Trinidad	ConocoPhillips Optimized Cascade®
15	Equatorial Guinea	EG LNG T1	2007	3.7	Marathon, Sonagas, Mitsui, Marubeni	ConocoPhillips Optimized Cascade®
16	Norway	SnØhvit LNG T1	2007	4.2	Statoil, Petoro, TOTAL, ENGIE, RWE	Linde MFC
9	Qatar	RasGas II T3	2007	4.7	Qatar Petroleum, ExxonMobil	APC C3MR/Split MR™
8	Australia	North West Shelf T5	2008	4.4	BHP Billiton, BP, Chevron, Shell, Woodside, Mitsubishi, Mitsui	APC C3MR
10	Nigeria	NLNG T6	2008	4.1	nnpc, Shell, TOTAL, Eni	APC C3MR
17	Indonesia	Tangguh LNG T1	2009	3.8	BP, CNOOC, Mitsubishi, INPEX, JOGMEC, JX Nippon Oil & Energy, LNG Japan, Talisman	APC C3MR/Split MR™

17	Indonesia	Tanggung LNG T2	2009	3.8	Energy, Kanematsu, Mitsui BP, CNOOC, Mitsubishi, INPEX, JOGMEC, JX Nippon Oil & Energy, LNG Japan, Talisman Energy, Kanematsu, Mitsui	APC C3MR/Split MR™
9	Qatar	Qatargas II (T1)	2009	7.8	Qatar Petroleum, ExxonMobil	APC AP-X
9	Qatar	Qatargas II (T2)	2009	7.8	Qatar Petroleum, ExxonMobil, TOTAL	APC AP-X
9	Qatar	RasGas III (T1)	2009	7.8	Qatar Petroleum, ExxonMobil	APC AP-X
18	Russia	Sakhalin 2 (T1)	2009	4.8	Gazprom, Shell, Mitsui, Mitsubishi	Shell DMR
18	Russia	Sakhalin 2 (T2)	2009	4.8	Gazprom, Shell, Mitsui, Mitsubishi	Shell DMR
19	Yemen	Yemen LNG T1	2009	3.6	TOTAL, Hunt Oil, Yemen Gas Co., SK Corp. KOGAS, GASSP, Hyundai	APC C3MR/Split MR™
7	Malaysia	MLNG Dua Debottleneck	2010	1.2	PETRONAS, Shell, Mitsubishi, Sarawak State Government	APC C3MR
20	Peru	Peru LNG	2010	4.45	Hunt Oil, Shell, SK Corp, Marubeni	APC C3MR/Split MR™

9	Qatar	Qatargas III	2010	7.8	Qatar Petroleum, ConocoPhillips, Mitsui	APC AP-X
9	Qatar	RasGas III (T2)	2010	7.8	Qatar Petroleum, ExxonMobil	APC AP-X
19	Yemen	Yemen LNG T2	2010	3.6	TOTAL, Hunt Oil, Yemen Gas Co., SK Corp. KOGAS, GASSP, Hyundai	APC C3MR/Split MR™
9	Qatar	Qatargas IV	2011	7.8	Qatar Petroleum, Shell	APC AP-X
21	Australia	Pluto LNG T1	2012	4.3	Woodside, Kansai Electric, Tokyo Gas	Shell Propane Pre-cooled mixed refrigerant design
5	Algeria	Skikda- GL1K Rebuild	2013	4.5	Sonatrach	APC C3MR
22	Angola	Angola LNG T1	2013	5.2	Chevron, Sonangol, BP, Eni TOTAL	ConocoPhillips Optimized Cascade®
23	Papua New Guinea	PNG LNG T1	2014	3.45	ExxonMobil, Oil Search, Govt. of PNG, Santos, Nippon Oil, PNG Landowners(MRDC) Marubeni, Petromin PNG	APC C3MR
23	Papua New Guinea	PNG LNG T2	2014	3.45	ExxonMobil, Oil Search, Govt. of PNG, Santos, JX Nippon Oil	APC C3MR

Annexure AV

Global Liquefaction Plants under Construction as on 1st January 2016

Country	Project Name	Start Year	Nameplate Capacity	Owners*	Liquefaction Technology
Australia	APLNG T1	2016	4.5	ConocoPhillips, Origin Energy, Sinopec	ConocoPhillips Optimized Cascade®
Australia	ALPNG T2	2016	4.5	ConocoPhillips, Origin Energy, Sinopec	ConocoPhillips Optimized Cascade®
Australia	GLNG T1	2016	3.9	Santos, PETRONAS, TOTAL, KOGAS	ConocoPhillips Optimized Cascade®
Australia	Gogron LNG T1-2	2016	10.4	Chevron, Exxon Mobil, Shell, Osaka Gas, Tokyo Gas, Chubu Electric	APC C3MR/Split MR™
Malaysia	MLNG 9	2016	3.6	PETRONAS	APC Split MR™
Malaysia	PFLNG 1	2016	1.2	PETRONAS	APC AP-N™
Australia	GLNG T2	2016	3.9	Santos, PETRONAS, TOTAL, KOGAS	ConocoPhillips Optimized Cascade®
US	Sabine Pass T1-2	2016	9	Cheniere	ConocoPhillips Optimized Cascade®
Australia	Wheatstone LNG T1	2016	4.45	Pan Pacific Energy, KUFPEC, Shell, Kyushu Electric	ConocoPhillips Optimized Cascade®

Indonesia	Senkang LNG T1	2016	0.5	EWC	Siemens
Australia	Gorgon LNG T3	2017	5.2	Chevron, ExxonMobil, Shell, Osaka Gas, Tokyo Gas, Chubu Electric	APC C3MR/Split MR™
Australia	Ichthys LNG T1	2017	4.45	INPEX, TOTAL, Tokyo Gas, CPC, Osaka Gas, Chubu Electric, Toho Gas	APC Split MR™
Australia	Prelude FLNG	2017	3.6	Shell, INPEX, KOGA, CPC	Shell Floating LNG
Australia	Wheatstone LNG T2	2017	4.45	Chevron, Apache, Pan Pacific Energy, KUFPEC, Shell, Kyushu Electric	ConocoPhillips Optimized Cascade®
Russia	Yamal LNG T1	2017	5.5	Novatek, TOTAL, CNPC	APC C3MR™
US	Cove Point LNG	2017	5.25	Dominion	APC C3MR/Split MR™
US	Sabine Pass T3-4	2017	9	Cheniere	ConocoPhillips Optimized Cascade®
Cameroon	Cameroon FLNG	2017	2.4	Golar, Keppel	GoFLNG
Australia	Ichthys LNG T2	2018	4.45	INPEX, TOTAL, Tokyo Gas, CPC, Osaka	APC Split MR™

				Gas, Chubu Electric, Toho Gas	
Malaysia	PFLNG 2	2018	1.5	PETRONAS, MISC, Murphy Oil	APC AP-N™
Russia	Yamal LNG T2	2018	5.5	Novatek, TOTAL, CNPC	APC C3MR™
US	Cameron LNG T1-3	2018	12	Sempra, Mitsubishi/NK JV, Mitsui, ENGIE	APC C3MR™
US	Freeport LNG T1	2018	4.4	Freeport LNG, Osaka Gas, Chubu Electric	APC C3MR/Split MR™
Russia	Yamal LNG T3	2019	5.5	Novatek, TOTAL, CNPC	APC C3MR™
US	Freeport LNG T2	2019	4.4	Freeport LNG, IFM Investors	APC C3MR/Split MR™
US	Sabine Pass T5	2019	4.5	Cheniere	ConocoPhillips Optimized Cascade®
US	Freeport LNG T3	2019	4.4	Freeport LNG	APC C3MR/Split MR™
US	Corpus Christi LNG T1-2	2019	9	Cheniere	ConocoPhillips Optimized Cascade®

Annexure AVI

List of Regasification Terminals as on 1st January 2016

Reference Number	Country	Terminal Name	Start Year	Nameplate Receiving Capacity (MTPA)	Owners	Concept
1	Spain	Barcelona	1969	12.8	ENAGAS 100%	Onshore
2	Japan	Negishi	1969	12	TEPCO 50%; Tokyo Gas 50%	Onshore
3	US	Everett	1971	5.4	GDF SUEZ 100%	Onshore
4	Italy	Panigaglia (La Spezia)	1971	2.5	Eni 100%	Onshore
5	France	Fos Tonkin	1972	4	GDF SUEZ 100%	Onshore
6	Japan	Senboku	1972	15.3	Osaka Gas 100%	Onshore
7	Japan	Sodegaura	1973	29.4	TEPCO 50%; Tokyo Gas 50%	Onshore
8	Japan	Chita LNG Joint/Chita Kyodo	1977	8	Chubu Electric 50%; Toho Gas 50%	Onshore
9	Japan	Tobata	1977	6.8	Kitakyushu LNG 100%	Onshore
10	US	Cove Point	1978	11	Dominion 100%	Onshore
11	US	Elba Island	1978	12.4	KM LNG Operating Partnership 100%	Onshore

12	Japan	Himeji	1979	13.3	Osaka Gas 100%	Onshore
13	France	Montoir-de-Bretagne	1980	7.3	GDF SUEZ 100%	Onshore
14	US	Lake Charles	1982	17.3	Southern Union 75%; AIG Highstar (Private Equity) 25%	Onshore
15	Japan	Chita LNG Joint/Chita Kyodo	1983	12	Chubu Electric 50%; Toho Gas 50%	Onshore
16	Japan	Higashi-Ogishima	1984	14.7	TEPCO 100%	Onshore
17	Japan	Nihonkai (Niigata)	1984	8.9	Nihonkai LNG 58.1%; Tohoku Electric 41.9%	Onshore
18	Japan	Futtsu	1985	16	TEPCO 100%	Onshore
19	Korea	Pyeong-Taek	1986	34.5	KOGAS 100%	Onshore
20	Japan	Yokkaichi LNG Works	1987	7.1	Chubu Electric 100%	Onshore
21	Belgium	Zeebrugge	1987	6.6	Publigas 89.97%; Fluxys 10.03%	Onshore
22	Spain	Huelva	1988	8.9	ENAGAS 100%	Onshore
23	Spain	Cartagena	1989	7.6	ENAGAS 100%	Onshore
24	Japan	Oita	1990	5.1	Kyushu Electric 100%	Onshore
25	Japan	Yanai	1990	2.4	Chugoku Electric 100%	Onshore
26	Taiwan	Yong an (kaohsiung)	1990	10	CPC 100%	Onshore
27	Turkey	Marmara Ereglisi	1994	5.9	Botas 100%	Onshore
28	Korea	Incheon	1996	38	KOGAS 100%	Onshore

29	Japan	Sodeshi/Shimizu LNG	1996	1.6	Shizuoka Gas 65%; Tonen General 35%	Onshore
30	Japan	Kawagoe	1997	7.7	Chubu Electric 100%	Onshore
31	Japan	Ohgishima	1998	6.7	Tokyo Gas 100%	Onshore
32	Puerto Rico	Penuelas (EcoElectrica)	2000	1.2	Gas Natural Fenosa 47.5%; International Power 25%; Mitsui 25%; GE Capital 2.5%	Onshore
33	Greece	Revithoussa	2000	3.3	DEPA 100%	Onshore
34	Japan	Chita Midorihama Works	2001	8.3	Toho Gas 100%	Onshore
35	Korea	Tong-Yeong	2002	17	KOGAS 100%	Onshore
36	Dominion Republic	AES Andres	2003	1.9	AES 100%	Onshore
37	Spain	Bilbao (BBG)	2003	5.3	ENAGAS 40%; EVE 30%; RREEF Infrastructure 30%	Onshore
38	India	Dahej LNG 2004	2004	10	Petronet LNG 100%	Onshore
39	Portugal	Sines LNG	2004	5.8	REN 100%	Onshore
40	UK	Grain LNG	2005	15	National Grid Transco 100%	Onshore
41	Korea	Gwangyang	2005	1.8	Posco 100%	Onshore
42	India	Hazira LNG	2005	5	Shell 74%; TOTAL 26%	Onshore
44	Turkey	Aliaga LNG	2006	4.4	Egegaz 100%	Onshore

45	Mexico	Altamira LNG	2006	5.4	Vopak 60%; ENAGAS 40%	Onshore
46	China	Guangdong Dapeng LNG	2006	6.7	Local Companies 37%; CNOOC 33%; BP 30%	Onshore
47	Japan	Mizushima LNG	2006	1.7	Chugoku Electric 50%; JX Nippon Oil and Energy 50%	Onshore
48	Spain	Saggas (Sagunto)	2006	6.7	RREEF Infrastructure 30%; Eni 21.25%; Gas Natural Fenosa 21.25%; Osaka Gas 20%; Oman Oil 7.5%	Onshore
49	Spain	Mugardos LNG (EL Ferrol)	2007	2.6	Grupo Tojeiro 36.5%; Gas Natural Fenosa 21%; Comunidad Autonoma de Galicia 17.5%	Onshore
50	UK	Teesside GasPort	2007	3	Excelerate Energy 100%	Floating
51	Mexico	Costa Azul	2008	7.5	Sempra 100%	Onshore
52	US	Freeport LNG	2008	11.3	Michael S Smith Cos 45%; ZHA FLNG Purchaser 30%; Dow Chemical 15%; Osaka Gas 10%	Onshore
53	China	Fujian (Putian)	2008	5	CNOOC 60%; Fujian Investment and Development Co 40%	Onshore

54	US	Northeast Gateway	2008	3	Excelerate Energy 100%	Floating
55	US	Sabine Pass	2008	30.2	Cheniere Energy 100%	Onshore
56	Argentina	Bahia Blanca GasPort	2008	3.8	YPF 100%	Floating
57	Italy	Adriatic LNG/Roviogo	2009	5.8	ExxonMobil 46.35%; Qatar Petroleum 46.35%; Edison 7.3%	Offshore
58	US	Cameron LNG	2009	11.3	Sempra 50.2%; GDF SUEZ 16.6%; Mitsubishi 16.6%; Mitsui 16.5%	Onshore
59	Canada	Canaport	2009	7.5	Repsol 75%; Irving Oil 25%	Onshore
60	UK	Dragon LNG	2009	4.4	BG Group 50%; PETRONAS 30%; 4Gas 20%	Onshore
61	Kuwait	Mina Al-Ahmadi	2009	5.8	Kuwait Petroleum Corporation 100%	Floating
62	Brazil	Pecem	2009	1.9	Petrobras 100%	Floating
63	Chile	Quintero LNG	2009	2.7	ENAGAS 2.4%; ENAP 20%; ENDESA 20%; Metrogas 20%; Oman Oil 19.5%	Onshore
64	China	Shanghai (Yangshan)	2009	3	Shenergy Group 55%; CNOOC 45%	Onshore

65	UK	South Hook	2009	15.6		Qatar Petroleum 67.5%; ExxonMobil 24.15%; TOTAL 8.35%	Onshore
66	Taiwan	Taichung LNG	2009	3		CPC 100%	Onshore
67	UAE	Dubai	2010	3		Dubai Supply Authority (Dusup) 100%	Floating
68	France	Fos Max LNG (Fos Cavaou)	2010	6		GDF SUEZ 71.97%; TOTAL 28.03%	Onshore
69	Chile	Mejillones LNG	2010	1.5		GDF SUEZ 63%; Codelco 37%	Onshore
70	China	Dalian	2011	3		CNPC 75%; Dalian Port 20%; Dalian Construction Investment Corp 5%	Onshore
71	Netherlands	GATE LNG	2011	8.8		Gasunie 40%; Vopak 40%; Dong 5%; EconGas OMV 5%; EON 5%; RWE 5%	Onshore
72	US	Golden Pass	2011	15.6		Qatar Petroleum 70%; ExxonMobil 17.6%; ConocoPhillips 12.4%	Onshore
73	US	Gulf LNG (formerly Clean Energy Terminal)	2011	11.3		KM LNG Operating Partnership 50%; GE Energy Financial Services 30%; Sonangol 20%	Onshore

74	Argentina	Puerto Escobar	2011	3.8		Enarsa 100%	Floating
75	Thailand	Map Ta Phut LNG	2011	5		PTT 100%	Onshore
76	China	Rudong Jiangsu LNG	2011	3.5		PetroChina 55%; Pacific Oil & Gas 35%; Jiangsu Guoxin 10%	Onshore
77	Brazil	Guanabara LNG/ Rio de Janeiro	2012	6		Petrobras 100%	Floating
78	Indonesia	Nusantara	2012	3.8		Pertamina 60%; PNG 40%	Floating
79	Japan	Ishikari LNG	2012	1.4		Hokkaido Gas 100%	Onshore
80	Japan	Joetsu	2012	2.3		Chubu Electric 100%	Onshore
81	Mexico	Manzanillo	2012	3.8		Mitsui 37.5%; Samsung 37.5%; KOGAS 25%	Onshore
82	China	Dongguan	2012	1		Jovo Group 100%	Onshore
83	Israel	Hadera Gateway	2013	3		Israel Natural Gas Lines 100%	Floating
84	India	Dabhol	2013	2		GAIL 31.52%; NTPC 31.52%; Indian Financial Institutions 20.28%	Onshore
85	Spain	El Musel	2013	5.4		ENAGAS 100%	Onshore
86	Singapore	Singapore LNG	2013	6		Singapore Energy Market Authority 100%	Onshore
87	Malaysia	Lekas LNG (Malacca)	2013	3.8		PETRONAS 100%	Onshore

88	China	Ningbo, Zhejiang	2013	3	CNOOC 51%; Zhejiang Energy Group Co Ltd 29%; Ningbo Power Development Co Ltd 20%	Onshore
89	China	Zhuhai (CNOOC)	2013	3.5	CNOOC 30%; Guangdong Gas 25%; Guangdong Yuedian 25%; Local Companies 20%	Onshore
90	Italy	Livorno/LNG Toscana	2013	2.7	EON 46.79%; IREN 46.79%; OLT Energy 3.73%; Golar 2.69%	Floating
91	China	Tangshan Caofeidian LNG	2013	3.5	PetroChina 100%	Onshore
92	China	Tianjin	2013	2.2	CNOOC 100%	Floating
93	Japan	Naoetsu (Joetsu)	2013	2	INPEX 100%	Onshore
94	India	Kochi LNG	2013	5	Petronet LNG 100%	Onshore
95	Brazil	Bahia/TRBA	2014	3.8	Petrobras 100%	Floating
96	Indonesia	Lampung LNG	2014	1.8	PGN 100%	Floating
97	Korea	Samcheok	2014	6.8	KOGAS 100%	Onshore
98	China	Hainan LNG	2014	2	CNOOC 65%; Hainan Development Holding Co 35%	Onshore

99	Japan	Hibiki LNG	2014	3.5	Saibu Gas 90%; Kyushu Electric 10%	Onshore
100	China	Shandong LNG	2014	3	Sinopec 99%; Qingdao Port Group 1%	Onshore
101	Lithuania	Klaipedia LNG	2014	3	Klaipedos Nafta 100%	Floating
106	Jordan	Aqab LNG	2005	3.8	Jordan Ministry of Energy and Mineral Resources (MEMER) 100%	Floating

Annexure AVII

List of Regasification Terminals Under Construction as on 1st January 2016

Reference Number	Country	Terminal or Phase Name	Start Year	Nameplate Receiving Capacity MTPA	Owners	Concept
109	China	Rudong Jiangsu LNG Phase 2	2016	3	CNPC 55%; Pacific Oil and Gas 35%; Jiangsu Guoxin 10%	Onshore
110	China	Yuedong LNG (Jieyang)	2016	3	Shenergy Group 55%; CNOOC 45%	Onshore
111	China	Beihai, Guangxi LNG	2016	3	Sinopec 100%	Onshore
112	Philippines	Pagbilao LNG Hub	2016	3	Energy World Corporation	Onshore
113	France	Dunkirk LNG	2016	10	EDF 65%; Fluxys 25%; TOTAL 10%	Onshore
114	Poland	Swinoujscie	2016	3.6	GAZ-SYSTEM SA 100%	Onshore

115	China	Dalian Phase 2	2016	3	CNPC75%; Dalian Port 20%; Dalian Construction Investment Corp 5%	Onshore
116	China	Tianjin (onshore)	2016	3.5	CNOOC 100%	Onshore
117	China	Yantai, Shandong Phase 1	2016	1.5	CNOOC 100%	Onshore
118	Greece	Revithoussa (Expansion Phase 2)	2016	1.9	DEPA 100%	Onshore
119	India	Dahej LNG (Phase 3-A1)	2016	5	Petronet LNG 100%	Onshore
120	China	Tianjin (Sinopec Phase 1)	2016	2.9	Sinopec 100%	Onshore
121	Thailand	Map Ta Phut Phase 2	2017	5	PTT 100%	Onshore
122	India	Mundra	2017	5	Adani Group 50%; GSPC 50%	Onshore
123	Korea	Boryeong	2017	3	GS Energy 50%; SK Energy 50%	Onshore

124	China	Shenzhen (Diefu)	2017	4	CNOOC 70%; Shenzhen Energy Group 30%	Onshore
125	China	Fujian (Zhangzhou)	2018	3	CNOOC 60%; Fujian Investment and Development Co 40%	Onshore
126	Japan	Soma LNG	2018	1.8	Japex 100%	Onshore
127	China	Zhoushan	2018	3	ENN Energy 100%	Onshore
128	India	Ennore LNG	2019	5	Indian Oil Corporation 95%; Tamil Nadu Industrial Development Corporation 5%	Onshore

Annexure AVIII

List of LNG Fleet as on 1st January 2016

S No.	Ship name	Shipowner	Type	Delivery year	Capacity(cm)	Propulsion Type
1	AAMIRA	Nakilat	Q-Max	2010	2,60,912	SSD
2	ABADI	Brunei Gas Carriers	Conventional	2002	1,35,269	Steam
3	ADAM LNG	Oman Shipping Co (OSC)	Conventional	2014	1,62,000	TFDE
4	AL AAMRIYA	NYK, K Line, MOL, Iino, Mitsui, Nakilat	Q-Flex	2008	2,06,958	SSD
5	AL AREESH	Nakilat, Teekay	Conventional	2007	1,48,786	Steam
6	AL BAHYA	Nakilat	Q-Flex	2010	2,05,981	SSD
7	AL BIDA	J4 Consortium	Conventional	1999	1,35,466	Steam
8	AL DAAYEN	Nakilat, Teekay	Conventional	2007	1,48,853	Steam
9	AL DAFNA	Nakilat	Q-Max	2009	2,61,988	SSD

10	AL DEEBEL	MOL, NYK, K Line	Conventional	2005	1,42,795	Steam
11	AL GATTARA	Nakilat, OSC	Q-Flex	2007	2,16,200	SSD
12	AL GHARIYA	Commerz Real, Nkilat, PRONAV	Q-Flex	2008	2,05,941	SSD
13	AL GHARRAFA	Nakilat, OSC	Q-Flex	2008	2,16,200	SSD
14	AL GHASHAMI YA	Nakilat	Q-Flex	2009	2,11,885	SSD
15	AL GHUWAI RI YA	Nakilat	Q-Max	2008	2,57,984	SSD
16	AL HAML A	Nakilat, OSC	Q-Flex	2008	2,11,862	SSD
17	AL HAMRA	National Gas Shipping Co	Conventional	1997	1,37,000	Steam
18	AL HUWAIL A	Nakilat, Teekay	Q-Flex	2008	2,14,176	SSD
19	AL JASRA	J4 Consortium	Conventional	2000	1,35,855	Steam
20	AL JASSASIYA	Maran G.M, Nakilat	Conventional	2007	1,42,988	Steam

21	AL KARAANA	Nakilat	Q-Flex	2009	2,05,988	SSD
23	AL KHARAITI YAT	Nakilat	Q-Flex	2009	2,11,986	SSD
24	AL KHARSAA H	Nakilat, Teekay	Q-Flex	2008	2,11,855	SSD
25	AL KHATTIYA	Nakilat	Q-Flex	2009	2,05,993	SSD
26	AL KHZNAH	National Gas Shipping Co	Conventional	1994	1,37,540	Steam
27	AL KHOR	J4 Consortium	Conventional	1996	1,35,295	Steam
28	AL KHUWAIR	Nakilat, Teekay	Q-Flex	2008	2,11,885	SSD
29	AL MAFYAR	Nakilat	Q-Max	2009	2,61,043	SSD
30	AL MARROUN A	Nakilat, Teekay	Conventional	2006	1,49,539	Steam
31	AL MAYEDA	Nakilat	Q-Max	2009	2,61,157	SSD
32	AL NUAMAN	Nakilat	Q-Flex	2009	2,05,981	SSD

33	AL ORAIQ	NYK, K Line, MOL, Iino, Mitsui, Nakilat	Q-Flex	2008	2,05,994	SSD
34	AL RAYYAN	J4 Consortium	Conventional	1997	1,34,671	Steam
35	AL REKAYYAT	Nakilat	Q-Flex	2009	2,11,986	SSD
36	AL RUWAIS	Commerz Real, Nkilat, PRONAV	Q-Flex	2007	2,05,941	SSD
37	AL SADD	Nakilat	Q-Flex	2009	2,05,963	SSD
38	AL SAFLIYA	Commerz Real, Nkilat, PRONAV	Q-Flex	2007	2,10,100	SSD
39	AL SAHLA	NYK, K Line, MOL, Iino, Mitsui, Nakilat	Q-Flex	2008	2,11,842	SSD
40	AL SAMRIYA	Nakilat	Q-Max	2009	2,58,054	SSD
41	AL SHAMAL	Nakilat, Teekay	Q-Flex	2008	2,13,536	SSD

42	AL SHEEHANI YA	Nakilat	Q-Flex	2009	2,05,963	SSD
43	AL THAKHIRA	K Line, Qatar Shpg.	Conventional	2005	1,43,517	Steam
44	AL THUMAMA	NYK, K Line, MOL, Iino, Mitsui, Nakilat	Q-Flex	2008	2,16,235	SSD
45	AL UTOURIYA	NYK, K Line, MOL, Iino, Mitsui, Nakilat	Q-Flex	2008	2,11,879	SSD
46	AL WAJBAH	J4 Consortium	Conventional	1997	1,34,562	Steam
47	AL WAKRAH	J4 Consortium	Conventional	1998	1,34,624	Steam
48	AL ZUBARAH	J4 Consortium	Conventional	1996	1,35,510	Steam
49	ALTO ACRUX	TEPCO, NYK, Mitsubishi	Conventional	2008	1,47,798	Steam
50	AMADI	Brunei Gas Carriers	Conventional	2015	1,55,000	Steam Reheat

51	AMALI	Brunei Gas Carriers	Conventional	2011	1,47,228	TFDE
52	AMANI	Brunei Gas Carriers	Conventional	2014	1,55,000	TFDE
53	AMUR RIVER	Dynagas	Conventional	2008	1,46,748	Steam
54	ARCTIC AURORA	Dynagas	Conventional	2013	1,54,880	TFDE
55	ARCTIC DISCOVERER	K Line, Statoil, Mitsui, Ino	Conventional	2006	1,39,759	Steam
56	ARCTIC LADY	Hoegh	Conventional	2006	1,47,835	Steam
57	ARCTIC PRINCESS	Hoegh, MOL, Statoil	Conventional	2006	1,47,835	Steam
58	ARCTIC SPIRIT	Teekay	Conventional	1993	87,305	Steam
59	ARCTIC VOYAGER	K Line, Statoil, Mitsui, Ino	Conventional	2006	1,40,071	Steam
60	ARKAT	Brunei Gas Carriers	Conventional	2011	1,47,228	TFDE
61	ARWA SPIRIT	Teekay, Marubeni	Conventional	2008	163285	DFDE

62	ASEEM	MOL, NYK, K Line, SCI, Nakilat, Petronet	Conventional	2009	1,54,948	TFDE
63	ASIA ENDEAVO UR	Chevron	Conventional	2015	1,54,948	TFDE
64	ASIA ENERGY	Chevron	Conventional	2014	1,54,948	TFDE
65	ASIA EXCELLEN CE	Chevron	Conventional	2015	1,54,948	TFDE
66	ASIA VISION	Chevron	Conventional	2014	1,54,948	TFDE
67	ATLANTIC ENERGY	Sinokor Merchant Marine	Conventional	1984	1,32,558	Steam
68	BACHIR CHIHANI	Sonatrach	Conventional	1979	1,29,767	Steam
79	BARCELON A KNUTSEN	Knutsen OAS	Conventional	2009	1,73,400	TFDE
70	BEBATIK	Shell	Conventional	1972	75,056	Steam

71	BEIDOU STAR	MOL, China LNG	Conventional	2015	1,72,000	MEGI
72	BELANAK	Shell	Conventional	1975	75,000	Steam
73	BERGE ARZEW	BW	Conventional	2004	1,38,089	Steam
74	BILBAO KNUTSEN	Knutsen OAS	Conventional	2004	1,35,049	Steam
75	BRITISH DIAMOND	BP	Conventional	2008	1,51,883	DFDE
76	BRITISH EMERALD	BP	Conventional	2007	1,54,983	DFDE
77	BRITISH INNOVATO R	BP	Conventional	2003	1,36,135	Steam
78	BRITISH MERCHANT	BP	Conventional	2003	1,38,517	Steam
79	BRITISH RUBY	BP	Conventional	2008	1,55,000	DFDE
80	BRITISH SAPPHIRE	BP	Conventional	2008	1,55,000	DFDE
81	BRITISH TRADER	BP	Conventional	2002	1,38,248	Steam
82	BROOG	J4 Consortium	Conventional	1998	1,36,359	Steam

83	BU SAMRA	Nakilat	Q-Max	2008	2,60,928	SSD
84	BW GDF SUEZ BOSTON	BW, ENGIE	Conventional	2003	1,38,059	Steam
85	BW GDF SUEZ BRUSSELS	BW	Conventional	2009	1,62,514	TFDE
86	BW GDF SUEZ EVERETT	BW	Conventional	2003	1,38,028	Steam
87	BW GDF SUEZ PARIS	BW	Conventional	2009	1,62,524	TFDE
88	BW PAVILION LEEARA	BW	Conventional	2015	1,61,880	TFDE
89	BW PAVILION VANDA	BW Pavilion LNG	Conventional	2015	1,61,880	TFDE
90	BW SINGAPOR E	BW	FSRU	2015	1,70,000	TFDE
91	CADIZ KNUTSEN	Knutsen OAS	Conventional	2004	1,35,240	Steam

92	CASTILLO DE SANTISTEBAN	Anthony Vedar	Conventional	2010	1,73,673	TFDE
93	CASTILLO DE VILLALBA	Anthony Vedar	Conventional	2003	1,35,420	Steam
94	CATALUNYA SPIRIT	Teekay	Conventional	2003	1,35,423	Steam
95	CELESTINE RIVER	K Line	Conventional	2007	1,45,394	Steam
96	CHEIKH BOUAMAM A	Sonatrach, Itochu, MOL	Conventional	2008	74,245	Steam
97	CHEIKH EL MOKRANI	HYPROC, Sonatrach, Itochu, MOL	Conventional	2007	73,990	Steam
98	CLEAN ENERGY	Dynagas	Conventional	2007	1,46,794	Steam
99	CLEAN HORIZON	Avoca Maritime Corp Ltd	Conventional	2015	1,62,000	TFDE
100	CLEAN OCEAN	Dynagas	Conventional	2014	1,62,000	TFDE

101	CLEAN PLANET	Dynagas	Conventional	2014	1,62,000	TFDE
102	COOL EXPLORER	Thenamaris	Conventional	2015	1,60,000	TFDE
103	COOL RUNNER	Thenamaris	Conventional	2014	1,60,000	TFDE
104	COOL VOYAGER	Thenamaris	Conventional	2013	1,60,000	TFDE
105	CORCOVA DO LNG CUBAL	Cardiff Marine	Conventional	2014	1,59,800	TFDE
106	CYGNUS PASSAGE	TEPCO, NYK, Mitsubishi	Conventional	2009	1,45,400	Steam
107	DAPENG MOON	China LNG Ship Mgmt.	Conventional	2008	1,47,200	Steam
108	DAPENG STAR	China LNG Ship Mgmt.	Conventional	2009	1,47,200	Steam
109	DAPENG SUN	China LNG Ship Mgmt.	Conventional	2008	1,47,200	Steam
110	DISHA	MOL, NYK, K Line, SCI, Nakilat	Conventional	2004	1,36,026	Steam

111	DUHAIL	Commerz Real, Nkilat, PRONAV	Q-Flex	2008	2,10,100	SSD
112	DUKHAN	J4 Consortium	Conventional	2004	1,37,627	Steam
113	DWIPUTRA	P.T. Humpuss Trans	Conventional	1994	1,27,386	Steam
114	EAST ENERGY	Sinokor Merchant Marine	Conventional	1977	1,22,255	Steam
115	ECHIGO MARU	NYK	Conventional	1983	1,25,568	Steam
116	EJNAN	K Line, MOL, NYK, Mitsui, Nakilat	Conventional	2007	1,43,815	Steam
117	EKAPUTRA 1	P.T. Humpuss Trans	Conventional	1990	1,36,400	Steam
118	ENERGY ADVANCE	Tokyo Gas	Conventional	2005	1,44,590	Steam
119	ENERGY ATLANTIC	Alpha Tankers	Conventional	2015	1,57,521	TFDE

120	ENERGY CONFIDEN CE	Tokyo Gas, NYK	Conventional	2009	1,52,880	Steam
121	ENERGY FRONTIER	Tokyo Gas	Conventional	2003	1,44,596	Steam
122	ENERGY HORIZON	NYK, TLTC	Conventional	2011	1,77,441	Steam
123	ENERGY NAVIGATO R	Tokyo Gas, MOL	Conventional	2008	1,47,588	Steam
124	ENERGY PROGRESS	MOL	Conventional	2006	1,44,596	Steam
125	ESSHU MARU	Mitsubishi, MOL, Chubu Electric	Conventional	2014	1,55,300	Steam
126	EXCALIBU R	Excelerate, Teekay	Conventional	2002	1,38,000	Steam
127	EXCEL	Exmar, MOL	Conventional	2003	1,35,344	Steam
128	EXCELE RA TE	Exmar, Excelerate	FSRU	2006	1,35,313	Steam
129	EXCELLEN CE	Excelerate Energy	FSRU	2005	1,38,124	Steam
130	EXCELSIOR	Exmar	FSRU	2005	1,38,000	Steam
131	EXEMPLAR	Excelerate Energy	FSRU	2010	1,51,072	Steam

132	EXPEDIENT	Accelerate Energy	FSRU	2010	1,47,994	Steam
133	EXPERIENCE	Accelerate Energy	FSRU	2014	1,73,660	TFDE
134	EXPLORER	Exmar, Accelerate	FSRU	2008	1,50,900	Steam
135	EXPRESS	Exmar, Accelerate	FSRU	2009	1,50,900	Steam
136	EXQUISTE	Accelerate Energy	FRSU	2009	1,51,035	Steam
137	FORTUNE FSU	Compass Energy	Conventional	1981	1,30,000	Steam
138	FRAIHA	NYK, K Line, MOL, Iino, Mitsui, Nakilat	Q-Flex	2008	2,05,950	SSD
139	FSRU TOSCANA	OLT Offshore LNG Toscana	Converted FSRU	2004	1,37,500	Steam
140	FUJI LNG	Cardiff Marine	Conventional	2004	1,44,596	Steam
141	FUWAIRIT	K Line, MOL, NYK, Nakilat	Conventional	2004	1,38,262	Steam

142	GALEA	Shell	Conventional	2002	1,35,269	Steam
143	GALICIA SPIRIT	Teekay	Conventional	2004	1,37,814	Steam
144	GALLINA	Shell	Conventional	2002	1,35,269	Steam
145	GANDRIA	Golar LNG	Conventional	1977	1,23,512	Steam
146	GASELYS	GDF SUEZ, NYK	Conventional	2007	1,51,383	DFDE
147	GASLOG CHEALSEA	GasLog	Conventional	2010	1,53,000	DFDE
148	GASLOG SALEM	GasLog	Conventional	2015	1,55,000	TFDE
149	GASLOG SANTIAGO	GasLog	Conventional	2013	1,54,948	TFDE
150	GASLOG SARATOGA	GasLog	Conventional	2014	1,55,000	TFDE
151	GASLOG SAVANNA H	GasLog	Conventional	2010	1,54,948	TFDE
152	GASLOG SEATTLE	GasLog	Conventional	2013	1,54,948	TFDE
153	GASLOG SHANGHAI	GasLog	Conventional	2013	1,54,948	TFDE
154	GASLOG SINGAPOR E	GasLog	Conventional	2010	1,54,948	TFDE

155	GASLOG SKAGEN	GasLog	Conventional	2013	1,54,948	TFDE
156	GASLOG SYDNEY	GasLog	Conventional	2013	1,54,948	TFDE
157	GDF SUEZ CAPE ANN	Hoegh, MOL, TLTC	FSRU	2010	1,45,130	DFDE
158	GDF SUEZ GLOBAL ENERGY	GDF SUEZ	Conventional	2004	74,130	Steam
159	GDF SUEZ NEPTUNE	Hoegh, MOL, TLTC	FSRU	2009	1,45,130	Steam
160	GDF SUEZ POINT FORTIN	MOL, Sumitomo, LNG JAPAN	Conventional	2010	1,54,982	Steam
161	GEMMATA	Shell	Conventional	2004	1,35,269	Steam
162	GHASHA	National Gas Shipping Co	Conventional	1995	1,37,100	Steam
163	GIGIRA LAITEBO	MOL, Itochu	Conventional	2010	1,73,870	TFDE
164	GIMI	Golar LNG	Conventional	1976	1,22,388	Steam
165	GOLAR ARCTIC	Golar LNG	Conventional	2003	1,37,814	Steam
166	GOLAR BEAR	Golar LNG	Conventional	2014	1,60,000	TFDE

167	GOLAR CELSIUS	Golar LNG	Conventional	2013	1,60,000	TFDE
168	GOLAR CRYSTAL	Golar LNG	Conventional	2014	1,60,000	TFDE
169	GOLAR ESKIMO	Golar LNG	FSRU	2014	1,60,000	TFDE
170	GOLAR FREEZE	Golar LNG Partners	Converted FSRU	1976	1,26,000	Steam
171	GOLAR FROST	Golar LNG	Conventional	2014	1,60,000	TFDE
172	GOLAR GLACIER	ICBC	Conventional	2014	1,62,500	TFDE
173	GOLAR GRAND	Golar LNG Partners	Conventional	2005	1,45,700	Steam
174	GOLAR ICE	ICBC	Conventional	2015	1,60,000	TFDE
175	GOLAR IGLOO	Golar LNG Partners	FSRU	2014	1,70,000	TFDE
176	GOLAR KELVIN	ICBC	Conventional	2015	1,62,000	TFDE
177	GOLAR MARIA	Golar LNG Partners	Conventional	2006	1,45,700	Steam
178	GOLAR MAZO	Golar LNG Partners	Conventional	2000	1,35,000	Steam
179	GOLAR PENGUIN	Golar LNG	Conventional	2014	1,60,000	TFDE

180	GOLAR SEAL	Golar LNG	Conventional	2013	1,60,000	TFDE
181	GOLAR SNOW	ICBC	Conventional	2015	1,60,000	TFDE
182	GOLAR SPIRIT	Golar LNG Partners	Converted FSRU	1981	1,29,000	Steam
183	GOLAR TUNDRA	Golar LNG	FSRU	2015	1,70,000	TFDE
184	GOLAR VIKING	PT Equinox	Conventional	2005	1,40,000	Steam
185	GOLAR WINTER	Golar LNG Partners	Converted FSRU	2004	1,38,000	Steam
186	GRACE ACACIA	NYK	Conventional	2007	1,46,791	Steam
187	GRACE BARLERIA	NYK	Conventional	2007	1,46,770	Steam
188	GRACE COSMOS	MOL, NYK	Conventional	2008	1,46,794	Steam
189	GRACE DAHLIA	NYK	Conventional	2013	1,77,425	Steam
190	GRAND ANIVA	NYK, Sovcomflot	Conventional	2008	1,45,000	Steam
191	GRAND ELENA	NYK, Sovcomflot	Conventional	2007	1,57,968	Steam

192	GRAND MEREYA	MOL, K Line, Primorsk	Conventional	2008	1,45,964	Steam
193	HANJIN MUSCAT	Hanjin Shipping Co.	Conventional	1999	1,38,366	Steam
194	HANJIN PYEONG TAEK	Hanjin Shipping Co.	Conventional	1995	1,30,366	Steam
195	HANJIN RAS LAFFAN	Hanjin Shipping Co.	Conventional	2000	1,38,214	Steam
196	HANJIN SUR	Hanjin Shipping Co.	Conventional	2000	1,38,333	Steam
197	HISPANIA SPIRIT	Teekay	Conventional	2002	1,37,814	Steam
198	HOEGH GALLANT	Hoegh	FSRU	2014	1,70,000	TFDE
199	HYUNDAI AQUAPIA	Hyundai LNG Shipping	Conventional	2000	1,34,400	Steam
200	HYUNDAI COSMOPIA	Hyundai LNG Shipping	Conventional	2000	1,34,308	Steam

201	HYUNDAI ECOPIA	Hyundai LNG Shipping	Conventional	2008	1,46,790	Steam
202	HYUNDAI GREENPIA	Hyundai LNG Shipping	Conventional	1996	1,25,000	Steam
203	HYUNDAI OCEANPIA	Hyundai LNG Shipping	Conventional	2000	1,34,300	Steam
204	HYUNDAI TECHNOPI A	Hyundai LNG Shipping	Conventional	1999	1,34,524	Steam
205	HYUNDAI UTOPIA	Hyundai LNG Shipping	Conventional	1994	1,25,182	Steam
206	IBERICA KNUTSEN	Knutsen OAS	Conventional	2006	1,35,230	Steam
207	IBRA LNG	OSC, MOL	Conventional	2006	1,45,951	Steam
208	IBRI LNG	OSC, MOL, Mitsubishi	Conventional	2006	1,45,173	Steam
209	INDEPEND ENCE	Hoegh	FSRU	2014	1,70,132	TFDE
210	ISH	National Gas Shipping Co	Conventional	1995	1,37,512	Steam
211	K. ACACIA	Korea Line	Conventional	2000	1,38,017	Steam

212	K. FREESIA	Korea Line	Conventional	2000	1,38,015	steam
213	K. JASMINE	Korea Line	Conventional	2008	1,42,961	steam
214	K. MUGUNGW HA	Korea Line	Conventional	2008	1,48,776	Steam
215	KITA LNG	Cardiff Marine	Conventional	2014	1,59,800	TFDE
216	LALLA FATMA N'SOUMER	HYPROC	Conventional	2004	1,44,888	Steam
217	LARBI BEN M'HIDI	HYPROC	Conventional	1977	1,29,500	steam
218	LENA RIVER	Dynagas	Conventional	2013	1,54,880	TFDE
219	LJMJLYA	Nakilat	Q-Max	2009	2,58,019	SSD
220	LNG ADAMAWA	BGT Ltd.	Conventional	2005	1,42,656	Steam
221	LNG AKWA IBOM	BGT Ltd.	Conventional	2004	1,42,656	Steam
222	LNG AQUARIUS	Hanochem	Conventional	1977	1,26,750	Steam
223	LNG BARKA	OSC, OG, NYK, K Line	Conventional	2008	1,52,880	Steam
224	LNG BAYELSA	BGT Ltd.	Conventional	2003	1,37,500	Steam

225	LNG BENUE	BW	Conventional	2006	1,42,988	Steam
226	LNG BONNY II	Nigeria LNG Ltd.	Conventional	2015	1,77,000	DFDE
227	LNG BORNO	NYK	Conventional	2007	1,49,600	Steam
228	LNG CROSS RIVER	BGT Ltd.	Conventional	2005	1,42,656	Steam
229	LNG DREAM	NYK	Conventional	2006	1,47,326	Steam
230	LNG EBISU	MOL, KEPCO	Conventional	2008	1,47,546	Steam
231	LNG ENUGU	BW	Conventional	2005	1,42,988	Steam
232	LNG FINIMA II	Nigeria LNG Ltd.	Conventional	2015	1,70,000	DFDE
233	LNG FLORA	NYK, Osaka Gas	Conventional	1993	1,25,637	Steam
234	LNG IMO	BW	Conventional	2008	1,48,452	Steam
235	LNG JAMAL	NYK, Osaka Gas	Conventional	2000	1,36,977	Steam
236	LNG JUPITER	Osaka Gas, NYK	Conventional	2009	1,52,880	Steam
237	LNG JUROIIN	MOL, KEPCO	Conventional	2015	1,55,300	Steam Reheat

238	LNG KANO	BW	Conventional	2007	1,48,565	Steam
239	LNG KOLT	STX Pan Ocean	Conventional	2008	1,53,595	Steam
240	LNG LERICI	ENI	Conventional	1998	63,993	Steam
241	LNG LIBRA	Hoegh	Conventional	1979	1,26,000	Steam
242	LNG LOKOJA	BW	Conventional	2006	1,48,471	Steam
243	LNG MALEO	MOL, NYK, K Line	Conventional	1989	1,27,544	Steam
244	LNG OGUN	NYK	Conventional	2007	1,49,600	Steam
245	LNG ONDO	BW	Conventional	2007	1,48,478	Steam
246	LNG OYO	BW	Conventional	2005	1,42,988	Steam
247	LNG PIONEER	MOL	Conventional	2005	1,38,000	Steam
248	LNG PORT- HARCOURT II	Nigeria LNG Ltd.	Conventional	2015	1,70,000	MEGI
249	LNG PORTOVEN ERE	ENI	Conventional	1996	65,262	Steam
250	LNG RIVER NIGER	BGT Ltd.	Conventional	2006	1,42,656	Steam
251	LNG RIVER ORASHI	BW	Conventional	2004	1,42,988	Steam

252	LNG RIVERS	BGT Ltd.	Conventional	2002	1,37,500	Steam
253	LNG SOKOTO	BGT Ltd.	Conventional	2002	1,37,500	Steam
254	LNG VENUS	Osaka Gas, MOL	Conventional	2014	1,55,300	Steam
255	LOBITO	Mitsui, NYK, Teekay	Conventional	2011	1,54,948	TFDE
256	LUCKY FSU	Compass Energy	Conventional	1981	1,27,400	Steam
257	LUSAIL	K Line, MOL, NYK, Nakilat	Conventional	2005	1,42,808	Steam
258	MADRID SPIRIT	Teekay	Conventional	2004	1,35,423	Steam
259	MAGELLA N SPIRIT	Teekay, Marubeni	Conventional	2009	1,63,194	DFDE
260	MALANJE	Mitsui, NYK, Teekay	Conventional	2011	1,54,948	TFDE
261	MARAN GAS ACHILLES	Maran Gas Maritime	Conventional	2015	1,74,000	MEGI

262	MARAN GAS ALEXANDR IA	Maran Gas Maritime	Conventional	2015	1,64,000	TFDE
263	MARAN GAS APOLLONI A	Maran Gas Maritime	Conventional	2014	1,64,000	TFDE
264	MARAN GAS ASCLEPIUS	Maran Gas Maritime	Conventional	2005	1,42,906	Steam
265	MARAN GAS CORONIS	Maran Gas Maritime	Conventional	2007	1,42,889	Steam
266	MARAN GAS DELPHI	Maran Gas Maritime	Conventional	2014	1,59,800	TFDE
267	MARAN GAS EFESSOS	Maran Gas Maritime	Conventional	2014	1,59,800	TFDE
268	MARAN GAS LINDOS	Maran Gas Maritime	Conventional	2015	1,59,800	TFDE

269	MARAN GAS MYSTRAS	Maran Gas Maritime	Conventional	2015	1,59,800	TFDE
270	MARAN GAS POSIDONIA	Maran Gas Maritime	Conventional	2014	1,64,000	TFDE
271	MARAN GAS SPARTA	Maran Gas Maritime	Conventional	2015	1,62,000	TFDE
272	MARAN GAS TROY	Maran Gas Maritime	Conventional	2015	1,59,800	TFDE
273	MARIB SPIRIT	Teekay	Conventional	2008	1,63,280	DFDE
274	MATTHEW	GDF SUEZ	Conventional	1978	1,26,540	Steam
275	MEKAINES	Nakilat	Q-Max	2009	2,61,137	SSD
276	MERIDIAN SPIRIT	Teekay, Marubeni	Conventional	2010	1,63,285	TFDE
277	MESAIMEE R	Nakilat	Q-Max	2009	2,11,986	SSD
278	METHANE ALISON VICTORIA	BG Group	Conventional	2007	1,45,000	Steam
279	METHANE BECKI ANNE	GasLog	Conventional	2010	1,67,416	TFDE

280	METHANE HEATHER SALLY	BG Group	Conventional	2007	1,42,702	Steam
281	METHANE JANE ELIZABETH	Gaslog	Conventional	2006	1,45,000	Steam
282	METHANE JULIA LOUISE	Gaslog	Conventional	2010	1,67,416	TFDE
283	METHANE LYDON VOLNEY	BG Group	Conventional	2006	1,45,000	Steam
284	METHANE MICKIE HARPER	BG Group	Conventional	2010	1,67,400	TFDE
285	METHANE NILE EAGLE	BG GasLog	Conventional	2007	1,45,000	Steam
286	METHANE PATRICIA CAMILA	BG Group	Conventional	2010	1,67,416	TFDE
287	METHANE PRINCESS	Golar LNG Partners	Conventional	2003	1,36,086	Steam

288	METHANE RITA ANDREA	Gaslog	Conventional	2006	1,45,000	Steam
289	METHANE SHIRLEY ELISABETH	BG Group	Conventional	2007	1,42,800	Steam
290	METHANE SPIRIT	Teekay, Marubeni	Conventional	2008	1,63,195	TFDE
291	METHANIA	Distrigas	Conventional	1978	1,31,235	Steam
292	MILAHA QATAR	Nakilat, Qatar Shpg., SocGen	Conventional	2006	1,45,140	Steam
293	MILAHA RAS LAFFAN	Nakilat, Qatar Shpg., SocGen	Conventional	2004	1,36,199	Steam
294	MIN LU	China LNG Ship Mgmt.	Conventional	2009	1,45,000	Steam
295	MIN RONG	China LNG Ship Mgmt.	Conventional	2009	1,45,000	Steam
296	MOSTEFA BEN BOULAID	Sonatrach	Conventional	1976	1,25,260	Steam
297	MOURAD DIDOUCHE	Sonatrach	Conventional	1980	1,26,190	Steam
298	MOZAH	Nakilat	Q-Max	2008	2,61,988	SSD

299	MRAWEH	National Gas Shipping Co.	Conventional	1996	1,35,000	Steam
300	MUBARAZ	National Gas Shipping Co.	Conventional	1996	1,35,000	Steam
301	MURWAB	NYK, K Line, MOL, line, Mitsui, Nakilat	Q-Flex	2008	2,05,971	SSD
302	NEO ENERGY	Tsakos	Conventional	2007	1,46,838	Steam
303	NIZWA LNG	OSC, MOL	Conventional	2005	1,45,469	Steam
304	NKOSSA II	AP Moller	Conventional	1992	78,488	Steam
305	NORTHWE ST SANDERLI NG	North West Shelf Venture	Conventional	1989	1,25,452	Steam
306	NORTHWE ST SANDPIPER	North West Shelf Venture	Conventional	1993	1,25,042	Steam
307	NORTHWE ST SEAEAGLE	North West Shelf Venture	Conventional	1992	1,25,541	Steam

308	NORTHWEST SHEARWATER	North West Shelf Venture	Conventional	1991	1,25,660	Steam
309	NORTHWEST SNIPE	North West Shelf Venture	Conventional	1990	1,27,747	Steam
310	NORTHWEST STORMPETREL	North West Shelf Venture	Conventional	1994	1,25,525	Steam
311	NORTHWEST SWAN	North West Shelf Venture	Conventional	2004	1,40,500	Steam
312	NUSANTARA REGAS SATU	Golar LNG Partners	Converted FSRU	1977	1,25,003	Steam
313	OB RIVER	Dynagas	Conventional	2007	1,46,791	Steam
314	ONAIZA	Nakilat	Q-Flex	2009	2,05,963	SSD
315	PACIFIC ARCADIA	NYK	Conventional	2014	1,45,400	Steam
316	PACIFIC ENLIGHTEN	Kyushu Electric, TEPCO, Mitsubishi,	Conventional	2009	1,47,800	Steam

			Mitsui, NYK, MOL							
317	PACIFIC EURUS		TEPCO, NYK, Mitsubishi	Conventional	2006		1,35,000			Steam
318	PACIFIC NOTUS		TEPCO, NYK, Mitsubishi	Conventional	2003		1,37,006			Steam
319	PALU LNG		Cardiff Marine	Conventional	2014		1,59,800			TFDE
320	PAPUA		MOL, China LNG	Conventional	2015		1,72,000			TFDE
321	PGN FSRU LAMPUNG		Hoegh	FSRU	2014		1,70,000			TFDE
322	POLAR SPIRIT		Teekay	Conventional	1993		88,100			Steam
323	PROVALYS		GDF SUEZ	Conventional	2006		1,51,383			DFDE
324	PSKOV		Sovcomflot	Conventional	2014		1,70,200			TFDE
325	PUTERI DELIMA		MISC	Conventional	1995		1,27,797			Steam
326	PUTERI DELIMA SATU		MISC	Conventional	2002		1,34,849			Steam

327	PUTERI FIRUS	MISC	Conventional	1997	1,27,689	Steam
328	PUTERI FIRUS SATU	MISC	Conventional	2004	1,34,865	Steam
329	PUTERI INTAN	MISC	Conventional	1994	1,27,694	Steam
330	PUTERI INTAN SATU	MISC	Conventional	2002	1,34,770	Steam
331	PUTERI MUTIARA SATU	MISC	Conventional	2005	1,34,861	Steam
332	PUTERI NILAM	MISC	Conventional	1995	1,27,756	Steam
333	PUTERI NILAM SATU	MISC	Conventional	2003	1,34,833	Steam
334	PUTERI ZAMRUD	MISC	Conventional	1996	1,27,751	Steam
335	PUTERI ZAMRUD SATU	MISC	Conventional	2004	1,34,870	Steam

336	RAAHI	MOL, NYK, K Line, SCI, Nakilat	Conventional	2004	1,38,077	Steam
337	RAMDANE ABANE	Sonatrach	Conventional	1981	1,26,190	Steam
338	RASHEEDA	Nakilat	Q-MAX	2010	2,60,912	MEGI
339	RIBERA DEL DUERO KNUTSEN	Knutsen OAS	Conventional	2010	1,73,400	TFDE
340	SALALAH LNG	OSC, MOL	Conventional	2005	1,48,174	Steam
341	SCF MELAMPU S	Sovcomflot	Conventional	2015	1,70,200	TFDE
342	SCF MITRE	Sovcomflot	Conventional	2015	1,70,200	TFDE
343	SEISHU MARU	Mitsubishi, NYK, Chubu Electric	Conventional	2014	1,55,300	Steam
344	SENSHU MARU	MOL, NYK, K Line	Conventional	1984	1,25,835	Steam
345	SERI ALAM	MISC	Conventional	2005	1,45,572	Steam
346	SERI AMANAH	MISC	Conventional	2006	1,42,795	Steam

347	SERI ANGGUN	MISC	Conventional	2006	1,45,100	Steam
348	SERI ANGKASA	MISC	Conventional	2006	1,42,786	Steam
349	SERI AYU	MISC	Conventional	2007	1,43,474	Steam
350	SERI BAKTI	MISC	Conventional	2007	1,49,886	Steam
351	SERI BALHAF	MISC	Conventional	2009	1,54,567	TFDE
352	SERI BALQIS	MISC	Conventional	2009	1,54,747	TFDE
353	SERI BEGAWAN	MISC	Conventional	2007	1,49,964	Steam
354	SERI BIJAKSAN A	MISC	Conventional	2008	1,49,822	Steam
355	SESTAO KNUTSEN	Knutsen OAS	Conventional	2007	1,35,357	Steam
356	SEVILLA KNUTSEN	Knutsen OAS	Conventional	2010	1,73,400	TFDE
357	SHAGRA	Nakilat	Q-MAX	2009	2,61,988	SSD
358	SHAHAMA H	National Gas Shipping Co.	Conventional	1994	1,37,756	Steam
359	SHEN HAI	China LNG, CNOOC,	Conventional	2012	1,42,741	Steam

			Shanghai LNG						
360	SIMAISMA		Maran G.M, Nakilat	Conventional	2006		1,42,971		Steam
361	SK SPLENDOR		SK Shipping	Conventional	2000		1,35,540		Steam
362	SK STELLAR		SK Shipping	Conventional	2000		1,35,540		Steam
363	SK SUMMIT		SK Shipping	Conventional	1999		1,35,933		Steam
364	SK SUNRISE		Iino Kaiun Kaisha	Conventional	2003		1,35,505		Steam
365	SK SUPREME		SK Shipping	Conventional	2000		1,36,320		Steam
366	SOHAR LNG		OSC, MOL	Conventional	2001		1,35,850		Steam
367	SOLARIS		Gaslog	Conventional	2014		1,54,948.00		TFDE
368	SONANGOL BENGUELA		Mitsui, Sonangol Sojitz	Conventional	2011		1,60,500		Steam
369	SONANGOL ETOSHA		Mitsui, Sonangol Sojitz	Conventional	2011		1,60,500		Steam

370	SONANGOL SAMBIZAN GA	Mitsui, Sonangol Sojitz	Conventional	2011	1,60,500	Steam
371	SOUTHERN CROSS	MOL, China LNG	Conventional	2015	1,69,295	Steam Reheat
372	SOYO	Mitsui, NYK, Teekay	Conventional	2011	1,54,948	TFDE
373	SPIRIT OF HELA	MOL, Itochu	Conventional	2009	1,73,800	TFDE
374	STENA BLUE SKY	Stena Bulk	Conventional	2006	1,42,988	Steam
375	STENA CLEAR SKY	Stena Bulk	Conventional	2011	1,73,593	TFDE
376	STENA CRYSTAL SKY	Stena Bulk	Conventional	2011	1,73,611	TFDE
377	SUNRISE	Shell	Conventional	1977	1,26,813	Steam
378	TAITAR NO.1	CPC, Mitsui, NYK	Conventional	2009	1,44,627	Steam
379	TAITAR NO.2	MOL, NYK	Conventional	2009	1,44,627	Steam
380	TAITAR NO.3	MOL, NYK	Conventional	2010	1,44,627	Steam

381	TAITAR NO.4	CPC, Mitsui, NYK	Conventional	2010	1,44,596	Steam
382	TANGGUH BATUR	Sovcomflot, NYK	Conventional	2008	1,42,988	Steam
383	TANGGUH FOJA	K Line, PT Meratus	Conventional	2008	1,54,948	TFDE
384	TANGGUH HIRI	Teekay	Conventional	2008	1,51,885	TFDE
385	TANGGUH JAYA	K Line, PT Meratus	Conventional	2008	1,54,948	TFDE
386	TANGGUH PALUNG	K Line, PT Meratus	Conventional	2009	1,54,948	TFDE
387	TANGGUH SAGO	Teekay	Conventional	2009	1,51,872	TFDE
388	TANGGUH TOWUTI	NYK, PT Samudera, Sovcomflot	Conventional	2008	1,42,988	Steam
389	TEMBEK	Nakilat, OSC	Q-Flex	2007	2,11,885	SSD
390	TEGANA LIMA	MISC	Conventional	1981	1,27,409	Steam
391	TRINITY ARROW	K Line	Conventional	2008	1,52,655	Steam
392	TRINITY GLORY	K Line	Conventional	2009	1,52,675	Steam

393	UMM AL AMAD	NYK, K Line, MOL, line, Mitsui, Nakilat	Q-Flex	2008	2,06,958	SSD
394	UMM AL ASTHAN	National Gas Shipping Co.	Conventional	1997	1,37,000	Steam
395	UMM BAB	Maran G.M, Nakilat	Conventional	2005	1,43,708	Steam
396	UMM SLAL	Nakilat	Q-MAX	2008	2,60,928	SSD
397	VALENCIA KNUTSEN	Knutsen OAS	Conventional	2010	1,73,400	TFDE
398	VELIKIY NOVGORO D	Sovcomflot	Conventional	2014	1,70,471	TFDE
399	WEST ENERGY	Sinokor Merchant Marine	Conventional	1976	1,22,255	Steam
400	WILENERG Y	Awilco	Conventional	1983	1,25,788	Steam
401	WILFORCE	Teekay	Conventional	2013	1,55,900	TFDE
402	WILGAS	Awilco	Conventional	2084	1,26,975	Steam
403	WILPRIDE	Teekay	Conventional	2013	1,56,007	TFDE
404	WOODSIDE DONALDSO N	Teekay, Marubeni	Conventional	2009	1,62,620	TFDE

405	WOODSIDE GOODE	Maran Gas Maritime	Conventional	2013	1,59,800	TFDE
406	WOODSIDE ROGERS	Maran Gas Maritime	Conventional	2013	1,59,800	TFDE
407	YARI LNG	Cardiff Marine	Conventional	2014	1,59,800	TFDE
408	YENISEI RIVER	Dynagas	Conventional	2013	1,54,880	TFDE
409	YK SOVEREIG N	SK Shipping	Conventional	1994	1,24,582	Steam

Annexure AIX

LNG Order Book as 1st January 2016

S.No.	Ship Name	Shipowner	Type	Delivery Year	Capacity (cm)	Propulsion
1	ASIAN INTEGRITY	Cheverton	Conventional	2016	1,54,948	TFDE
2	ASIAN VENTURE	Cheverton	Conventional	2016	1,54,948	TFDE
3	BISHU MARU	Trans Pacific Shipping	Conventional	2016	1,64,700	Steam Reheat
4	CASTILLO DE CALDELAS	Elcano	Conventional	2017	1,78,000	MEGI
5	CASTILLO DE MERIDA	Elcano	Conventional	2017	1,78,000	MEGI
6	CESI GLADSTONE	China Shipping Group	Conventional	2016	1,74,000	TFDE
7	CLEAN VISION	Dynagas	Conventional	2016	1,62,000	TFDE
8	CREOLE SPIRIT	Teekay	Conventional	2016	1,73,400	MEGI
9	DAEWOO 2411	Teekay	Conventional	2016	1,73,400	MEGI

10	DAEWOO 2415	Maran Gas Maritime	Conventional	2016	1,73,400	TFDE
11	DAEWOO 2416	Teekay	Conventional	2017	1,73,400	MEGI
12	DAEWOO 2417	Teekay	Conventional	2017	1,73,400	MEGI
13	DAEWOO 2421	Dynagas	Conventional	2017	1,72,000	TFDE
14	DAEWOO 2422	Dynagas	Conventional	2017	1,72,000	TFDE
15	DAEWOO 2423	Teekay	Conventional	2017	1,72,000	TFDE
16	DAEWOO 2424	Teekay	Conventional	2018	1,72,000	TFDE
17	DAEWOO 2425	Teekay	Conventional	2018	1,72,000	TFDE
18	DAEWOO 2426	MOL	Conventional	2018	1,72,000	TFDE
19	DAEWOO 2427	Dynagas	Conventional	2018	1,72,000	TFDE
20	DAEWOO 2428	Dynagas	Conventional	2018	1,72,000	TFDE
21	DAEWOO 2429	Dynagas	Conventional	2018	1,72,000	TFDE

22	DAEWOO 2430	Teekay	Conventional	2019	1,72,000	TFDE
23	DAEWOO 2431	Teekay	Conventional	2019	1,72,000	TFDE
24	DAEWOO 2432	MOL	Conventional	2018	1,72,000	TFDE
25	DAEWOO 2433	Teekay	Conventional	2020	1,72,000	TFDE
26	DAEWOO 2434	MOL	Conventional	2019	1,72,000	TFDE
27	DAEWOO 2435	BW	Conventional	2017	1,74,300	MEGI
28	DAEWOO 2436	BW	Conventional	2018	1,74,300	MEGI
29	DAEWOO 2441	BP	Conventional	2018	1,74,000	MEGI
30	DAEWOO 2442	BP	Conventional	2018	1,74,000	MEGI
31	DAEWOO 2443	BP	Conventional	2018	1,74,000	MEGI
32	DAEWOO 2444	BP	Conventional	2018	1,74,000	MEGI
33	DAEWOO 2445	BP	Conventional	2019	1,74,000	MEGI

34	DAEWOO 2446	BP	Conventional	2019	1,74,000	MEGI
35	DAEWOO 2447	Frontline Managent	Conventional	2017	1,73,400	MEGI
36	DAEWOO 2448	Frontline Managent	Conventional	2017	1,74,000	MEGI
37	DAEWOO 2449	Korea Line	Conventional	2017	1,74,000	MEGI
38	DAEWOO 2450	Korea Line	Conventional	2017	1,74,000	MEGI
39	DAEWOO 2451	Hyundai LNG Shipping	Conventional	2017	1,74,000	MEGI
40	DAEWOO 2452	Hyundai LNG Shipping	Conventional	2016	1,74,000	MEGI
41	DAEWOO 2453	Teekay	Conventional	2017	1,73,400	MEGI
42	DAEWOO 2454	Teekay	Conventional	2018	1,73,400	MEGI
43	DAEWOO 2455	Teekay	Conventional	2018	1,73,400	MEGI
44	DAEWOO 2456	Maran Gas Maritime	Conventional	2016	1,73,400	MEGI
45	DAEWOO 2457	Maran Gas Maritime	Conventional	2019	1,74,000	MEGI

46	DAEWOO 2458	Maran G.M. Nakilat	Conventional	2018	1,73,400	MEGI
47	DAEWOO 2459	Maran Gas Maritime	Conventional	2018	1,73,400	MEGI
48	DAEWOO 2460	Chandris Group Teekay	Conventional	2018	1,74,000	MEGI
49	DAEWOO 2461	Teekay	Conventional	2018	1,73,400	MEGI
50	DAEWOO 2462	Mitsui & Co	Conventional	2018	1,80,000	XDF
51	DAEWOO 2464	Chandris Group	Conventional	2018	1,73,400	MEGI
52	DAEWOO 2488	BW	Conventional	2018	1,73,400	MEGI
53	DAEWOO 2489	BW	Conventional	2019	1,73,400	MEGI
54	GASLOG GREECE	GasLog	Conventional	2016	1,74,000	TFDE
55	GNL DEL PLATA	MOL	FSRU	2017	2,63,000	TFDE
56	HOEGH GRACE	Hoegh	FSRU	2016	1,70,000	DFDE
57	HUDONG- ZHONGHUA HI663A	Teekay	Conventional	2017	1,74,000	DFDE

58	HUDONG-ZHONGHUA HI1664A	Teekay	Conventional	2018	1,74,000	DFDE
59	HUDONG-ZHONGHUA HI1665A	Teekay	Conventional	2018	1,74,000	DFDE
60	HUDONG-ZHONGHUA HI1666A	Teekay	Conventional	2019	1,74,000	DFDE
61	HUDONG-ZHONGHUA HI1716A	China Shipping Group	Conventional	2016	1,74,000	TFDE
62	HUDONG-ZHONGHUA HI1717A	China Shipping Group	Conventional	2016	1,74,000	TFDE
63	HUDONG-ZHONGHUA HI1718A	China Shipping Group	Conventional	2017	1,74,000	TFDE
64	HUDONG-ZHONGHUA HI1719A	China Shipping Group	Conventional	2017	1,74,000	TFDE
65	HUDONG-ZHONGHUA HI1720A	China Shipping Group	Conventional	2017	1,74,000	TFDE

66	HYUNDAI SAMHO S691	Maran Gas Maritime	Conventional	2016	1,74,000	DFDE
67	HYUNDAI SAMHO S734	Maran Gas Maritime	Conventional	2016	1,74,000	DFDE
68	HYUNDAI SAMHO S735	Maran Gas Maritime	Conventional	2016	1,74,000	DFDE
69	HYUNDAI- SAMHO S856	Teekay	Conventional	2019	1,74,000	MEGI
70	HYUNDAI- SAMHO S857	Teekay	Conventional	2019	1,74,000	MEGI
71	HYUNDAI ULSAN	Hoegh	FSRU	2017	1,74,000	TFDE
72	HYUNDAI ULSAN 2800	GasLog	Conventional	2017	1,74,000	XDF
73	HYUNDAI ULSAN 2801	GasLog	Conventional	2017	1,74,000	XDF
74	HYUNDAI ULSAN 2865	Hoegh	FSRU	2019	1,70,000	
75	IMABARI SAIJO 8200	K Line	Conventional	2020	1,78,000	Steam
76	IMABARI SAIJO 8215	N.A	Conventional	2022	1,78,000	Steam
77	IMABARI SAIJO 8216	N.A	Conventional	2022	1,78,000	Steam

78	IMABARI SAIJO 8217	N.A	Conventional	2022	1,78,000	Steam
79	JAPAN MARINE UNITED TSU 5074	MOL	Conventional	2018	1,65,000	Steam
80	JMU TSU 5070	MOL	Conventional	2017	1,65,000	TFDE
81	JMU TSU 5071	NYK	Conventional	2017	1,65,000	TFDE
82	JMU TSU 5072	MOL	Conventional	2017	1,65,000	Steam
83	JMU TSU 5073	MOL	Conventional	2017	1,65,000	Steam
84	KALININGR AD	Gazprom JSC	FSRU	2017	1,74,000	TFDE
85	KAWASAKI SAKAIDE 1718	K Line	Conventional	2016	1,82,000	TFDE
86	KAWASAKI SAKAIDE 1720	Kawasaki	Conventional	2016	1,64,700	Steam Reheat
87	KAWASAKI SAKAIDE 1728	Mitsui & Co	Conventional	2017	1,55,000	TFDE

88	KAWASAKI SAKAIDE 1729	Mitsui & Co	Conventional	2017	1,55,000	TFDE
89	KAWASAKI SAKAIDE 1731	N.A	Conventional	2017	1,77,000	TFDE
90	KAWASAKI SAKAIDE 1734	N. A	Conventional	2018	1,77,000	DFDE
91	KAWASAKI SAKAIDE 1735	N.A	Conventional	2018	1,77,000	DFDE
92	KAWASAKI SAKAIDE 3	K Line	Conventional	2016	1,64,000	Steam Reheat
93	KUMUL	MOL, China LNG	Conventional	2016	1,72,000	SSD
94	LA MANCHA KNUTSEN	Knutsen OAS	Conventional	2016	1,76,300	MEGI
95	LNG ABALAMABI E	Nigeria LNG Ltd.	Conventional	2016	1,70,000	TFDE
96	LNG ABUJA II	Nigeria LNG Ltd.	Conventional	2016	1,70,000	DFDE

97	LNG FUKUROKUJ U	MOL, KEPCO	Conventional	2016	1,64,000	Steam Reheat
98	LNG LAGOS	Nigeria LNG Ltd.	Conventional	2016	1,77,000	DFDE
99	LNG MARS	Osaka Gas, MOL	Conventional	2016	1,53,000	Steam Reheat
100	LNG SATURN	MOL	Conventional	2016	1,53,000	Steam Reheat
101	MARAN GAS AGAMEMNO N	Maran Gas Maritime	Conventional	2016	1,74,000	TFDE
102	MARAN GAS AMPHIPOLIS	Maran Gas Maritime	Conventional	2016	1,73,400	DFDE
103	MARAN GAS ROXANA	Maran Gas Maritime	Conventional	2016	1,73,400	TFDE
104	MARAN GAS VERGINA	Maran Gas Maritime	Conventional	2016	1,73,400	DFDE
105	MARIA ENERGY	Tsakos	Conventional	2016	1,74,000	TFDE
106	mitsubishi NAGASAKI 2310	K LINE, Inpex	Conventional	2016	1,53,000	Steam Reheat

107	MITSUBISHI NAGASAKI 2316	NYK	Conventional	2017	1,55,300	Steam Reheat
108	MITSUBISHI NAGASAKI 2321	NYK	Conventional	2018	1,77,000	TFDE
109	MITSUBISHI NAGASAKI 2322	Mitsui & Co	Conventional	2018	1,77,000	TFDE
110	MITSUBISHI NAGASAKI 2323	MOL	Conventional	2018	1,80,000	TFDE
111	MITSUBISHI NAGASAKI 2324	NYK	Conventional	2018	1,65,000	TFDE
112	MITSUBISHI NAGASAKI 2325	NYK	Conventional	2018	1,65,000	TFDE
113	MITSUBISHI NAGASAKI 2326	MOL	Conventional	2018	1,80,000	TFDE
114	MITSUBISHI NAGASAKI 2327	NYK	Conventional	2018	1,80,000	TFDE
115	OAK SPIRIT	Teekay	Conventional	2016	1,73,400	MEGI

116		OUGARTA	HYPROC	Conventional	2017	1,71,800	TFDE
117		PRACHI	NYK	Conventional	2016	1,73,000	TFDE
118		RIOJA KNUTSEN	Knutsen OAS	Conventional	2016	1,76,300	MEGI
119		SAMSUNG 2073	GasLog	Conventional	2016	1,74,000	TFDE
120		SAMSUNG 2080	SK Shipping Marubeni	Conventional	2017	1,80,000	XDF
121		SAMSUNG 2081	SK Shipping Marubeni	Conventional	2017	1,80,000	XDF
122		SAMSUNG 2102	GasLog	Conventional	2016	1,74,000	TFDE
123		SAMSUNG 2103	GasLog	Conventional	2016	1,74,000	TFDE
124		SAMSUNG 2107	Flex LNG	Conventional	2016	1,74,000	TFDE
125		SAMSUNG 2108	Flex LNG	Conventional	2016	1,74,000	TFDE
126		SAMSUNG 2118	BW	FSRU	2016	1,70,000	TFDE
127		SAMSUNG 2130	GasLog	Conventional	2017	1,74,000	XDF
128		SAMSUNG 2131	GasLog	Conventional	2017	1,74,000	XDF

129	SAMSUNG 2148	Mitsui & Co	Conventional	2018	1,74,000	XDF
130	SAMSUNG 2149	Mitsui & Co	Conventional	2018	1,74,000	XDF
131	SAMSUNG 2150	Mitsui & Co	Conventional	2018	1,74,000	XDF
132	SAMSUNG 2153	SK Shipping	Conventional	2016	1,74,000	MEGI
133	SAMSUNG 2154	SK Shipping	Conventional	2016	1,74,000	MEGI
134	SAMSUNG 2189	Golar LNG	FSRU	2017	1,70,000	DFDE
135	SCF YAMAL	Sovcomflot	Conventional	2016	1,70,000	TFDE
136	SERI CAMAR	PETRONAS	Conventional	2017	1,50,200	Steam Reheat
137	SERI CAMELLA	PETRONAS	Conventional	2016	1,50,200	Steam Reheat
138	SERI CAMARA	PETRONAS	Conventional	2017	1,50,200	Steam Reheat
139	SERI CEMPAKA	PETRONAS	Conventional	2017	1,50,200	Steam Reheat
140	SERI CENDERAW ASIH	PETRONAS	Conventional	2016	1,50,200	Steam Reheat
141	TESSALA	HYPROC	Conventional	2016	1,71,800	TFDE

142	WOODSIDE CHANNEY	Maran Gas Maritime	Conventional	2016	1,74,000	TFDE
143	XIAMEM	Landmark Capital Ltd.	Conventional	2017	45,000	TFDE