

OSA 481 JONASTURM

Offshore Supply Association Limited



Outline Specifications

OSA 481

JONASTURM

OWNERS

DDG-HANSA BREMEN

BUILDERS

ELSFLEETHER WERFT AG, ELSFLETH

COMMISSIONED

November 1974

GENERAL

Vessel is built to German Lloyds Class + 100 A4 (E) for worldwide operations and specially designed to serve pipe laying barges, oil drilling rigs, construction barges, etc. having twin screws, twin rudders, and bow thrust unit. Vessel is able to carry a total of approximately 1,200 short tons on deck.

PRINCIPAL DIMENSIONS

Length overall 184,12ft (56,12m)
Moulded breadth 45,93ft (14,00m)
Moulded depth 17,06ft (5,20m)
Loaded draught 14,76ft (4,50m)
Gross tonnage..... 940 tons

CARGO CAPACITY

Total cargo deadweight approximately 1,500 short tons.
Deck: of special design suitable for carrying up to approximately 1,200 short tons of pipes, or other drilling equipment.
Deck space: free deck length of 111,5ft.
Bulk: 2 holds, each 2,160 cu ft.
2 holds, each 1,240 cu ft
Total bulk capacity of 6,800 cu ft
Fuel oil: about 203,000 US galls.
Drill water: about 201,000 US galls.
Industrial water: about 93,000 US galls.
Potable water: about 68,000 US galls.
(Fuel oil/Drill water tanks are partly dual purpose – 141,200 US galls.)

REFRIGERATED STORAGE CAPACITY

Deep freeze: approximately 285 cu ft at -20°C.
Cooling room: approximately 320 cu ft at +6°C.

ACCOMMODATION

Officers 5 single-berth cabins
Crew 1 single-berth cabin
2 double-berth cabins
Passengers 12

AIRCONDITIONING

Vessel is fully airconditioned for hot and cold climates.

WHEEL HOUSE

Of special design with complete remote control of main engines and bow thrust unit.

NAVIGATION EQUIPMENT

Includes Radar, Direction Finder, Echosounder, Gyrocompass, Autopilot, Radio Telephone and VHF Telephones.

ANCHORS AND CABLES

Two 2,780lbs bow anchors each with approximately 225 fathoms of 1.1/3" steel chain cable. One 2,780lbs spare anchor.

STERN CAPSTAN

Two capstans, each of 10 tons pull, 130 tons holding power are fitted on port and starboard aft.

PROPULSION

Two main diesel engines are fitted giving a total of 3,500 bhp continuous rating and 3,850 bhp maximum rating.

AUXILIARIES

Three generators driven by separate engines producing each 112 kW 220/380 Volt AC 50 cycles.

CARGO PUMPS

Potable water 21,000 US galls. hr at 200ft head
Drill water 21,000 US galls. hr at 200ft head
Fuel oil..... 15,700 US galls. hr at 200ft head
Fire fighting pump..... 10,500 US galls. hr at 200ft head
Spare pump..... 8,000 US galls. hr at 100ft head

COMPRESSOR FOR CARGO PRESSURE TANKS

Compressor delivers approximately 27,550cu ft/hr air at 35 p.s.i.

BOW THRUST UNIT

In the forepart of the vessel is a transverse bow thrust unit of 400 bhp giving a maximum thrust of 11,000 lbs.

SPEED

Maximum speed 13.8 knots at half loaded condition Construction speed 13.0 knots at fully loaded condition 142 US galls hr.

Specifications are subject to alteration without notice

Offshore Supply Association Limited

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