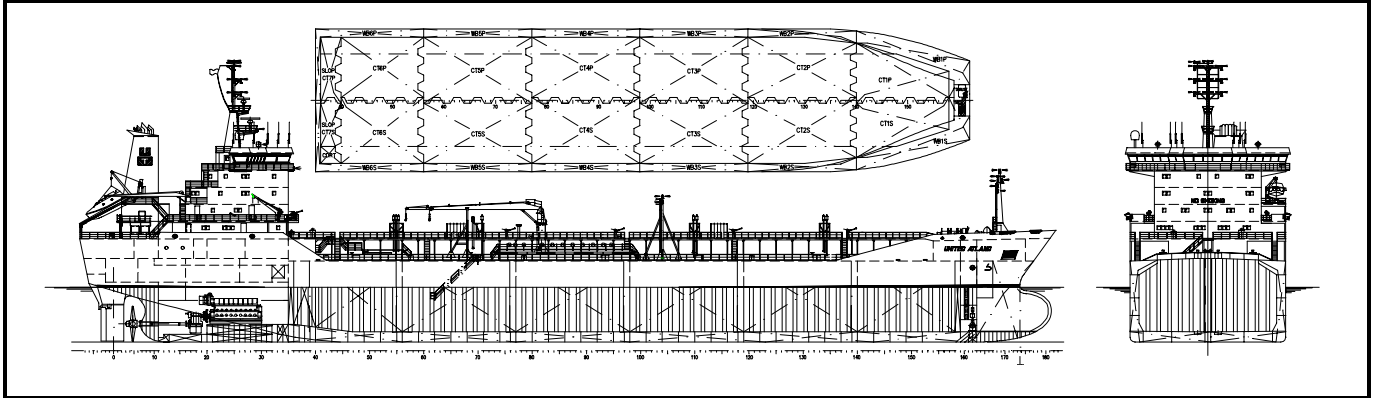
 FACTORIAS VULCANO, S.A.	CHEMICAL & OIL TANKER VESSEL- FILING CARD		Nº IMO: 9160932	
	Name: UNITED ATLAND	Owner / Broker: UNITED TANKERS / ALTA SH.	Build. no. 459	Stud. no. 0
Cargo Capacity: 19500 M3.	Country: SWEDEN	Filing Card	Date: 26.11.01 Rev.: 3	
REFERENCE CBT0459 TQM	Type: CHEMICAL / OIL TANKER	IMO 2	Built date: 1999	Page: 1



Survey: D.N.V.	Classed: +1A1, W1-OC, EO, ETC a2, b3, c3, v3, f2, str 0.1	Ice: 1A
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MAIN PARTICULARS (m)		TONNAGES (Tons)		CAPACITIES (m3)		OUTPUT / SPEED / RANGE	
Length Overall	144,05	GT (IMO 69)	11377	Cargo Tanks	19000	Output (KW)	6480
Length B. Perp.	133,80	NT (IMO 69)	4913	Slop Tanks	500	% MCR - % Sea	100/ 0
Breadth mould.	23,00	DWT (d. Sum.)	16470	Heavy Fuel	550	Speed trial (KN) // Draft	15,35 // 8,4
Depth mould.	12,40	DWT (d. Sct.)	16470	Diesel Oil	80	% MCR - % Sea	85/15/400 KW.
Summer draught	8,70	Displacement	22122	Lub Oil	50	Speed serv. (KN) // Draft	14,72 // 8,4
Scantling draught	8,70	Lightweight	5652	Fresh Water	200	Range (nm)	7250
Crew- Passage	16 - 0	TPC/I	28	Ballast Water	7850	Consumption t/day (F/D)	28.5 F.O.

CARGO-TANK CAPACITIES (98%)					SEGREGATIONS		CARGO HANDLING			
Total (+ Slop)	Units 14	IMO 2	Cap.m3 19500	Pres.bar 0,2	Gra.T/m3 1,54	No. segregations 7	Pumps	Hydraulic: 14	X	Electric: --
In Centre	0	0	0	-	0	Cap.m3 Epoxy 19500	Total	12	300 m3/h	12 bar
In Wing	14	0	0	-	0	Cap.m3 Zinc 0	D. Weel	2	150 m3/h	12 bar
On Deck	-	-	-	-	-	Cap.m3 Poly 0	Slop	2	500 m3/h	2 bar
						Cap.m3 S/Steel 0	Ballast	1	75 m3/h	8 bar
							Drain			
SAFETY AND OTHER DETAILS					CARGO LIST		Heating system		THERM. OIL	
Foam generators	Units 0	of 0	m3/h 0	at 0	Pres.bar 0	1.- IMO 2 & 3	Temp.in °C		+ 80	
Tank washing	Units 30	of 20	m3/h 20	at 9	Pres.bar 9	2.- 0	Cranes (Tons.at mts.)		1 x 5 T.	
						3.- 0				
						4.- 0				

MACHINERY AND AUX. ENGINES				SPECIAL EQUIPMENT		ANOTHER EQUIPMENT		
Engine (Desing / Type)	MAN B & W		9L40/54		Integrate Nav. Bridge	0		
Output (KW) / r.p.m.	6480		550			Bridge Control System	X	
Gear Box (Desing / Type)	RENK TACKE		HSU-1200		Joystick	0		
Reduction / Par	5,5:1		0		Radar Type Ullage	X		
Propeller (Desing / Type)	ALPHA MAN VBS 1460		CONTROL.		Central. Cargo Operation	X		
Blades Ø / r.p.m.	5400		100		Heavy Cargoes	0		
Bowthruster dia. // Kw	534		588		Hazardous Cargoes	X		
Aux.Dies.Eng.(Desing.-KW./Typ)	(4) VOLVO PENTA-390		TAMD 162 C		Bowthruster	X		
Alternator (Desing.-KW/rpm)	(4) STAMFORD -370		1800		Antiheeling System	0		
Aux.Dies.Eng.(Desing.-KW./Typ)	0		0		DOCUMENTACION			
Alternator (Desing.-KW/rpm)	0		0		Especificación	(Re/ Co -In/ Es)		C-/E
Shaft Alter. (Desing.-KW/rpm)	(1) STAMFORD -1360		1800		Planos	(Dis/For/Mae/Hi)		D/F/M/H
Harbour/Emer.(Desing.-KW./Typ)	(1) VOLVO PENTA -175		TMD 102 C		Cálculos	(Cap/Est/Pot/Bal)		C/E/P/B
Alternator (Desing.-KW/rpm)	(1) STAMFORD -165		1800					
Fecha: 25 - 11 - 98					Formato: V - 059			Revisión: 0