

<b>1.</b>	<b>VESSEL DESCRIPTION</b>		
1.1	Date updated:	Jan 31, 2018	
1.2	Vessel's name:	MTM Houston	
1.3	IMO number:	9505924	
1.4	Vessel's previous name(s) and date(s) of change:	Golden Marine (Nov 14, 2011)	
1.5	Date delivered:	Apr 19, 2010	
1.6	Builder (where built):	Fukuoka Ship Building Co., Ltd.	
1.7	Flag:	Singapore	
1.8	Port of Registry:	Singapore	
1.9	Call sign:	9V9704	
1.10	Vessel's satcom phone number:	+904 414 8660 /+88 1677754538 /+904 414 8653	
	Vessel's fax number:	765092641	
	Vessel's telex number:	456630610	
	Vessel's email address:	<a href="mailto:master@houston.cruisecontrolmail.com">master@houston.cruisecontrolmail.com</a>	
1.11	Type of vessel:	Chemical	
1.12	Type of hull:	Double Hull	
<b>Classification</b>			
1.13	Classification society:	Nippon Kaiji Kyokai	
1.14	Class notation:	NS* (Tanker, Oils-Flashpoint on and below 60degC and Chemicals Type II & III) (ESP) MNS*	
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:	2,3	
1.18	Does the vessel have ice class? If yes, state what level:	N/A, N/A	
1.19	Date / place of last dry-dock:	Dec 22, 2017	Shanghai
1.20	Date next dry dock due	Apr 18, 2020	
1.21	Date of last special survey / next survey due:	Apr 07, 2015	Apr 18, 2020
1.22	Date of last annual survey:	Feb 26, 2017	
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 Not Applicable	
<b>Dimensions</b>			
1.25	Length Over All (LOA):	144.03 Metres	
1.26	Length Between Perpendiculars (LBP):	136.00 Metres	
1.27	Extreme breadth (Beam):	24.20 Metres	
1.28	Moulded depth:	12.80 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	37.10 Metres	
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	72.03 Metres	72.00 Metres
1.31	Distance bridge front to center of manifold:	43.20 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast
	Forward to mid-point manifold:	24.093 Metres	30.981 Metres
	Aft to mid-point manifold:	23.874 Metres	29.528 Metres
	Parallel body length:	47.967 Metres	60.509 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	212 Millimetres	29.80 Metric Tonnes
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	34.614 Metres	0 Metres
	Normal ballast:	31.16 Metres	0 Metres
	At loaded summer deadweight:	27.48 Metres	0 Metres
<b>Tonnages</b>			
1.35	Net Tonnage:	6,365	
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	11,668	9,467
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	12,165.67	10,552.93

**INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)**

1.38	Panama Canal Net Tonnage (PCNT):					9,818
<b>Loadline Information</b>						
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement	
	Summer:	3.215 Metres	9.6205 Metres	19,741.07 Metric Tonnes	25,270.09 Metric Tonnes	
	Winter:	3.415 Metres	9.4205 Metres	19,146.70 Metric Tonnes	24,675.72 Metric Tonnes	
	Tropical:	3.015 Metres	9.8205 Metres	20,338.52 Metric Tonnes	25,867.54 Metric Tonnes	
	Lightship:	10.314 Metres	2.486 Metres		5,529.02 Metric Tonnes	
	Normal Ballast Condition:	7.038 Metres	5.763 Metres	8,680 Metric Tonnes	14,160 Metric Tonnes	
1.40	Does vessel have multiple SDWT?			No		
1.41	If yes, what is the maximum assigned deadweight?					
<b>Ownership and Operation</b>						
1.42	Registered owner - Full style:			MTM Houston Pte Ltd 78 Shenton Way, #29-02, Singapore 079120 Tel: +65 6221 2255 Fax: +65 6221 2277 Email: operations@mtmm.sg Company IMO#: 5639463		
1.43	Technical operator - Full style:			M.T.M. Ship Management Pte. Ltd. 78 Shenton Way, #13-01, Singapore 079120 Tel: +65 6304 1770 Fax: +65 6220 7988 Email: marine@mtmsm.com Company IMO#: 1314037		
1.44	Commercial operator - Full style:			M.T. Maritime Management (USA) LLC 2960 Post Road   Southport, CT 06890, USA Tel: +1 203 226-7882 Fax: +1 203 226-8934 Telex: Not Applicable Email: operations@mtmaritime.com Web: www.mtmaritime.com		
1.45	Disponent owner - Full style:			MTM Trading LLC Trust Company Complex, Ajeltake Island, Ajeltake Road, Majuro, Marshall Islands MH 96960		

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Aug 29, 2016	Feb 26, 2017	Apr 18, 2020
2.2	Safety Radio Certificate:	Apr 30, 2015	Feb 26, 2017	Apr 18, 2020
2.3	Safety Construction Certificate:	Apr 30, 2015	Feb 26, 2017	Apr 18, 2020
2.4	Loadline Certificate:	Apr 30, 2015	Feb 26, 2017	Apr 18, 2020
2.5	International Oil Pollution Prevention Certificate (IOPPC):	May 18, 2017		Feb 25, 2022
2.6	Safety Management Certificate (SMC):	Mar 17, 2017		Apr 16, 2022
2.7	Document of Compliance (DOC):	Sep 02, 2016	Nov 22, 2017	Sep 16, 2021
2.8	USCG (specify: COC, LOC or COI): COC	Aug 07, 2015	Jul 18, 2016	Aug 07, 2017
2.9	Civil Liability Convention Certificate (CLC):	Jan 08, 2018		Feb 20, 2019
2.10	Civil Liability for Bunker Oil Pollution Damage Convention Certificate (CLBC):	Jan 05, 2018		Feb 20, 2019
2.11	U.S. Certificate of Financial Responsibility (COFR):	Nov 16, 2017		Nov 16, 2020
2.12	Certificate of Fitness (Chemicals):	May 18, 2017		Apr 18, 2020
2.13	Certificate of Fitness (Gas):	Not Applicable	Not Applicable	Not Applicable
2.14	Certificate of Class:	Apr 30, 2015		Apr 18, 2020

**INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)**

2.15	International Ship Security Certificate (ISSC):	Mar 17, 2017		Apr 15, 2022
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	Apr 30, 2015		Apr 18, 2020
2.17	International Air Pollution Prevention Certificate (IAPP):	Apr 30, 2015	Feb 26, 2017	Apr 18, 2020

**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:	Burmese
3.2	Nationality of Officers:	Burmese
3.3	Nationality of Crew:	Burmese
3.4	If Officers/Crew employed by a Manning Agency - Full style:	Officers: N/A, directly employed by technical operator. Crew: N/A, directly employed by technical operator.
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:	No
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:	ECM Maritime Services LLC 1 Selleck Street 5th Floor Suite 511 Norwalk CT 06855 USA Tel: 1 203 857 0444 Fax: 1 203 857 0428 Email: ecm@ecmmaritime.com Web: www.ecmmaritime.com
5.3	Oil Spill Response Organization (OSRO) -Full style:	National Response Corporation 3500, Sunrise Highway Suite T103 Great River, NY 11739 USA Tel: 1 800 899 4672 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):	Seg#1: 397.562(1P) Seg#2: 410.804 (1S) Seg#3: 469.763 (2P) Seg#4: 481.925 (2S) Seg#5: 338.049 (3P) Seg#6: 352.504 (3S) Seg#7: 1172.929 (4P) Seg#8: 1172.929(4S) Seg#9: 1141.353 (5P)
-----	---	--

**INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)**

		Seg#10:1155.769 (5S) Seg#11: 733.403 (6P) Seg#12: 746.661 (6S) Seg#13: 1063.143 (7P) Seg#14: 1076.536 (7S) Seg#15: 1392.841 (8P) Seg#16: 1406.045 (8S) Seg#17: 1145.252 (9P) Seg#18: 1159.681 (9S) Seg#19: 1144.123 (10P) Seg#20: 1158.546 (10S) Seg#21: 319.443 (11P) Seg#22: 330.808 (11S) Seg#23: 701.603 (12P) Seg#24: 714.848 (12S) Seg#25: 741.811 (13P) Seg#26: 741.811 (13S) (26 Natural Segregations with double valve.)		
6.4	Total cubic capacity (98%, excluding slop tanks):	21,670.155 Cu. Metres (slop tanks are also cargo tanks)		
6.5	Slop tank(s) capacity (98%):	0 Cu. Metres		
6.6	Residual/Retention oil tank(s) capacity (98%), if applicable:	52.587 Cu. Metres		
6.7	Does vessel have Segregated Ballast Tanks (SBT) or Clean Ballast Tanks (CBT):	SBT		
<b>SBT Vessels</b>				
6.8	What is total capacity of SBT?	6,921.85 Cu. Metres		
6.9	What percentage of SDWT can vessel maintain with SBT only:	35.90 %		
6.10	Does vessel meet the requirements of MARPOL Annex I Reg 18.2: (previously Reg 13.2)	Yes		
<b>Cargo Handling</b>				
6.11	How many grades/products can vessel load/discharge with double valve segregation:	26		
6.12	Maximum loading rate for homogenous cargo per manifold connection:	476 Cu. Metres/Hour		
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:	1,904 Cu. Metres/Hour		
6.14	Are there any cargo tank filling restrictions. If yes, please specify:	Yes As tank's DSG is 1.50		
<b>Pumping Systems</b>				
6.15	Pumps:	No.	Type	Capacity
	Cargo:	12 14	Centrifugal Centrifugal	300 M3/HR 200 M3/HR
	Stripping:			
	Eductors:			
	Ballast:	1	Positive Displacment	400 Cu. Metres/Hour
6.16	How many cargo pumps can be run simultaneously at full capacity:	4		
<b>Cargo Control Room</b>				
6.17	Is ship fitted with a Cargo Control Room (CCR):	Yes		
6.18	Can tank innage / ullage be read from the CCR:	Yes		
<b>Gauging and Sampling</b>				
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:	FLOAT (MUSASINO M-LMX)		
6.21	Are overfill (high-high) alarms fitted? If Yes, indicate whether to all tanks or partial:	All tanks		
<b>Vapor Emission Control</b>				
6.22	Is a vapor return system (VRS) fitted:	Yes		
6.23	Number/size of VRS manifolds (per side):	3	150 Millimetres	
<b>Venting</b>				
6.24	State what type of venting system is fitted:	Independent/High Velocity		
<b>Cargo Manifolds</b>				

**INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)**

6.25	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment':	N/A	
6.26	What is the number of cargo connections per side:	26	
6.27	What is the size of cargo connections:	150 Millimetres	
6.28	What is the material of the manifold:	SUS316L	
<b>Manifold Arrangement</b>			
6.29	Distance between cargo manifold centers:	400 Millimetres	
6.30	Distance ships rail to manifold:	4,350 Millimetres	
6.31	Distance manifold to ships side:	4,550 Millimetres	
6.32	Top of rail to center of manifold:	787 Millimetres	
6.33	Distance main deck to center of manifold:	2,750 Millimetres	
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:	9.802 Metres	5.984 Metres
6.35	Number / size reducers:	2 x 150/100mm (6/4") 2 x 150/125mm (6/5") 2 x 150/200mm (6/8") 1 x 150/250mm (6/10") 1 x 150/300mm (6/12")	

**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 Heating Coil
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:	

**Tank Coating**

6.42	Are cargo, ballast and slop tanks coated?	Coated	Type	To What Extent
	Cargo tanks:	No	Stainless Steel SUS316	
	Ballast tanks:	Yes	Epoxy	Whole Tank
	Slop tanks:	No	Stainless Steel SUS316	
6.43	If fitted, what type of anodes are used:	Zinc		

**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:	Nitrogen 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:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
8.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
8.3	Mooring ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	55 Millimetres	PP & Polyester	220 Metres	62 Metric Tonnes
	Main deck fwd:	4	55 Millimetres	PP & Polyester	220 Metres	62 Metric Tonnes
	Main deck aft:					
	Poop deck:					
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength

**INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)**

	Forecastle:	4	55 Millimetres	PP & Polyester	220 Metres	62 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	4	55 Millimetres	PP&POLYESTER	220 Metres	62 Metric Tonnes
8.5	Mooring winches			No.	# Drums	Brake Capacity
			Forecastle:	2	Double Drums	26.5 Metric Tonnes
			Main deck fwd:			
			Main deck aft:			
			Poop deck:	2	Double Drums	26.5 Metric Tonnes
8.6	Mooring bitts			No.		SWL
			Forecastle:	6		71.992 Metric Tonnes
			Main deck fwd:	6		13.256 Metric Tonnes
			Main deck aft:	4		13.256 Metric Tonnes
			Poop deck:	8		71.992 Metric Tonnes
8.7	Closed chocks and/or fairleads of enclosed type			No.		SWL
			Forecastle:	13		71.992 Metric Tonnes
			Main deck fwd:	6		60.163 Metric Tonnes
			Main deck aft:	4		17.131 Metric Tonnes
			Poop deck:	17		71.992 Metric Tonnes
<b>Emergency Towing System</b>						
8.8	Type / SWL of Emergency Towing system forward:			N/A		
8.9	Type / SWL of Emergency Towing system aft:					
<b>Anchors</b>						
8.10	Number of shackles on port cable:				10	
8.11	Number of shackles on starboard cable:				10	
<b>Escort Tug</b>						
8.12	What is SWL and size of closed chock and/or fairleads of enclosed type on stern:			110.945 Metric Tonnes	360X260	
8.13	What is SWL of bollard on poopdeck suitable for escort tug:				71.992 Metric Tonnes	
<b>Bow/Stern Thruster</b>						
8.14	What is brake horse power of bow thruster (if fitted):			871 bhp	649.50 Kilowatt	
8.15	What is brake horse power of stern thruster (if fitted):				0 Kilowatt	
<b>Single Point Mooring (SPM) Equipment</b>						
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)':				N/A	
8.17	Is vessel fitted with chain stopper(s):				N/A	
8.18	How many chain stopper(s) are fitted:			0		
8.19	State type of chain stopper(s) fitted:					
8.20	Safe Working Load (SWL) of chain stopper(s):					
8.21	What is the maximum size chain diameter the bow stopper(s) can handle:					
8.22	Distance between the bow fairlead and chain stopper/bracket:					
8.23	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:				N/A	
<b>Lifting Equipment</b>						
8.24	Derrick / Crane description (Number, SWL and location):				Cranes: 1 x 5 Tonnes, centre	
8.25	What is maximum outreach of cranes / derricks outboard of the ship's side:				2 Metres	
<b>Ship To Ship Transfer (STS)</b>						
8.26	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum or Liquefied Gas, as applicable):				N/A	

**9. MISCELLANEOUS**
**Engine Room**

9.1	What type of fuel is used for main propulsion?	IFO 380cst
9.2	What type of fuel is used in the generating plant?	IFO 380cst

**INTERTANKO'S STANDARD TANKER CHARTERING QUESTIONNAIRE 88 (Q88)**

9.3	Capacity of bunker tanks - IFO and MDO/MGO:	1,151.61 Cu. Metres	126.13 Cu. Metres 0 Cu. Metres
9.4	Is vessel fitted with fixed or controllable pitch propeller(s)?	Fixed Pitch	
<b>Insurance</b>			
9.5	P & I Club - Full Style:	NORTH OF ENGLAND The Quayside, Newcastle upon Tyne, NE13DU UK Tel: +44 1912325221 Fax: +44 1912610540 Email: general@nepia.com Web: www.nepia.com	
9.6	P & I Club coverage - pollution liability coverage:	1,000,000,000 US\$	
<b>Port State Control</b>			
9.7	Date and place of last Port State Control inspection:	Jul 13, 2017 / Gresik	
9.8	Any outstanding deficiencies as reported by any Port State Control:	No	
9.9	If yes, provide details:	n/a	
<b>Recent Operational History</b>			
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):	Private and Confidential as per Charter Party. Please contact owner for detail.	
<b>Vetting</b>			
9.12	Date/Place of last SIRE Inspection:	Jan 20, 2018 / Paradip	
9.13	Date/Place of last CDI Inspection:	Oct 30, 2015 / Callao	
9.14	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*:  <i>* "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.</i>	ENOC/ BHP / PHILLIPS66 / SHELL	

Version 3 ([www.Intertanko.com](http://www.Intertanko.com) / [www.Q88.com](http://www.Q88.com))Form completed on <http://www.q88.com/integration.aspx> Please email [support@q88.com](mailto:support@q88.com) an updated copy if this is not the latest version.

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