		Trust Company Complex, Ajeltake Island, Majuro, Marshall Islands MH96960. Tel: +81 3 5404 2491 Fax: +81 3 5404 2540 Email: m_shimize@smfl.co.jp Company IMO#: 1828918
1.38	Technical operator - Full style:	Unix Line Pte Ltd 6 Shenton Way, #22-08, Singapore 068809 Tel: +65-6349-5818 Fax: +65-6538-1015 Email: smd_unix@unixline.net
1.39	Commercial operator - Full style:	Tokyo Marine Asia Pte Ltd 6 Shenton Way, #22-08, Singapore 068809 Tel: +65-6349-3289 Fax: +65-6223-5189 Email: mid_ops@tokyomarine.sg
1.40	Disponent owner - Full style:	Tokyo Marine Asia Pte Ltd 6 Shenton Way, #22-08, Singapore 068809 Tel: +65-6349-5800 Fax: +65-6223-5189 Email: pac_ops@tokyomarine.sg

2.	CERTIFICATION	Issued	Last Annual	Expires
2.1	Safety Equipment Certificate (SEC):	Jun 29, 2015		Jun 01, 2020
2.2	Safety Radio Certificate (SRC):	Jun 29, 2015		Jun 01, 2020
2.3	Safety Construction Certificate (SCC):	Jun 29, 2015		Jun 01, 2020
2.4	International Loadline Certificate (ILC):	Jun 29, 2015		Jun 01, 2020
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jun 29, 2015		Jun 01, 2020
2.6	ISM Safety Management Certificate (SMC):	Sep 09, 2015		Oct 16, 2020
2.7	Document of Compliance (DOC):	Sep 26, 2012		Jun 21, 2016
2.8	USCG Certificate of Compliance (COC):	Not Applicable		Not Applicable
2.9	Civil Liability Convention (CLC) 1992 Certificate:	Jan 20, 2015	Not Applicable	Feb 20, 2016
2.10	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Jan 16, 2015	Not Applicable	Feb 20, 2016
2.11	Ship Sanitation Control (SSCC)/Ship Sanitation Control Exemption (SSCE) Certificate:	Jun 03, 2015	Not Applicable	Dec 02, 2015
2.12	U.S. Certificate of Financial Responsibility (COFR):	Jun 30, 2012	Not Applicable	Jul 02, 2016
2.13	Certificate of Class (COC):	Jun 29, 2015		Jun 01, 2020
2.14	International Sewage Pollution Prevention Certificate (ISPPC):	Jun 29, 2015	Not Applicable	Jun 01, 2020
2.15	Certificate of Fitness (COF):	Jun 29, 2015		Jun 01, 2020
2.16	International Energy Efficiency Certificate (IEEC):	Apr 30, 2013	Not Applicable	Not Applicable
2.17	International Ship Security Certificate (ISSC):	Oct 01, 2015		Oct 16, 2020
2.18	International Air Pollution Prevention Certificate (IAPPC):	Jun 29, 2015		Jun 01, 2020
2.19	Maritime Labour Certificate (MLC):	Aug 08, 2013	Not Applicable	Aug 08, 2018
Docum	nentation			
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:		Υ	es
2.21	Does vessel have in place a Drug and Alcohol Policy complying of Control of Drugs and Alcohol Onboard Ship?	with OCIMF guidelines	Υ	es
2.22	Is the ITF Special Agreement on board (if applicable)?		Υ	es
2.23	ITF Blue Card expiry date:		Mar 3	1, 2017

3.	CREW	
3.1	Nationality of Master:	South Korean
3.2	Number and Nationality of Officers:	9
		S.KOREAN
3.3	Number and Nationality of Crew:	12
		Myanmar
3.4	What is the common working language onboard:	ENGLISH
3.5	Do officers speak and understand English?	Yes
3.6	If Officers/Crew employed by a Manning Agency - Full style: Officers:	

Dong Jin shipping Co., Ltd. Rm 1406 Korea Express bldg. 1211-1 choryang-dong, Dong ku, Pusan Tel: +82-51-462-5511 Fax: +82-51-462-5510 Telex: 801-53719 Email: general@djshipping.co.kr
Crew: Dragon Jewel Co. Ltd No. 11, Ground Floor, 49th Street, Lower Block, Botahtaung Township, Yangon, Myanmar Tel: 95-1-291648 Fax: 95-1-291648 Email: djmb@djship.net

4.	FOR USA CALLS		
4.1	Has the vessel Operator submitted a Vessel Spill Responsible which has been approved by official USCG letter?	Yes	
4.2	Qualified individual (QI) - Full style:	ECM Maritime Services, 3959 Electric Road SW Suite 200 Roanoke, VA 24018 Tel: +1 203 857 0444 Fax: +1 203 857 0428 Email: QI@ecmmaritime	
4.3	Oil Spill Response Organization (OSRO) - Full style:	Marine Spill Response Co Tel: 1 800 645 7745 Telex: iocdo@nrcc.com	orp. (MSRAC)

5.					
	CARGO AND BALLAST HANDLING				
Double	e Hull Vessels				
5.1	Is vessel fitted with centerline bulk	nead in all cargo tanks? If Yes, so	olid or perforated:	Yes, Solid	
Loadlii	ne Information				
5.2	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	4.63 Metres	11.41 Metres	35,435.00 Metric Tonnes	43,434.00 Metric Tonnes
	Winter:	4.87 Metres	11.17 Metres	34,435.00 Metric Tonnes	42,434.00 Metric Tonnes
	Tropical:	4.40 Metres	11.64 Metres	36,439.00 Metric Tonnes	44,438.00 Metric Tonnes
	Lightship:	2.36 Metres	2.36 Metres	Not Applicable	7,999.00 Metric Tonnes
	Normal Ballast Condition:	9.75 Metres	6.29 Metres	14,650.00 Metric Tonnes	22,649.00 Metric Tonnes
5.3	Does vessel have multiple SDWT? If		Yes 35485t 29996t 24998t 19996t		
	Tank Capacities			1	
5.4	Number of cargo tanks and total cu			14	35,380.458 Cu. Metres
5.5	Capacity (98%) of each natural segr	egation with double valve (spec	ify tanks):	1P-1669.548, 1S-1689.54 2321.757, 3P-2376.01, 3 2864.609, 4S-2877.723, 2872.449, 6P-2859.571, 2900.653, 7S-2896.733	S-2391.063, 4P- 5P-2862.639, 5S-
5.6	Number of slop tanks and total cub	ic capacity (98%):		2	1,210.496 Cu. Metres
5.7	Specify segregations which slops ta	nks belong to and their capacity	with double valve:	8P-611.602, 8S-598.894	
5.8	Residual/Retention oil tank(s) capad	city (98%), if applicable:			0 Cu. Metres
5.9	Does vessel have Segregated Ballas	t Tanks (SBT) or Clean Ballast Ta	anks (CBT):	SBT	
SBT Ve	essels				
5.10	What is total SBT capacity and percent	entage of SDWT vessel can mai	ntain?	13,573.73 Cu. Metres	41.00 %
5.11	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:			Yes	
Cargo	Handling and Pumping Systems				

5.12	How many grades/products can vessel load/discharge	with do	uble valve segregation:		16
5.13	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage r	estrictio	ns etc.:	Yes DSG 1.3	
5.14	Pumps	No.	Туре	Capacity	At What Head (sg=1.0)
	Cargo Pumps:	14	Centrifugal Centrifugal	330 M3/HR 200 M3/HR	115 Meters 115 Meters
	Cargo Eductors:				
	Stripping:				
	Ballast Pumps:	2	Centrifugal	650 Cu. Metres/Hour	25 Metres
	Ballast Eductors:				
5.15	Max loading rate for homogenous cargo per manifold	connect	ion:		400 Cu. Metres/Hour
5.16	Max loading rate for homogenous cargo loaded simul	taneousl	y through all manifolds:		650 Cu. Metres/Hour
5.17	How many cargo pumps can be run simultaneously at	full capa	acity:		4
Cargo	Control Room				
5.18	Is ship fitted with a Cargo Control Room (CCR)?			Y	es
5.19	Can tank innage / ullage be read from the CCR?			Y	es
Gaugir	ng and Sampling				
5.20	Can cargo be transferred under closed loading condition 11.1.6.6?	ions in ac	ccordance with ISGOTT	Yı	es
5.21	What type of fixed closed tank gauging system is fitte	d:		Radar	
5.22	Number of portable gauging units (example- MMC) or	n board:			4
5.23	Are overfill (high) alarms fitted? If Yes, indicate wheth	er to all	tanks or partial:	Yes, All	
5.24	Are cargo tanks fitted with multipoint gauging? If yes,	specify t	type and locations:	,	
5.25	Is gauging system certified and calibrated? If no, spec	ify which	ones are not calibrated:	Yes,	
Vapor	Emission Control System (VECS)				
5.26	Is a Vapour Emission Control System (VECS) fitted?			Yes	
5.27	Number/size of VECS manifolds (per side):			2	250 Millimetres
5.28	Number / size / type of VECS reducers:				
Ventin	ng				
5.29	State what type of venting system is fitted:			Individual High Velocity	
	Manifolds and Reducers			T	
5.30	Does vessel comply with the latest edition of the OCII Tanker Manifolds and Associated Equipment'?	MF 'Reco	mmendations for Oil	Y	es
5.31	Total number / size of cargo manifold connections on	each sid	e:	16 / 150.00 Millimetres	
5.32	What type of valves are fitted at manifold:			Butterfly	
5.33	What is the material/rating of the manifold:			Stainless Steel(SUS 316)	/
5.34	Does the vessel have a Common Line Manifold conne	ction? If	yes, describe:		
5.35	Distance between cargo manifold centers:				500.00 Millimetres
5.36	Distance ships rail to manifold:				3,550.00 Millimetres
5.37	Distance manifold to ships side:				3,700.00 Millimetres
5.38	Top of rail to center of manifold:				1,951.00 Millimetres
5.39	Distance main deck to center of manifold:				3,108.00 Millimetres
5.40	Spill tank grating to center of manifold:				450.00 Millimetres
5.41	Manifold height above the waterline in normal ballast	t / at SDV	VT condition:	12.44 Metres	7.70 Metres
5.42	Number / size / type of reducers:			6 x 150/100mm (6/4") 4 x 200/150mm (8/6") 4 x 250/150mm (10/6") 4 x 250/200mm (10/8") 1 x 300/250mm (12/10" ANSI/JIS)
5.43	Is vessel fitted with a stern manifold? If yes, state size	e:		No,	
Heatin	pg			•	
5.44	Cargo / slop tanks fitted with a cargo heating system?)	Туре	Coiled	Material
	Cargo Tanks:		Steaming Coils	Yes	SS
	Slop Tanks:		Steam	Yes	SS
	Maximum temperature cargo can be loaded / mainta			80.0 °C / 176.0 °F	80 °C / 176 °F

5.46	Minimum temperature cargo				
Coati	ng / Anodes			·	
5.47	Tank Coating	Coated	Туре	To What Extent	Anodes
	Cargo tanks:	Yes	Stainless Steel (SUS 316LN)	Whole Tank	No
	Ballast tanks:	Yes	Whole, non-tar expoxy paint	Whole Tank	Yes
	Slop tanks:	Yes	Stainless Steel (SUS 316LN)	Whole Tank	No

6.	INERT GAS AND CRUDE OIL WASHING	
6.1	Is a Crude Oil Washing (COW) installation fitted / operational?	N/A / N/A
6.2	Is an Inert Gas System (IGS) fitted / operational?	Yes / Yes
6.3	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	Nitrogen Generator

7.	MOORING					
7.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
7.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:				-	
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
7.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	6	52.00 Millimetres	Megaplex	200.00 Metres	52.00 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	6	52.00 Millimetres	Megaplex	200.00 Metres	52.00 Metric Tonnes
7.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	3	60 Millimetres	Megaplex	200 Metres	69 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	3	60 Millimetres	Megaplex	200 Metres	69 Metric Tonnes
7.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	3	Double Drums	Hydraulic	35.70 Metric Tonnes	Disc Brake
	Main deck fwd:		N/A	N/A		
	Main deck aft:		N/A	N/A		
	Poop deck:	2	Double Drum	Hydraulic	35.70 Metric Tonnes	Disc brake
7.6	Bitts, closed chocks/fairleads	l	No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		6	64 Metric Tonnes	3	200 Metric Tonnes
	Main deck fwd:		4	52 Metric Tonnes	2	88 Metric Tonnes
	Main deck aft:		2	52 Metric Tonnes	2	88 Metric Tonnes
	Poop deck:		6	64 Metric Tonnes	3	124 Metric Tonnes
Ancho	ors/Emergency Towing System					
7.7	Number of shackles on port / s	starboa	rd cable:		11 /	['] 11
7.8	Type / SWL of Emergency Tow	ing syst	em forward:		ETS 4000 FSR-SJ	200 Metric Tonnes
7.9	Type / SWL of Emergency Tow	ing syst	em aft:		ETS 2000A-SJ	100 Metric Tonnes
Escort	: Tug					
7.10	What is size / SWL of closed ch	ock and	d/or fairleads of enclosed	type on stern:	Not Applicable	100.00 Metric Tonnes
7.11	What is SWL of bollard on poo	p deck :	suitable for escort tug:			51.00 Metric Tonnes
Bow/S	Stern Thruster					
7.12	What is brake horse power of	bow thr	ruster (if fitted):		No,	
7.13	What is brake horse power of	stern th	ruster (if fitted):		No,	

Single	Point Mooring (SPM) Equipment		
7.14	Does the vessel meet the recommendations in the latest edition of OCIMF 'Recommendations for Equipment Employed in the Bow Mooring of Conventional Tankers at Single Point Moorings (SPM)'?	Yes	
7.15	If fitted, how many chain stoppers:		
7.16	State type / SWL of chain stopper(s):		
7.17	What is the maximum size chain diameter the bow stopper(s) can handle:		
7.18	Distance between the bow fairlead and chain stopper/bracket:		
7.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:	Yes	
Lifting	g Equipment		
7.20	Derrick / Crane description (Number, SWL and location):	Cranes: 1 x 10.00 Tonnes Center	
7.21	What is maximum outreach of cranes / derricks outboard of the ship's side:	4.15 Metres	
Ship 1	o Ship Transfer (STS) / Helicopter Operations		
7.22	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquified Gas, as applicable)?	Yes	
7.23	Can the ship comply with the ICS Helicopter Guidelines? If Yes, state whether winching or landing area provided and diameter of the circle provided:	N/A,	

8.	MISCELLANEOUS				
Engin	e				
8.1	Speed	Maximum	Economic		
	Ballast speed:	16.50 Knots (WSNP)	15.00 Knots (WSNP)		
	Laden speed:			15.40 Knots (WSNP)	14.50 Knots (WSNP)
8.2	What type of fuel is used for main propulsion / generating plant:	:		IFO 380	IFO, MDO
8.3	Type / Capacity of bunker tanks:			Fuel Oil: 1,723.39 Cu. M Diesel Oil: 109.75 Cu. M Gas Oil: 0 Cu. Metres	
8.4	Is vessel fitted with fixed or controllable pitch propeller(s):			Fixed	
8.5	Engines		No	Capacity	Make/Type
	Main engine:		1	8,580 Kilowatt	MITSUI MAN B&W 6S50MC MARK6
	Aux engine:		3	880 Kilowatt	YANMAR / 6N21AL-SV
	Power packs: 3			300 Cu. Metres	Frank Mohn AS / M2CA 355 MA4
	Boilers:		1	15.00 Metric Tonnes/Hour	TORTOISE / MVW-150
Emiss	ions	'			
8.6	Main engine IMO NOx emission standard:			Tier I	
8.7	Energy Efficiency Design Index (EEDI) rating number:				
Insura	ince				
8.8	P & I Club - Full Style:	Japan P and I Clu	ıb		
8.9	P & I Club pollution liability coverage / expiration date:			1,000,000,000 US\$	Feb 20, 2016
8.10	Hull & Machinery insured by - Full Style:	Tokio Marine &	Nichid	o Fire Insurance Co., Ltd.	
8.11	Hull & Machinery insured value / expiration date:			37,000,000 US\$	Oct 01, 2016
Recen	t Operational History				
8.12	Date and place of last Port State Control inspection:			Jan 06, 2015 / Zhuhai	
8.13	Any outstanding deficiencies as reported by any Port State Control details:	rol? If yes, provid	e	N/A	
8.14	Has vessel been involved in a pollution, grounding, serious casualty or collision incident during the past 12 months? If yes, full description:		Pollution: No, Grounding: No, Casualty: No, Collision: No,		
8.15	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd La	ast):		N/A	
8.16	Date/place of last STS operation:				
Vettir				l	

8.17	Date of last SIRE inspection:	Sep 14, 2015
8.18	Date of last CDI inspection:	Mar 13, 2015
8.19	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: * "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.	
Additional Information		
8.20	Additional information relating to features of the ship or operational characteristics:	

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