

General Description

The vessel is designed for assisting large seagoing vessels in harbours and coastal waters, and is also fitted out for offshore towage and fire-fighting operations.

The vessel is of all steel construction with a single main working deck aft and a single tier deckhouse forward. The main machinery space is located amidships and potable water and fuel tanks are arranged as shown on the General Arrangement plan.

The vessel is powered by an azimuth stern drive propulsion system consisting of two main diesel engines connected to drive shafts and Z-drive propulsion units with fixed pitch propellers in high efficiency nozzles.

Principal Particulars

Length overall	: 25.80 m	Range	: 700 nmiles @ 6 knots
Length water line	: 22.62 m		towing speed
Beam moulded	: 9.50 m	Class	: ABS
Depth moulded	: 5.00 m	Fuel Oil	: 80 m3
Draft designed	: 3.50 m	Potable Water	: 12 m3
Maximun draft	: 4.00 m	Foam	: 7.0 m3
Complement	: 8 men	Lubricating Oil	: 1.5 m3
Speed	: 10.75 knot	Oily Water	: 2.0 m3
G.T	: 198 ton	Dirty Oil (Sludge)	: 1.5 m3
Endurance	: 5 days		

Performance

Bollard pull : about 40 tonnes



Class Notation

ABS class +A1 (E), +AMS as "TOWING VESSEL" Unrestricted Service

Main equipments

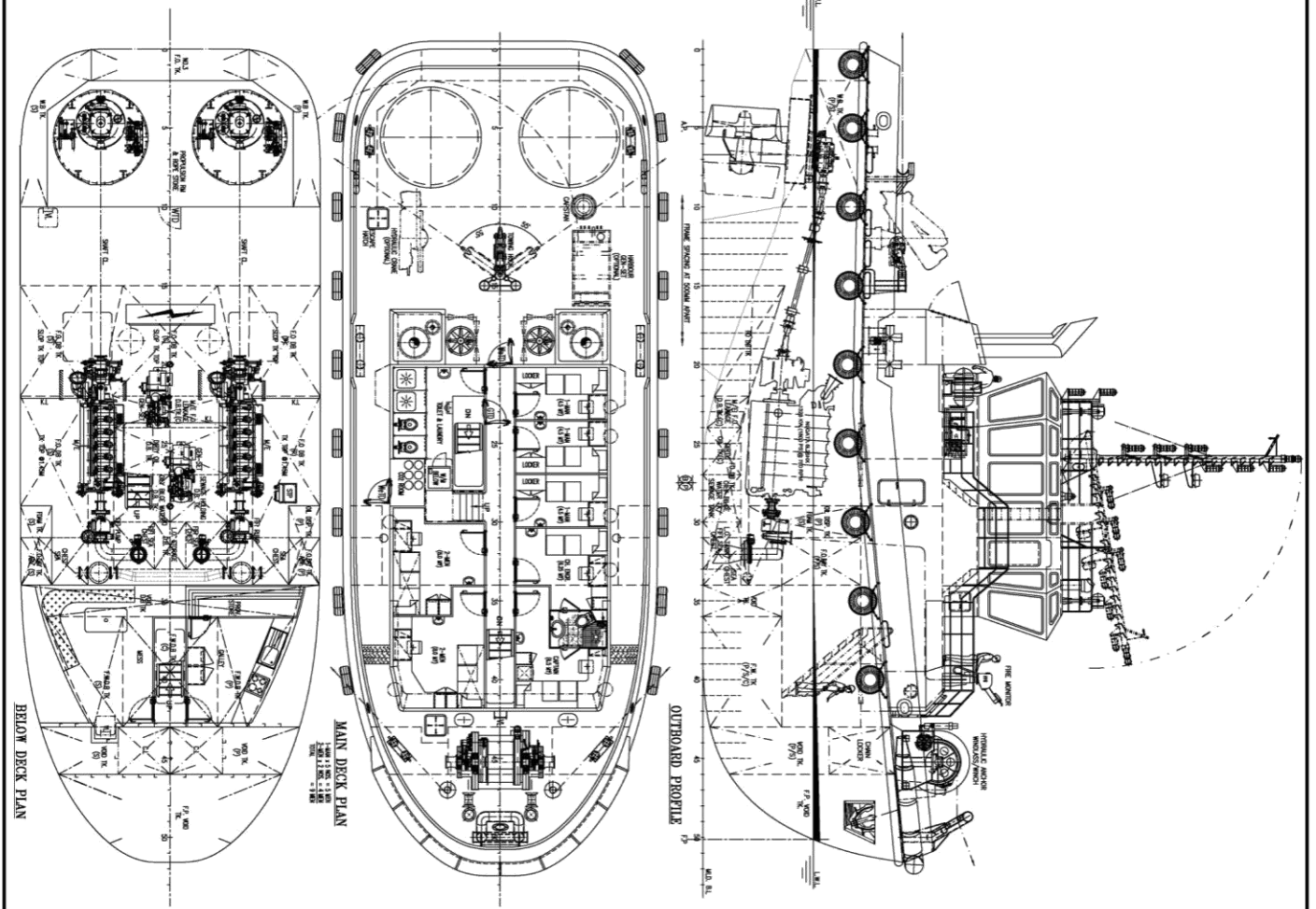
Main engine:	2 sets, 1800PS at 900 rpm
Azimuth thrusters:	2 sets, 1750PS
Main generator:	2 sets, 130 kw, 380 V - 3 phase / 50 Hz
Fire-fighting pump:	1 set, 30 m ³ /hr at 40M total head
Emergency fire pump:	1 set, 11 m ³ /hr @ 25M head
Anchor windlass:	1 set, electro-hydraulic, winch single drum with double warping heads & double gypsies
Liferaft:	2sets, 8 persons
Lifebuoy:	8 sets
Lifejacket:	16 sets
EEBD:	6 sets
Radar:	1 set, Furuno 48NM radar
GPS:	1 set, Furuno GP-80
Echo sounder:	1 set, FE-700 6.5 inch
AIS:	1 set, Furuno FA-100
Navtex Receiver:	1 set, ICS Nav.-5
VHF Radios:	2 sets, HH985
EPIRB:	1 set, E3 406Mhz
SART:	1 set
GMDSS:	1 set, Furuno FM8500 Marine VHF Transceiver 25w semi-duplex GMDSS (W/DSC - 8V build in)





JANTLE MARINE

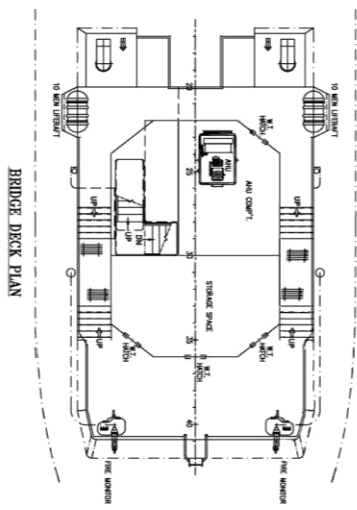
www.jantlemarine.com



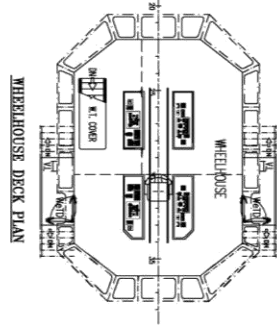
BELOW DECK PLAN

MAIN DECK PLAN

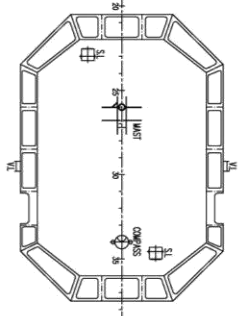
OUTBOARD PROFILE



BRIDGE DECK PLAN



WHEELHOUSE DECK PLAN



WHEELHOUSE TOP

DESCRIPTION	QUANTITY		DIMENSIONS	
	NO.	UNIT	NO.	UNIT
ENGINE / DIESEL ENGINE	1	1	1.5	1.5
GEN. DIESEL ENGINE	1	1	1.5	1.5
WATER DIESEL ENGINE	2	2	1.5	1.5
WATER DIESEL ENGINE	2	2	1.5	1.5
TOTAL COMPARTMENT			9	

CLASS: IARS & A+A.M.S. (IPL-1, BR-0)

PRINCIPAL PARTICULARS	
LENGTH O.A. (M/D)	25.80 M
LENGTH B.P.	22.82 M
BREADTH M/D.	9.50 M
DEPTH M/D.	5.00 M
DRAUGHT DESIGN	3.50 M
DRAUGHT MAX.	4.50 M
F.O. TK.	70 M ³ (APPROX.)
F.W. TK.	30 M ³ (APPROX.)
COMPLEMENT	9 MEN
ROLLARD PULL	APPROX. 45 TONNES
SPEED	APPROX. 11 KNOTS

GENERAL ARRANGEMENT			
PROJECT	26M ASD TUG		
DATE	13.02.2018	SCALE	1:75
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