

1.	VESSEL DESCRIPTION		
1.1	Date updated:	May 19, 2011	
1.2	Vessel's name:	Alpine Endurance	
1.3	IMO number:	9430260	
1.4	Vessel's previous name(s) and date(s) of change:	STEALTH S.V (Apr 27, 2009)	
1.5	Date delivered:	Apr 14, 2009	
1.6	Builder (where built):	Hyundai Mipo Dockyard Company Limited, Ulsan, S. Korea	
1.7	Flag:	Marshall Island	
1.8	Port of Registry:	MAJURO	
1.9	Call sign:	V7RK9	
1.10	Vessel's satcom phone number:	+870 764 909 685 OR 86	
	Vessel's fax number:	+870 764 909 687	
	Vessel's telex number:	+453 834 274 OR 275	
	Vessel's email address:	alpine-endurance@ship.transpetrol.com	
1.11	Type of vessel:	Oil Tanker	
1.12	Type of hull:	Double Hull	
Classification			
1.13	Classification society:	Lloyds Register	
1.14	Class notation:	+100A 1, DOUBLE HULL OIL & CHEMICAL TANKER, SHIP TYPE 3 CSR,ESP,*IWS,LI,+LMC,IGS,UMS,COW(LR),GREEN PASSPORT,PART HIGHER TENSILE STEEL, SBT(LR), SHIPRIFHT(BWMP(S),SERS,SCM)	
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:	3	
1.18	Does the vessel have ice class? If yes, state what level:	No,	
1.19	Date / place of last dry-dock:	Not Applicable	na
1.20	Date next dry dock due	Feb 13, 2014	
1.21	Date of last special survey / next survey due:	Not Applicable	Feb 13, 2014
1.22	Date of last annual survey:	Not Applicable	
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?	No	
Dimensions			
1.25	Length Over All (LOA):	183.17 Metres	
1.26	Length Between Perpendiculars (LBP):	174.02 Metres	
1.27	Extreme breadth (Beam):	32.24 Metres	
1.28	Moulded depth:	18.80 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	48.87 Metres	
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	91.67 Metres	91.50 Metres
1.31	Distance bridge front to center of manifold:	57.25 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast Summer Dwt
	Forward to mid-point manifold:	38.83 Metres	43.50 Metres 43.55 Metres
	Aft to mid-point manifold:	15.68 Metres	35.82 Metres 54.64 Metres
	Parallel body length:	54.51 Metres	79.32 Metres 98.19 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	271 Millimetres	51.96 Metric Tonnes
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	46.30 Metres	0 Metres
	Normal ballast:	42.17 Metres	0 Metres
	At loaded summer deadweight:	36.65 Metres	0 Metres
Tonnages			
1.35	Net Tonnage:	12,052	

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1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	29,130	
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	30,557.67	26,120.23
1.38	Panama Canal Net Tonnage (PCNT):		24,188

Loadline Information

1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	6.61 Metres	12.22 Metres	46,121 Metric Tonnes	56,300 Metric Tonnes
	Winter:	6.87 Metres	11.96 Metres	44,803 Metric Tonnes	54,982 Metric Tonnes
	Tropical:	6.36 Metres	12.47 Metres	47,442 Metric Tonnes	57,621 Metric Tonnes
	Lightship:	16.26 Metres	2.57 Metres		10,200 Metric Tonnes
	Normal Ballast Condition:	12.13 Metres	6.70 Metres	18,630 Metric Tonnes	28,837 Metric Tonnes
1.40	Does vessel have multiple SDWT?			Yes	
1.41	If yes, what is the maximum assigned deadweight?			46,121 Metric Tonnes	

Ownership and Operation

1.42	Registered owner - Full style:	KING OF HEARTS INC.TRUST COMPANY COMPLEX AJELTAKE ROAD, AJELTAKE ISLANDM.H 96360MARSHALL ISLANDSKING OF HEARTS INC. TRUST COMPANY COMPLEX AJELTAKE ROAD, AJELTAKE ISLAND M.H 96360, MARSHALL ISLANDS Tel: +32 2 672 02 00 Fax: +32 267 552 57 Telex: +51 210416 TPMAR G Email: maritime.be@transpetrol.com
1.43	Technical operator - Full style:	TRANSPETROL TM As KNUD ASKERS VEI 20B, 1383 ASKER, NORWAY Tel: +47 669 080 60 Fax: Not Applicable Telex: Not Applicable Email: technical.no@transpetrol.com
1.44	Commercial operator - Full style:	ST SHIPPING AND TRANSPORT PTE. LTD 1 TEMASEK AVENUE, #34-01 MILENIA TOWER, SINGAPORE 039192 Tel: +65 6415 7756 Fax: +44 2 074 123 498 Telex: 264136 SHINC G Email: operations@stshipping.com
1.45	Disponent owner - Full style:	ST SHIPPING AND TRANSPORT PTE. LTD

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Jul 11, 2010	Jun 30, 2010	Apr 13, 2014
2.2	Safety Radio Certificate:	May 04, 2009	Jun 26, 2010	Apr 13, 2014
2.3	Safety Construction Certificate:	Jul 11, 2010	Jun 26, 2010	Apr 13, 2014
2.4	Loadline Certificate:	Jun 26, 2010	Jun 26, 2010	Apr 13, 2014
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Feb 03, 2011	Jun 26, 2010	Apr 13, 2014
2.6	Safety Management Certificate (SMC):	Feb 15, 2011		Jan 20, 2016
2.7	Document of Compliance (DOC):	Dec 09, 2009	Jan 14, 2011	Dec 21, 2014
2.8	USCG (specify: COC, LOC or COI):			
2.9	Civil Liability Convention Certificate (CLC):	Feb 09, 2011		Feb 20, 2012
2.10	Civil Liability for Bunker Oil Pollution Damage Convention Certificate (CLBC):	Feb 09, 2011		Feb 20, 2012
2.11	U.S. Certificate of Financial Responsibility (COFR):	Apr 27, 2009		Apr 27, 2012
2.12	Certificate of Fitness (Chemicals):	Nov 02, 2010		Apr 13, 2014
2.13	Certificate of Fitness (Gas):			
2.14	Certificate of Class:	Jul 11, 2010	Not Applicable	Apr 13, 2014

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2.15	International Ship Security Certificate (ISSC):	Jul 16, 2010		Sep 05, 2014
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	Oct 06, 2009		Apr 05, 2014
2.17	International Air Pollution Prevention Certificate (IAPP):	May 04, 2009	Jun 26, 2010	Apr 13, 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:	Russian	
3.2	Nationality of Officers:	Russian, Ukranian, Indian	
3.3	Nationality of Crew:	Indian, Filipino	
3.4	If Officers/Crew employed by a Manning Agency - Full style:	<p>Officers: WILHELMSSEN SHIP MANAGEMENT SDN. BHD Wilhelmsen Ship Management Sdn Bhd 18th Floor, 1 Sentral Jalan Travers Kuala Lumpur Sentral 50470 Kuala Lumpur, Malaysia Tel: +60 3 2084 5601 Fax: + 60 3 2084 5604/560 Telex: Not Applicable Email: Mohd-Sham.Muhajreen@wilhelmsen.com</p> <p>Crew: WILHELMSSEN SHIP MANAGEMENT SDN. BHD Wilhelmsen Ship Management Sdn Bhd 18th Floor, 1 Sentral Jalan Travers Kuala Lumpur Sentral 50470 Kuala Lumpur, Malaysia Tel: + 60 3 2084 5601 Fax: + 60 3 2084 5604/560 Telex: Not Applicable Email: Mohd-Sham.Muhajreen@wilhelmsen.com</p>	
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:	Yes	
5.2	Qualified individual (QI) - Full style:	O'Brien Oil Pollution Service, Inc 2000 Old Spanish Trail, Suite 210 Slidell, LA 70458 Tel: +1-985-781-0804 Fax: +1-985-781-0580 Email: commandcenter@oopsusa.com	
5.3	Oil Spill Response Organization (OSRO) -Full style:	National Response Corporation 3500 Sunrise Highway, Suite T103 Great River, NY 11739, USA Tel: +1-631-224-9141 Fax: +1-631-224-9082 Email: iocdo@nrcc.com	
5.4	Has technical operator signed the SCIA / C-TPAT agreement with US customs concerning drug smuggling:	No	

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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: 3327.8 m3 (1 wings) Seg#2: 4613.2 m3 (2 wings) Seg#3: 4689.4 m3 (3 wings) Seg#4: 4689.4 m3 (4 wings) Seg#5: 4681 m3 (5 wings) Seg#6: 4065.6 m3 (6 wings)	
6.4	Total cubic capacity (98%, excluding slop tanks):	52,135 Cu. Metres	
6.5	Slop tank(s) capacity (98%):	1,050 Cu. Metres	
6.6	Residual/Retention oil tank(s) capacity (98%), if applicable:	139.70 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?	22,242.20 Cu. Metres	
6.9	What percentage of SDWT can vessel maintain with SBT only:	49.50 %	
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	
6.12	Maximum loading rate for homogenous cargo per manifold connection:	1,834 Cu. Metres/Hour	
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:	3,600 Cu. Metres/Hour	
6.14	Are there any cargo tank filling restrictions. If yes, please specify:	Yes Yes, for cargoes of s.g. higher than 1.024 of Caustic Soda, Molasses Carbon Black Feed Stock to be partially loaded in Cargo Tanks.	
Pumping Systems			
6.15	Pumps:	No.	Type
	Cargo:	12 2	FRAMO DEEP WELL PUMPS FRAMO DEEP WELL PUMPS
	Stripping:		N/A
	Eductors:		N/A
	Ballast:	2	FRAMO DEEP WELL PUMPS
6.16	How many cargo pumps can be run simultaneously at full capacity:	6	
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:	Rosemount Tank Radar Gauge	
6.21	Are overfill (high-high) alarms fitted? If Yes, indicate whether to all tanks or partial:	yes	
Vapor Emission Control			
6.22	Is a vapor return system (VRS) fitted:	Yes	
6.23	Number/size of VRS manifolds (per side):	2	400 Millimetres
Venting			
6.24	State what type of venting system is fitted:	High Velocity Vent Valves (PV Valve)	
Cargo Manifolds			

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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:	300 Millimetres
6.28	What is the material of the manifold:	Steel SUS316L

Manifold Arrangement

6.29	Distance between cargo manifold centers:	2,000 Millimetres
6.30	Distance ships rail to manifold:	4,595 Millimetres
6.31	Distance manifold to ships side:	4,600 Millimetres
6.32	Top of rail to center of manifold:	700 Millimetres
6.33	Distance main deck to center of manifold:	2,100 Millimetres
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:	14.23 Metres 8.69 Metres
6.35	Number / size reducers:	12 x 300/450mm (12/18") 2 x 200/450mm (8/18") 6 x 400/300mm (16/12") 6 x 200/300mm (8/12") 1 x 200/250mm (8/10")

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 coils
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:	74.0 °C / 165.2 °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	EPOXY	Whole Tank
	Ballast tanks:	Yes	EPOXY	Whole Tank
	Slop tanks:		EPOXY	Whole Tank
6.43	If fitted, what type of anodes are used:	SACRIFICIAL ZINC-ANODE		

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:	Yes

8. MOORING

8.1	Mooring wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	28 Millimetres	GALVANIZED STEEL	220 Metres	54.40 Metric Tonnes
	Main deck fwd:	4	28 Millimetres	GALVANIZED STEEL	220 Metres	54.40 Metric Tonnes
	Main deck aft:	2	28 Millimetres	GALVANIZED STEEL	220 Metres	54.40 Metric Tonnes
	Poop deck:	6	28 Millimetres	GALVANIZED STEEL	220 Metres	54.40 Metric Tonnes
8.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	64 Millimetres	NYLON	11 Metres	68.90 Metric Tonnes
	Main deck fwd:	4	64 Millimetres	NYLON	11 Metres	68.90 Metric Tonnes
	Main deck aft:	2	64 Millimetres	NYLON	11 Metres	68.90 Metric Tonnes
	Poop deck:	6	64 Millimetres	NYLON	11 Metres	68.90 Metric Tonnes
8.3	Mooring ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:			Not Applicable		
	Main deck fwd:			Not Applicable		

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	Main deck aft:			Not Applicable		
	Poop deck:			Not Applicable		
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	3	56 Millimetres	Polypropylenecable	220 Metres	54.70 Metric Tonnes
	Main deck fwd:	1	56 Millimetres	Karat Maxi	220 Metres	61.10 Metric Tonnes
	Main deck aft:			Not Applicable		
	Poop deck:	2	56 Millimetres	Polypropylene	220 Metres	54.70 Metric Tonnes
8.5	Mooring winches			No.	# Drums	Brake Capacity
	Forecastle:			2	DOUBLE	30.60 Metric Tonnes
	Main deck fwd:			2	DOUBLE	30.60 Metric Tonnes
	Main deck aft:			1	DOUBLE	30.60 Metric Tonnes
	Poop deck:			3	DOUBLE	30.60 Metric Tonnes
8.6	Mooring bits				No.	SWL
	Forecastle:				4	51 Metric Tonnes
	Main deck fwd:				4	51 Metric Tonnes
	Main deck aft:				2	25 Metric Tonnes
	Poop deck:				10	51 Metric Tonnes
8.7	Closed chocks and/or fairleads of enclosed type				No.	SWL
	Forecastle:				13	200 Metric Tonnes (total 7 x 200 Metric Tonnes 2 x 64 Metric Tonnes 4 x 51 Metric Tonnes)
	Main deck fwd:				15	54 Metric Tonnes (Total 2 x 54 MT 11 x 51 MT 2 x 25 MT)
	Main deck aft:				10	51 Metric Tonnes (Total 8 x 51 MT 2 x 25 MT)
	Poop deck:				18	100 Metric Tonnes (Total 1 x 100 MT 3 x 64 MT 12 x 51 MT 2 x 46 MT)
Emergency Towing System						
8.8	Type / SWL of Emergency Towing system forward:				TONGUE TYPE BOW STOPPER	200 Metric Tonnes
8.9	Type / SWL of Emergency Towing system aft:				AIR MOTOR DRIVEN WINCH SYSTEM	100 Metric Tonnes
Anchors						
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:				100 Metric Tonnes	1060 X 470 X 695
8.13	What is SWL of bollard on poopdeck suitable for escort tug:					100 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

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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:	3,000 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 600mm X 450mm
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:	7.10 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?	IFO 380 CST
9.3	Capacity of bunker tanks - IFO and MDO/MGO:	1,410 Cu. Metres 188 Cu. Metres 23 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 GARD AS (HEAD OFFICE) KITTELSBUTVEIEN 31, NO-4836 ARENDAL, NORWAY
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:	Jan 26, 2011 / Mesaieed
9.8	Any outstanding deficiencies as reported by any Port State Control:	Yes
9.9	If yes, provide details:	IOPP Certificate Annex B Missing Entry. Corrected by Class.
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: N/A , Serious casualty: N/A , Collision: N/A ,
9.11	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	Gasoline-Gasoil-Jet Bonny-US/Rotterdam-Cotonou/Kuwait-Isle of Grain TC ST-Shipping
Vetting		
9.12	Date/Place of last SIRE Inspection:	Jan 29, 2011 / Fujairah
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>	BHP

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