



MED IZMIT

GENERAL

YARD NAME	Eregli Shipyard
DELIVERY DATE	July 2016
DESIGN	Robert Allan Ltd. Ramparts 2500W
BASICFUNCTIONS	Towing, pushing, mooring and fire-fighting operations
CLASSIFICATION	RINA C-TUG Aut-Ums; Unrestricted Navigation; Fire-Fighting Ship 1; Water Spraying, MLC Design
FLAG	Turkish

DIMENSIONS

LENGTH O.A.	25.30 m
BEAM O.A.	12.00 m
DEPTH AT SIDES	4.60 m
DRAUGHT (LOADED)	5.05 m
GROSS TONNAGE	365 ton

TANK CAPACITIES

FUEL OIL	97.10 m ³
FRESH WATER	11.2 m ³
SEWAGE	4.8 m ³
OILY WATER	2.1 m ³
LUBRICATION OIL	2.0 m ³
USED OIL	3.1 m ³
FOAM	4.9 m ³

PERFORMANCES

MAX. BOLLARD PULL	67.38 ton
STATIC BOLLARD PULL	66.03 ton
SPEED	12 knots

PROPULSION SYSTEM

MAIN ENGINES	2x WARTSILA 9L20
TOTAL POWER	2x 1800 Kw @ 1000 rpm
AZIMUTHING STERN DRIVE	2x ROLLS ROYCE US 205 CP
PROPELLERS	2400mm dia, CU3 material

DECK EQUIPMENT

ANCHORS & CHAIN	1x 214 kg (High Holding Power) Total 302,5 m short link chain 20.5 mm Gr 2
ANCHOR& TOWING WINCH	1 pc Fore Anchor towing winch One(1) piece DMT type 111-E20.5K2 (300KN) with one towing drum (Drum Capacity: 48mm dia 1x200 meter) and One chain lifter for chain size 20.5 K2
TOWING HOOK	Mampaey Quick Release Disc Type Towing Hook, type DCX. 50/65
AFT TOWING WINCH	1 pc Electrical aft winch One(1) piece DMT type 011-E300 kN with one towing drum (Drum Capacity: 48mm dia 600 meter) and done warping head.
FENDERS	Rubber Cylindrical bow fender, D and W fendering around the hull
LIFE RAFT	2x on top deck, 8 persons

AUXILIARY EQUIPMENT

GENERATOR SET	2x PERKINS 4.4TW2GM Engine+LEROY SOMER alternator 84 ekW 1500rpm
BILGE PUMP	1 pcs 25,00 m ³ /h
COOLING WATER SYSTEM	ALFA LAVAL Plate Heat exchanger
FRESH WATER SYSTEM	Electrical hydrophore and sewage pump
AIRCONDITIONING	HEINEN HOPMAN: Serving Accommodation and Wheelhouse: Cap. 1.920 m ³ /hr.
VENTILATION	MECHANICAL VENTILATION EXHAUST: 2 X 30 m ³ , 1X 400 m ³ centrifugal direct driven fan MECHANICAL VENTILATION SUPPLY: 2 X SALOR aircap. 26.500 / 13.250 m ³ /hr 1 X 1000 m ³ /H Axial centrifugal direct driven fan
EXTERNAL FIRE FIGHTING	FFS SUPPLY 1 off integrated control system, for two monitors, including clutch for 1 x FiFi pump connecting to each main engine's PTO PLC based interlock function for engine ready to start fi-fi and valve position. Capacity: 2 X 1355 m ³ /h at 120 mwc

ACCOMMODATION

Accommodation for 6 persons, MLC-compliant high-quality and great-comfort accommodation is climate-controlled and includes a captain's cabin, an officer cabin and two double crew cabins.

NAUTICAL AND COMMUNICATION EQUIPMENT

JRC - COMPLYING GMDSS A3 AREA

SEARCHLIGHT	Seematz, 24 V, 1000 W
RADAR	JRC JMA-5212-6
GPS COMPASS	JRC JLR-21
GPS NAVIGATOR	JRC - JLR - 7500
VHF RADIO	2x JRC - JSS -2150
WIND SYSTEM	NASA CLIPPER
AIS	JRC - JHS-183
ECHOSOUNDER	JRC JFE-380-22
MAGNETIC COMPASS	REFLECTA/1-120 MM
AUTOPILOT	Navitron - NT921 MKII
NAVTEX	JRC NCR-333
EPRIB	Jotron Tron 60S
SART	Jotron Tron Ais Sart