

<b>1.</b>	<b>VESSEL DESCRIPTION</b>		
1.1	Date updated:	Nov 01, 2013	
1.2	Vessel's name:	Chemtrans Elbe	
1.3	IMO number:	9439345	
1.4	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.5	Date delivered:	Aug 24, 2009	
1.6	Builder (where built):	21 Century Shipyard	
1.7	Flag:	Liberia	
1.8	Port of Registry:	Monrovia	
1.9	Call sign:	A8PS9	
1.10	Vessel's satcom phone number:	463705350	
	Vessel's fax number:	+870 783 180820	
	Vessel's telex number:	Not Applicable	
	Vessel's email address:	chemtranselbe@skyfile.de	
1.11	Type of vessel:	Chemical	
1.12	Type of hull:	Double Hull	
<b>Classification</b>			
1.13	Classification society:	American Bureau of Shipping	
1.14	Class notation:	ABS,+A1 (E) Oil/ Chemical Carrier, IMO Chemicals II and III, ESP, +AMS ACCU, VEC	
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:	Not Applicable	
1.20	Date next dry dock due	Aug 23, 2014	
1.21	Date of last special survey / next survey due:	Not Applicable	Aug 23, 2014
1.22	Date of last annual survey:	Aug 31, 2012	
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	
<b>Dimensions</b>			
1.25	Length Over All (LOA):	128.60 Metres	
1.26	Length Between Perpendiculars (LBP):	120.40 Metres	
1.27	Extreme breadth (Beam):	20.40 Metres	
1.28	Moulded depth:	11.50 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	41 Metres	0 Metres
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	66 Metres	62.60 Metres
1.31	Distance bridge front to center of manifold:	39 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast Summer Dwt
	Forward to mid-point manifold:	21 Metres	27 Metres 31 Metres
	Aft to mid-point manifold:	26 Metres	34 Metres 40 Metres
	Parallel body length:	47 Metres	61 Metres 71 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	21 Metric Tonnes	
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	38.508 Metres	0 Metres
	Normal ballast:	36 Metres	0 Metres
	At loaded summer deadweight:	32.286 Metres	0 Metres
<b>Tonnages</b>			
1.35	Net Tonnage:	4,117	
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	8,539	7,013
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	8,981	8,275

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1.38	Panama Canal Net Tonnage (PCNT):					7,217
<b>Loadline Information</b>						
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement	
	Summer:	2.812 Metres	8.714 Metres	13,006 Metric Tonnes	17,472.384 Metric Tonnes	
	Winter:	2.993 Metres	8.507 Metres	12,440 Metric Tonnes	17,052.126 Metric Tonnes	
	Tropical:	2.631 Metres	8.87 Metres	13,500.53 Metric Tonnes	17,832 Metric Tonnes	
	Lightship:	9.01 Metres	2.492 Metres		4,466 Metric Tonnes	
	Normal Ballast Condition:	5.78 Metres				
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:			Armitage Navigation Co. c/o Chemikalien Seetransport GmbH Mattentwiete 1 20457 Hamburg Germany Tel: +4940 36 903 210 Fax: +49 40 36 903 206 Tel: +4940 36 903 210 Fax: +49 40 36 903 206 Telex: Not Applicable Email: technical2@cst-shipping.com		
1.43	Technical operator - Full style:			Chemikalien Seetransport c/o Chemikalien Seetransport GmbH Mattentwiete 1 20457 Hamburg Germany Tel: +49 40 36 903 210 Fax: +49 40 36 903 206 Telex: Not Applicable Email: technical2@cst-shipping.com		
1.44	Commercial operator - Full style:			Broström A/S as agents to (disponent) Owners 50 Esplanaden, DK-1263 Copenhagen K, Denmark Tel: +45 3363 3363 Tel: +45 3363 3363 Telex: Not Applicable Email: operations@brostrom.com Web: www.brostrom.com		
1.45	Disponent owner - Full style:			Armitage Navigation Co. c/o Chemikalien Seetransport GmbH c/o Chemikalien Seetransport GmbH Mattentwiete 1 20457 Hamburg Germany Tel: +4940 36 903 210 Fax: +49 40 36 903 206 Telex: n/a Email: technical2@cst-shipping.com		

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Sep 20, 2012	Jul 17, 2013	Aug 23, 2014
2.2	Safety Radio Certificate:	Aug 24, 2009	Aug 31, 2012	Aug 23, 2014
2.3	Safety Construction Certificate:	Aug 24, 2009	Aug 31, 2012	Aug 23, 2014
2.4	Loadline Certificate:	Aug 24, 2009	Aug 31, 2012	Aug 24, 2014
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Aug 24, 2009	Aug 31, 2012	Aug 24, 2014
2.6	Safety Management Certificate (SMC):	Jan 20, 2010	Oct 07, 2012	Jan 19, 2015
2.7	Document of Compliance (DOC):	Nov 29, 2011	Oct 19, 2011	Nov 14, 2016
2.8	USCG (specify: COC, LOC or COI): COC	Jul 27, 2010	Jan 27, 2012	Jun 25, 2014
2.9	Civil Liability Convention Certificate (CLC):	Feb 20, 2013		Feb 20, 2014
2.10	Civil Liability for Bunker Oil Pollution Damage Convention Certificate (CLBC):	Feb 20, 2013		Feb 20, 2014
2.11	U.S. Certificate of Financial Responsibility (COFR):	Aug 08, 2012		Aug 08, 2015

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2.12	Certificate of Fitness (Chemicals):	Aug 24, 2009	Aug 31, 2012	Aug 23, 2014
2.13	Certificate of Fitness (Gas):	Not Applicable		
2.14	Certificate of Class:	Feb 25, 2010	Aug 31, 2012	Aug 14, 2014
2.15	International Ship Security Certificate (ISSC):	Jan 20, 2010	Sep 22, 2012	Jan 19, 2015
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	Aug 24, 2009		Aug 23, 2014
2.17	International Air Pollution Prevention Certificate (IAPP):	Aug 24, 2009	Aug 31, 2012	Aug 23, 2014

**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:	Ukrainian
3.2	Nationality of Officers:	Ukrainian, Latvian Alien
3.3	Nationality of Crew:	Phillipines, Ukrainian
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: Belchem Singapore Pte.Ltd 18 Boon Lay Way, #09-104 Trade Hub 21, Singapore 609966 Tel: +65 67951661 Fax: +65 67956116 Telex: Not Applicable Email: mail@belchem.com.sg
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:	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:	GALLAGHER MARINE SYSTEMS 100 Century Parkway Suite 130 QI/ Emerg. 24 hrs Mont Laurel NJ 08054 USA Tel: +1 703 683 4700 Email: info@chgms.com
5.3	Oil Spill Response Organization (OSRO) -Full style:	NATIONAL RESPONSE CORP. (NARCO) Tel: +1 631 224 9141
5.4	Has technical operator signed the SCIA / C-TPAT agreement with US customs concerning drug smuggling:	Yes

**6. CARGO AND BALLAST HANDLING**

<b>Double Hull Vessels</b>		
6.1	Is vessel fitted with centerline bulkhead in all cargo tanks:	Yes
6.2	If Yes, is bulkhead solid or perforated:	Solid

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<b>Cargo Tank Capacities</b>				
6.3	Capacity (98%) of each natural segregation with double valve (specify tanks):			
6.4	Total cubic capacity (98%, excluding slop tanks):			13,423.14 Cu. Metres
6.5	Slop tank(s) capacity (98%):			689.031 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
<b>SBT Vessels</b>				
6.8	What is total capacity of SBT?			5,277.189 Cu. Metres
6.9	What percentage of SDWT can vessel maintain with SBT only:			57.62 %
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:		12	
6.12	Maximum loading rate for homogenous cargo per manifold connection:			1,920 Cu. Metres/Hour
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:			3,544 Cu. Metres/Hour
6.14	Are there any cargo tank filling restrictions. If yes, please specify:			Yes 98%
<b>Pumping Systems</b>				
6.15	Pumps:	No.	Type	Capacity
	Cargo:	12 2 1	Centrifugal Centrifugal Centrifugal	300 M3/HR 100 M3/HR 70 M3/HR
	Stripping:			
	Eductors:			
	Ballast:	2	Centrifugal	350 Cu. Metres/Hour
6.16	How many cargo pumps can be run simultaneously at full capacity:			
<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:		Radar	
6.21	Are overfill (high-high) alarms fitted? If Yes, indicate whether to all tanks or partial:		Yes, all cargo 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):			200 Millimetres
<b>Venting</b>				
6.24	State what type of venting system is fitted:			PV valves
<b>Cargo Manifolds</b>				
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:		12	
6.27	What is the size of cargo connections:			300 Millimetres
6.28	What is the material of the manifold:		Stainless steel	
<b>Manifold Arrangement</b>				
6.29	Distance between cargo manifold centers:			700 Millimetres
6.30	Distance ships rail to manifold:			3,967 Millimetres
6.31	Distance manifold to ships side:			3,967 Millimetres
6.32	Top of rail to center of manifold:			1,100 Millimetres

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6.33	Distance main deck to center of manifold:	2,086 Millimetres
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:	8.709 Metres 5.546 Metres
6.35	Number / size reducers:	2 x 300/200mm (12/8") 2 x 300/150mm (12/6") 2 x 200/150mm (8/6") 2 x 150/125mm (6/5") 2 x 300/250mm (12/10")

**Stern Manifold**

6.36	Is vessel fitted with a stern manifold:	Yes
6.37	If stern manifold fitted, state size:	200 Millimetres

**Cargo Heating**

6.38	Type of cargo heating system?	2,Deck heater
6.39	If fitted, are all tanks coiled?	No
6.40	If fitted, what is the material of the heating coils:	
6.41	Maximum temperature cargo can be loaded/maintained:	95.0 °C / 203.0 °F 65 °C / 149 °F

**Tank Coating**

6.42	Are cargo, ballast and slop tanks coated?	Coated	Type	To What Extent
	Cargo tanks:	Yes	Phenolic Epoxy, Sigma Phenguard	Whole Tank
	Ballast tanks:	Yes	Tar Epoxy	Whole Tank
	Slop tanks:			
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:	IG Generator
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:			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	65 Millimetres	Polypropelene mixed type (grade II)	200 Metres	33 Metric Tonnes
	Main deck fwd:			Not Applicable		
	Main deck aft:		33 Millimetres	Not Applicable		
	Poop deck:	4	65 Millimetres	Polypropelene mixed type (grade II)	200 Metres	33 Metric Tonnes
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	3	58 Millimetres	Polypropelene mixed type (grade II)	200 Metres	33 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	3	58 Millimetres	Polypropelene mixed type (grade II)	200 Metres	33 Metric Tonnes
8.5	Mooring winches	No.	# Drums	Brake Capacity		
	Forecastle:	2	Double Drums	46 Metric Tonnes		
	Main deck fwd:		N/A			

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	Main deck aft:		N/A	
	Poop deck:	2	Double Drums	46 Metric Tonnes
8.6	Mooring bits		No.	SWL
		Forecastle:	4	33 Metric Tonnes
		Main deck fwd:	2	33 Metric Tonnes
		Main deck aft:	2	33 Metric Tonnes
		Poop deck:	9	33 Metric Tonnes
8.7	Closed chocks and/or fairleads of enclosed type		No.	SWL
		Forecastle:		
		Main deck fwd:		
		Main deck aft:		
		Poop deck:		
<b>Emergency Towing System</b>				
8.8	Type / SWL of Emergency Towing system forward:		Ch. stopper	100 Metric Tonnes
8.9	Type / SWL of Emergency Towing system aft:		Not Applicable	
<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:		33 Metric Tonnes	Not Applicable
8.13	What is SWL of bollard on poopdeck suitable for escort tug:			33 Metric Tonnes
<b>Bow/Stern Thruster</b>				
8.14	What is brake horse power of bow thruster (if fitted):		580 bhp	432.50 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)':		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	
8.20	Safe Working Load (SWL) of chain stopper(s):			100 Metric Tonnes
8.21	What is the maximum size chain diameter the bow stopper(s) can handle:			54 Millimetres
8.22	Distance between the bow fairlead and chain stopper/bracket:			2,676 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	
<b>Lifting Equipment</b>				
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:			5.20 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):		Yes	

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

9.1	What type of fuel is used for main propulsion?		IFO 380	
9.2	What type of fuel is used in the generating plant?		HFO	
9.3	Capacity of bunker tanks - IFO and MDO/MGO:		674.225 Cu. Metres	76.821 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:		GARD	
9.6	P & I Club coverage - pollution liability coverage:		100000000 US\$	

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<b>Port State Control</b>		
9.7	Date and place of last Port State Control inspection:	Aug 09, 2013 / Hamilton (Canada)
9.8	Any outstanding deficiencies as reported by any Port State Control:	No
9.9	If yes, provide details:	none
<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, Grounding: No , Serious casualty: No , Collision: No ,
9.11	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	
<b>Vetting</b>		
9.12	Date/Place of last SIRE Inspection:	Sep 01, 2013 / Houston
9.13	Date/Place of last CDI Inspection:	Nov 06, 2012 / Rotterdam
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>	INEOS, BP, CHEVRON, CDI

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