

SUPPLY CLASS - HDMS Gunnar Thorson



Name: Gunnar Thorson, A560
Call sign: OUDU
Homeport: Frederikshavn
Length: 56,0 m
Width: 12,30 m
Draught: 4,60 m
Gross Tonnage: 1660 tons
Mast Height: 30,0 m (low position 24,0 m)
Power (KW): 2 B&W engines, combined output at 1741 KW or 2367 hp
Bollard pull: 20 tons
Max Speed: 12 knots
Range: 3500 Nm
Minimum crew: 16 (total berth capacity)
Mobilisation time: 16 hours

Booms

3 sections of 550 m Expandi 7000. Diesel driven "power pack" for hydraulic pressure and pressurized air for the booms. 200 m to be laid in 30 minutes. 2 sections of 23,5 m EXPANDI sweep boom.

Sweep

A short section of the boom (23,5 m) can be placed on one side as a "J-section" for trapping stripes of oil pollution en route. During such an operation the speed must not exceed 1,5 knots

Skimmers

One "Terminator" fitted on crane. Hydraulic driven from ship's system. A disk skimmer can be fitted as an option.

One Destroil skimmer (type DESMI-250).

LAMOR MINIMAX 60: Portable stiff brush disc-skimmer
(For use in Harbors, Sunds and Belts (coastal line)).

Pumps

Helical pump (Archimedes). Capacity max 90 m³ /hour with the "Terminator" skimmer and 70 m³ with the "Desmi -250" skimmer. Pump capacity depends of actual viscosity of pollution.

Cargo pumps capacity: two pumps type "Rotan HD152 ERM", each with a capacity of 60 m³ /hour at 10 bar.

Oil storage

Total storage capacity on 310,7 m³. Heated capacity is 219,2 m³.

Dispersant capacity

Two tanks, each 19 m³. Note that dispersant is normally not onboard and must be delivered by own national authorities