

Warrior

Technical Specification



Tug Warrior was designed and built to work in some of the worst seas in the world - the Northern Baltic Sea, the Arctic Ocean and the Barents Sea. She is capable of staying at sea for up to three months at a time. Built in 1964 by Schichay GMBH Bremerhaven (Germ Lloyd +100 A4, K E+), she was rebuilt and re-engined 1977 (Bureau Veritas +100A4 M E2 Tug + MC E1) .

Specifications PTO

WARRIOR

Dimensions

LOA ~ 30.53m
Beam ~ 9.4m
Draught ~ 3.9m

Registered Tonnage

206 tonnes gross
61 tonnes net
500 tonnes displacement,
fully loaded

Engine

Deutz RBV6M 358
1600 BHP/2200 IHP @
310 RPM
Capable of rotating
clockwise and counter-
clockwise, obviating the
need for a gearbox

Steering

Bridge controlled direct
reversing, Single fixed
prop in steering Kort
nozzle

Speed

12knots unencumbered

Fuel Capacity

98 tonnes in six tanks
giving a range of 10,000
miles unencumbered

Fuel Consumption

2.4 tons @ 250 rpm free
running (10 knots); 6 t
@ 100% towing.

Water

28 tons in five separate
tanks

Generators

One Deutz 100hp 73kw
DC genset
One GM 100hp 58kw
DC genset
One Perkins 30kva three
phase AC genset
One Lister 30kva three
phase AC genset
One emergency 6 kva
diesel AC genset

Valiant 5m Rib

40hp Mariner outboard
engine
capable of 25 knots
Navigation lights
GPS
Colour chart plotter
Depth sounder
VHF radio
First Aid equipment
Flares

Towing

One main tow winch
76 ton brake 24 ton pull
750m x 36mm wire cable
One Deutz V6 diesel
hydraulic power pack for
main tow winch operation

One electrically operated secondary tow winch & capstan, (25 ton pull)

Crane

Grove 9 tonne hydraulic crane
8 ton @ 2m
1.5 tonne at full extension(2m)
Capable of lifting equipment on and off the ship, and moving it around the after deck

Fire Protection System.

Dansk Type 159 fire alarm system with sensors throughout the ship
Fire Pro remote activated chemical extinguishers fitted in engine room (New)
CO2 and Dry powder extinguishers fitted throughout the ship.
Main fire pump in engine room, outlets two on main deck, one in engine room.
Portable emergency fire pump complete with hoses & nozzles stored on main deck.

Electronic Nav Aids

Raytheon Pathfinder R80 Radar, 48 mile range.
(New)
Furuno GP-31 GPS Navigator, linked to chart plotter. (New).
Krup Type 570 commercial depth sounder, (original).
Two Icom IC-M505 VHF Transceivers, one bridge mounted, one rib mounted.
One Simrad HD 52 hand held DSC VHF Radio Transceiver, bridge mounted.
Navitron Systems Ltd, NT951G Autopilot system.

Safety

Epirb
Two 12-person life rafts
Life jackets
Line throwing equipment
Flares
Comprehensive First Aid equipment
CCTV System covering engine room and aft deck