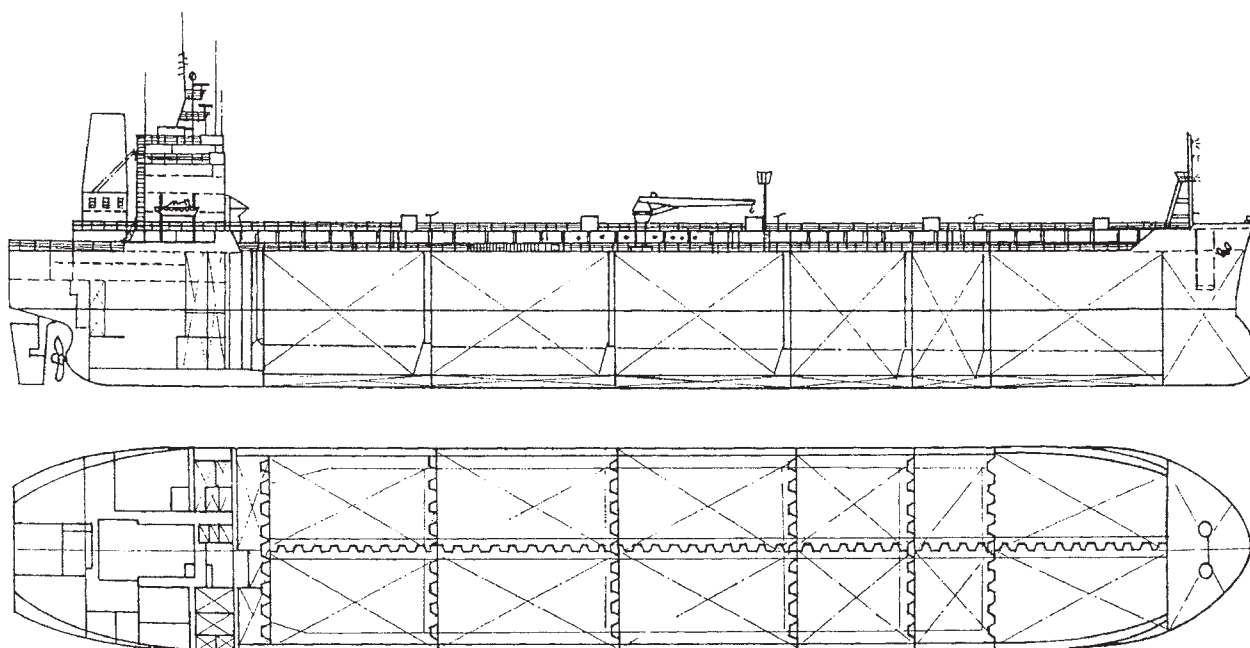


Oil Tanker / Chemical Carrier

83,651 / 59,866 DWT



Name:	m/s PANDA	Lenght over all	228.21 m
Owner / Flag:	The East Asiatic Co. Ltd. / Liberia	Length btw perp.	220.00 m
Builder / Yard:	Shipyards 3.MAJ / 594	Breadth moulded	32.20 m
Sister vessels:	650, 652	Depth moulded	21.66 m
Delivered:	1987, 1988, 1990	Draught design	12.52 m
Classification:	DNV; \pm 1A1 Tanker for oil (COW, INERT)	Draught scantling	16.02 m
	EO, bis, Tanker for chemicals	Deadweight at draught 12.52 m	59,866 t
Designed by:	Shipyards 3.MAJ	Deadweight at draught 16.02 m	83,651 t
		Gross tonnage	44,322

Main engine: 3.MAJ - SULZER
MCR: 6 RTA 62
8,330 kW / 85 rpm
Trial speed at 7,500 kW
(90% MCR) on draught of 12.52
14.35 knots

Capacities:

Cargo tanks, incl. slops & sludge: 89,181 m³
Slop tanks & sludge retention tank: 2,578 m³
Cargo loading / unloading time: abt. 10.5 hours

Provisions:

Heavy fuel oil 1,957 m³
Diesel fuel oil 256 m³
Lubrication oil 167 m³
Fresh water 301 m³

Ballast water 31,886 m³
HFO consumption of M.E. 29.9 t / 24 hours
Crew complement 26 + 6 Suez crew

Cargo equipment:

- Twelve cargo pumps, vert. centrifugal type, stainless steel, hydr. driven, 950 m³/h at 13 bar capacity each.
- Two slop pumps, vert. centrifugal type, hydr. driven, 70 m³/h at 13 bar capacity each.
- One sludge pump, vert. centrifugal type, hydr. driven, 70 m³/h at 7 bar capacity each.
- One portable pump, hydr. driven, capacity 500 m³/h at 3 bar.
Pump capacities are related to cargo density 0.85 t/m³ and viscosity 1 m²/ sec at 50 deg. C.
- Heating system:
deck exchangers capacity: 44-66 deg. C /96 hours
Conditions: viscosity 380 m²/sec at 50 deg. C sea water temp. + 5 deg. C, air ambient temp. + 20 deg. C
- Cleaning system:
- hot / cold sea and fresh water, fixed tank cleaning /
/ washing machines - 6 portable washing machines
- Control:
remote integrated microcomputed control and extensive monitoring system.

Steam plant:

- Two boilers, oil fired, 8 bar, cap. 20 + 6 t/h steam.

Auxiliary engines plant:

- Two el. gen. sets, 60 cycles, 1,025 kVA D.M. driven each.
- One el. gen. / hydr. power set, 60 cycles, 875 kW, D.M. driven.
- One hydr. power set, 60 cycles, 1,320 kW, D.M. driven.

