

1.	GENERAL INFORMATION		
1.1	Date updated:	04 July 2023	
1.2	Vessel's name (IMO number):	SMOOTH SEA 21 / 8776394	
1.3	Vessel's previous name(s) and date(s) of change:	CHENG XIN 1 / 21/03/2017	
1.4	Date delivered/Builder (where built):	JUNE 2012 / FUJIAN YIHE SHIPBUILDING, JAPAN	
1.5	Flag/Port of Registry:	THAILAND / BANGKOK	
1.6	Call sign/MMSI:	HSB 5956 / 567002160	
1.7	Vessel's contact details (satcom/fax/email etc.):	Smoothsea21.smoothsea@gmail.com	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Product carrier	
1.9	Type of hull:	Double Hull	
Ownership and Operation			
1.10	Registered owner - Full style:	SMOOTH SEA CO.,LTD 924 TALOMSIN BUILDING (6th FL) RAMA 3 RD., BANGPONGPANG, YANNAWA, BANGKOK 10120 Tel. +662 294-8741-4 Fax: +662 294-8745 email: opt@smoothsea.co.th	
1.11	Technical operator - Full style:	SMOOTH SEA CO.,LTD 924 TALOMSIN BUILDING (6th FL) RAMA 3 RD., BANGPONGPANG, YANNAWA, BANGKOK 10120 Tel. +662 294-8741-4 Fax: +662 294-8745 email: opt@smoothsea.co.th	
1.12	Commercial operator - Full style:	SMOOTH SEA CO.,LTD 924 TALOMSIN BUILDING (6th FL) RAMA 3 RD., BANGPONGPANG, YANNAWA, BANGKOK 10120 Tel. +662 294-8741-4 Fax: +662 294-8745 e-mail: opt@smoothsea.co.th	
1.13	Disponent owner – Full style:	N/A	
Insurance			
1.14	P & I Club – Full Style:	The Anglo & Eastern Ship Owners P&I Club Sea Meadow House, Blackburne Highway, (P.O. Box 116), Road Town, Tortola, British Virgin Islands Website: www.aepandi.com Email : info-ae@aepandi.com	
1.15	P & I Club pollution liability coverage/expiration date:	Website:	20 FEB 2024
1.16	Hull & Machinery insured by – Full Style: (Specify broker or leading underwriter)	Allianz Ayudhya general insurance public company	
1.17	Hull & Machinery insured value/expiration date:	15,000,000 THB	18 May 2024
Classification			
1.18	Classification society:	TG	
1.19	Class notation:	NONE	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:	No N/A	
1.21	If classification society changed, name of previous and date of change:	No, N/A	
1.22	Does the vessel have ice class? If yes, state what level:	No, N/A	
1.23	Date/place of last dry-dock:	3 SEP 2021 / BANGKOK	
1.24	Date next dry dock due/next annual survey due:	3 MAR 2024	1 SEP 2023
1.25	Date of last special survey/next special survey due:	05 SEP 2022	3 SEP 2026
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:	N/A	
Dimensions			
1.27	Length overall (LOA):	69.10 Metres	
1.28	Length between perpendiculars (LBP):	63.20 Metres	
1.29	Extreme breadth (Beam):	10.75 Metres	
1.30	Moulded depth:	4.50 Metres	
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:	25.30 Metres	N/A Metres
1.32	Distance bridge front to center of manifold:	16.20 Metres	
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):	37.00 Metres	32.10 Metres

1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		18.80 Metres	19.20 Metres	20.70 Metres
	Aft to mid-point manifold:		13.50 Metres	13.80 Metres	14.50 Metres
	Parallel body length:		31.30 Metres	33.00 Metres	35.20 Metres
Tonnaages					
1.35	Net Tonnage:			325 T	
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			966 T	N/A
1.37	Suez Canal Tonnage – Gross (SCGT)/Net (SCNT):			N/A	N/A
1.38	Panama Canal Net Tonnage (PCNT):			N/A	
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	0.45 Metres	4.05 Metres	1224.3 Metric Tonnes	2062.7 Metric Tonnes
	Winter:	-Metres	-Metres	-Metric Tonnes	-Metric Tonnes
	Tropical:	1.56Metres	-Metres	-Metric Tonnes	-Metric Tonnes
	Lightship:	2.30 Metres	2.2 Metres	0 Metric Tonnes	1184.6 Metric Tonnes
	Normal Ballast Condition:	2.10 Metres	2.4 Metres	458.4 Metric Tonnes	1296.7 Metric Tonnes
	Segregated Ballast Condition:	Metres	Metres	Metric Tonnes	Metres
1.40	FWA/TPC at summer draft:			87.60 Millimetres	5.88 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:			No	
1.42	Constant (excluding fresh water):			22.0 MetricTonnes	
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?			Minimum 0.6 Metres	
1.44	What is the max height of mast above waterline (air draft)			Full Mast	Collapsed Mast
	Summer deadweight:			20.8 Metres	N/A Metres
	Normal ballast:			22.9 Metres	N/A Metres
	Lightship:			23.1 Metres	N/A Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	05/10/2021	05/09/2022	N/A	02/09/2026
2.2	Safety Radio Certificate (SRC):	05/10/2021	05/09/2022	N/A	02/09/2026
2.3	Safety Construction Certificate (SCC):	05/10/2021	05/09/2022	N/A	02/09/2026
2.4	International Loadline Certificate (ILC):	05/10/2021	05/09/2022	N/A	02/09/2026
2.5	International Oil Pollution Prevention Certificate (IOPPC):	05/10/2021	05/09/2022	N/A	02/09/2026
2.6	International Ship Security Certificate (ISSC):	N/A	N/A	N/A	N/A
2.7	Maritime Labour Certificate (MLC):	N/A	N/A	N/A	N/A
2.8	ISM Safety Management Certificate (SMC):	05/10/2021	-	N/A	04/10/2026
2.9	Document of Compliance (DOC):	09/02/2022	08/05/2023	N/A	15/02/2027
2.10	USCG Certificate of Compliance (USCGCOC):	N/A	N/A	N/A	N/A
2.11	Civil Liability Convention (CLC) 1992 Certificate:	N/A	N/A	N/A	N/A
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	N/A	N/A	N/A	N/A
2.13	Liability for the Removal of Wrecks Certificate (WRC):	N/A	N/A	N/A	N/A
2.14	U.S. Certificate of Financial Responsibility (COFR):	N/A	N/A	N/A	N/A
2.15	Certificate of Class (COC):	N/A	N/A	N/A	N/A
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	N/A	N/A	N/A	N/A
2.17	Certificate of Fitness (COF):	N/A	N/A	N/A	N/A
2.18	International Energy Efficiency Certificate (IEEC):	N/A	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	N/A	N/A	N/A	N/A

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)?			N/A
2.23	ITF Blue Card expiry date (if applicable):			N/A

3.	CREW			
3.1	Nationality of Master:		THAI	
3.2	Number and nationality of Officers:	8	THAI	
3.3	Number and nationality of Crew:	9	THAI	
3.4	What is the common working language onboard:		THAI	
3.5	Do officers speak and understand English?		Yes	
3.6	If Officers/ratings employed by a manning agency – Full style:	N/A		N/A

4.	FOR USA CALLS		
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter?		N/A
4.2	Qualified individual (QI) – Full style:	N/A	
4.3	Oil Spill Response Organization (OSRO) – Full style:	N/A	
4.4	Salvage and Marine Firefighting Services (SMFF) – Full Style:	N/A	

5.	SAFETY/HELICOPTER	
5.1	Is the vessel operated under a Quality Management System? If Yes, what type of system? (ISO9001 or IMO Resolution A.741(18) as amended):	Yes ISO9001 & IMO Resolution A.741(18)
5.2	Can the ship comply with the ICS Helicopter Guidelines?	No
5.2.1	If Yes, state whether winching or landing area provided:	N/A
5.2.2	If Yes, what is the diameter of the circle provided:	N/A

6.	COATING/ANODES				
6.1	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	n/a	n/a		
	Ballast tanks:	Yes	Epoxy		
	Slop tanks:	n/a	n/a		

7.	BALLAST				
7.1	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	1	centrifugal self-absorbing pump	50M3/h	
	Ballast Eductors:	-	-	-	-

8.	CARGO				
Double Hull Vessels					
8.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:			Yes, Solid	
Cargo Tank Capacities					
8.2	Number of cargo tanks and total cubic capacity (98%):			8	1215.67 Cu. Metres
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):			1P: 108.57 CuM, 1S:108.57 CuM 2P: 167.02 CuM, 2S:167.02 CuM 3P: 168.02 CuM, 3S:168.02 CuM 4P: 164.03 CuM, 4S:164.03 CuM	
8.3	Number of slop tanks and total cubic capacity (98%):			N/A	1215.29 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:			N/A	
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:			N/A	Cu. Metres
SBT Vessels					
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?			310.31 Cu. Metres	
8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:			Yes	
Cargo Handling and Pumping Systems					
8.4	How many grades/products can vessel load/discharge with double valve segregation:			1	
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:			No	
8.6	Max loading rate for homogenous cargo			With VECS	Without VECS
	Loaded per manifold connection:			-	500cu.m3/ Hour
	Loaded simultaneously through all manifolds:			-	-
Cargo Control Room					
8.7	Is ship fitted with a Cargo Control Room (CCR)?			No	
8.8	Can tank innage/ullage be read from the CCR?			No	

Gauging and Sampling					
8.9	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:			n/a	
	What type of fixed closed tank gauging system is fitted:			n/a	
	Are high level alarms fitted to the cargo tanks? If Yes, indicate whether to all tanks or partial:			n/a	
8.9.1	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?			n/a	
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:			n/a	
8.10	Number of portable gauging units (example- MMC) on board:			n/a	
Vapor Emission Control System (VECS)					
8.11	Is a Vapour Emission Control System (VECS) fitted?			Yes	
8.12	Number/size of VECS manifolds (per side):		1	200 mm	
8.13	Number/size/type of VECS reducers:		2/150		
Venting					
8.14	State what type of venting system is fitted:			Pipe line / Mast riser	
Cargo Manifolds and Reducers					
8.15	Total number/size of cargo manifold connections on each side:			1/200 Millimeters	
8.16	What type of valves are fitted at manifold:			Gate valve	
8.17	What is the material/rating of the manifold:			Mild Steel	
8.17.1	Does vessel comply with the latest edition of the OCIMF ‘Recommendations for Oil Tanker Manifolds and Associated Equipment’?			Yes	
8.18	Distance between cargo manifold centers:			-	
8.19	Distance ships rail to manifold:			800 Millimeter	
8.20	Distance manifold to ships side:			1,400 Millimeter	
8.21	Top of rail to center of manifold:			940 Millimeter	
8.22	Distance main deck to center of manifold:			1005 Millimeter	
8.23	Spill tank grating to center of manifold:			200 Millimeter	
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:		3.105 Meters	1.455 Meters	
8.25	Number/size/type of reducers:		3 / 6", 8"		
8.26	Is vessel fitted with a stern manifold? If yes, state size:			No, N/A	
Heating					
8.27	Cargo/slop tanks fitted with a cargo heating system?		Type	Coiled	Material
	Cargo Tanks:		Thermal oil	Yes	Steel
	Slop Tanks:		Thermal oil	Yes	Steel
8.28	Maximum temperature cargo can be loaded/maintained:			220 degree c	
8.28.1	Minimum temperature cargo can be loaded/maintained:			100 degree c	
Inert Gas and Crude Oil Washing					
8.29	Is an Inert Gas System (IGS) fitted/operational?			No	
8.29.1	Is a Crude Oil Washing (COW) installation fitted/operational?			No	
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:			No	
Cargo Pumps					
8.31	How many cargo pumps can be run simultaneously at full capacity:			2	
8.32	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Cargo Pumps:	2	Gear Pump	300M3/h	
	Cargo Eductors:				
	Stripping:				
8.33	Is at least one emergency portable cargo pump provided?			Yes	

9.	MOORING					
9.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	n/a				
	Main deck fwd:	n/a				
	Main deck aft:	n/a				
	Poop deck:	n/a				
9.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	n/a				
	Main deck fwd:	n/a				
	Main deck aft:	n/a				
	Poop deck:	n/a				
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	48 mm	Polypropylene	200m	40 Metric Tons
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	4	48 mm	Polypropylene	200m	40 Metric Tons
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	2	48 mm	Polypropylene	200m	40 Metric Tons
	Main deck fwd:	-				
	Main deck aft:	-				
	Poop deck:	2	48 mm	Polypropylene	200m	40 Metric Tons
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	2	Hydraulic	22.35 T	DISC Brake
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	2	2	Hydraulic	22.35 T	DISC Brake
9.6	Bitts, closed chocks/fairleads		No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		4	40 MT		
	Main deck fwd:		2	40 MT		
	Main deck aft:		2	40 MT		
	Poop deck:		4	40 MT	4	25 T
Anchors/Emergency Towing System						
9.7	Number of shackles on port/starboard cable:				8/8	
9.8	Type/SWL of Emergency Towing system forward:				Fairlead roller	37 T
9.9	Type/SWL of Emergency Towing system aft:				Close Chocks	40 T
Escort Tug						
9.10	What is size/SWL of closed chock and/or fairleads of enclosed type on stern:				30 mm	37 T
9.11	What is SWL of bollard on poop deck suitable for escort tug:				40 T	
Lifting Equipment/Gangway						
9.12	Derrick/Crane description (Number, SWL and location):				NO	
9.13	Accommodation ladder direction:				N/A	
	Does vessel have a portable gangway? If yes, state length:				N/A	
Single Point Mooring (SPM) Equipment						
9.14	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	
9.15	If fitted, how many chain stoppers:				N/A	
9.16	State type/SWL of chain stopper(s):				N/A	N/A
9.17	What is the maximum size chain diameter the bow stopper(s) can handle:				N/A	
9.18	Distance between the bow fairlead and chain stopper/bracket:				N/A	
9.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:				N/A	

10.	PROPULSION		
10.1	Speed	Maximum	Economical
	Ballast speed:	11	9
	Laden speed:	10	8
10.2	What type of fuel is used for main propulsion/generating plant:	MFO	MDO
10.3	Type/Capacity of bunker tanks:	1. MFO 66.06 mt 2. MDO 28.21 mt	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):		
10.5	Engines	No	Capacity
	Main engine:	1	1800 PS
	Aux engine:	3	180PS x 2
	Power packs:		
	Boilers:		
Bow/Stern Thruster			
10.6	What is brake horse power of bow thruster (if fitted):	No, 0 bhp	
10.7	What is brake horse power of stern thruster (if fitted):	No, 0 bhp	
Emissions			
10.8	Main engine IMO Nox emission standard:	Tier II D2: 8.84g/kWh / E3: 8.79g/kWh	
10.9	Energy Efficiency Design Index (EEDI) rating number:		

11.	SHIP TO SHIP TRANSFER	
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquefied Gas, as applicable)?	Yes
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:	- Metres
11.3	Date/place of last STS operation:	-

12.	RECENT OPERATIONAL HISTORY.	
12.1	Last three cargoes/charterers/voyages (Last/2 nd Last/3 rd Last):	BITUMEN / BITUMEN / BITUMEN
12.2	Has vessel been involved in a pollution, grounding, serious casualty, unscheduled repair or collision incident during the past 12 months? If yes, provide details:	No
12.3	Date and place of last Port State Control inspection:	N/A
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No
12.5	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.	SHELL, PTT Group
12.6	Date/Place of last SIRE inspection: (BIQ - PTT)	28 May 2023 (THAI OIL No. 4)
12.7	Additional information relating to features of the ship or operational characteristics:	

Revised 2018 ([INTERTANKO/Q88.com](http://www.q88.com/integration.aspx))

Form completed on <http://www.q88.com/integration.aspx> Please email support@q88.com an updated copy if this is not the latest version.