

1.	VESSEL DESCRIPTION		
1.1	Date updated:	June 01, 2011	
1.2	Vessel's name:	M.Y.Antarctic	
1.3	IMO number:	9428023	
1.4	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.5	Date delivered:	Jan 12, 2009	
1.6	Builder (where built):	STX SHIPBUILDING (KOREA)	
1.7	Flag:	Panama	
1.8	Port of Registry:	PANAMA	
1.9	Call sign:	3FSM8	
1.10	Vessel's satcom phone number:	764895042	
	Vessel's fax number:	764895044	
	Vessel's telex number:	435649410	
	Vessel's email address:	master@m.y.antarctic.bsmfleet.com	
1.11	Type of vessel:	Oil / Chemical	
1.12	Type of hull:	Double Hull	
Classification			
1.13	Classification society:	American Bureau of Shipping	
1.14	Class notation:	+A1 (E),OIL and CHEMICAL CARRIER,ESP (IMO TYPE 2 and 3),+AMS, +ACCU, POT, ES, VEC-L, UWILD, CPP, TCM, PORT, SPM	
1.15	If Classification society changed, name of previous society:	N/A	
1.16	If Classification society changed, date of change:	N/A	
1.17	IMO type, if applicable:	2,3	
1.18	Does the vessel have ice class? If yes, state what level:	N/A	
1.19	Date / place of last dry-dock:	N/A	Newbuilding
1.20	Date next dry dock due	Jan 11, 2012	
1.21	Date of last special survey / next survey due:	N/A	Jan 11, 2014
1.22	Date of last annual survey:	Apr 09, 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):	120 Metres	
1.26	Length Between Perpendiculars (LBP):	113.29 Metres	
1.27	Extreme breadth (Beam):	20.40 Metres	
1.28	Moulded depth:	11.90 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	36 Metres	-
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	61.40 Metres	58.60 Metres
1.31	Distance bridge front to center of manifold:	31.20 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast
	Forward to mid-point manifold:	25.40 Metres	28.80 Metres
	Aft to mid-point manifold:	20.63 Metres	33.90 Metres
	Parallel body length:	46.50 Metres	62.70 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	191 Millimetres	21.70 Metric Tonnes
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	33.80 Metres	0 Metres
	Normal ballast:	31.31 Metres	0 Metres
	At loaded summer deadweight:	27.35 Metres	0 Metres
Tonnages			
1.35	Net Tonnage:	3,725	
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	8,247	6,769
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	9,047.94	6,793.39

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1.38	Panama Canal Net Tonnage (PCNT):					6,974
Loadline Information						
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement	
	Summer:	3.261 Metres	8.65 Metres	12,919 Metric Tonnes	16,668 Metric Tonnes	
	Winter:	3.441 Metres	8.48 Metres	12,556 Metric Tonnes	16,304 Metric Tonnes	
	Tropical:	3.081 Metres	8.84 Metres	13,342 Metric Tonnes	17,090 Metric Tonnes	
	Lightship:	9.70 Metres	2.20 Metres		3,748 Metric Tonnes	
	Normal Ballast Condition:	7.21 Metres	4.69 Metres	4,750 Metric Tonnes	8,498 Metric 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:					CHEMICAL VENTURE SHIPPING LIMITED C/O N G Livanos Maritime Co. Ltd 47-49 Akti Miaouli Str. 18536 Piraeus, Greece Tel: +30 210 42 92920 Fax: +30 210 42 92924 Email: ngl@nglivanos.gr
1.43	Technical operator - Full style:					Bernhard Schulte Shipmanagement(HELLAS)SPLLC 6-8 Kifisias Avenue 151 25 Marousi, Athens, Greece Tel: + 30 210 6930330 Fax: +30 210 69 30 333 Email: gr-sdc@gr.bs-shipmanagement.com Company IMO#: 5280724
1.44	Commercial operator - Full style:					BENETECH SA POSIDONOS AVENUE 48, GLYFADA, ATHENS, GREECE Tel: +30 210 898 1190 Fax: +30 210 968 0965 Email: mail@benetech.gr Web: www.Benetech.gr
1.45	Disponent owner - Full style:					

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Feb 18, 2009	Apr 09, 2010	Jan 11, 2014
2.2	Safety Radio Certificate:	Jan 12, 2009	Apr 09, 2010	Jan 11, 2014
2.3	Safety Construction Certificate:	Jan 12, 2009	Apr 09, 2010	Jan 11, 2014
2.4	Loadline Certificate:	Jan 12, 2009	Apr 09, 2010	Jan 11, 2014
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jan 12, 2009	Apr 09, 2010	Jan 11, 2014
2.6	Safety Management Certificate (SMC):	Jul 01, 2009	Not Applicable	Jun 30, 2014
2.7	Document of Compliance (DOC):	May 05, 2009	Not Applicable	Aug 01, 2012
2.8	USCG (specify: COC, LOC or COI): COI	Apr 24, 2010		Apr 23, 2011
2.9	Civil Liability Convention Certificate (CLC):	Feb 20, 2011		Feb 20, 2012
2.10	Civil Liability for Bunker Oil Pollution Damage Convention Certificate (CLBC):	Feb 20, 2011		Feb 20, 2012
2.11	U.S. Certificate of Financial Responsibility (COFR):	Not Applicable		Not Applicable
2.12	Certificate of Fitness (Chemicals):	Jan 12, 2009	Apr 09, 2010	Jan 11, 2014
2.13	Certificate of Fitness (Gas):	Not Applicable		
2.14	Certificate of Class:	Apr 28, 2009	Apr 09, 2010	Jan 11, 2014
2.15	International Ship Security Certificate (ISSC):	Jul 02, 2009	Not Applicable	Jul 02, 2014
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	Jan 12, 2009		Jan 11, 2014
2.17	International Air Pollution Prevention Certificate (IAPP):	Jan 12, 2009	Not Applicable	Jan 11, 2014

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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:	Georgian
3.2	Nationality of Officers:	RUSSIAN, UKRAINIAN, FILIPINO
3.3	Nationality of Crew:	FILIPINO
3.4	If Officers/Crew employed by a Manning Agency - Full style:	Officers: BSM(HELLAS)SPLLC 6-8 KIFISIAS AVENUE 151 25 MAROUSI,ATHENS,GREECE Tel: +30 210 6930 330 Fax: +30 210 69 30 333 Email: gr-sdc@gr.bs-shipmanagement.com Crew: Same as above.
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:	Yes

4.	HELICOPTERS	
4.1	Can the ship comply with the ICS Helicopter Guidelines:	Yes
4.2	If Yes, state whether winching or landing area provided:	Winching

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:	O'BRIENS Tel: +9857810804
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:	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 corrugated
Cargo Tank Capacities		
6.3	Capacity (98%) of each natural segregation with double valve (specify tanks):	Seg#1: 2035.4 m3 (1P & 1S), Seg#2: 2589.7 m3 (2P & 2S), Seg#3: 2787.8 m3 (3P & 3S), Seg#4: 2790.6 m3 (4P & 4S), Seg#5: 2776.4 m3 (5P & 5S), Seg#6: 704.9 m3 (Slop P & Slop S)
6.4	Total cubic capacity (98%, excluding slop tanks):	12,969.70 Cu. Metres
6.5	Slop tank(s) capacity (98%):	705.03 Cu. Metres
6.6	Residual/Retention oil tank(s) capacity (98%), if applicable:	N/A
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?	5,024 Cu. Metres
6.9	What percentage of SDWT can vessel maintain with SBT only:	60 %
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	6

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	segregation:			
6.12	Maximum loading rate for homogenous cargo per manifold connection:			660 Cu. Metres/Hour
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:			1,160 Cu. Metres/Hour
6.14	Are there any cargo tank filling restrictions. If yes, please specify:			No
Pumping Systems				
6.15	Pumps:	No.	Type	Capacity
	Cargo:	12	Submerged FRAMO	10 X 300 M3/h 2 X 130 M3/HR 1 x70 M3/h(portable)
	Stripping:		N/A	
	Eductors:		N/A	
	Ballast:	2	Submerged FRAMO	250 Cu. Metres/Hour
6.16	How many cargo pumps can be run simultaneously at full capacity:			4
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:			All Tanks
Vapor Emission Control				
6.22	Is a vapor return system (VRS) fitted:			Yes
6.23	Number/size of VRS manifolds (per side):		2	150 Millimetres
Venting				
6.24	State what type of venting system is fitted:			CONTROLLED
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:			6
6.27	What is the size of cargo connections:			250 Millimetres
6.28	What is the material of the manifold:			SS
Manifold Arrangement				
6.29	Distance between cargo manifold centers:			900 Millimetres
6.30	Distance ships rail to manifold:			3,460 Millimetres
6.31	Distance manifold to ships side:			3,460 Millimetres
6.32	Top of rail to center of manifold:			540 Millimetres
6.33	Distance main deck to center of manifold:			1,840 Millimetres
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:		9.05 Metres	5.076 Metres
6.35	Number / size reducers:			1 x 200/250mm (8/10") 5 x 250/300mm (10/12") 1 x 250/350mm (10/14") 2 x 75/150mm (3/6")
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?			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:		66 deg C / 150 deg F	66 deg C / 150 deg F
Tank Coating				
6.42	Are cargo, ballast and slop tanks coated?	Coated	Type	To What Extent

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	Cargo tanks:	Yes	PHENOLIC EPOXY	Full coating
	Ballast tanks:	Yes	PHENOLIC EPOXY	Full coating
	Slop tanks:	Yes	PHENOLIC EPOXY	Full coating
6.43	If fitted, what type of anodes are used:	ZN AUB 555		

7.	INERT GAS AND CRUDE OIL WASHING			
7.1	Is an Inert Gas System (IGS) fitted:	No		
7.2	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	Nitrogen cylinders (padding)		
7.3	Is a Crude Oil Washing (COW) installation fitted:	Yes		

8.	MOORING					
8.1	Mooring wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:			Not Applicable		
	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	42 Millimetres	SUPERFLEX 8-STRAND ROPE	200 Metres	35 Metric Tonnes
	Main deck fwd:			Not Applicable		
	Main deck aft:			Not Applicable		
	Poop deck:	4	42 Millimetres	SUPERFLEX 8-STRAND ROPE	200 Metres	35 Metric Tonnes
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	50 Millimetres	POLYSTER & POLYPROPELENE MIXED	200 Metres	48 Metric Tonnes
	Main deck fwd:			Not Applicable		
	Main deck aft:			Not Applicable		
	Poop deck:	4	48 Millimetres	GARFIL MAXIMA 8-STRAND MULTI-PLAIT	220 Metres	41 Metric Tonnes
8.5	Mooring winches			No.	# Drums	Brake Capacity
	Forecastle:			2	DOUBLE	21 Metric Tonnes
	Main deck fwd:				N/A	
	Main deck aft:				N/A	
	Poop deck:			2	DOUBLE	21 Metric Tonnes
8.6	Mooring bitts				No.	SWL
	Forecastle:				4	33 Metric Tonnes
	Main deck fwd:				2	33 Metric Tonnes
	Main deck aft:				2	33 Metric Tonnes
	Poop deck:				8	33 Metric Tonnes
8.7	Closed chocks and/or fairleads of enclosed type				No.	SWL
	Forecastle:				3	46 Metric Tonnes (1X200, 2X46 TONF)
	Main deck fwd:				2	33 Metric Tonnes
	Main deck aft:				2	33 Metric Tonnes
	Poop deck:				3	46 Metric Tonnes (1X64, 2X46 TONF)
Emergency Towing System						
8.8	Type / SWL of Emergency Towing system forward:	KETA-45 F			203.90 Metric Tonnes	

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8.9	Type / SWL of Emergency Towing system aft:	Not Applicable	
Anchors			
8.10	Number of shackles on port cable:		11
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:	33 Metric Tonnes	Not Applicable
8.13	What is SWL of bollard on poopdeck suitable for escort tug:	33 Metric Tonnes	
Bow/Stern Thruster			
8.14	What is brake horse power of bow thruster (if fitted):	544 bhp	400 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:	Tongue type	
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:	76 Millimetres	
8.22	Distance between the bow fairlead and chain stopper/bracket:	740 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:	No 450	
Lifting Equipment			
8.24	Derrick / Crane description (Number, SWL and location):	Cranes: 1 x 5 Tonnes, MIDSHIPS	
8.25	What is maximum outreach of cranes / derricks outboard of the ship's side:	7 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?	IFO 380cst / MDO	
9.2	What type of fuel is used in the generating plant?	IFO 380cst / MDO	
9.3	Capacity of bunker tanks - IFO and MDO/MGO:	532.20 Cu. Metres	70.40 Cu. Metres 0 Cu. Metres
9.4	Is vessel fitted with fixed or controllable pitch propeller(s)?	Fixed Pitch	
Insurance			
9.5	P & I Club - Full Style:	STANDARD CLUB Standard House, 12/13 Essex Street, London WC2R 3AA Tel: +00442033208888 Fax: +00442033208800 E-mail: p&i.london@ctcplc.com	
9.6	P & I Club coverage - pollution liability coverage:	1,000,000,000 US\$	
Port State Control			
9.7	Date and place of last Port State Control inspection:	Contact Owners for details.	
9.8	Any outstanding deficiencies as reported by any Port State Control:	No	
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: No Collision: No	
9.11	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	Contact Owners for details.	
Vetting			
9.12	Date/Place of last SIRE Inspection:	Contact Owners for details.	

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9.13	Date/Place of last CDI Inspection:	Contact Owners for details.
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>	Contact Owners for details.

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