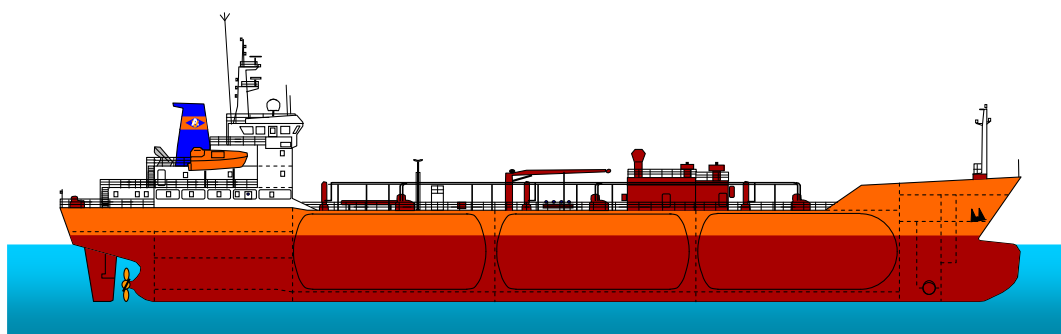




m.v. "CORAL PALMATA"

7200 m<sup>3</sup> LPG/ ETHYLENE CARRIER



### Principal Particulars

#### GENERAL

Delivery	1994
Flag	Liberia
Class	Bureau Veritas
Call sign	ELWC5
USCG	fitted

#### MAIN DIMENSIONS

Loa	115.31 m	Mean draft LPG	6.60 m
Lpp	105.12 m	Deadweight (LPG draft)	5,175 t
Beam	16.80 m		
Depth	11.80 m	Mean summer draft (VCM)	7.65 m
Gross tonnage	5821	Deadweight (VCM draft)	6,758 t
Nett tonnage	1746		

#### SPEED, CONSUMPTION, MACHINERY

Service speed (LPG draft)	15.0 kn (max 4 Bft)	Steaming range	10,500 nm
Service speed (ballast draft)	15.5 kn (max 4 Bft)		
Main engine	Wartsila 12V 32D, 4550 kW	Fuel consumption:	
Auxiliary engines	MWM Deutz, TBD 604 BL6, 3 x 586 kW	Main engine	20.5 t/day
Shaft generator	1,100 kW	Aux. eng. pressure holding	2.0 t/day
Bow thruster	380 kW	Aux. eng. cooling down	4.0 t/day
		Aux. eng. in port	1.0 t/day

#### CARGO INSTALLATION

Max. tankpressure (IMO)	6.0 barg	Loading rate	800 m3/hr
Min. tankpressure	-0.3 barg	Discharging	800 m3/hr
Min. tanktemperature	-104 °C	Deepwell pumps	6 x 135 m3/hr at 120 mLC
Cargo segregation	2	Booster pumps	1 x 240 m3/hr at 120 mLC
		Cargo heater	150 m3/hr
Cooling down:			
ethylene -98°C to -102°C		Manifold vapour connections	2x4 "
		liquid connections	2x8 "
Inert gas plant	high capacity combined N2/IG plant	distance from stern	59.75 m

#### CARGO TANKS

Filling 98%:	ammonia	butane	butadiene	ethylene	propane	propylene	p.oxide	vcm	volume
Sp.grav [t/m3]	0.681	0.600	0.653	0.569	0.582	0.614	0.830	0.972	98%
At temperature [°C]	-33.4	-0.5	-4.5	-104.0	-42.8	-47.7	15.0	-13.8	
Capacity tank 1 [t]	1,440	1,269	1,381	1,203	1,231	1,298	1,755	2,055	2,114 m3
Capacity tank 2 [t]	1,672	1,473	1,603	1,397	1,429	1,508	2,038	2,387	2,455 m3
Capacity tank 3 [t]	1,668	1,470	1,600	1,394	1,426	1,504	2,033	2,381	2,450 m3
Total capacity [t]	4,780	4,212	4,584	3,994	4,085	4,310	5,826	6,823	7,020 m3