

57000 dwt Crude or Products carrier

m.t. **Zenatia**



This vessel is capable of carrying and segregating both crudes and products, including heated cargoes. Cargo is carried in centres and wing tanks. There are additional balanced sets of wings reserved for segregated ballast. The cargo pipeline arrangements allow for the full segregation of 3 grades.

The vessels tanks are coated with an epoxy paint system.

Principal Particulars

Summer dwt:	57741 tonnes
Summer draft:	11.92 metres (39ft. 1in)
Length overall:	228.62 metres (750ft. 0in)
Beam (extreme):	32.20 metres (105ft. 8in)
Depth (moulded):	19.00 metres (62ft. 4in)
Height (overall):	47.0 metres (154ft. 2in) Keel to highest fixed point

Year Built & Classification

Year:	1981
Classification:	Lloyds

Tonnages

Gross Registered Tonnes:	30702
Net Registered Tonnes:	21160
Suez Net Tonnes:	34421
Panama Net Tonnes:	27608
Lightship:	12761 Tonnes

Cargo Carriage Features

Total Capacity 98%:	All cargo tanks. 72,532 cubic metres. (456,200 US barrels)
Number Of Grades:	3
Inert Gas System:	Yes, including Crude Oil Wash capability.
Cargo Heating:	To 57.3 c, by coils in tanks.
Tank Coating System:	Epoxy.
Cargo Pumps:	3 Centrifugal pumps, each 2000 m ³ /hr. 2 stripping pumps, each 200 m ³ /hr.

Cargo Tank Capacities

Tanks	Cu. metres 98%
No.1C	5479
No.2C	10959
No.3C	10979
No.4C	10979
No.5C	8219
No.2Ws	11638
No.4ws	11755
slop tk p	1282
slop tk s	1282
Total	72,532

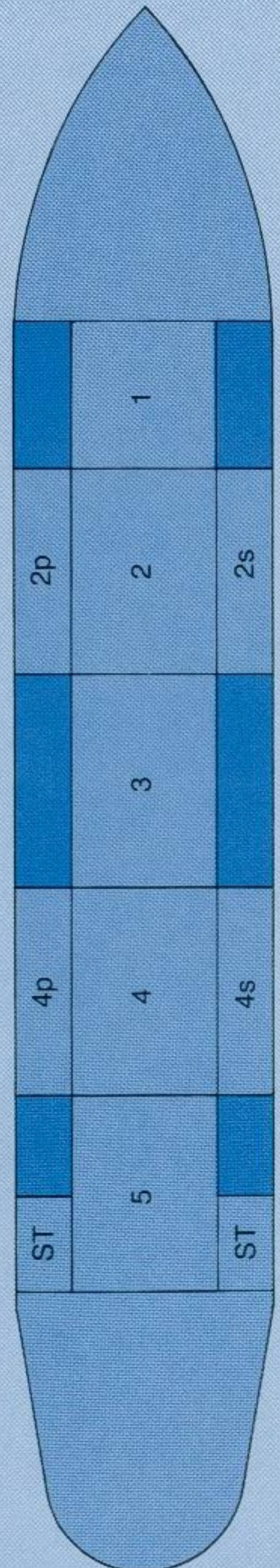
Deadweight Scale (Approximate figures)

Draft (Metres)	DWT(tonnes)	Displacement(tonnes)	TPC
summer	57741	70502	64.0
11	51840	64600	63.2
10	45540	58300	62.2
9	39340	52100	61.5
8	33240	46000	60.9
7	27240	40000	60.4
6	21240	34000	60.0
5	15240	28000	59.5

Freshwater allowance 248 mm

Manifold Connections

Number and Size:	4 x 16"
Type of flange:	Steel ANSI 150
Reducers, Number and Sizes:	4 x 16"-12", 4 x 16"-10", 4 x 16"-8"
Bow to Centre of Manifolds:	113 metres.
Height Above Waterline:	on SWDT draft 8.68 metres on Ballast draft 14.11 metres.



Ballast Arrangements

Total Capacity of Ballast Tanks:	25944 cubic metres.
Location & Type:	Nos 1,3 and 5 wings. SBT
Ballast Pumps:	1 centrifugal pump, 2000 m ³ /hr

Mooring Equipment

Number & Location of Winches:	6, 2 forward, 1 maindeck forward, 1 maindeck aft and 2 on poop.
Brake Capacity:	27 and 60 tonnes.
Moorings:	Ropes 8 x 220m x "8" x 61 tonne 8 x 220m x "8" x 35.5 tonne
Length of Anchor Cable:	11 shackles on each side.
Number & Type of Bowstopper:	1 AKD 200 tonne SWL.

Cranes/Derricks

Hose Handling:	2 x 10 tonne SWL
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Particulars believed to be correct but not guaranteed.

date: Sept 1989.