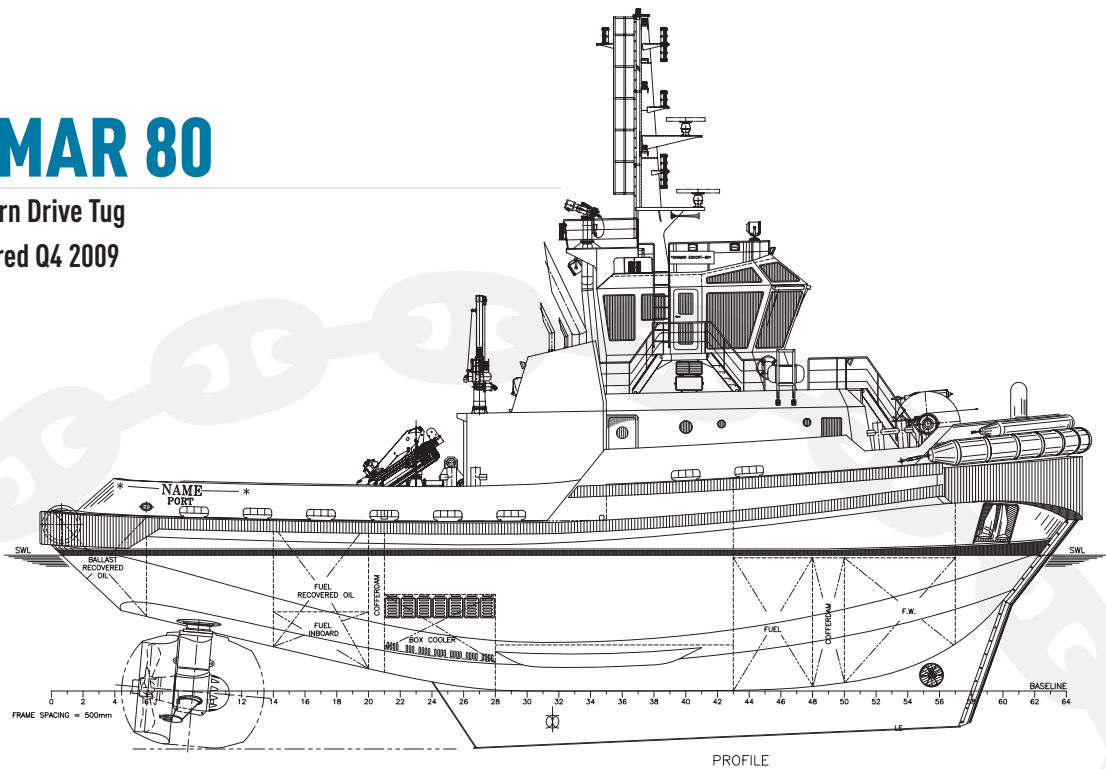


SANMAR 80

Azimuth Stern Drive Tug
To be delivered Q4 2009



- Stadt TBN General description

GENERAL

Owner/operator: Stadt Sjøtransport AS
Call Sign
IMO no.: 9432983
Yard: Sanmar Denizcilik Ltd, Turkey 3Q 2009
Class and certificates

DIMENSION

Length o.a.: 33.10 m
Breadth mld.: 12.00 m
Depth mld.: 5.36 m
(Not including Skeg or thrusters)
Draft max.: 6.11 m

TONNAGE – DEADWEIGHT

GRT: 499

PROPULSION

Main engines: 2 x Wartsila 6L26
Horse Power Rating: 2 x 3264 Bhp
THRUSTERS
Thrusters: 2 x Rolls Royce US 255-CP
Bow Thruster: Mjosundet 1 x 250 Bhp

PERFORMANCE

Bollard pull ahead: Abt. 80 tons
Bollard pull astern: Abt. 75 tons

SPEED/CONSUMPTION

Max speed/Consumption
Speed free running: Abt. 13.5 knots
Economy/Consumption

AUXILIARIES/ELECTRIC POWER

Generators: 2 x LIAG/MAN,D2866 LXE
Electric power: 380 V / 50Hz

CAPACITIES

Fresh water: 37.8 m³
Fuel oil: 195 m³ (approx.)
Foam: 18.1 m³
Oil recovery: 120 m³ (approx)

TOWING EQUIPMENT

Towing winch forward:
Rolls-Royce TW 2000/500 AW 24 U2 H, single drum
Brake force: 50 tons pull - 200 tons brake
Towing winches aft:
Rolls Royce TW 2500/400 double drum 2 x 1000 m
Brake force: 40 tons pull - 250 tons brake, 52 mm
Towing wire: 950 m / 52 mm
Spare wire: 950 m / 52 mm
Towing hook aft: 80 t swl
Lines forward spectra

DECK EQUIPMENT

Deck crane: Palfinger type 65000, 65 ton/mtr
Tugger winch: 1xKarm, 10 tonnes
Towing pins: 2 x Karm
Stern roller: 1x 131 tonnes

OIL RECOVERY EQUIPMENT

A1 - ABS Oil rec class 1

FIRE FIGHTING EQUIPMENT

Firepumps: 2 x 1200 m³/hour at 12.5 Bar
Firemonitors:
2 x water/foam monitors, 1200 tonnes/hour

NAVIGATION EQUIPMENT

Radars: 1 x Raytheon, 1 x Simrad RA 83
GPS: Simrad CP 44 and Simrad GN 33
Gyro: Robertson GC-80
Autopilot: Robertson
Echo Sounder: Simrad
Log: ANTHEA
Electronic Chart: OLEX
Weather fax
Navtex: Radio Holland, Nav 5

COMMUNICATION EQUIPMENT

GMDSS installation in accordance with Sea Area A3: Sailor
Radio telephone
VHF: 3 x Sailor
Free float EPIRB
Radar Transponders
Telephone/Fax
Sat phone
UHF
AIS: Simrad AI70

ACCOMMODATION

Total number of cabins: 5 cabins
Single Cabins: 3 single cabins
Duble Cabins: 2 double cabins
Office: Captain/Chief Engineer office
Other: Messroom/Dayroom/Laundry/Galley/Washroom

LIFESAVING EQUIPMENT

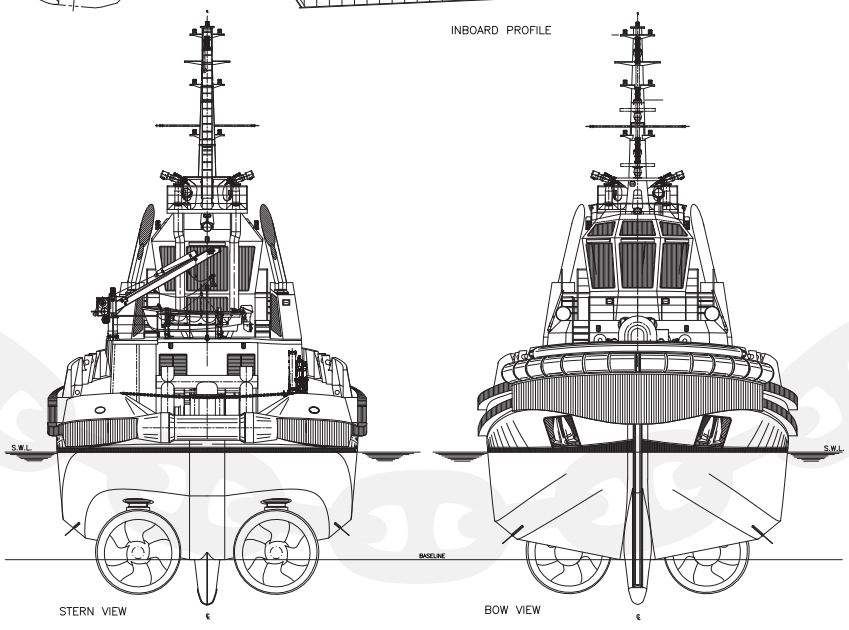
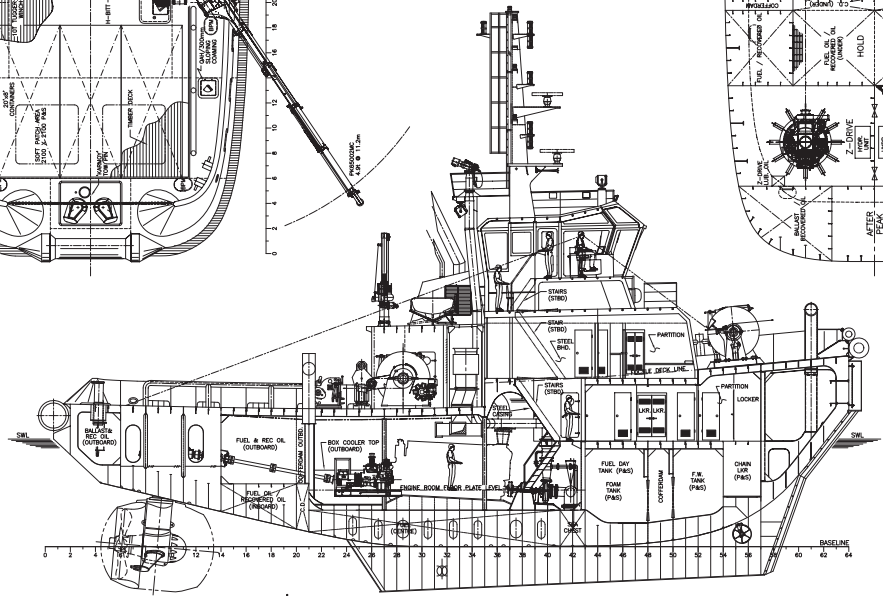
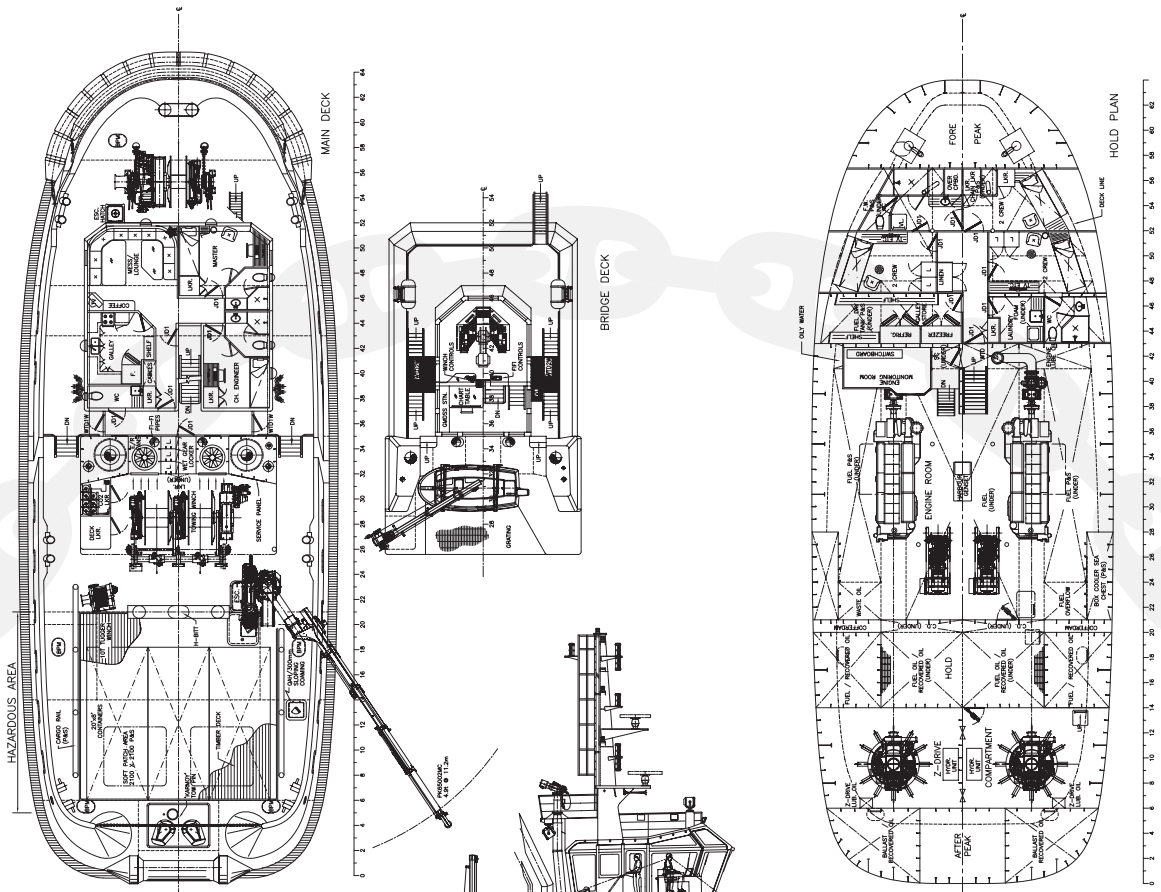
Approved lifesaving appliances for persons
Liferafts: 2 x 16 persons
Rescue boat: Viking 500, 50 hp
Other: Personal protection equipment/survival suits etc.

All specifications subject to change.

Stadt Sjøtransport AS

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Email: ole@tugs.no
www.tugs.no





STERN VIEW

BOW VIEW



All details are believed to be correct and given without guarantee.