



REDERI AB VERITAS TANKERS SHIP PARTICULARS

Ship's Name	M/T Astina				
Owner / Manager	REDERI AB VERITAS TANKERS,				
Full Address	Tjärebergsvägen 10, SE-430 82 Donsö, Sweden		SHIP COMMUNICATION DETAIL		
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D.P.A	Joakim Franzén +46 706 710 155		e-mail	astina@veritastankers.se	
Official No:	IMO Number	MMSI No:	Call Sign	Nationality	Port of Registry
	9320063	266 220 000	SHZA	SWEDEN	DONSÖ
Ship Type	IMO TYPE II CHEMICAL TANKER & OIL TANKER				
Ship Builder	Torlak shipyard - Tuzla/Istanbul, Hull No:44				
Class Society	BUREAU VERITAS				
Class Notation	I+HULL+MACH OIL; TANKER ESP; CHEMICAL TANKER ESP; UNRESTRICTED NAVIGATION+AUT-UMS,CLEAN SEA, CLEAN AIR, ICE CLASS 1A, MOON-SHAFT VCS; IG				
Delivery Date:			Summer Deadweight		
2006-03-02			11283,039		
L.O.A	L.B.P	BREADTH	DEPTH	SUMMER DRAFT	
129,75	123,44	19,60	10,40	8,00	
FULL LOADED CONDITION AT SUMMER DRAFT			BALLAST CONDITION		
FREEBOARD		AIR DRAFT	FREEBOARD		AIR DRAFT
2,41 METERS		26,35 METERS	5,27 METERS		27,88 METERS
GROSS TONNAGE		NET TONNAGE	SUEZ CANAL GRT	SUEZ CANAL NRT	
7636 / 6270 (SBT)		3644	NA	NA	
Dist. Man. To . Bow	68.10 m		Lightship parallel body	38,64 m	
Dist. Man. To . Accom.	36,58 m		Ballast cond. Parallel body	53,35 m	
Dist. Bow. To .Accom.	104,68 m		Summer DWT parallel body	62,69 m	
Dist. Acc. To .Stern.	25,08 m		Dist manifold to ship side	4,28 m	
FWA & TPC AT SDWT			174 MM / 21,78 mt		
TOTAL 100% AND 98% CAPACITY OF CARGO TANKS			12654 / 12401		
NUMBER OF MANIFOLDS AND SIZE			6 x 8" + 2 X 10" (PORT & STARBOARD)		
NUMBER OF CARGO REDUCERS AND SIZE			DIN: 2x(250-300)+ 3x(250-150)+1x(300-250)+ 1x(250-150)+ 1x(200-150)+ 1x(150-100)		
ANCHOR CHAIN			Dia:56 mm/Q2a,STBD: 10 Schackles, PORT:9 Schackles		
ANCHOR CHAIN MAX RATE OF HEAVING			LESS THAN 3 MINUTES / 1 SCHACLE (PORT & STBD)		
ANCHOR WEIGHT			MSPEK ANCHOR: STBD: 4320 KG, PORT: 4145 KG		
TYPE OF ENGINE			MAK 9M32C, CATERPILLAR MOTOREN GMBH		
ENGINE POWER			4320 KW, 5793 BHP, 4 STROKE & 600 rpm (IFO 380)		
NUMBER OF D/G AND POWER			3 D/G;620 KW / 1800 rpm & SHAFT GEN.:1250 KW-1800 RPM		
DIA. OF PROPELLER / PITCH & BOW THRUSTER			1xLB 10 YEARS, 4750mm / CPP & B/T: 450kw (603 HP)		
AUX BOILERS			2 x AALBORG-THERMAL FLUID HEATER-OIL FIRED, SURFACE 65m2, 13 BAR		
STEAM BOILER & EXHAUSTGAS ECONOMISER			1 x AALBORG-UNFIRED STEAM BOILER, 10,5 BAR/2 TON/11 & 1x AALBORG EXHAUSTGAS ECONOMISER, 30,3 m2 10BAR		
CARGO & BALLAST PUMPS PARTICULARS					
CARGO & WBT TK	COTs: 1-6+DECK COT/SLOP TK (14 TANKS-FULL HEMPEL PHENOLIC EPOXY/HEMPADUR 1550 COATED) MAX CARGO CARRIAGE TEMP 80C, MAX S.G. OF CGO 1,54 TON/CBM & WBT: 1-7 P/S+TRIM TANK+APT (17 TANKS-FULL HEMPEL EPOXY COATED)				
CARGO PUMPS	12 Pcs 300 m3/h at 10 MTH. HAMWORTY SVANEHOJ DL132d/150 SINGLE STAGE DEEPWHEEL				
SLOP PUMPS	2 PCS * 65 m3/h at 80 MTH. EPTEC OSLO				
BALLAST PUMPS	2 PCS * 350 m3/h AT 35 MTH ELECTRICAL DRIVEN CENTRIFUGAL PUMP				
CARGO & BALLAST EDUCTOR PARTICULARS					
OIL SPILL PUMP	2 PCS 36 m3/h AT 100 MTH. HAKPI POMPALARI d/d 1400				
W.B. STRIPPING EDUCTOR	1 PCS DNG 200 & 100, 50 m3 /h AT 80 MLC.				
TANK CLEANING HEATER					
TANK WASH HEAT EXCHANGER	1 PCC THERMAL OIL, 35,1 m2 & 2 PCS THERMAL OIL FLUID HEATER-OIL FIRED, FM 44 TO 66 C: 96 hrs (WHILE SEA TEMP 0 & AIR 10 C.				
INERT GAS GENERATOR PLANTS PARTICULARS					
INERT GAS GENERATOR	ENRAF SMITH, SCRUBBER & DECK SEAL: SMITH GAS, 2 PCS BLOWERS 2250 m3/h EACH.				
CRANE'S					
1 x GD-KHK 20/9 GURDESAN HOSES CRANE (SWL 5 mt)			1 x GD.KHK.20/9 RESCUE BOAT, LIFE RAFT & PROVISION CRANE (SWL 2,1 mt)		