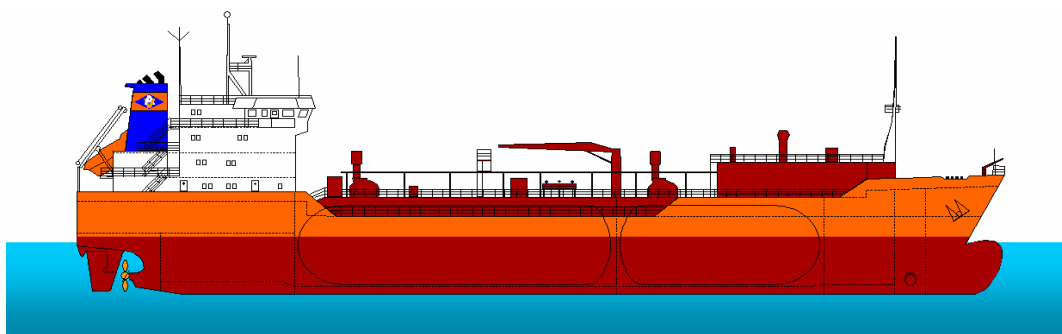




m.v. "CORAL OBELIA"

3800 m³ S.P./F.R. LPG CARRIER



Principal Particulars

GENERAL

Delivery	1996
Flag	Dutch
Class	Germanischer Lloyd
Call sign	PDKU
USCG	fitted

MAIN DIMENSIONS

Loa	92.94 m	Mean draft LPG	5.50 m
Lpp	86.00 m	Deadweight (LPG draft)	2,978 t
Beam	15.30 m		
Depth	8.60 m	Mean summer draft (VCM)	6.62 m
Gross tonnage	3853	Deadweight (VCM draft)	4,332 t
Nett tonnage	1155		

SPEED, CONSUMPTION, MACHINERY

Service speed (LPG draft)	13.5 kn (max 4 Bft)	Steaming range	11,000 nm
Service speed (ballast draft)	14.0 kn (max 4 Bft)		
Main engine	Wartsila, 8R32BC, 2675 kW	Fuel consumption:	
Auxiliary engines	Caterpillar, 3412DI-T, 2 x 431 kW	Main engine	10.5 t/day
Shaft generator	450 kW	Aux. eng. pressure holding	1.5 t/day
Bow thruster	300 kW	Aux. eng. cooling down	3.0 t/day
		Aux. eng. in port	0.7 t/day

CARGO INSTALLATION

Max. tankpressure (IMO)	9.0 barg	Loading rate	600 m ³ /hr
Min. tankpressure	-0.5 barg	Discharging	600 m ³ /hr
Min. tanktemperature	-48 °C	Deepwell pumps	3 x 200 m ³ / hr at 120 mLC
Cargo segregation	2	Booster pumps	1 x 240 m ³ /hr at 120 mLC
		Cargo heater	130 m ³ /hr
Cooling down: propane +20°C to -42,8°C	290 hrs	Manifold vapour connections	2x6 "
		liquid connections	1x8 "
Inert gas plant	high capacity N2 generating plant upto 0.1% O2 contents	distance from stern	47.80 m

CARGO TANKS

Filling 98%:	ammonia	butane	butadiene	butylene	propane	propylene	p.oxide	vcm	volume
Sp.grav [t/m ³]	0.681	0.600	0.653	0.625	0.582	0.614	0.830	0.972	98%
At temperature [°C]	-33.4	-0.5	-4.5	-6.0	-42.8	-47.7	15.0	-13.8	
Capacity tank 1 [t]	717	632	687	658	613	646	874	1,023	1,053 m ³
Capacity tank 2 [t]	1,839	1,621	1,764	1,688	1,572	1,658	2,242	2,625	2,701 m ³
Total capacity [t]	2,556	2,252	2,451	2,346	2,184	2,305	3,115	3,648	3,753 m ³