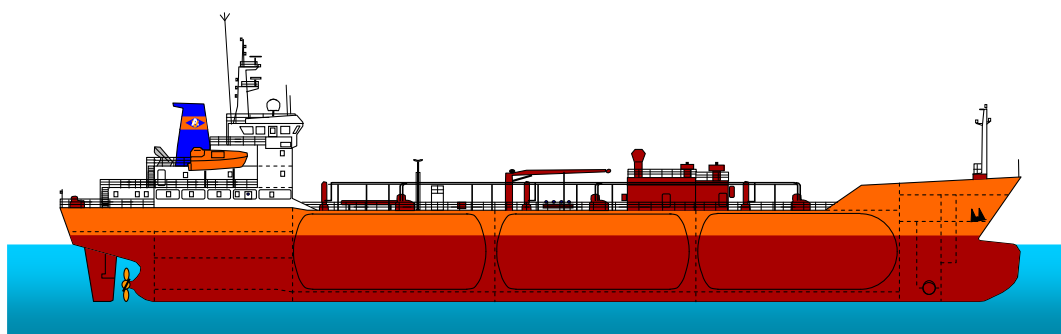




m.v. "CORAL PAVONA"

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



### Principal Particulars

#### GENERAL

|           |                |
|-----------|----------------|
| Delivery  | 1995           |
| Flag      | Liberia        |
| Class     | Bureau Veritas |
| Call sign | ELXG9          |
| 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) | 6.95 m  |
| Gross tonnage | 5821     | Deadweight (VCM draft)  | 5,632 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         | 55.56 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 |