

BAR

TECH30

30M SWA PROA HYBRID CREW TRANSFER VESSEL



GENERAL

Vessel Type	30m SWA Proa Hybrid Crew Transfer Vessel
Hull material	Aluminium
Features	BAR Technologies Patented Dynamic Foil Stabilisation & Optimisation System Tower Push on with bow bumper
Classification	BV/ As required
Passengers	24
Crew	3-6

DIMENSIONS

Length overall	30m
Beam overall	10.9m
Draught	1.5 m
Displacement MOC	78 t
Displacement Full Load	95 t
Cargo Deck Area	62m ² 2x 10ft Containers

TANK CAPACITIES

Fuel Oil	16 m ³
Fresh Water	1.0 m ³
Grey Water	0.5 m ³
Black Water	0.5 m ³

PROPULSION SYSTEM

Main Engines	2 x Caterpillar C32's
Total Power	2160 kW (31 kts max speed*) 983 kW (20 kts speed*)
Propulsion	Hamilton HM651's, Hybrid, Jet Anchor DP
Manoeuvring Propulsor	1x Thruster Unit

PERFORMANCE

Max Speed	31 kts
Fuel Burn - Max Speed	501l/hr*
Fuel Burn - 25 knots	329l/hr*
Fuel Burn - 20 knots	238 l/hr*
Range - Max Speed	913 Nm
Range - 25 knots	1216 Nm

OPERATIONAL LIMITS

Up to 2.5m Hs
Tower Bollard Push - 12 tonnes

ACCOMMODATION

Bridge Deck	Wheelhouse, crew lounge
Main Deck	24 seat lounge, sanitary spaces, luggage store
Lower Deck	2x Double crew cabins, sanitary spaces, stores

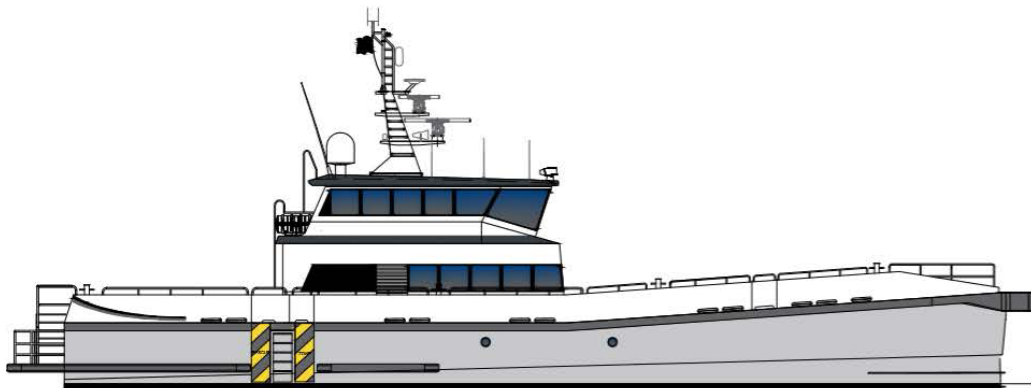
PASSENGER COMFORT

Seating	24 x "Modell" Bahama Diplomat Business Class Seating (HSC 2000 Approved)
Bathrooms/ Showers	2

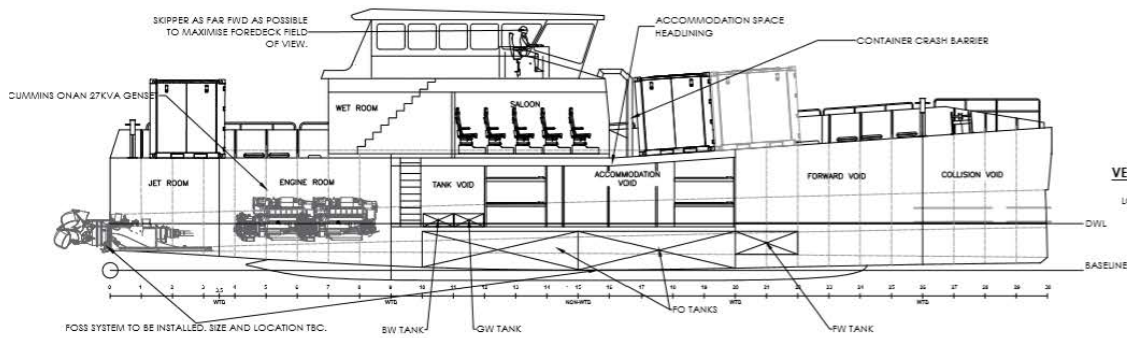
EQUIPMENT

Crane	Knuckle boom crane
-------	--------------------

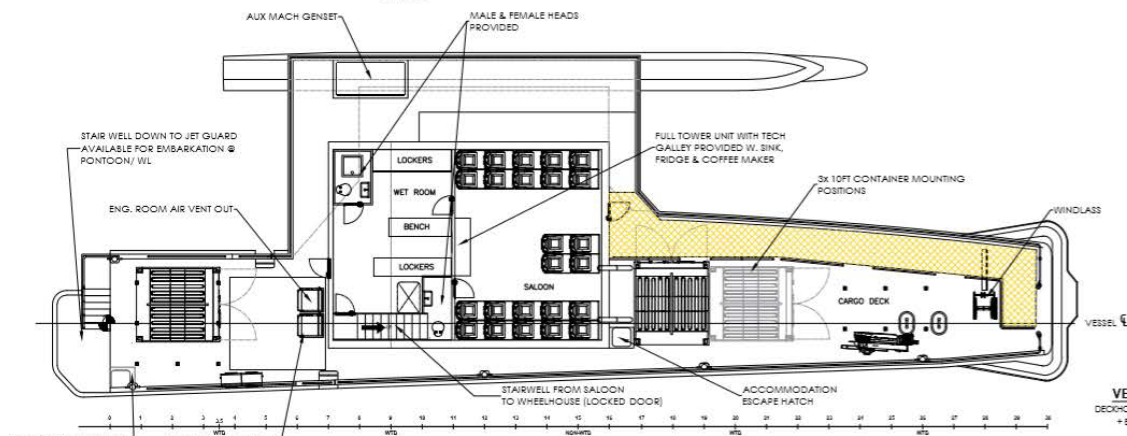
* Range at 84.5te, Top Speed at 84.5te



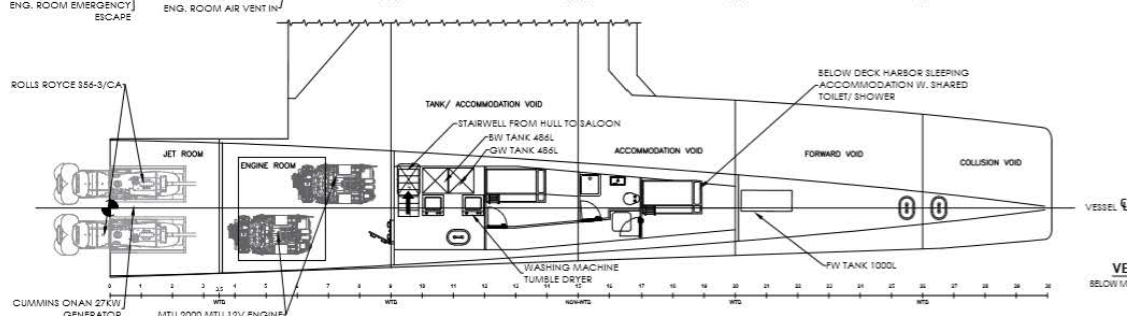
VESSEL PROFILE
SIDE VIEW
LOOKING TO PORT



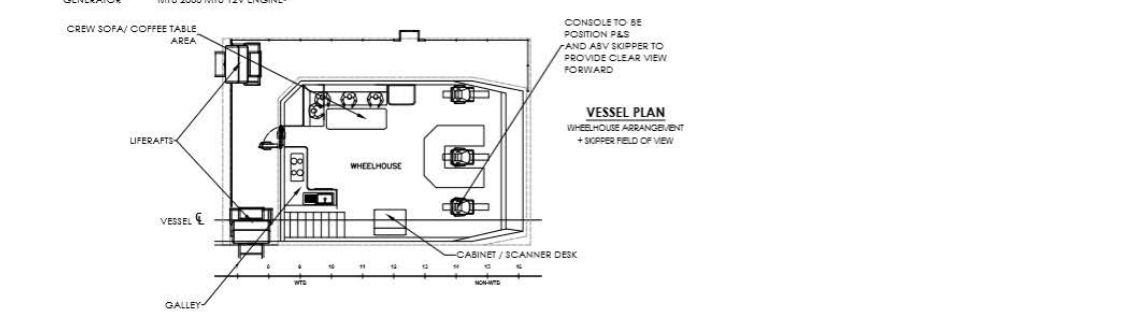
VESSEL PROFILE
SECTION VIEW
LOOKING TO PORT



VESSEL PLAN
DECKHOUSE ARRANGEMENT
+ EXTERIOR DECK



VESSEL PLAN
BELOW MAIN DECK PORT ONLY



VESSEL PLAN
WHEELHOUSE ARRANGEMENT
+ SKIPPER FIELD OF VIEW