

1.	VESSEL DESCRIPTION		
1.1	Date updated:	May 30, 2016	
1.2	Vessel's name (IMO number):	Silver Heba (9718870)	
1.3	Vessel's previous name(s) and date(s) of change:	Not Applicable (Not applicable)	
1.4	Date delivered / Builder (where built):	Jun 17, 2016 / Hyundai Mipo Yard co. Ltd. , Korea	
1.5	Flag / Port of Registry:	Hong Kong / Hong Kong	
1.6	Call sign / MMSI:	VRPS5 /	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: Fax: Email:	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Oil Tanker	
1.9	Type of hull:	Double Hull	
Classification			
1.10	Classification society:	American Bureau of Shipping	
1.11	Class notation:	+1A(E), OIL/CHEMICALTANKER ,IMO TYPE 2, ESP,+AMS,+ACCU,CSR.AB-CM,VEC-L,TCM,UWILD,CPS,GP.PMA,CPP,ENVIRO,CRC,RRDA,POT,SPMA,BWT,RW	
1.12	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:	No	
1.13	If classification society changed, name of previous and date of change:	NA ,	
1.14	IMO type, if applicable:	2,3	
1.15	Does the vessel have ice class? If yes, state what level:	N/A , NA	
1.16	Date / place of last dry-dock:	/	
1.17	Date next dry dock due / next annual survey due:		
1.18	Date of last special survey / next special survey due:		
1.19	If ship has Condition Assessment Program (CAP), what is the latest overall rating:	No , (NA)	
1.20	Does the vessel have a statement of compliance issued under the provisions of the Condition Assessment Scheme (CAS): If yes, what is the expiry date?		
Dimensions			
1.21	Length overall (LOA):	183.06 m	
1.22	Length between perpendiculars (LBP):	174.0 m	
1.23	Extreme breadth (Beam):	32.2 m	
1.24	Moulded depth:	19.10 m	
1.25	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:	48.83 m	m
1.26	Bow to center manifold (BCM) / Stern to center manifold (SCM):	89.22 m	93.84 m
1.27	Distance bridge front to center of manifold:	89.22 m	
1.28	Parallel body distances:	Lightship	Normal Ballast Summer Dwt
	Forward to mid-point manifold:	27.45 m	34.20 m 31.51 m
	Aft to mid-point manifold:	23.09 m	47 m 58.65 m
	Parallel body length:	50.24 m	81.20 m 90.16 m
1.29	FWA/TPC at summer draft:	288.00 mm	52.30 MT

1.30	Constant (excluding fresh water):	50.10 MT		
1.31	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?	The minimum allowable UKC when the ship is underway, which includes an allowance for squat shall be; A) In Deep Coastal waters / Ocean Passages: A minimum under keel clearance of twice the maximum summer draft of the vessel shall be maintained at all times during the voyage. B) In Shallow Coastal / Port waters: A minimum under-keel clearance amounting to 10 per cent of ship's deepest draft or one meter, whichever is greater, shall be maintained at all times. For the purpose of above, we define Deep Waters as waters with depths greater than 50 meters. C)At Berth: All vessels must maintain a "NET UKC while staying alongside a terminal. NET UKC is the minimum margin remaining between the seabed level and keel of the vessel in the most unfavorable condition of the design criteria. NET UKC is also the minimum UKC allowed at any stage when alongside loading or discharging. Following tabled values are to be used for determining the NET UKC:- Ships Extreme Breadth NET UKC (Min. to be maintained at all times) Up to 20.0 m 0.3 m Over 20.0 m 1.5 % of ships beam		
1.32	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast	
	Lightship:	45.78 m	0 m	
	Normal ballast:	41.56 m	0 m	
	At loaded summer deadweight:	35.57 m	0 m	
Tonnages				
1.33	Net Tonnage:	13768		
1.34	Gross Tonnage / Reduced Gross Tonnage (if applicable):	29375	22736	
1.35	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	3114452	27366.88	
1.36	Panama Canal Net Tonnage (PCNT):	24389.08		
Ownership and Operation				
1.37	Registered owner - Full style:	ROC SHIPPING ONE LIMITED SUIT B, 12TH FLOOR, TWO C Fleet Management Ltd 11/F Dah Sing Financial Centre, 108 Gloucester Road, Wanchai, Hong Kong. Tel: + 852 2298 8300 Fax: + 852 2528 1550 Email: Fleet-HK-Vetting@fleetship.com Tel: + 852 2298 8300 Fax: + 852 2528 1550 Email: Fleet-HK-Vetting@fleetship.com		
1.38	Technical operator - Full style:	Fleet Management Ltd Fleet Management Ltd 11/F Dah Sing Financial Centre, 108 Gloucester Road, Wanchai, Hong Kong. Tel: + 852 2298 8300 Fax: + 852 2528 1550 Email: Fleet-HK-Vetting@fleetship.com Tel: + 852 2298 8300 Fax: + 852 2528 1550 Email: Fleet-HK-Vetting@fleetship.com		
1.39	Commercial operator - Full style:	Shell International Trading & Shipping Co. Ltd Shell International Trading & Shipping Co. Ltd 80, strand, London WC2R0ZA, UK Tel: +44 20 7546 7037 Email: FreightOperations@shell.com Tel: +44 20 7546 7037		
1.40	Disponent owner - Full style:	Shell Tankers (Singapore) Private Ltd Shell Tankers (Singapore) Private Ltd 9 North Buona Vista Drive #07-01 The Metropolis Singapore 1385		
2.	CERTIFICATION	Issued	Last Annual	Expires
2.1	Safety Equipment Certificate (SEC):			
2.2	Safety Radio Certificate (SRC):			
2.3	Safety Construction Certificate (SCC):			
2.4	International Loadline Certificate (ILC):			
2.5	International Oil Pollution Prevention Certificate (IOPPC):			
2.6	ISM Safety Management Certificate (SMC):			

2.7	Document of Compliance (DOC):			
2.8	USCG Certificate of Compliance (COC):			
2.9	Civil Liability Convention (CLC) 1992 Certificate:		Not Applicable	
2.10	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:		Not Applicable	
2.11	Ship Sanitation Control (SSCC)/Ship Sanitation Control Exemption (SSCE) Certificate:		Not Applicable	
2.12	U.S. Certificate of Financial Responsibility (COFR):		Not Applicable	
2.13	Certificate of Class (COC):			
2.14	International Sewage Pollution Prevention Certificate (ISPPC)		Not Applicable	
2.15	Certificate of Fitness (COF):			
2.16	International Energy Efficiency Certificate (IEEC):		Not Applicable	Not Applicable
2.17	International Ship Security Certificate (ISSC):			
2.18	International Air Pollution Prevention Certificate (IAPPC):			
2.19	Maritime Labour Certificate (MLC):		Not Applicable	

Documentation

2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:	Yes
2.21	Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?	Yes
2.22	Is the ITF Special Agreement on board (if applicable)?	Yes
2.23	ITF Blue Card expiry date:	

3. CREW

3.1	Nationality of Master:	
3.2	Number and Nationality of Officers:	8 Indian,Korean and Filipino
3.3	Number and Nationality of Crew:	10 Filipino
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: Officers: Fleet Management Limited 11/F, Dah Sing Financial Crew: Tel: +852 2298 8300 Fax: +852 2528 1550 Telex: - Email: Fleet-HK-Vetting@fleetship.com Crew:

4. FOR USA CALLS

4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard	Yes
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	which has been approved by official USCG letter?				
4.2	Qualified individual (QI) - Full style:		O'Brien's Oil Pollution Service O'Brien's Oil Pollution Service O'Brien's Response Management 103 Morgan Lane, Suite 103, Plainsboro, NJ 08536-3339, U.S.A. Tel: 1 609 275 9600 Fax: 1 609 275 9444 Email: commandcenter@obriensrm.com		
4.3	Oil Spill Response Organization (OSRO) - Full style:		National Response Corporation National Response Corporation 3500 SUNRISE HIGHWAY SUITE T103, GREAT RIVER NEW YORK 11739 U.S.A. Tel: 1 631 224 9141 Fax: 1 631 224 9082		
5. CARGO AND BALLAST HANDLING					
Double Hull Vessels					
5.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:		No ,		
Loadline Information					
5.2	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	5.286 m	13.265 m	49895 MT	60245 MT
	Winter:	6.138 m	12.989 m	48453 MT	58803 MT
	Tropical:	5.586 m	13.541 m	51340 MT	61690 MT
	Lightship:	16.312 m	2.815 m	Not Applicable	10350 MT
	Normal Ballast Condition:	m	m	MT	MT
5.3	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:		Yes		
Cargo Tank Capacities					
5.4	Number of cargo tanks and total cubic capacity (98%):		14	0 m3 (53161.67)	
5.5	Capacity (98%) of each natural segregation with double valve (specify tanks):		Seg#1: 6141.95 m3 (1W) Seg#2: 9022.37 m3 (2W)) Seg#3: 9496.102 m3 (3W) Seg#4 9497.08 m3 (4W) Seg#5: 9494.24 m3 (5W) Seg#6: 8372.926 m3 (6W) Seg#7: 1136.996 m3 (Slop (P&S))		
5.6	Number of slop tanks and total cubic capacity (98%):		2	0 m3 (1137)	
5.7	Specify segregations which slops tanks belong to and their capacity with double valve:				
5.8	Residual/Retention oil tank(s) capacity (98%), if applicable:		138.18 m3		
5.9	Does vessel have Segregated Ballast Tanks (SBT) or Clean Ballast Tanks (CBT):		SBT		
SBT Vessels					
5.10	What is total SBT capacity and percentage of SDWT vessel can maintain?		21876 m3	44.95 %	
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 double valve segregation:		9		
5.13	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:		Yes 1.025		
5.14	Pumps:	No.	Type	Capacity	At What Head (sg=1.0)
	Cargo Pumps:	12 2 1	CENTRIFUGAL SUBMERGED CENTRIFUGAL SUBMERGED CENTRIFUGAL	600 M3/HR 300 M3/HR 75 M3/HR	93.75 Meters

			SUBMERGED		
	Cargo Eductors:			m3/hr	m
	Stripping:			m3/hr	m
	Ballast Pumps:	2	CENTRIFUGAL SUBMERGED	800 m3/hr	30.75 m
	Ballast Eductors:			m3/hr	m
5.15	Max loading rate for homogenous cargo per manifold connection:			1780.38 m3/hr	
5.16	Max loading rate for homogenous cargo loaded simultaneously through all manifolds:			3600.00 m3/hr	
5.17	How many cargo pumps can be run simultaneously at full capacity:			6	
Cargo Control Room					
5.18	Is ship fitted with a Cargo Control Room (CCR)?			Yes	
5.19	Can tank innage / ullage be read from the CCR?			Yes	
Gauging and Sampling					
5.20	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?			Yes	
5.21	What type of fixed closed tank gauging system is fitted:			Radar beam type	
5.22	Number of portable gauging units (example-MMC) on board:			2	
5.23	Are overfill (high) alarms fitted? If Yes, indicate whether to all tanks or partial:			Yes , All	
5.24	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:			,	
5.25	Is gauging system certified and calibrated? If no, specify 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	300 mm
5.28	Number / size / type of VECS reducers:			2X300/400mm(12/16')ANSI	
Venting					
5.29	State what type of venting system is fitted:			Independent High Velocity Pressure / Vacuum Valve	
Cargo Manifolds and Reducers					
5.30	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?			Yes	
5.31	Total number / size of cargo manifold connections on each side:			(9) / 400.00 mm	
5.32	What type of valves are fitted at manifold:			Butterfly	
5.33	What is the material/rating of the manifold:			SUS 316 L /	
5.34	Does the vessel have a Common Line Manifold connection? If yes, describe:			(NO)	
5.35	Distance between cargo manifold centers:			2000.00 mm	
5.36	Distance ships rail to manifold:			4600.00 mm	
5.37	Distance manifold to ships side:			4600.00 mm	
5.38	Top of rail to center of manifold:			600.00 mm	
5.39	Distance main deck to center of manifold:			2100.00 mm	
5.40	Spill tank grating to center of manifold:			900.00 mm	
5.41	Manifold height above the waterline in normal			13.07 m	7.96 m

	ballast / at SDWT condition:					
5.42	Number / size / type of reducers:			None		
5.43	Is vessel fitted with a stern manifold? If yes, state size:			, 0.0 mm		
Heating						
5.44	Cargo / slop tanks fitted with a cargo heating system?		Type	Coiled	Material	
	Cargo tanks:		Deck Heater	Yes	Other	
	Slop tanks:		Steam Heating Coils	Yes	SS 316L	
5.45	Maximum temperature cargo can be loaded / maintained:			(75.0/167.0 DEG Celcius)		
5.46	Minimum temperature cargo can be loaded / maintained:					
Coating / Anodes						
5.47	Tank Coating	Coated	Type	To What Extent	Anodes	
	Cargo tanks:	Yes	PHENOLIC EPOXY	Whole Tank	No	
	Ballast tanks:	Yes	PURE EPOXY	Whole Tank	Yes	
	Slop tanks:	Yes	PURE EPOXY	Whole Tank	No	
6.	INERT GAS AND CRUDE OIL WASHING					
6.1	Is a Crude Oil Washing (COW) installation fitted / operational?			Yes / Yes		
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:			IG Generator		
7.	MOORING					
7.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:		mm		m	MT
	Main deck fwd:		mm		m	MT
	Main deck aft:		mm		m	MT
	Poop deck:		mm		m	MT
7.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:		mm		m	MT
	Main deck fwd:		mm		m	MT
	Main deck aft:		mm		m	MT
	Poop deck:		mm		m	MT
7.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	55.00 mm	NEW SUPERFLEX	220 m	60.0 MT
	Main deck fwd:	2	55 mm	NEW SUPERFLEX	220 m	60 MT
	Main deck aft:	2	55.0 mm	NEW SUPERFLEX	220 m	60 MT
	Poop deck:	4	55 mm	NEW SUPERFLEX	220 m	60 MT
7.4	Other lines	No.	Diameter	Material	Length	Breaking Strength

	Forecastle:	3	55 mm	NEW SUPERFLEX	220 m	60.0 MT
	Main deck fwd:		mm		m	MT
	Main deck aft:		mm		m	MT
	Poop deck:		mm		m	MT
7.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double Drums	Hydraulic	48 MT	MANUAL
	Main deck fwd:	1	Double Drums	Hydraulic	48 MT	
	Main deck aft:	1	Double Drums	Hydraulic	48 MT	
	Poop deck:	2	Double Drums	Hydraulic	48 MT	
7.6	Bitts, closed chocks/fairleads	No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks	
	Forecastle:	4	60 MT	7	60 MT	
	Main deck fwd:	6	60 MT		MT	
	Main deck aft:	4	60 MT	7	60 MT	
	Poop deck:	8	60 MT	12	60 MT	
Anchors/Emergency Towing System						
7.7	Number of shackles on port / starboard cable:				11 / 12	
7.8	Type / SWL of Emergency Towing system forward:				KETA 45F	200 MT
7.9	Type / SWL of Emergency Towing system aft:				KETSP 40A	200 MT
Escort Tug						
7.10	What is size / SWL of closed chock and/or fairleads of enclosed type on stern:					204 MT
7.11	What is SWL of bollard on poop deck suitable for escort tug:					204 MT
Bow/Stern Thruster						
7.12	What is brake horse power of bow thruster (if fitted):				No , bhp (NO , 0.000 BHP)	
7.13	What is brake horse power of bow thruster (if fitted):				, bhp (NO, 0.00 bhp)	
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:				1	
7.16	State type / SWL of chain stopper(s):				TONGUE TYPE	200.00 MT
7.17	What is the maximum size chain diameter the bow stopper(s) can handle:				76.00 mm	
7.18	Distance between the bow fairlead and chain stopper/bracket:				3464 mm	
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 Equipment						
7.20	Derrick / Crane description (Number, SWL and location):				Cranes: 1 x 10 Tonnes	
7.21	What is maximum outreach of cranes / derricks outboard of the ship's side:				8.90 m	

Ship To Ship Transfer (STS) / Helicopter Operations				
7.22	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquefied 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:		Yes , Winching 5.00 m	
8.	MISCELLANEOUS			
Engine				
8.1	Speed		Maximum	Economic
	Ballast speed:		Kts (WSNP)	Kts (WSNP)
	Laden speed:		Kts (WSNP)	Kts (WSNP)
8.2	What type of fuel is used for main propulsion?		700 CST HFO AT 50 Deg C	700 CST HFO AT 50 Deg C
8.3	Type / Capacity of bunker tanks:		Fuel Oil: 1388.10 m3 Diesel Oil: m3 Gas Oil: 245.10 m3	
8.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Fixed	
8.5	Engines	No	Capacity	Make/Type
	Main engine:	1	8600 Kw	
	Aux engine:	3	960 Kw	
	Power packs:		m3	
	Boilers:	1	18.00 MT/Hr	
Emissions				
8.6	Main engine IMO NOx emission standard:		Tier II	
8.7	Energy Efficiency Design Index (EEDI) rating number:			
Insurance				
8.8	P & I Club - Full Style:	TBA		
8.9	P & I Club pollution liability coverage / expiration date:		1000000000 US\$	Feb 20, 2017
8.10	Hull & Machinery insured by - Full Style:			
8.11	Hull & Machinery insured value / expiration date:		US\$	
Recent Operational History				
8.12	Date and place of last Port State Control inspection:		(NA)	
8.13	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:		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 Last):			
8.16	Date/place of last STS operation:		NA	
Vetting				
8.17	Date of last SIRE inspection:			
8.18	Date of last CDI inspection:			
8.19	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*:		Contact owner for details.	

	<i>*"Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.</i>	
Additional Information		
8.20	Additional information relating to features of the ship or operational characteristics:	
Version 4 (INTERTANKO / Q88.com)		