



DESIGN	CINTRANAVAL
BUILDERS	BOGAZICI (Turkey)
BUILT	2018

MEASUREMENTS

Length o.a.	32.50m
Length b.p.p.	27.60m
Breadth moulded	11.70m
Depth	5.60m
Summer draft	4.80m
Towing escort draught	459m
Gross tonnage	466t
Net tonnage	139t

CLASSIFICATION

C * HULL * MACH, ESCORT TUG; FIRE FIGHTING SHIP 1
 - WATER SPRAYING, UNRESTRICTED NAVIGATION, OIL
 RECOVERY SHIP - FLASH POINT > 60°C; * AUT-UMS; *
 AUT-PORT; GREEN STAR 3; INWATERSURVEY

CARGO CAPACITIES

Deck area gross. (9 x 7.8)	72.2m ²
Deck strength	5t/m ²
Fuel oil	273 (R-Oil combi)m ³
Fresh water	25.8m ³
Ballast (fresh water)	70m ³
REC-OIL	53m ³

FIRE & SALVAGE EQUIPMENT

2 x Fi-Fi pump of 1350 m³/h capacity each, supplying 2 x F/F monitors of 1200 m³/hr flow and 1 water spraying system;
 International ship-shore fire connections;
 1 x Hydraulic crane of 1 Ton at 12 m.

NAVIGATION EQUIPMENTS

1 x Radar	X band Decca Vision ECAT 2 25
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1 x Gyro Compass	Sperry NAVIGAT X MKI
1 x Auto Pilot	Sperry NAVIPILOT 5
1 x AIS	Furuno FA 150
2 x GPS	Furuno GP 150
1 x Speed Log	Sperry SRD 500
1 x Echo Sounder	Furuno FE 700
1 x Magnetic Compass	Sperry NAVIPOL
1 x Sound Reception	Zenitel VSS-111

MACHINERY / PROPULSION

Main Engines	2 x 2100 kw CaT 3516 C
Auxiliary generators	2 x 150 Kw 400V 50Hz Diesel
E-Harbour generator	1 x 68Kw 400V 50Hz Diesel
Bow thruster	1 x 160kW FP

PERFORMANCE / CONSUMPTION

Bollard Pull	above 70t
Max. speed	13 knots
Transit speed (12 knts) consumption	9t abt/ day
Eco speed (9.5 knts) consumption	5.5t abt/ day
Harbour mode consumption	0.4t abt/ day

PROPELLERS / STEERING

2 x controllable pitch rudder propellers 2600 mm diameter with 4 blades

ESCORT AND TOWING EQUIPMENTS

Fwd Escort Winch

1 single splitted drum	71t pull / 204 t brake
drum: capacity 200 m. of 54 mm wire	
510/ 1590 mm. dia; length 2 x 650.	

Aft Towing Winch

1 x winch double independent drums:	
Drum capacity: 800m +400m of rope 52mm	45t pull/150t brake

OTHERS AH EQUIPMENT

1 x Storage reel winch cap: 400m of 52mm wire	
2 x Towing pins	
Towing hook of swl 70 Tons, quick release disk type	
1 x Stern Roller Dia 1000mm m x L 3000 mm	130 t. SWL

COMMUNICATION EQUIPMENTS

GMDSS AREA A3	
2 x FLEET BB	T&T Sailor FB250

ACCOMMODATION

Cabins	2 (Single) cabins + 2 x (2 men) cabins + 1x (4 men) cabins
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