

1.	VESSEL DESCRIPTION		
1.1	Date updated:	Sep 01, 2010	
1.2	Vessel's name:	Manas	
1.3	IMO number:	9447055	
1.4	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.5	Date delivered:	Nov 25, 2008	
1.6	Builder (where built):	TERSAN TERSANECILIK	
1.7	Flag:	Malta	
1.8	Port of Registry:	VALLETTA	
1.9	Call sign:	9HTU9	
1.10	Vessel's satcom phone number:	00870764859888	
	Vessel's fax number:	00870764859889	
	Vessel's telex number:	424949810/11	
	Vessel's email address:	manas@gtships.com	
1.11	Type of vessel:	Chemical	
1.12	Type of hull:	Double Hull	
Classification			
1.13	Classification society:	Bureau Veritas	
1.14	Class notation:	I HULL MACH Oil tanker ESP; Chemical tanker ESP; unrestricted navigation, AVM-APS;AUT-UMS;AUT PORT;SYS-NEQ-1;MON-SHAFT;CLEANSHIP;ICECLASS IA;INWATER SURVEY;VCS;CARGOCONTROL;MANOV R;IG	
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:		
1.18	Does the vessel have ice class? If yes, state what level:		
1.19	Date / place of last dry-dock:	Not Applicable	NEW BUILDING-TUZLA
1.20	Date next dry dock due	Nov 25, 2013	
1.21	Date of last special survey / next survey due:	Not Applicable	Nov 25, 2013
1.22	Date of last annual survey:	Jan 25, 2010	
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):	131.85 Metres	
1.26	Length Between Perpendiculars (LBP):	124.21 Metres	
1.27	Extreme breadth (Beam):	18.9 Metres	
1.28	Moulded depth:	10.2 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	38.086 Metres	Metres
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	67.158 Metres	64.686 Metres
1.31	Distance bridge front to center of manifold:	38.5 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast Summer Dwt
	Forward to mid-point manifold:	22.314 Metres	28.24 Metres 32.53 Metres
	Aft to mid-point manifold:	8.71 Metres	16.57 Metres 23 Metres
	Parallel body length:	31.029 Metres	44.82 Metres 55.53 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	169 Millimetres	21.94 Metric Tonnes
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	35.566 Metres	0.0 Metres
	Normal ballast:	33.046 Metres	0.0 Metres
	At loaded summer deadweight:	30.106 Metres	0.0 Metres
Tonnages			

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1.35	Net Tonnage:	3,652			
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	7,260			
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	7,740.84	6,429.29		
1.38	Panama Canal Net Tonnage (PCNT):	6,151			
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.226 Metres	7.98 Metres	10,744 Metric Tonnes	14,808 Metric Tonnes
	Winter:	2.392 Metres	7.8 Metres	10,356,178 Metric Tonnes	14,419,178 Metric Tonnes
	Tropical:	2.06 Metres	8.14 Metres	11,083.27 Metric Tonnes	15,146.27 Metric Tonnes
	Lightship:	7.68 Metres	2.52 Metres		4,063 Metric Tonnes
	Normal Ballast Condition:	5.16 Metres	5.04 Metres	4,668.5 Metric Tonnes	8,731.5 Metric Tonnes
1.40	Does vessel have multiple SDWT?	No			
1.41	If yes, what is the maximum assigned deadweight?	Metric Tonnes			
Ownership and Operation					
1.42	Registered owner - Full style:	Manas Shipping Ltd. 198,OLD BAKERY STREET, VALETTA VLT,1455,MALTA Tel: 00902164472822 Fax: 00902164472826 Telex: Not Applicable Email: info@atlastanker.com.tr Web: www.atlastanker.com.tr Company IMO#: 5514200			
1.43	Technical operator - Full style:	ATLAS TANKER ISLETMECILIGI VE TICARET LIMITED SIRKETI EVLIYA CELEBI MAHALLESİ RAUF ORBAY CADDESİ AK İS MERKEZİ NO:33 KAT:2 TUZLA - İSTANBUL / TURKEY Tel: 90 216 447 28 22 Fax: 90 216 447 28 26 Telex: Not Applicable Email: info@atlastanker.com.tr Web: www.atlastanker.com.tr Company IMO#: 5514200			
1.44	Commercial operator - Full style:	ATLAS CHEMICAL TANKERS AS Atlas Chemical Tankers A.S P.O Box 864 Sentrum, 5807 Bergen-Norway Tel: (+47) 55 54 11 10 Telex: Not Applicable Email: ops.manas@actas.no			
1.45	Disponent owner - Full style:				

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Mar 02, 2009	Jan 25, 2010	Nov 25, 2013
2.2	Safety Radio Certificate:	Mar 02, 2009	Jan 25, 2010	Nov 25, 2013
2.3	Safety Construction Certificate:	Mar 02, 2009	Jan 25, 2010	Nov 25, 2013
2.4	Loadline Certificate:	Mar 02, 2009	Jan 25, 2010	Nov 25, 2013
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Mar 02, 2009	Jan 25, 2010	Nov 25, 2013
2.6	Safety Management Certificate (SMC):	May 28, 2010	Not Applicable	Nov 27, 2010
2.7	Document of Compliance (DOC):	Dec 21, 2009	Not Applicable	Oct 20, 2010
2.8	USCG (specify: COC, LOC or COI): LOC	Dec 22, 2009		Dec 22, 2011
2.9	Civil Liability Convention Certificate (CLC):	May 28, 2010		
2.10	Civil Liability for Bunker Oil Pollution Damage Convention Certificate (CLBC):			
2.11	U.S. Certificate of Financial Responsibility (COFR):	Not Applicable		Not Applicable

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2.12	Certificate of Fitness (Chemicals):	Mar 02, 2009		Nov 25, 2013
2.13	Certificate of Fitness (Gas):	Not Applicable		
2.14	Certificate of Class:	Mar 02, 2009	Jan 25, 2010	Nov 25, 2013
2.15	International Ship Security Certificate (ISSC):			Nov 27, 2010
2.16	International Sewage Pollution Prevention Certificate (ISPPC)			
2.17	International Air Pollution Prevention Certificate (IAPP):			

Documentation

2.18	Does vessel have all updated publications as listed in the Vessel Inspection Questionnaire, Chapter 2- Question 2.24, as applicable:	
2.19	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:	

3. CREW MANAGEMENT

3.1	Nationality of Master:	
3.2	Nationality of Officers:	Turkish
3.3	Nationality of Crew:	Turkish
3.4	If Officers/Crew employed by a Manning Agency - Full style:	Officers: Not Applicable Not Applicable Tel: Not Applicable Fax: Not Applicable 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:	
3.7	In case of Flag Of Convenience, is the ITF Special Agreement on board:	

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:	
5.3	Oil Spill Response Organization (OSRO) -Full style:	
5.4	Has technical operator signed the SCIA / C-TPAT agreement with US customs concerning drug smuggling:	

6. CARGO AND BALLAST HANDLING
Double Hull Vessels

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

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):	12,272.3 Cu. Metres

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6.5	Slop tank(s) capacity (98%):			411.531 Cu. Metres
6.6	Residual/Retention oil tank(s) capacity (98%), if applicable:			Cu. Metres
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?			4,553.3 Cu. Metres
6.9	What percentage of SDWT can vessel maintain with SBT only:			42.4
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:			
6.12	Maximum loading rate for homogenous cargo per manifold connection:			Cu. Metres/Hour
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:			1,200 Cu. Metres/Hour
6.14	Are there any cargo tank filling restrictions. If yes, please specify:			Yes max specific cargo gravity 1.54 t/cbm
Pumping Systems				
6.15	Pumps:	No.	Type	Capacity
	Cargo:	12 2	DEEPWELL, HAMWORTHY SWANEHOJ DEEPWELL, HAMWORTHY SWANEHOJ	300 M3/HR 100 M3/HR
	Stripping:			Cu. Metres/Hour
	Eductors:			Cu. Metres/Hour
	Ballast:	2		800 Cu. Metres/Hour
6.16	How many cargo pumps can be run simultaneously at full capacity:		7	
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:		Radar	
6.21	Are overfill (high-high) alarms fitted? If Yes, indicate whether to all tanks or partial:			
Vapor Emission Control				
6.22	Is a vapor return system (VRS) fitted:			Yes
6.23	Number/size of VRS manifolds (per side):			Millimetres
Venting				
6.24	State what type of venting system is fitted:			HIGH VELOCITY PV VALVES
Cargo Manifolds				
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:		14	
6.27	What is the size of cargo connections:			150
6.28	What is the material of the manifold:		ST ST	
Manifold Arrangement				
6.29	Distance between cargo manifold centers:			540 Millimetres
6.30	Distance ships rail to manifold:			4,800 Millimetres
6.31	Distance manifold to ships side:			4,980 Millimetres
6.32	Top of rail to center of manifold:			Millimetres
6.33	Distance main deck to center of manifold:			2,200 Millimetres
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:		7.22 Metres	4.42 Metres

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6.35	Number / size reducers:	3 x 200/150mm (8/6") 2 x 150/100mm (6/4") 1 x 300/150mm (12/6") 2 x 150/125mm (6/5") 2 x 300/200mm (12/8")
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Stern Manifold

6.36	Is vessel fitted with a stern manifold:	
6.37	If stern manifold fitted, state size:	Millimetres

Cargo Heating

6.38	Type of cargo heating system?	
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:	Yes	MARINE LINE	wholly
	Ballast tanks:	Yes	EPOXY	wholly
	Slop tanks:			
6.43	If fitted, what type of anodes are used:	ALIMINIUM		

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:		
7.3	Is a Crude Oil Washing (COW) installation fitted:	No	

8.	MOORING					
8.1	Mooring wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Main deck fwd:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Main deck aft:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Poop deck:		Millimetres	Not Applicable	Metres	Metric Tonnes
8.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Main deck fwd:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Main deck aft:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Poop deck:		Millimetres	Not Applicable	Metres	Metric Tonnes
8.3	Mooring ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	48 Millimetres	MIXED POLYPROPYLENE	220 Metres	43.6 Metric Tonnes
	Main deck fwd:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Main deck aft:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Poop deck:	4	48 Millimetres	MIXED POLYPROPYLENE	220 Metres	43.6 Metric Tonnes
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	2	48 Millimetres	MIXED POLYPROPYLENE	220 Metres	43.6 Metric Tonnes
	Main deck fwd:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Main deck aft:		Millimetres	Not Applicable	Metres	Metric Tonnes
	Poop deck:	2	48 Millimetres	MIXED POLYPROPYLENE	220 Metres	43.6 Metric Tonnes
8.5	Mooring winches	No.		# Drums		Brake Capacity
	Forecastle:	2		Double Drums		27.5 Metric Tonnes
	Main deck fwd:			N/A		Metric Tonnes
	Main deck aft:			N/A		Metric Tonnes
	Poop deck:	2		Double Drums		27.5 Metric Tonnes
8.6	Mooring bitts			No.		SWL

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	Forecastle:	7	Metric Tonnes
	Main deck fwd:	4	Metric Tonnes
	Main deck aft:	4	Metric Tonnes
	Poop deck:	6	Metric Tonnes
8.7	Closed chocks and/or fairleads of enclosed type	No.	SWL
	Forecastle:		Metric Tonnes
	Main deck fwd:		Metric Tonnes
	Main deck aft:		Metric Tonnes
	Poop deck:		Metric Tonnes
Emergency Towing System			
8.8	Type / SWL of Emergency Towing system forward:		Metric Tonnes
8.9	Type / SWL of Emergency Towing system aft:	Not Applicable	Metric Tonnes
Anchors			
8.10	Number of shackles on port cable:	9	
8.11	Number of shackles on starboard cable:	9	
Escort Tug			
8.12	What is SWL and size of closed chock and/or fairleads of enclosed type on stern:	50 Metric Tonnes	Not Applicable
8.13	What is SWL of bollard on poopdeck suitable for escort tug:		41 Metric Tonnes
Bow/Stern Thruster			
8.14	What is brake horse power of bow thruster (if fitted):	680 bhp	507.07 Kilowatt
8.15	What is brake horse power of stern thruster (if fitted):	bhp	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)':		N/A
8.17	Is vessel fitted with chain stopper(s):		No
8.18	How many chain stopper(s) are fitted:		
8.19	State type of chain stopper(s) fitted:		Not Applicable
8.20	Safe Working Load (SWL) of chain stopper(s):		Metric Tonnes
8.21	What is the maximum size chain diameter the bow stopper(s) can handle:		Millimetres
8.22	Distance between the bow fairlead and chain stopper/bracket:		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:		
Lifting Equipment			
8.24	Derrick / Crane description (Number, SWL and location):		Cranes: 1 x 5 Tonnes,
8.25	What is maximum outreach of cranes / derricks outboard of the ship's side:		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):		N/A

9. MISCELLANEOUS
Engine Room

9.1	What type of fuel is used for main propulsion?	380 cst Fuel Oil	
9.2	What type of fuel is used in the generating plant?	FUEL OIL	
9.3	Capacity of bunker tanks - IFO and MDO/MGO:	596.12 Cu. Metres	100.13 Cu. Metres 0 Cu. Metres
9.4	Is vessel fitted with fixed or controllable pitch propeller(s)?	Controllable Pitch	

Insurance

9.5	P & I Club - Full Style:	GARD	
9.6	P & I Club coverage - pollution liability coverage:		

Port State Control

9.7	Date and place of last Port State Control inspection:	/	
9.8	Any outstanding deficiencies as reported by any Port State Control:		

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9.9	If yes, provide details:	
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, Grounding: No , Serious casualty: , Collision: No ,
9.11	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	
Vetting		
9.12	Date/Place of last SIRE Inspection:	
9.13	Date/Place of last CDI Inspection:	
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>	CDI / SHELL / STATOILHYDRO / INEOS / BP

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