

1.	VESSEL DESCRIPTION		
1.1	Date updated:	Jan 09, 2014	
1.2	Vessel's name:	Bunga Banyan	
1.3	IMO number:	9458834	
1.4	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.5	Date delivered:	Jan 01, 2011	
1.6	Builder (where built):	SLS SHIPBUILDING CO., LTD.- Tong Yeong, South Korea	
1.7	Flag:	Malaysia	
1.8	Port of Registry:	PORT KELANG	
1.9	Call sign:	9MLO6	
1.10	Vessel's satcom phone number:	+870773157127, +6531585280, +6531585281	
	Vessel's fax number:	783 200 413	
	Vessel's telex number:	453301434 & 453301435	
	Vessel's email address:	master.bbanyan@miscbhd.amosconnect.com	
1.11	Type of vessel:	Chemical	
1.12	Type of hull:	Double Hull	
Classification			
1.13	Classification society:	American Bureau of Shipping	
1.14	Class notation:	+A1 DOUBLE HULL, CHEMICAL CARRIER, OIL CARRIER, E +AMS, +ACCU, VEC, AB-CM, CSR, GP, ESP, CRC, CPP, RW, RRDA, UWILD	
1.15	If Classification society changed, name of previous society:	N/A	
1.16	If Classification society changed, date of change:	Not Applicable	
1.17	IMO type, if applicable:	2	
1.18	Does the vessel have ice class? If yes, state what level:	No,	
1.19	Date / place of last dry-dock:	Dec 02, 2013	Cosco Zhoushan Shipyard Co. Ltd
1.20	Date next dry dock due	Dec 31, 2015	
1.21	Date of last special survey / next survey due:	Not Applicable	Dec 31, 2015
1.22	Date of last annual survey:	Dec 03, 2013	
1.23	If ship has Condition Assessment Program (CAP), what is the latest overall rating:		
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):	183 Metres	
1.26	Length Between Perpendiculars (LBP):	174 Metres	
1.27	Extreme breadth (Beam):	32.20 Metres	
1.28	Moulded depth:	18.90 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	46.20 Metres	
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	94.40 Metres	88.60 Metres
1.31	Distance bridge front to center of manifold:	53.40 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast Summer Dwt
	Forward to mid-point manifold:	42 Metres	43 Metres 43.50 Metres
	Aft to mid-point manifold:	52.80 Metres	55.20 Metres 62.30 Metres
	Parallel body length:	94.80 Metres	98.20 Metres 105.80 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	272 Millimetres	52.10 Metric Tonnes
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	43.35 Metres	0 Metres
	Normal ballast:	38.509 Metres	0 Metres
	At loaded summer deadweight:	34.035 Metres	0 Metres
Tonnages			

INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)

1.35	Net Tonnage:	11,608			
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	29,124	22,132		
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	30,644.91	26,236.82		
1.38	Panama Canal Net Tonnage (PCNT):	24,763			
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	6.764 Metres	12.1655 Metres	45,444.30 Metric Tonnes	56,610.80 Metric Tonnes
	Winter:	7.017 Metres	11.9125 Metres	44,126.80 Metric Tonnes	55,293.30 Metric Tonnes
	Tropical:	6.511 Metres	12.4185 Metres	46,764.60 Metric Tonnes	57,931.10 Metric Tonnes
	Lightship:	16.037 Metres	2.8503 Metres		11,166.50 Metric Tonnes
	Normal Ballast Condition:	11.209 Metres	7.691 Metres	22,750.90 Metric Tonnes	33,917.40 Metric Tonnes
1.40	Does vessel have multiple SDWT?	Yes			
1.41	If yes, what is the maximum assigned deadweight?	45,444.30 Metric Tonnes			
Ownership and Operation					
1.42	Registered owner - Full style:	MISC BERHAD LEVEL 25, MENARA DAYABUMI, JALAN SULTAN HISHAMUDDIN, 50050 KUALA LUMPUR, MALAYSIA Tel: +603 2273 8088 Fax: +603 2273 6602 Telex: NALINE MA 30418 & MA Email: vetting@miscbhd.com Web: www.misc.com.my Company IMO#: 0245275			
1.43	Technical operator - Full style:	MISC BERHAD LEVEL 20, MENARA DAYABUMI, JALAN SULTAN HISHAMUDDIN, 50050 KUALA LUMPUR, MALAYSIA Tel: +603 2273 8088 Fax: +603 2273 6602 Telex: NALINE MA 30418 & MA Email: vettingp@miscbhd.com Web: www.misc.com.my Company IMO#: 0245275			
1.44	Commercial operator - Full style:	MISC CHEMICAL BUSINESS UNIT LEVEL 25, MENARA DAYABUMI, JALAN SULTAN HISHAMUDDIN, 50050 KUALA LUMPUR, MALAYSIA Tel: +603 2275 2234 Fax: +603 2275 2024 Telex: NALINE MA 30418 / 32 Email: tankers@miscbhd.com Web: www.misc.com.my			
1.45	Disponent owner - Full style:	NA			

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Oct 14, 2012	Dec 03, 2013	Dec 31, 2015
2.2	Safety Radio Certificate:	Oct 14, 2012	Dec 03, 2013	Dec 31, 2015
2.3	Safety Construction Certificate:	Jan 01, 2011	Dec 03, 2013	Dec 31, 2015
2.4	Loadline Certificate:	Dec 03, 2013	Dec 03, 2013	Dec 31, 2015
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jan 01, 2011	Dec 03, 2013	Dec 31, 2015
2.6	Safety Management Certificate (SMC):	Jun 17, 2011	Dec 01, 2013	Jun 16, 2016
2.7	Document of Compliance (DOC):	Dec 06, 2012	Nov 21, 2013	Dec 19, 2017
2.8	USCG (specify: COC, LOC or COI): COC	Mar 06, 2013	Mar 06, 2013	Mar 06, 2015

INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)

2.9	Civil Liability Convention Certificate (CLC):	Jan 22, 2013		Feb 20, 2014
2.10	Civil Liability for Bunker Oil Pollution Damage Convention Certificate (CLBC):	Jan 23, 2013		Feb 20, 2014
2.11	U.S. Certificate of Financial Responsibility (COFR):	Dec 17, 2010		Dec 17, 2013
2.12	Certificate of Fitness (Chemicals):	Dec 06, 2012	Dec 03, 2013	Dec 31, 2015
2.13	Certificate of Fitness (Gas):	Not Applicable	Not Applicable	Not Applicable
2.14	Certificate of Class:	Mar 24, 2011	Dec 03, 2013	Dec 31, 2015
2.15	International Ship Security Certificate (ISSC):	Jun 17, 2011	Dec 01, 2013	Jun 16, 2016
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	Dec 03, 2013		Dec 31, 2015
2.17	International Air Pollution Prevention Certificate (IAPP):	Dec 27, 2011	Dec 03, 2013	Dec 31, 2015

Documentation

2.18	Does vessel have all updated publications as listed in the Vessel Inspection Questionnaire, Chapter 2- Question 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 MANAGEMENT		
3.1	Nationality of Master:	Filipino	
3.2	Nationality of Officers:	Malaysian, Filipino, Bangladeshi	
3.3	Nationality of Crew:	Malaysian, Filipino	
3.4	If Officers/Crew employed by a Manning Agency - Full style:	Officers: MISC BERHAD Level 25, Menara Dayabumi Jalan sultanHishamuddin 50050, Kuala Lumpur Malaysia Tel: +603 2273 8088 Fax: +603 2273 6602 Telex: Not Applicable Email: Not Applicable Crew: Not Applicable Not Applicable Tel: Not Applicable Fax: Not Applicable Telex: Not Applicable Email: Not Applicable	
3.5	What is the common working language onboard:	ENGLISH	
3.6	Do officers speak and understand English:	Yes	
3.7	In case of Flag Of Convenience, is the ITF Special Agreement on board:	N/A	

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:		

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:	Yes	
5.2	Qualified individual (QI) - Full style:	O'Brien's Response Management Inc. O'Brien's Response Management Inc. New Jersey Office 103 Morgan Lane, Suite 103 Plainsboro, NJ 08536, USA Tel: +1-985-781-0804 Fax: +1-985-781-0580 Telex: 49617361 OOPS UI Email: commandcenter@obriensrm.com	
5.3	Oil Spill Response Organization (OSRO) -Full style:	National Response Corporation (NRC) National Response Corporation (NRC) 3500 Sunrise Highway, Suite T103	

INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)

		Great River, NY 11739 USA Tel: +1-631-224-9141 Fax: +1-631-224-9086 Email: iocdo@nrcc.com
5.4	Has technical operator signed the SCIA / C-TPAT agreement with US customs concerning drug smuggling:	N/A

6. CARGO AND BALLAST HANDLING
Double Hull Vessels

6.1	Is vessel fitted with centerline bulkhead in all cargo tanks:	Yes
6.2	If Yes, is bulkhead solid or perforated:	Solid

Cargo Tank Capacities

6.3	Capacity (98%) of each natural segregation with double valve (specify tanks):	
6.4	Total cubic capacity (98%, excluding slop tanks):	50,681.968 Cu. Metres
6.5	Slop tank(s) capacity (98%):	1,752.436 Cu. Metres
6.6	Residual/Retention oil tank(s) capacity (98%), if applicable:	
6.7	Does vessel have Segregated Ballast Tanks (SBT) or Clean Ballast Tanks (CBT):	SBT

SBT Vessels

6.8	What is total capacity of SBT?	22,729.00 Cu. Metres
6.9	What percentage of SDWT can vessel maintain with SBT only:	51.20 %
6.10	Does vessel meet the requirements of MARPOL Annex I Reg 18.2: (previously Reg 13.2)	Yes

Cargo Handling

6.11	How many grades/products can vessel load/discharge with double valve segregation:	22
6.12	Maximum loading rate for homogenous cargo per manifold connection:	650 Cu. Metres/Hour
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:	3,000 Cu. Metres/Hour
6.14	Are there any cargo tank filling restrictions. If yes, please specify:	Yes 100% Filling for cargo having SG 1.025 - ALL CARGO TANKS INCLUDING SLOP TANKS; 100% Filling for cargo having SG 1.053 - 2P/S; 4P/S; 6P/S

Pumping Systems

6.15	Pumps:	No.	Type	Capacity
	Cargo:	12 8 2	SUBMERSIBLE, CENTRIFUGAL, FRAMO PUMPS SD200-6 DTHH200-C401 SUBMERSIBLE, CENTRIFUGAL, FRAMO PUMPS SD150-5 DTHH107-B309 SUBMERSIBLE, CENTRIFUGAL, HYDRAULIC FRAMO PUMPS SD150-5 DTHH107-B309	500 M3/HR 360 M3/HR 300 M3/HR
	Stripping:			
	Eductors:			
	Ballast:	2	SUBMERSIBLE, CENTRIFUGAL, FRAMO PUMPS SB300-4 MUHH168-A405	800 Cu. Metres/Hour
6.16	How many cargo pumps can be run simultaneously at full capacity:	6		

INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)

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:	Yes	
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:	TANK RADAR / HANLA	
6.21	Are overfill (high-high) alarms fitted? If Yes, indicate whether to all tanks or partial:	ALL	
Vapor Emission Control			
6.22	Is a vapor return system (VRS) fitted:	Yes	
6.23	Number/size of VRS manifolds (per side):	2	300 Millimetres
Venting			
6.24	State what type of venting system is fitted:	High Velocity Pressure / Vacuum valves	
Cargo Manifolds			
6.25	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment':	Yes	
6.26	What is the number of cargo connections per side:	22 (For common manifold: 1)	
6.27	What is the size of cargo connections:	150 Millimetres (For common Manifold: 400mm)	
6.28	What is the material of the manifold:	STAINLESS STEEL SUS 304	
Manifold Arrangement			
6.29	Distance between cargo manifold centers:	580 Millimetres	
6.30	Distance ships rail to manifold:	4,600 Millimetres	
6.31	Distance manifold to ships side:	4,600 Millimetres	
6.32	Top of rail to center of manifold:	1,350 Millimetres	
6.33	Distance main deck to center of manifold:	2,224 Millimetres	
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:	13.449 Metres	9.004 Metres
6.35	Number / size reducers:	2 x 150/200mm (6/8") 2 x 150/250mm (6/10") 1 x 300/400mm (12/16") 2 x 250/400mm (10/16")	
Stern Manifold			
6.36	Is vessel fitted with a stern manifold:	No	
6.37	If stern manifold fitted, state size:		
Cargo Heating			
6.38	Type of cargo heating system?	Steam	
6.39	If fitted, are all tanks coiled?	Yes	
6.40	If fitted, what is the material of the heating coils:	Stainless Steel	
6.41	Maximum temperature cargo can be loaded/maintained:	70.0 °C / 158.0 °F	66 °C / 150.8 °F
Tank Coating			
6.42	Are cargo, ballast and slop tanks coated?	Coated	Type To What Extent
	Cargo tanks:	Yes	MARINELINE 784 FULLY COATED
	Ballast tanks:	Yes	CMP, EPOXY FULLY COATED
	Slop tanks:	Yes	MARINELINE 784 Whole Tank
6.43	If fitted, what type of anodes are used:	ZINC ANODES	

7. INERT GAS AND CRUDE OIL WASHING			
7.1	Is an Inert Gas System (IGS) fitted:	Yes	
7.2	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	IG Generator	
7.3	Is a Crude Oil Washing (COW) installation fitted:	N/A	

8. MOORING						
8.1	Mooring wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:			Not Applicable		

INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)

	Main deck fwd:			Not Applicable		
	Main deck aft:			Not Applicable		
	Poop deck:			Not Applicable		
8.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:			Not Applicable		
	Main deck fwd:			Not Applicable		
	Main deck aft:			Not Applicable		
	Poop deck:			Not Applicable		
8.3	Mooring ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	52 Millimetres	JETFLEX - POLYPROPYLENE & POLYESTER COMPOSITE	200 Metres	50.60 Metric Tonnes
	Main deck fwd:	2	52 Millimetres	JETFLEX - POLYPROPYLENE & POLYESTER COMPOSITE	200 Metres	50.60 Metric Tonnes
	Main deck aft:	2	52 Millimetres	JETFLEX - POLYPROPYLENE & POLYESTER COMPOSITE	200 Metres	50.60 Metric Tonnes
	Poop deck:	4	52 Millimetres	JETFLEX - POLYPROPYLENE & POLYESTER COMPOSITE	200 Metres	50.60 Metric Tonnes
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	2	52 Millimetres	JETFLEX - POLYPROPYLENE & POLYESTER COMPOSITE	200 Metres	50.60 Metric Tonnes
	Main deck fwd:			Not Applicable		
	Main deck aft:			Not Applicable		
	Poop deck:	2	52 Millimetres	JETFLEX - POLYPROPYLENE & POLYESTER COMPOSITE	200 Metres	50.60 Metric Tonnes
8.5	Mooring winches			No.	# Drums	Brake Capacity
	Forecastle:			2	Double Drums	40 Metric Tonnes
	Main deck fwd:			1	Double Drums	40 Metric Tonnes
	Main deck aft:			1	Double Drums	40 Metric Tonnes
	Poop deck:			2	Double Drums	40 Metric Tonnes
8.6	Mooring bitts			No.		SWL
	Forecastle:			4		(2x46T / 2x64T)
	Main deck fwd:			6		(2x46T / 4x51T)
	Main deck aft:			3		(2x46T / 1x51T)
	Poop deck:			6		(4x64T / 2x46T)
8.7	Closed chocks and/or fairleads of enclosed type			No.		SWL
	Forecastle:			10		(2 x 64 MT 4 x 51 MT 4 x 46 MT)
	Main deck fwd:			8		51 Metric Tonnes
	Main deck aft:			6		51 Metric Tonnes
	Poop deck:			14		(2 x 64 MT 8 x 51 MT 4 X 46 MT)
Emergency Towing System						
8.8	Type / SWL of Emergency Towing system forward:			TONGUE TYPE CHAIN STOPPER		200 Metric Tonnes
8.9	Type / SWL of Emergency Towing system aft:			ETS CHAIN STOPPER		200 Metric Tonnes
Anchors						

INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)

8.10	Number of shackles on port cable:	12
8.11	Number of shackles on starboard cable:	11
Escort Tug		
8.12	What is SWL and size of closed chock and/or fairleads of enclosed type on stern:	64 Metric Tonnes 600 X 450
8.13	What is SWL of bollard on poopdeck suitable for escort tug:	64 Metric Tonnes
Bow/Stern Thruster		
8.14	What is brake horse power of bow thruster (if fitted):	0 Kilowatt
8.15	What is brake horse power of stern thruster (if fitted):	0 Kilowatt
Single Point Mooring (SPM) Equipment		
8.16	Does vessel comply with the latest edition of OCIMF 'Recommendations for Equipment Employed in the Mooring of Vessels at Single Point Moorings (SPM)':	Yes
8.17	Is vessel fitted with chain stopper(s):	Yes
8.18	How many chain stopper(s) are fitted:	1
8.19	State type of chain stopper(s) fitted:	CHAFFING CHAIN
8.20	Safe Working Load (SWL) of chain stopper(s):	200 Metric Tonnes
8.21	What is the maximum size chain diameter the bow stopper(s) can handle:	91 Millimetres
8.22	Distance between the bow fairlead and chain stopper/bracket:	3,400 Millimetres
8.23	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:	Yes Not Applicable
Lifting Equipment		
8.24	Derrick / Crane description (Number, SWL and location):	Cranes: 1 x 10 Tonnes, Center
8.25	What is maximum outreach of cranes / derricks outboard of the ship's side:	4.50 Metres
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?	HFO 380 CST
9.2	What type of fuel is used in the generating plant?	HFO
9.3	Capacity of bunker tanks - IFO and MDO/MGO:	1,525.10 Cu. Metres 229.80 Cu. Metres 81.60 Cu. Metres
9.4	Is vessel fitted with fixed or controllable pitch propeller(s)?	Fixed Pitch

Insurance

9.5	P & I Club - Full Style:	UK CLUB Thomas Miller P&I Ltd 90, Fenchurch Street, London EC3M 4ST Tel: +44-20-72834646 Fax: +44-20-76219761 Email: underwriting.ukclub@thomasmiller.com Web: www.ukpandi.com
9.6	P & I Club coverage - pollution liability coverage:	1000000000 US\$

Port State Control

9.7	Date and place of last Port State Control inspection:	Nov 05, 2013 / Tianjin, China
9.8	Any outstanding deficiencies as reported by any Port State Control:	No
9.9	If yes, provide details:	Nil

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:	Pollution: No, NA Grounding: No, NA Serious casualty: No, Collision: No, NA
9.11	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	last CPO, KPO, RBD Strn 2ND - CDSBO 3rd - CPO, FATTY ACID,OLEIN

INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)

Vetting		
9.12	Date/Place of last SIRE Inspection:	Nov 03, 2013 / Tianjin, China
9.13	Date/Place of last CDI Inspection:	Mar 20, 2013 / Quincy Maas, USA
9.14	Recent Oil company inspections/screenings (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 by case basis.</i>	

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To the best of owners knowledge all information is true and given without any guarantee.