



SHALLOW WATER WORK VESSEL / MULTICAT



PRINCIPAL PARTICULARS

Built	2008
Builder	Al Bwardy Marine Engineering
Flag	Bahrain
Class	BV
IMO No.	9528809
GRT	316
NRT	94
Bollard Pull (T)	18

MACHINERY

Main Engines	2x Caterpillar 3412N, 720 HP @ 1800 RPM
Generator	3x Caterpillar C4.4, 86kW, 220V, 380V, 50Hz
Deck Generator	1x Olympian GEH 275-2, 275kVA/220kW
Gearbox	2x Reintjes WAF 364L
Propellers	2x Four Blade Fixed Pitch in Kort Nozzles

DECK EQUIPMENT

A/H Winch	1x Single Drum, Remote Controlled, 80 T
Towing Wire	400 m x 38 mm
Tugger Winch	1x 8 T
Capstain	1x 10 T
Tow Hook	1x 25 T SWL, Automatic Release
Anchor Windlass	1x Hydraulic
Anchor	2x 480 kg, Stockless Bower Anchor
Deck Crane	1x Heila HLRM 200-4SL, Knuckle Boom 22.5 T @ 7.76 m, 17.4 T @ 9.92 m, 9 T @ 16.31 m
Bow Roller	Available

PUMPS & DISCHARGE CAPACITIES

F.W. Hydrophone	3 m ³ /hr @ 25m Head, 1.5 kW, 1450 RPM
S.W. Hydrophone	3 m ³ /hr @ 25m Head, 1.5 kW, 1450 RPM
Sewage Pump	5 m ³ /hr @ 15m Head, 1.5 kW, 2900 RPM
Fuel Oil Pump	10 m ³ /hr @ 25m Head, 2.2 kW, 2900 RPM
Bilge Pump	25 m ³ /hr @ 30 m Head, 5.5 kW, 2900 RPM
Fire Pump	25 m ³ /hr @ 30 m Head, 5.5 kW, 2900 RPM
Fresh Water Pump	120 m ³ /hr @ 25 m Head, 15 kW, 2900 RPM
Diesel Pump	120 m ³ /hr @ 25 m Head, 15 kW, 2900 RPM

ACCOMMODATION

10 persons

PRINCIPAL DIMENSIONS

Length (m) LOA/LBP	30.00
Breadth (m)	12.00
Depth (m)	3.50
Max. Draft (m)	2.80

CARGO CAPACITIES

Fuel Oil (m ³)	126
Potable Water (m ³)	110
Sewage Tank (m ³)	3.99

DECK LOAD CAPACITY

Clear Deck Area (m ²)	160
Wooden Sheet Area (m ²)	80
Deck Strength (t/m ²)	10

SPEED & CONSUMPTION

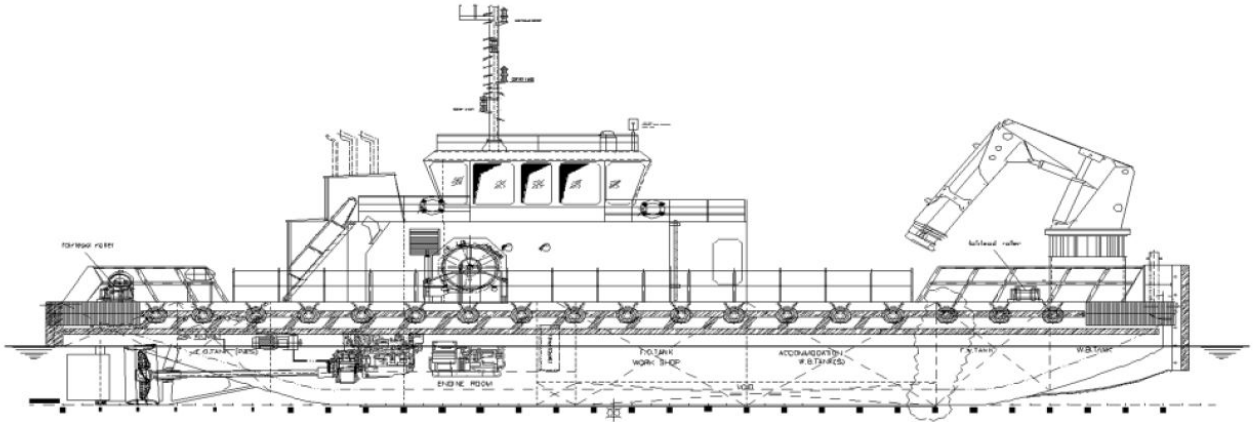
Max. Speed (Knots)	10
Towing Speed (Knots)	5
Daily Top Speed Consumption (MT)	4.3
Daily Towing Speed Consumption (MT)	4.5
Daily Standby Consumption (MT)	0.3

NAVIGATION EQUIPMENT

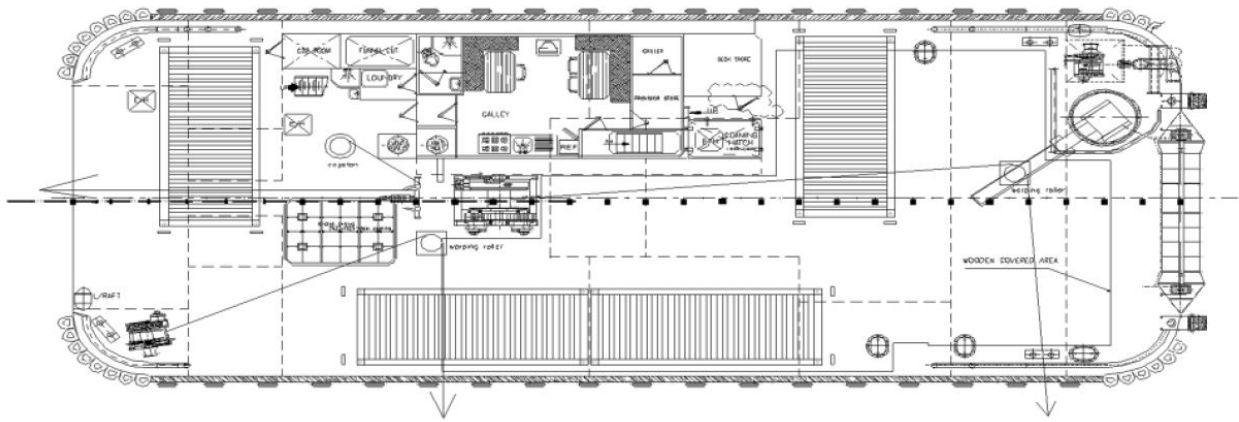
Radar	1x Kodon MDC 1810P
SSB Radio	1x Samyung SRE 150DN+DSC
VHF Radio	2x Sailor RT2048+DSC
GPS	1x Kodon KEP 220
Magnetic Compass	2x Lillie & Gillie
Echo Sounder	1x JMC F2000
Navtex Receiver	1x JMC NT1800
Portable VHF	3x ACR 2726H
AIS	1x Samsung S7-30
LRIT	1x Sailor 4000 TT
EPIRB	1x ACR
SART	2x ACR Pathfinder3



GENERAL ARRANGEMENT PLAN - SEA CAT



SIDE VIEW



TOP VIEW DECK LEVEL