

135000 dwt crude oil carrier

m.t. **Oliva**





A crude oil carrier with the capacity to lift one million barrels of cargo with tanks 98 percent full. The vessel has a set of segregated ballast tanks and an electric driven ballast pump.

Cargo is stowed in centre and wing tanks, with two slop tanks available.

Principal Particulars

Summer dwt:	134,999 tonnes.
Summer draft:	15.35 metres (50ft. 4in)
Length overall:	285.0 metres (935ft. 0in)
Beam (extreme):	44.25 metres (145ft. 2in)
Depth (moulded):	22.34 metres (73ft. 3in)
Height (overall):	51.65 metres (169ft. 6in) Keel to highest fixed point

Year Built & Classification

Year:	1975
Classification:	Det Norske Veritas

Tonnages

Gross Registered Tonnes:	66907
Net Registered Tonnes:	52690
Suez Net Tonnes:	75460
Panama Net Tonnes:	N/A
Lightship:	22000 Tonnes

Cargo Carriage Features

Total Capacity 98%:	All cargo tanks. 161,788 cubic metres. (1,017,600 US barrels)
Number of Grades:	4
Inert Gas System:	Yes, with Crude Oil Wash capability.
Cargo Heating:	Not available.
Tank Coating System:	None
Cargo Pumps:	4 centrifugal main cargo pumps, each 3,000 m ³ /hr. 1 Reciprocating stripping pump 200 m ³ /hr.

Cargo Tank Capacities

Tanks	Cu. metres 98%.
No.1C	18308
No.2C	20526
No.4C	20524
No.5C	21321
No.1Ws	20996
No.2Ws	26286
No.4Ws	25727
slop tk p	4050
slop tk s	4050
Total	161788

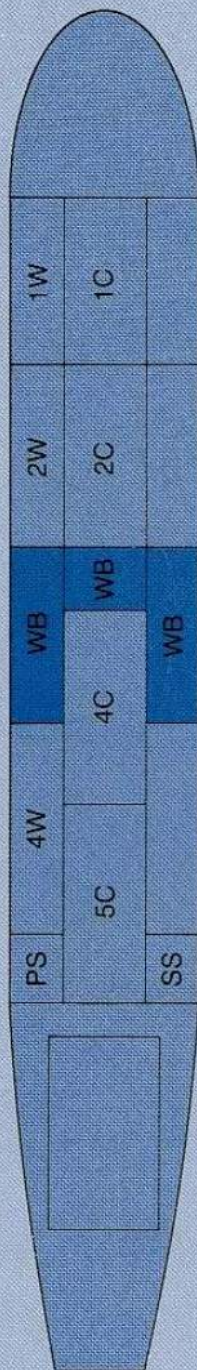
Deadweight Scale (Approximate figures)

Draft (Metres)	DWT(tonnes)	Displacement(tonnes)	TPC
summer	134999	156999	111.0
15	131100	153100	110.7
14	120000	142000	109.8
13	109000	131000	108.8
12	98300	120300	108.0
11	87400	109400	107.0
10	76900	98900	106.1
9	66200	88200	105.2
8	55900	77900	104.2
7	45400	67400	103.2
6	35000	57000	102.0

Freshwater allowance 370mm

Manifold Connections

Number and Size:	4 x 20"
Type of Flange:	steel
Reducers, Number and Sizes:	4 x 20"-16", 4 x 20"-12", 4 x 16"-12", 4 x 12"-10".
Bow to Centre of Manifolds:	142 metres.
Height Above Waterline:	on SWDT draft 9.18 metres. on Ballast draft 18.00 metres.



Ballast Arrangements

Total Capacity of Ballast Tanks:	42149 cubic metres.
Location & Type:	3 centre and 3 wings, segregated.
Ballast Pumps:	1 electric driven centrifugal 1,700 m ³ /hr.

Mooring Equipment

Number & Location of Winches:	8, 3 forward, 1 maindeck forwrd, 1 maindeck aft and 3 poop.
Brake Capacity:	45 tonnes.
Moorings:	Wires 12 x 220 m x 38mm, 80 tonnes. Ropes 8 x 220 m x 80mm, 65 tonnes.
Length of Anchor Cable:	12 shackles port, 13 shackles stbd.
Number & Type of Bowstopper:	1 AKD SWL 200 tonnes.

Cranes/Derricks

Hose Handling:	2 x 15 tonnes SWL
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Particulars believed to be correct but not guaranteed.