



SHALLOW WATER WORK VESSEL / MULTICAT



PRINCIPAL PARTICULARS

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

MACHINERY

Main Engines	2x Caterpillar 3412N, 720 HP @ 1800 RPM
Generators	3x Caterpillar C4.4, 86 kW, 220 V, 380 V, 50 Hz
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

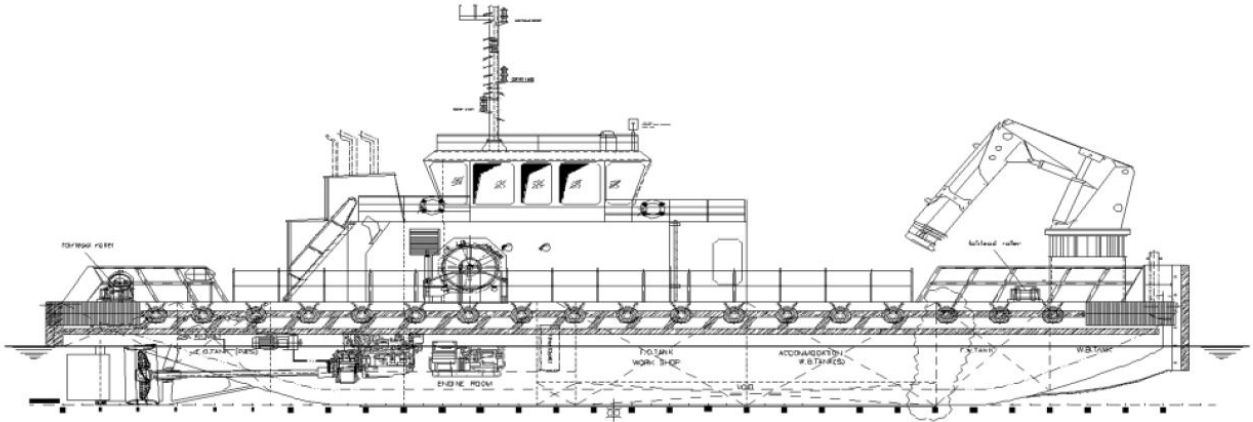
Max. Speed (Knots)	10
Towing Speed (Knots)	5
Daily Top Speed Consumption (MT)	4.3
Daily Towing Speed Consumption (MT)	4.5
Daily Standby Consumption (MT)	0.3

NAVIGATION EQUIPMENT

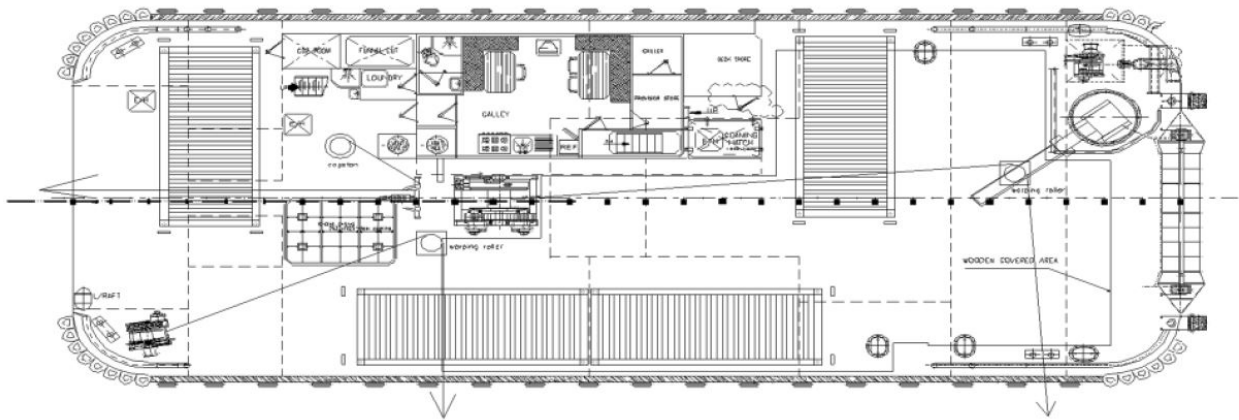
Radar	1x Kodon MDC 1810P
SSB Radio	1x Samyung SRE 150DN+DSC
VHF Radio	2x Sailor RT2048+DSC
GPS	1x Kodon KEP 220
Magnetic Compass	2x Lillie & Gillie
Echo Sounder	1x JMC F2000
Navtex Receiver	1x JMC NT1800
Portable VHF	3x ACR 2726H
AIS	1x Samsung S7-30
LRIT	1x Sailor 4000 TT
EPIRB	1x ACR
SART	2x ACR Pathfinder3



GENERAL ARRANGEMENT PLAN - SEA CAT



SIDE VIEW



TOP VIEW DECK LEVEL