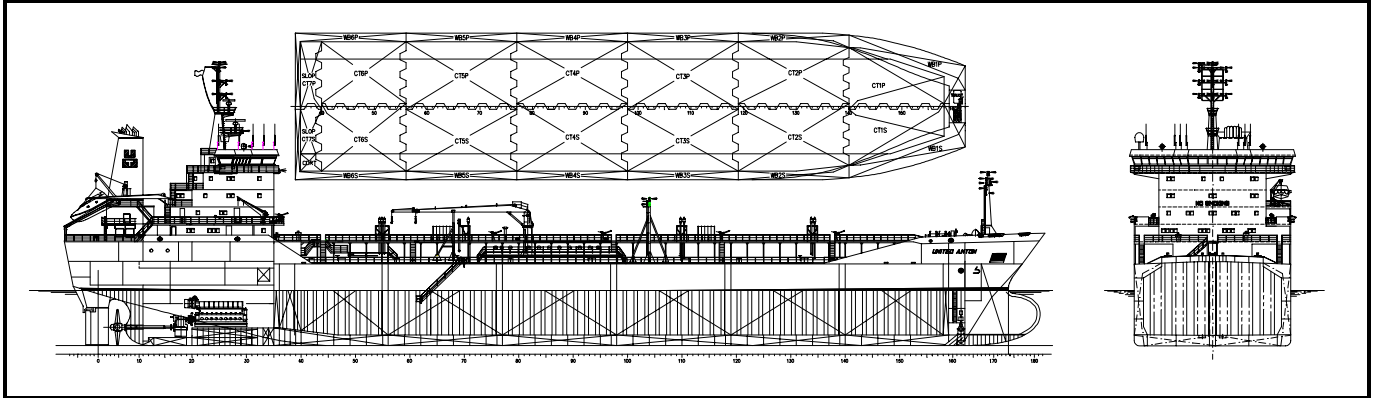
 FACTORIAS VULCANO, S.A.	CHEMICAL & OIL TANKER VESSEL- FILING CARD		Nº IMO: 9150614
	Name: UNITED ANTON	Owner / Broker: UNITED TANKERS / ALTA SH.	Build. no. 458
Cargo Capacity: 19500 M3.	Country: SWEDEN	Filing Card	Date: 19.11.99 Rev.: 2
REFERENCE CBT0458 TQM	Type: CHEMICAL / OIL TANKER	IMO 2	Built date: 1998 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)	11375	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.)	16520	Heavy Fuel	550	Speed trial (KN) // Draft	15,35 // 8,4
Depth mould.	12,40	DWT (d. Sct.)	16520	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	5602	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	IMO	Cap.m3	Pres.bar	Gr.T/m3	No. segregations	7	Pumps	Hydraulic:	X	Electric:	
In Centre	0	0	0	-	0	Cap.m3 Epoxy	19500	Total	14	--	--	
In Wing	14	0	0	-	0	Cap.m3 Zinc	0	D. Weel	12	300 m3/h	12 bar	
On Deck	-	-	-	-	-	Cap.m3 Poly	0	Slop	2	150 m3/h	12 bar	
						Cap.m3 S/Steel	0	Ballast	2	500 m3/h	2 bar	
								Drain	1	75 m3/h	8 bar	
SAFETY AND OTHER DETAILS					CARGO LIST			Heating system		THERM. OIL		
Foam generators	Units		m3/h		Pres.bar	1.-	IMO 2 & 3	Temp.in °C	+ 80			
Tank washing	30	of	20	at	9	2.-	0					
						3.-	0					
						4.-	0	Cranes (Tons.at mts.)	1 x 5 T.			

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	