

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT949 OFFSHORE FPSO SUPPORT AH TUG

GENERAL INFORMATION

Vessel Type	Offshore FPSO Support/AH Tug
Class	ABS + A1, E, + AMS, UWILD, AH, Towing Vessel, Firefighter 1, SPS, DP-2
L.O.A	49.66 m
L.B.P	40.80 m
Beam	15.50 m
Depth	7.70 m
Draft Design	5.50 m
Deadweight	900 t

CAPACITIES

Total Deck Area	200 m ²
Fuel Oil (Ship)	590 m ³
Potable Water (Ship)	290 m ³
Water Ballast	845 m ³
Dispt	15 m ³
Deck Area	200 m ²

ACCOMMODATION

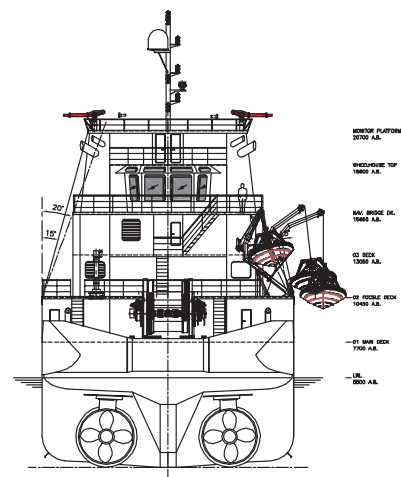
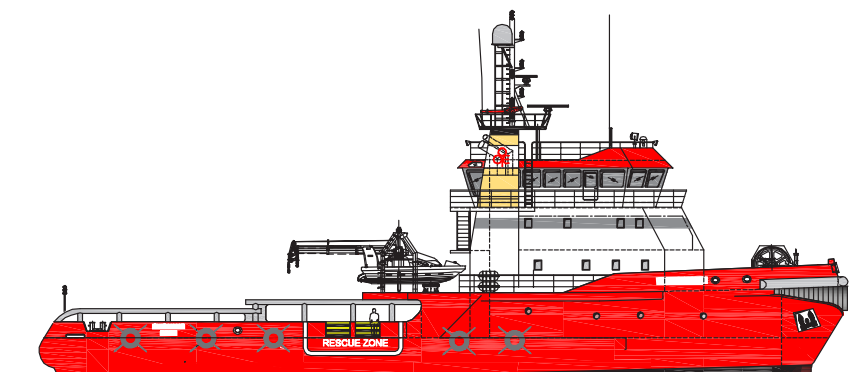
Cabins	40 crew in 2 suites, 2 x single cabins, and 9 x 4-berth cabins.
Accommodation	Ships Office, Mess room, Dayroom, Hospital, Office, etc.

PROPULSION CONFIGURATION

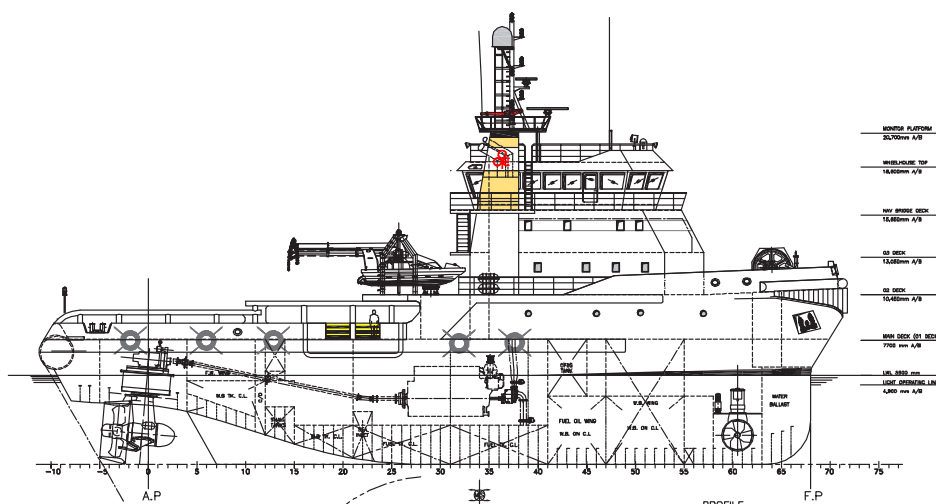
Generators	2 x	900 kW + 1 x 500 kW, 440v/3/60
Main Engine	2 x	3060 kWm Yanmar Diesel Engines
Main Propulsion	2 x	CP Prop Niigata Azimuths
Bow Thruster	2 x	450 kW CPP Tunnel
Service Speed	12.5	knots
Bollard Pull Ahead	105	tonnes
Bollard Pull Astern	98	tonnes
External Fire Fighting		FIFI 1

DECK EQUIPMENT

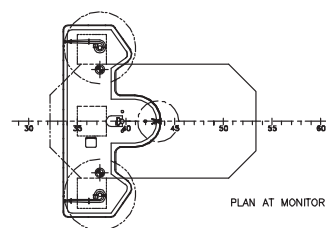
AHT Winch	200	t Brake load two drum waterfall AHT winch, each drum 120 tonnes pull 1 st layer @7.2 m/min, 1200 m x 64 mm diameter wire
Bow Winch	100	t Pull 250 m synthetic rope
Capstan	2 x	10 t pull @ 11m/min
Karm Forks/Tow Pin Unit	1x	200 t
Gobeye	1 x	200 t
Smit Bracket	1 x	200 t at Bow
Tugger Winch	1 x	10 t
Stern Roller	1 x	1000 mm dia 4.2 m long
Deck Crane	1 x	2 t @ 9.0 m radius.



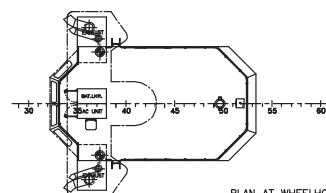
STERN VIEW - looking forward



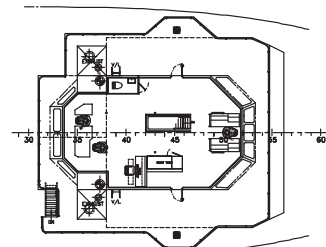
- MONITOR PLATFORM
30.700m A.B.
- WHEELHOUSE TOP
18.000m A.B.
- NAV BRIDGE DECK
15.000m A.B.
- 02 DECK
12.000m A.B.
- 01 DECK
10.000m A.B.
- MAIN DECK (01 DECK)
7.000 m A.B.
- WATER BALLAST
1.000 m A.B.



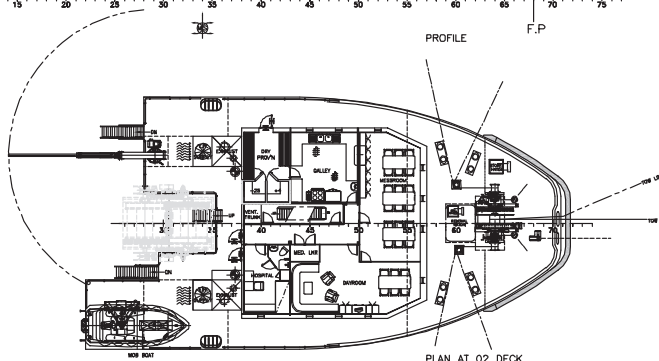
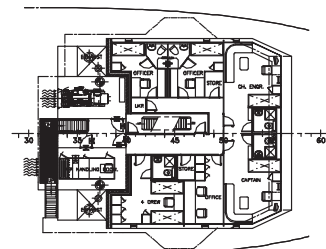
PLAN AT MONITOR PLATFORM



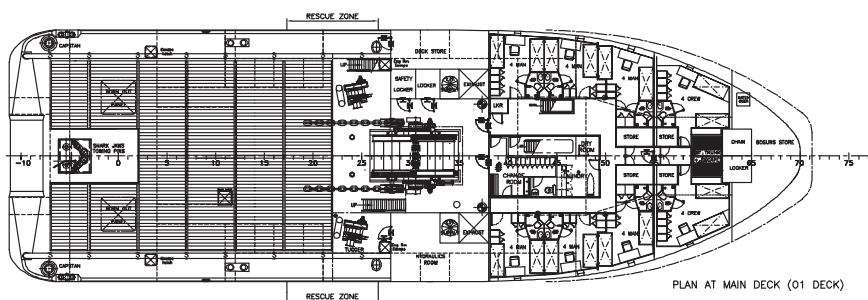
PLAN AT WHEELHOUSE TOP



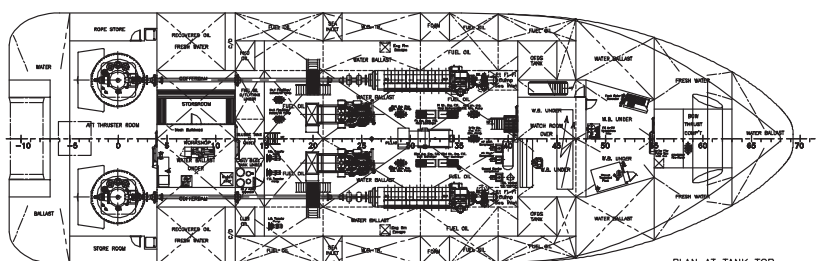
PLAN AT NAV. BRIDGE DECK.



PLAN AT 02 DECK



PLAN AT MAIN DECK (01 DECK)



PLAN AT TANK TOP

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