

140000 dwt crude oil carrier

m.t. **Onoba**





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. The vessel is capable of carrying heated crude.

### Principal Particulars

Summer dwt:	139,962 tonnes.
Summer draft:	15.78 metres (51ft. 9in)
Length Overall:	285.0 metres (935ft. 0in)
Beam (extreme):	44.20 metres (145ft. 2in)
Depth (moulded):	22.43 metres (73ft. 8in)
Height (overall):	53.2 metres (174ft. 7in) Keel to highest fixed point

### Year Built & Classification

Year:	1977
Classification:	Det Norske Veritas

### Tonnages

Gross Registered Tonnes:	76149
Net Registered Tonnes:	64803
Suez Net Tonnes:	75191
Panama Net Tonnes:	N/A
Lightship:	21820 Tonnes

### Cargo Carriage Features

Total Capacity 98%:	All cargo tanks. 161788 cubic metres. (1,017,615 US barrels)
Number of Grades:	4
Inert Gas System:	Yes, with Crude Oil Wash capability.
Cargo Heating:	To 62.7 C ,by coils in tanks.
Tank Coating System:	None
Cargo Pumps:	4 centrifugal main cargo pumps,each 3,000 m3/hr. 1 Reciprocating stripping pump 200 m3/hr.

## Cargo Tank Capacities

Tanks	Cu. metres 98%
No.1C	18308
No.2C	20526
No.4C	20524
No.5C	21320
No.1Ws	20996
No.2Ws	26286
No.4Ws	25728
slop tk p	4050
slop tk s	4050
Total	161788

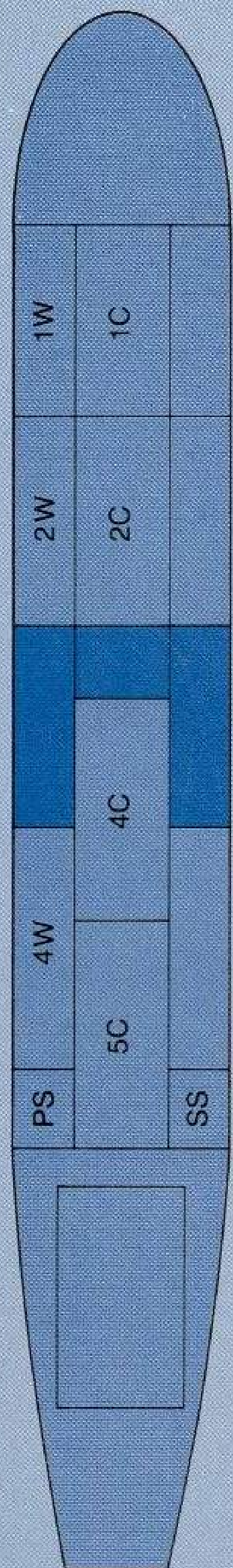
## Deadweight Scale (Approximate figures)

Draft (Metres)	DWT(tonnes)	Displacement(tonnes)	TPC
summer	139962	161782	111.0
15	131300	153100	110.7
14	120100	142000	109.8
13	109300	131000	108.8
12	98500	120200	108.0
11	87900	109500	107.0
10	77000	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 394mm

## Manifold Connections

Number and Size:	4 x 20"
Type of Flange:	steel ASA 150
Reducers, Number and Sizes:	8 x 20"-16", 4 x 20"-12" plus other sizes.
Bow to Centre of Manifolds:	142.5 metres.
Height Above Waterline:	on SWDT draft 8.39 metres. on Ballast draft 18.30 metres.



## Ballast Arrangements

Total Capacity of Ballast Tanks:	41434 cubic metres.
Location & Type:	3 centre and 3 wings, segregated.
Ballast Pumps:	1 electric driven centrifugal 1,700 m <sup>3</sup> /hr.

## Mooring Equipment

Number & Location of Winches:	7, 3 forward, 1 maindeck forwrd, 1 maindeck aft and 2 poop.
Brake Capacity:	45 tonnes.
Moorings:	Wires 8 x 270 m x 38mm. Ropes 8 x 220 m x 80mm, 2 x 250 m x 70mm
Length of Anchor Cable:	13 shackles port, 14 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.