



**FACTORIAS
VULCANO, S.A.**

CHEMICAL & OIL TANKER VESSEL- FILING CARD

Name: **PRIMO M** Owner / Broker: **AUGUSTA DUE S.R.L.**

Cargo Capacity: **19500 M3.** Country/ Flag: **SPAIN**

Type: **ST. STEEL (AVESTA 2205) CHEMICAL TANKER** **IMO 2**

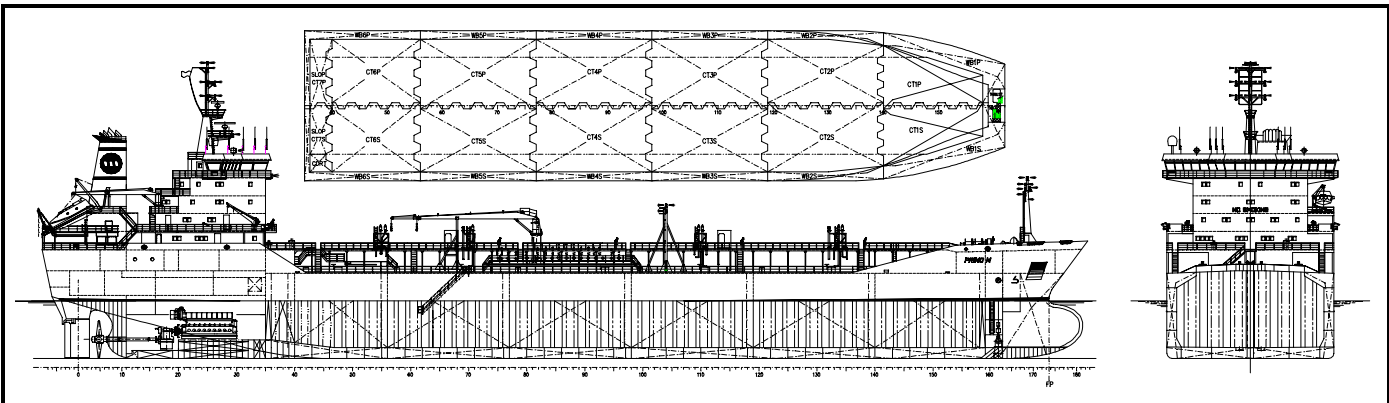
Nº IMO: **9182784**

Build. no. **475** Stud. no.

Filing Card Date: **26.11.01**
Rev.: **5**

Built date: **2000** Page: **1**

REFERENCE
CBTO475 TQM



Survey: **D.N.V.** Classed: **+1A1, W1-OC, EO, ETCa2, b3, c3, v3, f2, str 0.1** Ice: **1A**

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)	5600	Slop Tanks	500	% MCR - % Sea	100/ 0
Breadth mould.	23,00	DWT (d. Sum.)	18596	Heavy Fuel	550	Speed trial (KN) // Draft	15.35 / 8,4
Depth mould.	12,40	DWT (d. Sct.)	18596	Diesel Oil	160	% MCR - % Sea	85/15/400 KW.
Summer draught	9,50	Displacement (9,5)	24266	Lub Oil	50	Speed serv. (KN) // Draft	14.72 / 8,4
Scantling draught	9,50	Lightweight	5670	Fresh Water	200	Range (nm)	7250
Crew- Passage	18 + 1	TPC/I	29	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	Gra.T/m3	No. segregations	10	Pumps	Hydraulic:	X	Electric:	
	14	2	19500	0,2	1,84	Cap.m3 Epoxy	0	Total	14	--	--	
	0	0	0	-	0	Cap.m3 Zinc	0	D. Weel	12	300 m3/h	12 bar	
	14	0	0	-	0	Cap.m3 Poly	0	Slop	2	300 m3/h	12 bar	
In Centre						Cap.m3 S/Steel	19500	Ballast	2	500 m3/h	2 bar	
In Wing								Drain	1	75 m3/h	8 bar	
On Deck								Heating system	THERM. OIL			
SAFETY AND OTHER DETAILS						CARGO LIST						
Foam generators	0 of		0	at	0	1.- IMO	2 & 3	Temp.in °C	+ 80			
Tank washing	28 of		20	at	9	2.-	0	Hose handling crane	5 t - 17 m.			
						3.-	0	Privision Crane	3.5 t - 12 m.			
						4.-	0					

MACHINERY AND AUX. ENGINES				SPECIAL EQUIPMENT				ANOTHER EQUIPMENT			
Engine (Desing / Type)	MAN B & W		9L40/54	Integrate Nav. Bridge	0	Iner Gas System	X				
Output (KW) / r.p.m.	6480		550		Bridge Control System		X	Steam Generator	X		
Gear Box (Desing / Type)	RENK TACKE		HSU-1200	Joystick	0	Manifold center	X				
Reduction / Par	5,5:1		0	Radar Type Ullage	X	Manifold aft	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)	(6) VOLVO PENTA-390		TAMD 162 C	Bowthruster	X						
Alternator (Desing.-KW/rpm)	(6) 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-I/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								
Thermal oil heater (Desing/KW)	(2) GESAB HE 33 V 50		3800								
Fecha: 25 - 11 - 98					Formato: V - 059	Revisión: 0					