

C. 201 OUTLINE SPECIFICATION

General

Classification	RINA C TUG, MN, S/V, Oil Recovery Ship, ST, Unrestricted Navigation, AUT - UMS
Special use	FiFi 1 – Water Spraying System

Performance

Bollard Pull	70 ton
Speed	14,7 Knt
Light Ship	550 ton
GRT	494 ton
Nrt	147 ton
Dwt	396 ton
Displacement	796 ton

Dimensions

Loa	36,0 mt
Beam	10,2 mt
Max draught	4,2 mt
Depth to Maindeck	5,3 mt
Clear working deck space	18X10 mt
Mezzanine deck space	5X8 mt
Deck cargo	200 ton (7 ton/m ²)
Fuel	151 cubm
Rec-Oil (Fp<60° C)	50 cubm
Rec-Oil (Fp≥60° C)/Fuel oil	100 cubm
Fresh water	68 + 28 cubm
Ballast water	70 cubm
Foam tank	17 cubm
Dispersant tank	2,5 cubm
Seawage tank	7 cubm
Oil Engine	5 cubm
Hydraulic oil	5 cubm
Dirty oil	5 cubm
Marpol	4,48 cubm
Sludge	5,7 cubm

Machinery

Main Engine & BHP	N. 2, total 3380 KW (4600 BHP), 1000 rpm
Engine Builders	WARTSILA 9L20 1690 KW
Propellers	N. 2, controllable Pitch Propellers in Kort Nozzles
Generators	N. 2 diesel X 200 KVA – 1 X diesel X 80 KVA
Bow Thruster	N. 1 Hydraulic controlled – 176 kW
Rudders	N. 2 “spade” type

Deck machinery

Crane	SWL 5.0 ton outreach 4.5 m SWL 3.0 ton outreach 7.5 m Telescopic Boom
Stern Roller	Length 4.0 m – Diam. 660 mm – SWL 100 ton
Tow Winch	Brake holding capacity 120 ton Dynamic load: 25 ton on first layer N. 2 drums’ side by side Working wire L 600 mt diam. 48 mm Winch bed to be constructed to take an upgraded winch equivalent to 3 X the bollard pull
Towing GOB	Installed S.W.L. 100 ton
Fore Winch-Windlass	Hydraulic windlass/winch, dynamic load 5 ton, with 2 chain lifters and n. 2 warpins ends
Bow Anchors	N. 2, 855 kilos each HHP type
Details of chain	diam. 30 mm, n. 14 length
Capstans	N. 2, aft, vertical hydraulic, 5.0 ton each at 15 m/min

Fire fighting & other

Fire fighting 1	N. 2 pumps capacity 1400 m3/hr head 120mt Installed kiared by main engines N. 2 water monitors on bridge between the funnels, N. 2 foam monitors
Water spraying system	Water spray nozzle system for self protection served from branch from Fire Pump
Oil dispersant system	N. 1 electric dispersant pump with bachter
Fast rescue boat	N. 1 with davit for launching and 25 HP engine

Liferafts	N. 4 inflatable liferafts for 12 person each
Pusher Bow	Push capacity 60 ton
Fendering	Syntetic Rubber Fenders, key hole type for bow, wing D for portside, starboard and corners
Search lights	Yes
Smoke Detector System	Yes

Accomodation

Total Accom Space	N. 9 cabins (n. 4 X 1 + n. 4 X 2 + n. 1 X 4) All cabins with w.c., washbasin and shower N. 1 messroom 12 pers;
Galley	N. 1 crew galley electric oven, equipped with 4 hot plates on top N. 1 refrigerator and dry provision room
Freezer space	N. 3 cooler 335 lt N. 6 freezer 400 lt
Air Conditioning	Fully air conditioned/ heated. Individual heating/cooling units to accomodation block

Radio & navigation

Vessel equipped with	N.1 GMDSS areas A1 + A2 + A3 N. 1 radiotelephone MFF-HF/SSB 250 W With DSC (2187,5 Khz) N.2 Immarsat "C" station N. 2 VHF wiith DSC for continous swatch on ch. 70 N. 2 radio telephone portable VHF/GMDSS version N. 1 Epirb N. 1 Radar transponder N. 1 Navtex N. 1 GPS N. 1 Plotter N. 1 Wind speed & Direction indicator N. 1 Magnetic compass, n. 1 spare compass N. 1 Gyrocompass on bridge
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N. 1 Autopilot interlocked with gyrocompass

N. 1 Radar X band, 72 nm, 15" display

N. 1 Radar S band, 96 nm, 21" display

N. 1 Speed Log system

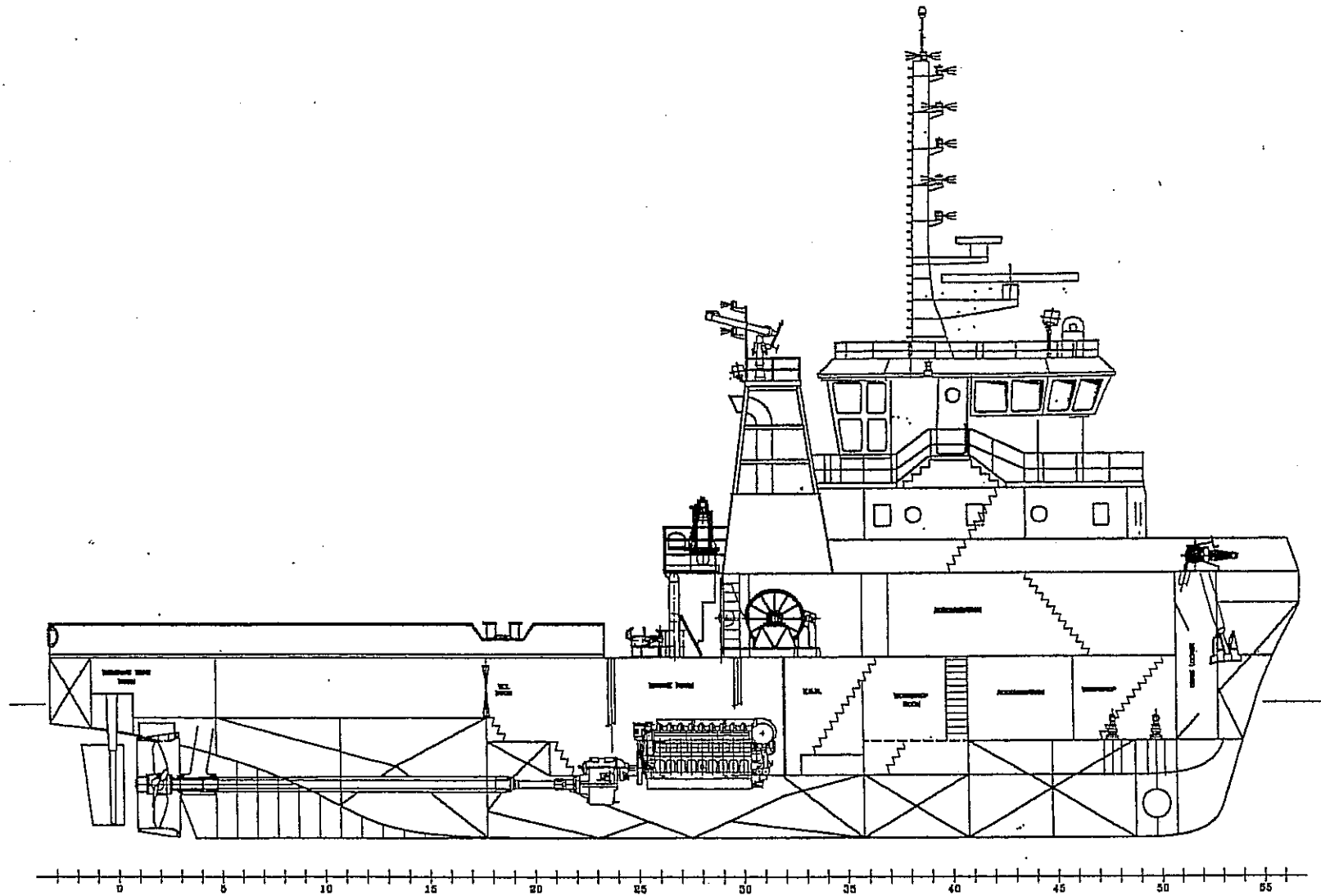
N. 1 Echosounder with transducer

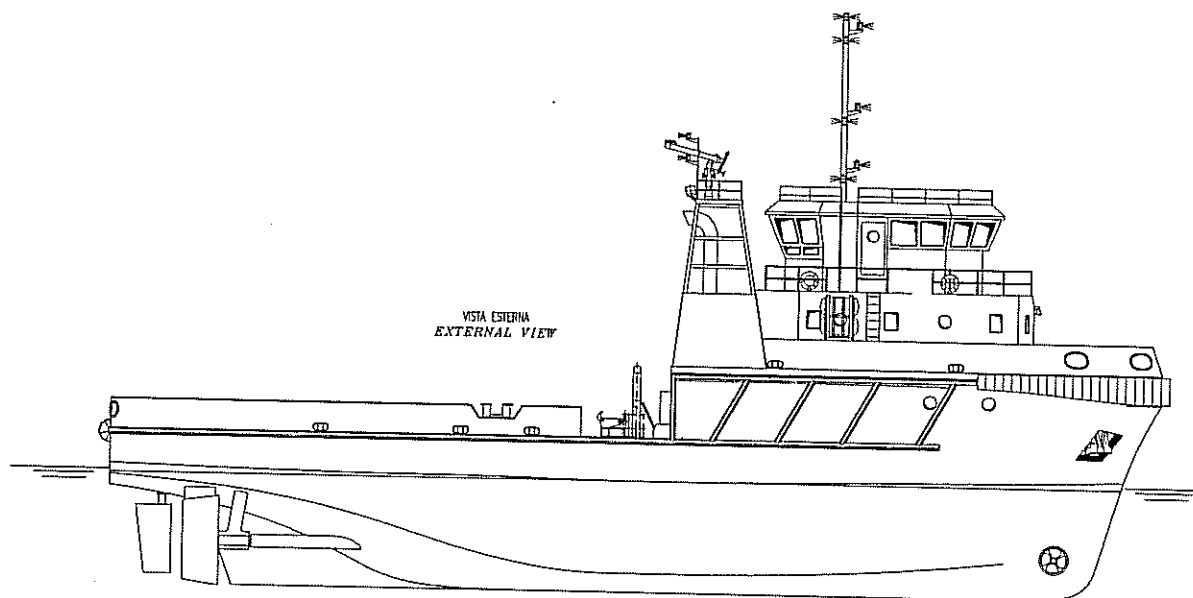
N. 1 Mini M

P.A. System

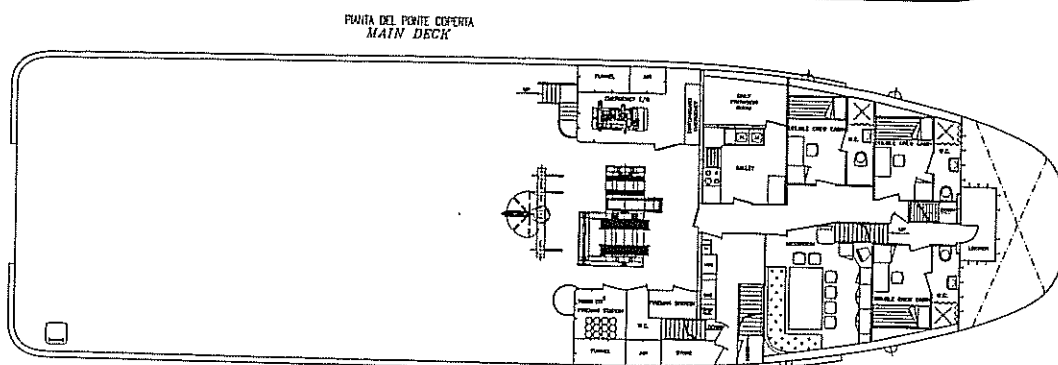
Remote control system for engines, rudders, and thruster by twin manoeuvring stations fitted in the wheelhouse, forward and aft.

TWIN SCREW TERMINAL TUG

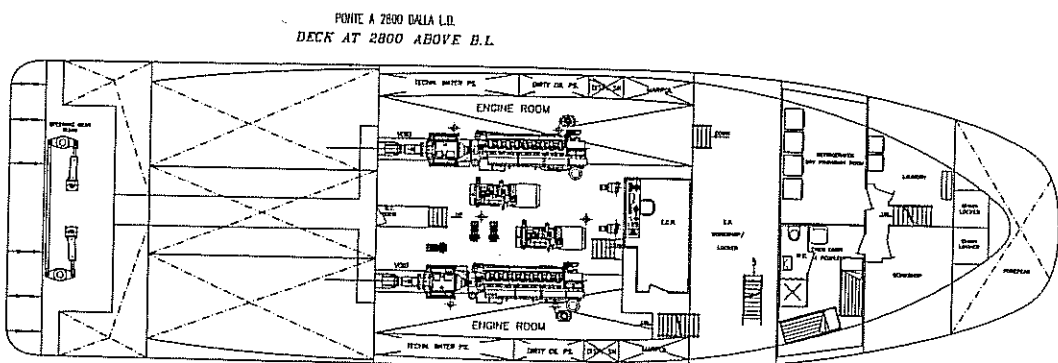




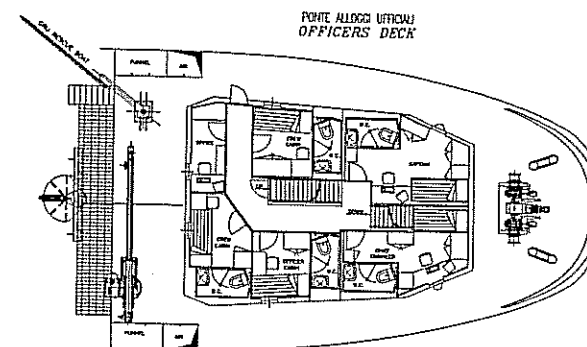
VISTA ESTERNA
EXTERNAL VIEW



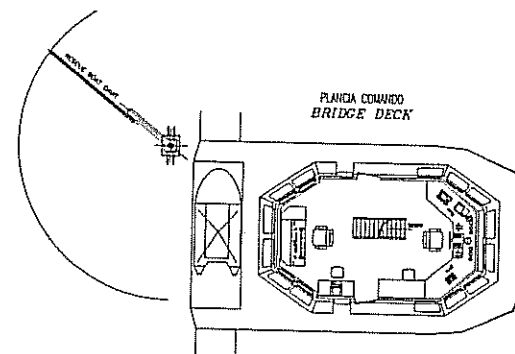
PUNTA DEL PONTE COPERTA
MAIN DECK



PONTE A 2800 DALLA L.O.
DECK AT 2800 ABOVE B.L.



PONTE ALLOGGI UFFICIALI
OFFICERS DECK



PUNTA COMANDO
BRIDGE DECK