

INTERTANKO'S STANDARD TANKER
CHARTERING QUESTIONNAIRE 88 (Q88)

Version 3

21 June, 2011

1	VESSEL DESCRIPTION		
1.1	Date updated	14 April, 2011	
1.2	Vessel's Name	Arsenal	
1.3	IMO Number	7620964	
1.4	Vessel's previous name(s) and date(s) of change	Hai Yang	
1.5	Date Delivered	1976 / Japan	
1.6	Builder (where built)	Kochi Juko Co. Ltd, Japan	
1.7	Flag	Singapore	
1.8	Port of Registry	Singapore	
1.9	Call Sign	9V3684	
1.10	Vessel's SATCOM phone number	N.A.	
	Vessel's FAX Number	None	
	Vessel's Email Address	None	
1.11	Type of Vessel	Product Oil Tanker	
1.12	Type of Hull	Single Hull	
CLASSIFICATION			
1.13	Classification Society	LR	
1.14	Class Notation	100A1 oil Tanker with Flash point above 60 C, Coastal Services w/in 30 mile	
1.15	If Classification society changed, name of previous society	no	
1.16	If Classification Society changed, date of changed	no	
1.17	IMO Type, if applicable	N.A.	
1.18	Does the vessel have ICE Class? If yes, state what level	N.A.	
1.19	Date / Place of last drydock	12 Jul, 2010	Singapore
1.20	Date next dry dock due	Jul. 2012	
1.21	Date of last special survey / next survey due		01-Jul-11
1.22	Date of last annual survey	27 Jul, 2010	
1.23	If ship has Condition Assessment Program (CAP), what is the latest overall rating	N.A.	
1.24	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?	N.A.	
Dimensions			
1.25	Length Over All (LOA)	71.13 mtrs	
1.26	Length Between Perpendiculars (LBP)	65.03 mtrs	
1.27	Extreme Breadth (Beam)	11.00 mtrs	
1.28	Moulded Depth	5.00 mtrs	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable)	20.00 mtrs	N.A.
1.30	Bow to Center Manifold (BCM)/ Stern to Center Manifold (SCM)	37.5 mtrs	33.63 mtrs
1.31	Distance bridge front to centrr of manifold		
1.32	Parallel body distance	Lightship	Normal Ballast Summer DWT
	Forward to mid-point manifold	37.5 mtrs	
	Aft to mid-point manifold		
	Parallel body length	27.0 mtrs	31.0 mtrs
1.33	FWA at summer draft / TPC immersion at summer draft	90.0 mm	6.160 tonnes

1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship	18 mtrs	
	Normal Ballast	16.8 mtrs	
	At Loaded Summer Deadweight	14.65 mtrs	

Tonnages

1.35	Net Tonnage	552.00 tonnes
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable)	924.00 tonnes
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT)	N.A.
1.38	Panama Canal Net Tonnage (PCNT)	N.A.,.

Loadline Information

1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer	650 mm	4.372 mtrs	1621.13 tonnes	2511.26 tonnes
	Winter				
	Tropical				
	Lightship				678.87 tonnes
	Normal Ballast Condition	mm	mtrs	tonnes	tonnes
1.40	Does vessel have multiple SDWT?	no			
1.41	If yes, what is the maximum assigned deadweight?				

Ownership and Operation

1.42	Registered Owner - full style	Tomiura Nippon Chartering pte ltd 1 Commonwealth Lane #06-01/02 One Commonwealth Singapore 149544
1.43	Technical Operator - Full style	Transocean Oil Pte Ltd 1 Commonwealth Lane #06-01/02 One Commonwealth Singapore 149544
1.44	Commercial Operator - Full Style	
1.45	Disponent Owner - full style	N.A.

2	CERTIFICATION	Issued	Last Annual	Expires
2.1	Safety Equipment Certificate	4 Mar, 2010		03-Mar-12
2.2	Safety Radio Certificate	06-Oct-10	06-Oct-10	20-Oct-15
2.3	Safety Construction Certificate	11-Jul-07	24-May-11	29-Jul-12
2.4	Loadline Certificate	18-Feb-09	24-May-11	29-Apr-12
2.5	International Oil Pollution Prevention Certificate	12-Mar-07	24-May-11	11-Mar-12
2.6	Safety Management Certificate (SMC)	12-Jul-07		03-Jul-12
2.7	Document of Compliance (DOC)	08-un-07	13-07-10	19-Apr-12
2.8	USCG (specify: COC, LOC or COI) LOC	N.A.	N.A.	N.A.
2.9	Civil Liability Convention Certificate (CLC)	not applicable to vessels carrying less than 2000 tons of oil cargo.		
2.10	CLC for Bunker Oil Pollution Damage Convention Certificate (CLBC)			
2.11	US Certificate of Financial Responsibility (COFR)	N.A.	N.A.	N.A.
2.12	Certificate of Fitness (Chemical)	N.A.	N.A.	N.A.
2.13	Certificate of Fitness (Gas)	N.A.	N.A.	N.A.
2.14	Certificate of Class	29-Jun-07	24-May-11	29-Apr-12
2.15	International Ship Security Certificate (ISSC)	29-Jan-09		17-Dec-13
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	N.A		N.A.
2.17	Singapore Air Pollution Prevention Certificate (SAPP)			

Documentation		
2.18	Does vessel have all updated publications as listed in the vessel Inspection Questionnaire, Chapter 2- Question no. 2.24, as applicable	Yes
2.19	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract	Yes
3 CREW AGREEMENT		
3.1	Nationality of Master	Indonesian
3.2	Nationality of Officers	Indonesian
3.3	Nationality of Crew	Indonesian
3.4	If Officers/Crew employed by a manning Agency - Full style	N.A.
3.5	What is the common working language onboard	English/Bahasa Indonesia
3.6	Do Officers speak and understand English	Yes
3.7	In case of Flag of Convenience, is the ITF Special Agreement on board	No
4 HELICOPTERS		
4.1	Can the ship comply with the ICS Helicopter Guidelines	N.A.
4.2	If yes, state whether winching or landing area provided	N.A.
5 FOR USA CALLS		
5.1	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.
5.2	Qualified individual (QI)- Full Style	N.A.
5.3	Oil Spill Response Organization (OSRO)- full style	N.A.
5.4	Has technical operator signed the SCIA / C-TPAT agreement with US custom concerning drug smuggling	N.A.
6 CARGO AND BALLAST HANDLING		
Double Hull Vessel		
6.1	Is vessel fitted with centerline bulkhead in all cargo tanks	N.A.
6.2	If yes, is bulkhead solid or perforated	N.A.
Cargo Tank Capacity		
6.3	Capacity (98%) of each natural segregation with double valve (specify tanks)	
6.4	Total cubic capacity (98%, excluding slop tank)	2154 m3
6.5	Slop tank(s) capacity (98%)	
6.6	residual/Retention oil tank(s) capacity (98%), if applicable	N.A.
6.7	Does vessel have Segregated Ballast Tank(s) (SBT) or Clean Ballast Tanks (CBT)	N.A.
SBT Vessels		
6.8	What is total capacity of SBT?	cu. Mtrs
6.9	What percentage of SDWT can vessel maintain with SBT only?	%
6.10	Does vessel meet the requirements of MARPOL Annex 1 Reg 18.2 (previously Reg 13.2)	
Cargo Handling		
6.11	How many grades/products can vessel load/discharge with double valve segregation	1
6.12	Maximum loading rate for homogenous cargo per manifold connection	

6.13	Maximum loading rate for homogenous cargo loading simultaneously through all manifolds			
6.14	Are there any cargo tank filling restrictions. If yes, please specify	no		
Pumping Systems				
6.15	Pumps	No.	Type	Capacity
	Cargo	2	Screw	400 m3/hr
	Stripping			
	Eductors			
	Ballast	1	centrifugal	100 m3/hr
6.16	How many cargo pumps can be run simultaneously at full capacity	2 units		
Cargo Control Room				
6.17	Is ship fitted with a Cargo Control Room (CCR)	Yes		
6.18	Can Tank innage / ullage be read from the CCR?	No		
Gauging and Sampling				
6.19	Can ship operate under closed conditions in accordance with ISGOTT	yes		
6.20	What type of fixed closed tank gauging system is fitted	manual sounding		
6.21	Are overfill (high-high) alarms fitted? If yes, indicate whether to all tanks or partial	fitted to all tanks		
Vapor and Emission Control				
6.22	Is vapor return system (VRS) fitted	N.A.		
6.23	Number/size of VRS manifolds (per side)	N.A. mm		
Venting				
6.24	State what type of venting system is fitted	common line		
Cargo Manifolds				
6.25	Does vessel comply with the latest edition of OCIMF Recommendations for Oil Tankers Manifolds and associated equipments	YES		
6.26	What is the number of cargo connections per side	2		
6.27	What is the size of cargo connection	200 mm		
6.28	What is the material of the manifold	CAST STEEL		
Manifold Arrangement				
6.29	Distance between Cargo manifold center			
6.30	Distance ship's rail to manifold	1600mm		
6.31	Distance manifold to ship's side	1680mm		
6.32	Top rail to centre of manifold			
6.33	Distance main deck to centre of manifold	1300 mm		
6.34	Manifold height above the water line in normal ballast / at SDWT condition			
6.35	Number / Size reducers	150 x 200, 200 x 300, 150 x 100 200 x 250, 150 x 75		
Cargo Handling				
6.36	Is vessel fitted with stern manifold?	NOT FITTED		
6.37	If stern manifold fitted, state size	NA		
6.38	Type of cargo heating system	NO		

6.39	If fitted, are all tanks coiled?				NA
6.40	If fitted, what is the material of the heating coils?				NA
6.41	Maximum temperature cargo can be loaded/maintained				NA
Tank Coating					
6.42	Are cargo, Ballast and slop tanks coated?	Coated	Type	Coat Extent	
	Cargo Tanks	no			
	Ballast Tanks	no			
	Slop Tanks	no			
6.43	If fitted, what type of anodes are used?				
7 INERT GAS AND CRUDE OIL WASHING					
7.1	Is an Inert Gas System (IGS) fitted?				NA
7.2	Is IGS supplied by flue gas, inert gas generator and or nitrogen				NA
7.3	Is a Crude Oil Washing (COW) installation fitted?				NA
8 MOORING					
8.1	Mooring wires (on drums)	No	Diameter	Material	Brkg Strenght
	Forecastle	N.A.			
	Main Deck fwd	N.A.			
	Main Deck aft	N.A.			
	Poop Deck	N.A.			
8.2	Wire Tails	No	Diameter	Material	Brkg Strenght
	Forecastle				
	Main Deck Fwd				
	Main Deck aft				
	Poop Deck				
8.3	Mooring Ropes (on Drums)	No	Diameter	Material	Brkg Strenght
	Forecastle	4	220mtr x 6 inch	PP	36 tonnes
	Main Deck fwd				
	Main Deck aft				
	Poop Deck	4	220m x 6 inch	PP	
8.4	Other Mooring Lines	No	Diameter	Material	Brkg Strenght
	Forecastle	2	220m x 6 inch	PP	36 tonnes
	Main Deck fwd				
	Main Deck Aft				
	Poop Deck	2	220m x 6 inch	PP	36 tonnes
8.5	Mooring Winches			No.	Brake Cap.
	Forecastle			2	27 tons
	Main Deck Fwd			NIL	x m/tons
	Main Deck Aft			NIL	x m/ton
	Poop Deck			2	27 tons
8.6	Mooring Bitts				SWL
	Forecastle				25 m/ton
	Main Deck fwd				x m/ton
	Main deck Aft				25 m/ton
	Poop Deck				25 m/ton
8.7	Closed chock and/or fairleads of enclosd type				SWL
	Forecastle			5/N,A.	27 m/ton
	Main Deck fwd			2/Nil	27 m/ton
	Main deck aft			1/nil	27 m/ton

	Poop Deck	4/N.A.	27 m/ton
Emergency Towing System			
8.8	Type/SWL of emergency Towing system forward		N.A.
8.9	Type/SWL of emergency towing system aft		N.A.
Anchor			
8.10	Number of Shackles		7 shackles
8.11	Number of shackles on starboard side		6 shackles
Escort Tug			
8.12	What is the SWL and size of closed chock and/or fairleads of enclosed type on stern		
8.13	What is SWL of bollard on poop deck suitable for escort tug		
Bow/Stern Thruster			
8.14	What is brake horse power of bow thruster?		
8.15	What is brake horse power of stern thruster?	N.A, BHP	KW
Single Point Mooring (SPM) Equipment			
8.16	Does vessel comply with the latest edition of OCIMF "recommendation for Equipment Employed in the mooring of vessels at Single Point Mooring (SPM)		NA
8.17	Is vessel fitted with chain stopper?		N.A.
8.18	How many chain stopper (s) fitted		N.A.
8.19	State type of chain stopper(s) fitted		NA
8.20	Safe working load (SWL) of chain stopper		NA
8.21	What is the minimum size chain diameter the bow stopper can handle		NA
8.22	Distance between the bow fairlead and chain stopper/bracket		mm
8.23	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not give detail		NA
Lifting Equipment			
8.24	Derricks/Crane description (Number, SWL and location)		1 x 0.9 tonnes
8.25	What is maximum outreach of cranes /derricks outboard of ship side		1.0 mtrs
Ship to Ship Transfer (STS)			
8.26	Does vessel comply with recommendations contained in OCIMF/ICS ship to Ship Transfer Guide (Petroleum or Liquefied Gas, as applicable)		YES
9 MISCELLANEOUS			
Engine Room			
9.1	What type of fuel is used for main propulsion?		MGO
9.2	What type of fuel is used for generating plant?		MGO
9.3	Capacity of bunker tanks IFO and MGO		m3
9.4	Is vessel fitted with fixed or controllable pitch propeller?		FIXED PROPELLER
Insurance			
9.5	P & I Club - Full Style	The Ship Owners Mutual Protection and Indemnity Association (luxembourg), 16 Rue Notre Dame L-2240, Luxembourg	
9.6	P & I Club Coverage - pollution liability coverage		Bunker Oil Pollution
Port State Control			
9.7	Date and place of last Port State Control Inspection		No
9.8	Any outstanding deficiencies as reported by any Ports State Control		No
9.9	If yes, provide details		N.A.

Recent Operational History	
9.10 Has vessel been involved in a pollution, grounding, serious casualty or collision incident during the past 12 months? If yes, full description	No
9.11 Last three cargoes /charterers/ voyages (last 2nd last 3rd)	MGO/MGO/MGO
Vetting	
9.12 Date / Place of last SIRE Inspection	09 May, 2009
9.13 Date /Place last CDI Inspection	N.A.
9.14 Recent Oil company Inspection/screening (To the best of owners knowledge and without guarantee of acceptance for future business)* <i>*Blanket "approvals" are no longer given by oil Majors and ships are accepted for the voyage on a case to case basis.</i>	Universal

Version 3 (INTERTANKO /Q88.Com)

