

SAMSON VII

Multicat / 32T Bollard Pull

GENERAL

Year Built	2009
Flag	Singapore
Type of Vessel	Multicat
Classification	BV Tug - Unrestricted Navigation

DIMENSIONS

Length Overall	26m
Length Between Perpend	23.99m
Breadth	11.5m
Depth	3.5m
Maximum Draft	2.2m
Gross Tonnage	290T

PROPULSION (3 X FIXED PITCH PROPELLERS)

Main Engines	3 x Yanmar 6AYM-ETE / 829 BHP @ 1900rpm each
Total Output	2,487 BHP
Gearboxes	3 x Reintjes WAF 364 5:1
Bowthruster	Hydraulically driven, 315 BHP, 360° Water Jet Propulsion

PERFORMANCE

Speed	6 knots Maximum
	5 knots Economical
Bollard Pull	32T

DECK EQUIPMENT

Deck Crane 1	Heila HLRM 240T/2SL, 13.7T at 14.3m
Deck Crane 2	Heila HLRM 140T/3s, 10T at 12.25m
Towing Winch	500m x Ø36mm, 30T pull
Anchor Handling Winch	100m x Ø50mm, 80T pull
Capstans	2 x 15T
Tugger Winch	15T Hydraulic
Shark Jaws	For 3" Chain Max
Towing Pins	Fore and Aft
Bow Roller	For work load of 80T, 5.4m x Ø1.20m (200T S.W.L.)
Stern Roller	For work load of 30T, 1,50m x Ø0.70m (60T S.W.L.)
Spud-fittings	2 x Ø550mm
*Pre-installation for 4 point mooring	
*Deck floor fully covered with interchangeable wooded inserts, a/h area reinforced steel	

ACCOMMODATION

Cabins	3 Cabins
Type	Double
Maximum Crew	6 Persons
*Galley, sanitary facilities, air conditioning (heat & cold)	



AUXILIARIES

Diesel Generator	1 x Iveco 520 BHP @ 1500rpm for hydraulics
	1 x Emergency Electro-hydraulic Group of 70cv
Generators	2 x Iveco 100kW, 50Hz 230/400V, 1500rpm
Port Generator	1 x Yanmar 20kVa (soundproof)
Transfer Pumps	1 x 60m³/h FW
Sewage Treatment Plant	Ecomar 8, loys approved to IMO resolution MEPC.159(55)

TANK CAPACITIES

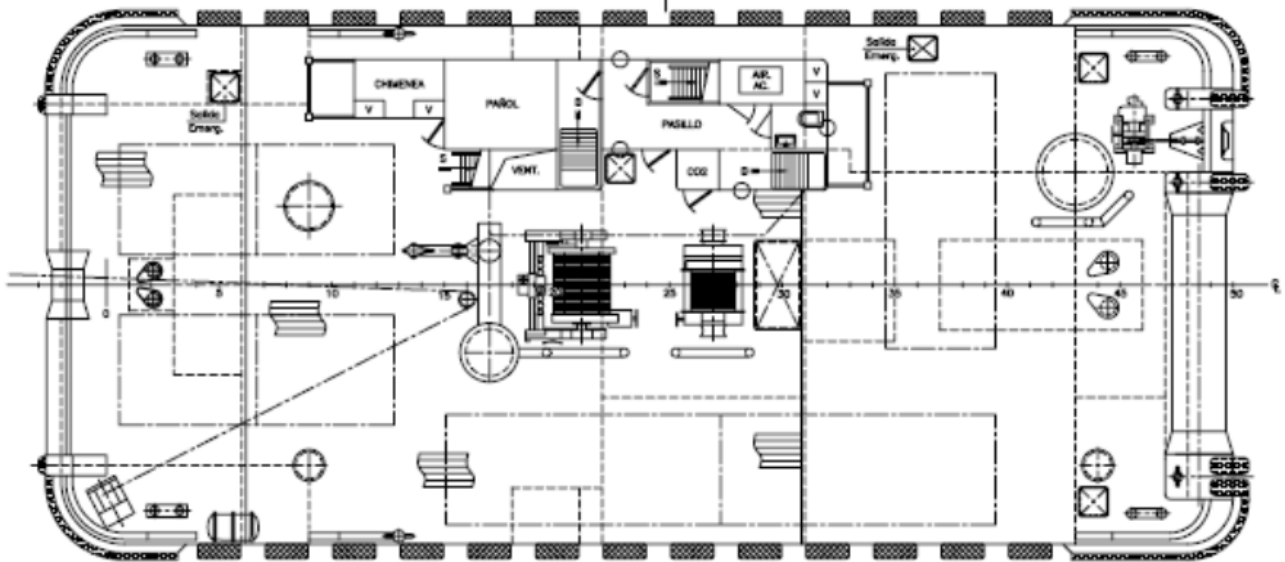
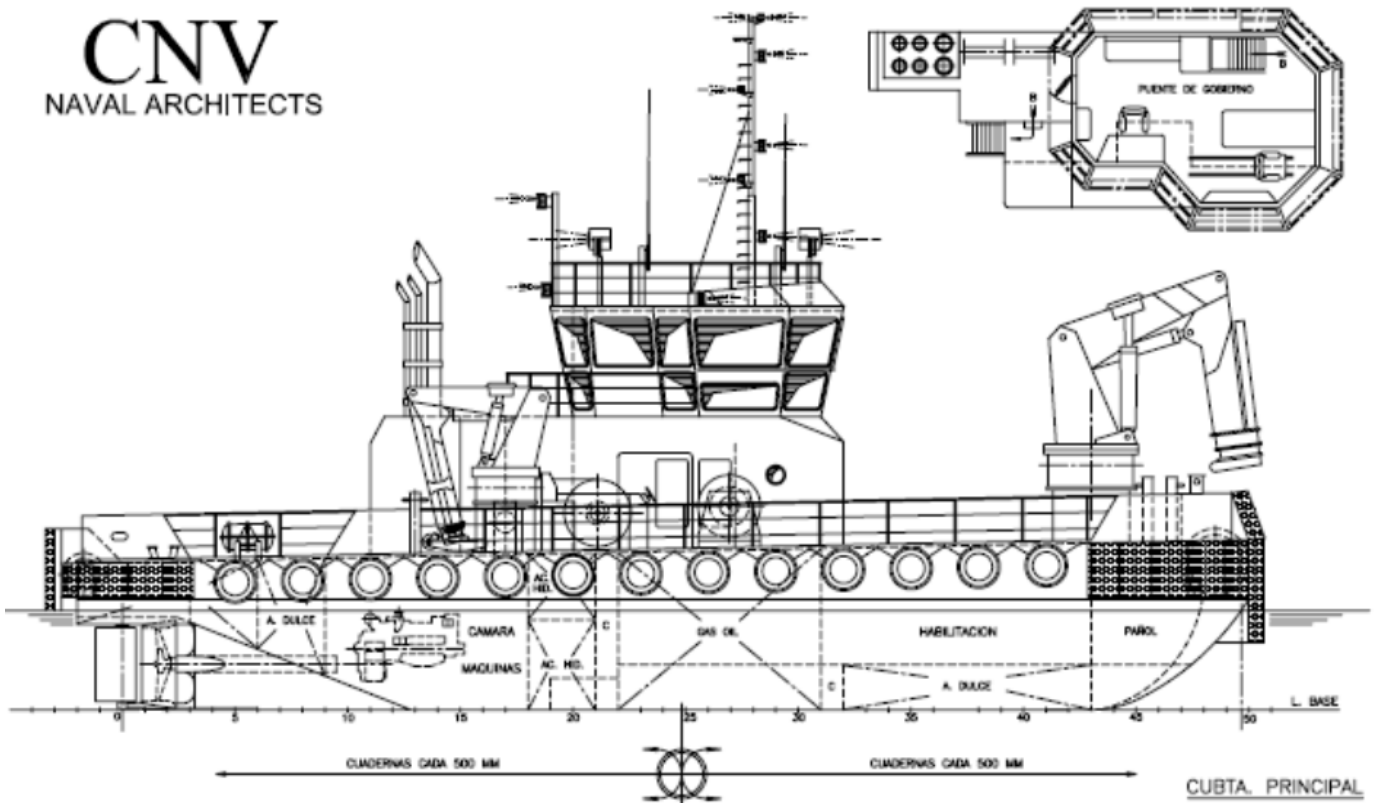
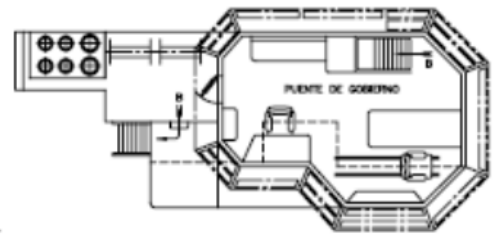
Fuel Oil	121.005m³
Fresh Water	68.292m³
Lube Oil	3.446m³
Hydraulic Oil	5.998m³
Dirty Oil	2.060m³
Slop Tank	2.350m³
Black Water	10.780m³
Ballast Water	76.929m³
Sewage Treatment Plant	4000LPD

NAVIGATIONAL AND COMMUNICATION EQUIPMENT

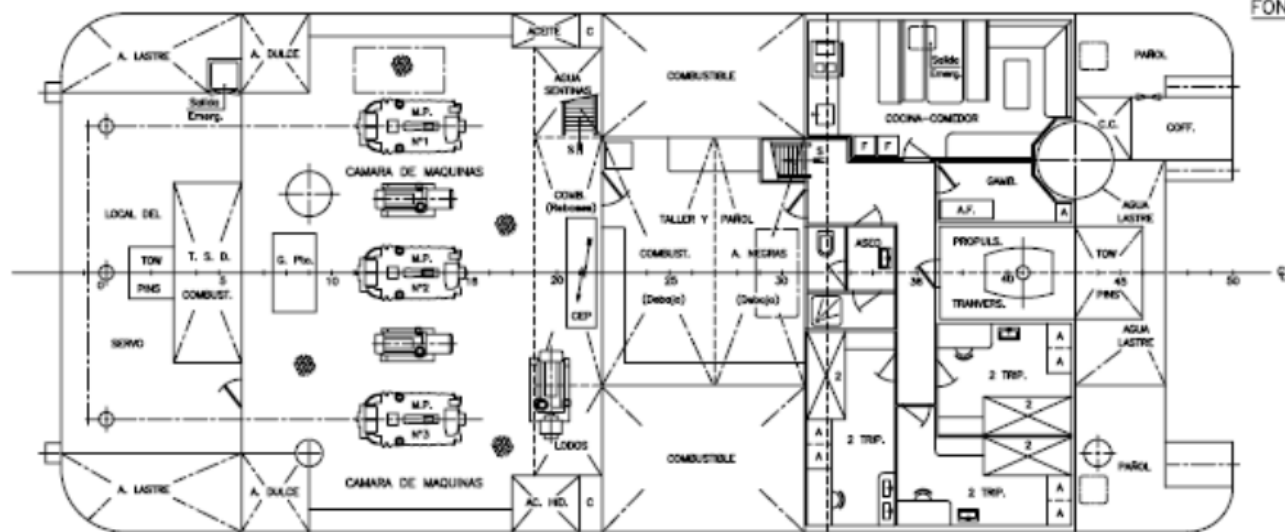
Radar Systems	2 x Furuno 72 Mile
Compass	Furuno Triple-reciever System
Echo Sounder	Furuno FCV 585
Reciever DGPS	GP 150
Autopilot	Simrad AP50
Navtex	Furuno NX-700A
VHF Radio Phones	1 x RT2048; 1 x RT2055; 1 x CU1500
GMDSS VHF Portable	3 x ICOM IC - GM1600E
Chart Plotter	2 x Furuno NAV Net VX2
Inmarsat Mini C GMDSS	TT - 3000E Navigation area A1/A2
Navigation Software	Navionics Gold
Anemometer	Walker, wind speed and direction
AIS	Transmitter & Reciever
Sat Phone	Sailor F33

MISCELLANEOUS

Moonpool	Ø1,000mm deck container fittings
----------	----------------------------------



CUBTA. PRINCIPAL



FONDO