

Whalsa Lass

Multipurpose Anchor- Handling Tug / Workboat
Call Sign – 2EZQ4

Built 2011
MMSI 235.089.425



General

Type of vessel : Damen Multicat®2611
Builder : Damen Shipyards Hardinxveld
Yard No. 571661
Basic Functions : Anchor handling, dredger service, supply,
Towing, hose handling, survey, ship assist
Classification : Bureau Veritas I*Hull•MACH Tug
: Unrestricted Navigation
: Nat. Authorities
: MCA workboat Category 1
: 150 miles from shore

Dimensions

Length o.a. : 26.00m
Beam : 11.50m
Depth at sides : 3.50m
Draught aft : 2.25m
Displacement : 515 ton (m)
Free deck space : 160m²
Deck Loading : 10t/m²

Tank Capacities

Fuel oil : 119.00m³
Fresh water : 49.00m³
Ballast water : 60.00m³
Black/grey water : 9.20m³
Dirty oil : 2.00m³

Performances

Bollard Pull Ahead : 37.2 tons (Certified)
Bollard Pull Astern : 24 tons
Speed : 10.1 knots

Propulsion System

Main engines : 3 x Caterpillar C32 TTA
Total power : 1902 bkW at 1800 rpm
Gearboxes : 3 x Reintjes WAF 464 5.591:1
Propulsion : 3 x fixed pitch props in nozzles, 1700mm
Bowthruster : Hydraulically driven 200kW, 360°

Auxiliary Systems

Generator sets : 2 x Caterpillar C 04.4 107kVA each
Hydraulic power : Caterpillar C18 375kW
Transfer pumps : Fuel & Fresh Water 50m³/hr

Deck Lay-out

Deck cranes : 2 x Heila HLRM 230 3SL | 10 T @ 16.5m
Towing winch : 50T pull, 90T brake | 650m x 40mm
Anchor handling : 100T pull, 150T brake | 150m x 44mm
Tugger winch : 13T pull | 75m x 20mm
Hydraulic pop-ups : Fore deck – 1 x fork & 2 x guide pins
: Aft deck – triple pin type
Towing hook : Mampaey DCX 33T (Stern)
: Mampaey DCX 7T (Bow)
Bow roller : 100 T SWL 5m, Ø 1000mm
Stern roller : 60 T SWL 2m, Ø 760mm
Capstan : WK 5 tons

Accommodation

Comfortable heated and air-conditioned accommodation
For 6 persons, in 3 cabins, galley, sanitary facilities, etc.

Navigation & Communication

Radar system : 1 x Furuno FR 2117 6' (ARPA)
: 1 x Furuno FR 8062 4'
Compass : Cassens & Plath
Gyrocompass : Anschuetz 22
Echosounder : Furuno FE 700
DGPS : Furuno GP-150D
Chart Plotter : Transas Navisailor 3000ECS
Autopilot : Radio Zeeland, Sea Pilot 75
Speedlog : Furuno DS-80
Navtex : Furuno NX 700
VHF : 2 x Sailor RT 6222 / DSC
VHF handheld : 3 x Icom BC-166
VHF GMDSS : 2 x Jotron Tron TR20
Inmarsat-C : 2 x Sailor TT-3000E
AIS : Furuno FA-150 Class A
SSB : Furuno FS-1570
Intercom : Radio Zeeland Sigma 700 (7 stations)
UPS system : APC 1600W – 220V
GSM cellphone, email & internet (coastal)

Additional

Spud poles : 2 x Ø 650mm, 15m
Seabed levelling/dredging : Aft Portal A-frame (1 x 60t SWL or 2 x 30t SWL)