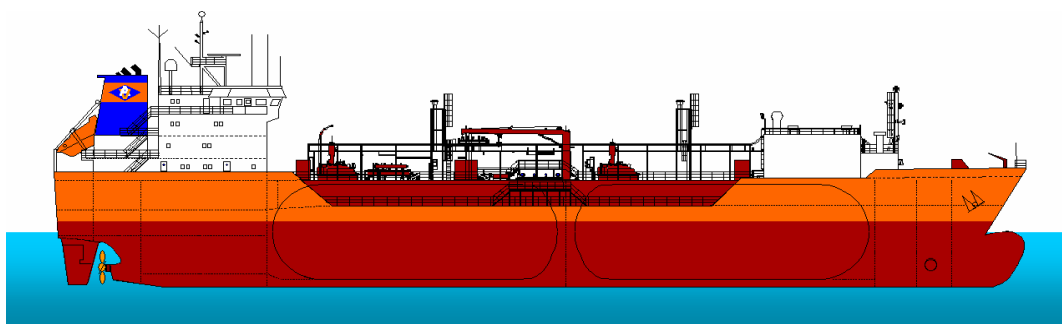




m.v. "CORAL RIGIDA"

5364 m³ LPG/ ETHYLENE CARRIER



Principal Particulars

GENERAL

Delivery	2000
Flag	Dutch
Class	Germanischer Lloyd
Call sign	PCFT
USCG	fitted

MAIN DIMENSIONS

Loa	107.92 m	Mean draft LPG	6.10 m
Lpp	100.20 m	Deadweight (LPG draft)	4,045 t
Beam	16.80 m		
Depth	9.40 m	Mean summer draft (VCM)	7.45 m
Gross tonnage	5469	Deadweight (VCM draft)	6,073 t
Nett tonnage	1641		

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	B&W, 6S35 MCE, 4200 kW	Fuel consumption:	
Auxiliary engines	MAN B&W, 6L23/30H, 3 x 960 kW	Main engine	17.0 t/day
Shaft generator	-	Aux. eng. pressure holding	4.0 t/day
Bow thruster	450 kW	Aux. eng. cooling down	8.0 t/day
		Aux. eng. in port	2.0 t/day

CARGO INSTALLATION

Max. tankpressure (IMO)	6.5 barg	Loading rate	800 m3/hr
Min. tankpressure	0.3 barg	Discharging	800 m3/hr
Min. tanktemperature	-104 °C	Deepwell pumps	2 x 400 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	30 hrs	Manifold vapour connections	2x6 "
		liquid connections	2x8 "
Inert gas plant	high capacity N2 generating plant upto 0.1% O2 contents	distance from stern	53.92 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]	1,821	1,604	1,746	1,521	1,556	1,641	2,219	2,599	2,673 m3
Capacity tank 2 [t]	1,759	1,550	1,687	1,470	1,503	1,586	2,144	2,511	2,583 m3
Deck tank									49 m3
Total capacity [t]	3,614	3,184	3,465	3,019	3,088	3,258	4,404	5,158	5,306 m3