

PRINCIPAL PARTICULARS

Year Built	2010
Class	Bureau Veritas-BV
Notation	I + HULL + MACH Tug, Fire Fighting Ship Water Spraying/Anchor Handling Summer Zone
Flag	Liberia
GRT / NRT	1161T / 348 T

DIMENSION

Length overall	48.00 m
Breadth	13.20 m
Depth	6.75 m
Draft (Design)	4.5 m
Air Draft (On max draft)	22.75 m

TOWING / DECK EQUIPMENT

AHT winch	Double Drum, Electric Hydraulic
Towing Drum wire	1000 meters x 56 mm
Anchor Handling Drum	1000 meters x 52 mm
Drum Pull 1st Layer	150 Tons
Stern Roller	1500 mm Dia. x 5000 mm length
Quick release towing hook	1 x Heavy duty fitted a mid ship
Windlass	1 hydraulic, double gypsy with single
	Mooring drum 120 t brake holding
	Capacity (400 meters x 80 dia PP rope)
	2 x 10 tons
Tugger winch	1 compact towing pin
Towing Pin	200 tons
Shark Jaw	2 x 5 metric tons pull
Capstan	1 x Electro- hydraulic, SWL 10T @11m
Main Crane	

MACHINERY / PROPULSION SYSTEM

Main Engines	2 x Rolls Royce Bergen KRMB-8 2 x 2480 HP @ 825 RPM Total: 4960BHP
Propulsions	2x Rolls Royce Azimuth Stern Drive - Aquamaster 2 x CPP in Kort Nozzle
Generators	3 x 400 kW, 3ph, 50hz
Bow Thruster	2 x CAT Hydraulic Driven, 7 720 BHP each, Total 1450 BHP 5 ton thrust each, Total 10 tons

CAPACITIES

Fuel oil	500 m3
Fresh water	280 m3
Deadweight	682 T
Clear Deck Area	220 m2
Dry Provision	20 m3
Freezer/Chiller	5 m3/ 4 m3

PERFORMANCE

Bollard Pull	62.2 MT
Service Speed	12.00 knots
Fuel Consumption	Free Running : 6.9MT @700rpm
Towing/Full load	9.5MT @ 700rpm

ACCOMMODATION

Single Cabin	2 Cabin
Twin Cabin	3 Cabin
4 Men Cabin	4 Cabin
Total	24 men
Hospital	1 cabin

NAVIGATION / COMMUNICATION EQUIPMENT

Gyro compass
Intercom
Autopilot
EPIRB
Radar
GPS
Echo Sounder
SSB Radiotelephone
GMDSS
VHF
Speed Log
Public Address

FIRE FIGHTING / SAFETY EQUIPMENT

FIFI	Class 1
Fire station/Extinguisher	As per SOLAS requirement
Water Sprinkler	For all areas
Life Rafts/Jackets	As per SOLAS requirement
Fast Rescue Craft	1 no. for 15 persons

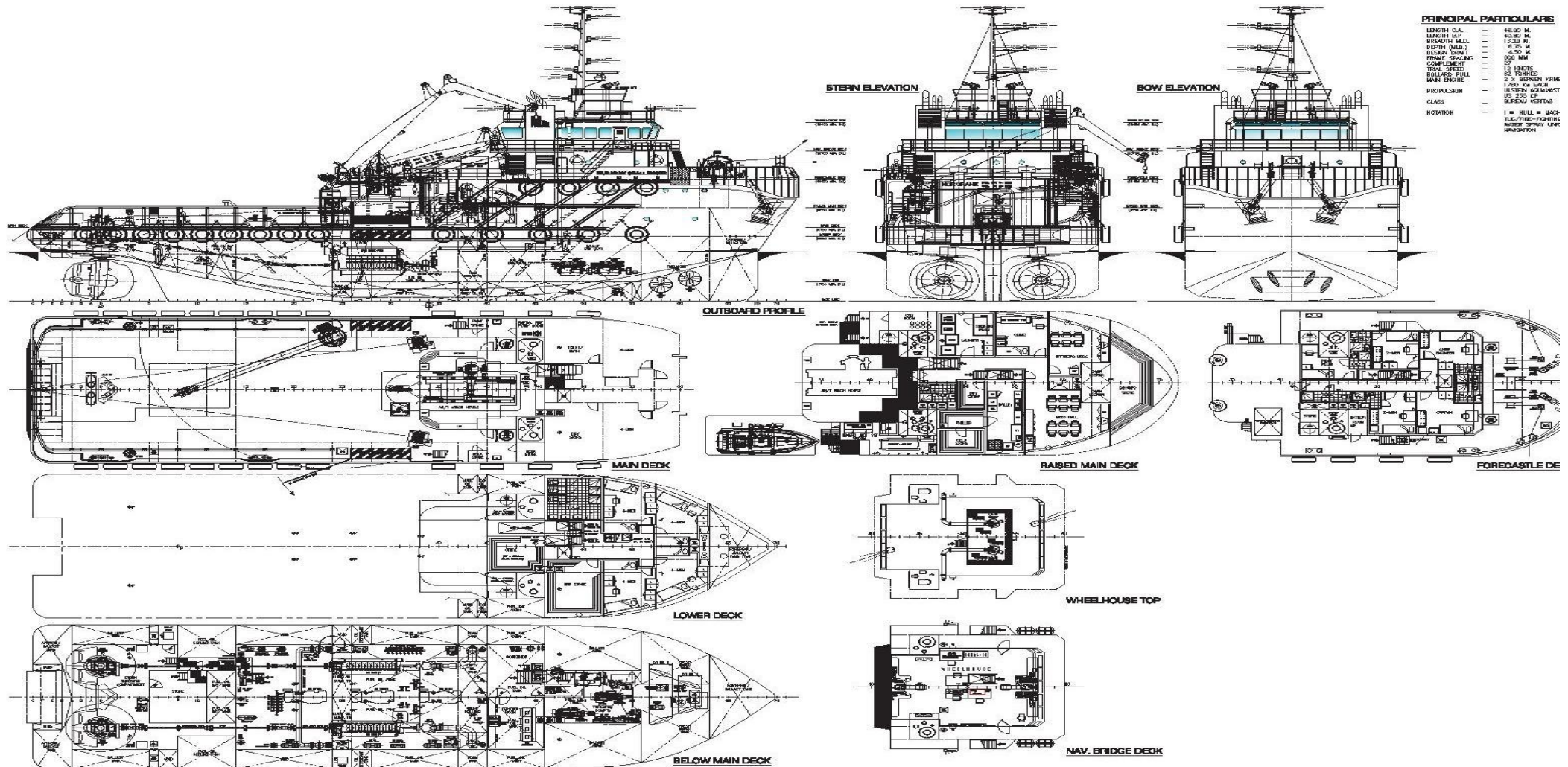
i SEDNA

48M, 4960 BHP ASD ANCHOR HANDLING TUG, FiFi-1

indus

MARINE

Propelled by Passion! Steered by Excellence



PRINCIPAL PARTICULARS

LENGTH O.A.	46.00 M.
LENGTH B.P.	40.00 M.
BREADTH M.O.L.	13.20 M.
DEPTH M.O.L.	6.75 M.
DESIGN SPEED	8.50 Kt.
FRAME SPACING	800 MM.
COMPLEMENT	12 KNOTS
TRIALS	23 TONNES
BILGEWAY FILL	2 X BERGEN KIRKE
MAIN ENGINE	1700 Kw GMCI
PROPULSION	ULSTEIN AZIMUT
CLASS	ITS 200, CP
NOTATION	1 M. HULL M. MACH. TUG/FIRE-FIGHTING WATER-SPRAY UNIT MANDATOR