

# Sanmar 1

## Vessel Specifications



### General

Type	Tug
Flag	Kazakhstan
Class	RMRS (KM)*III CP
Year built	1990
Place of build	Turkey
Port of registry	Aktau
IMO number	8850578

### Dimensions

Length overall	24.57 m
Beam	7.2 m
Depth	3.7 m
Summer load draft	3.2 m
Lightship draft (forward)	Not available
Gross tonnage	132
Net tonnage	40
Deadweight	36

### Capacities

Fuel oil	20 m <sup>3</sup>
Drill water	Not applicable
Ballast water	8 t
Potable water	15 t
Sewage (100%)	20.6 m <sup>3</sup>
Dry bulk	Not applicable
Oil based mud	Not applicable
Deck cargo	Not applicable
Deck strength	Not applicable
Deck area	Not available

### Deck machinery

Tugger winches	1
Capstans	Not fitted
Crane	Not fitted

### Propulsion

Main engines	1 x Deutz MWM TBD 440-6K
Power	900 kw
Propellers	4 x single screw 2200 mm blades
Rudders	Reintjes WAF 840
Design bollard pull	16 t
Bow thrusters	Not fitted
Stern thrusters	Not fitted

### Auxiliaries

Diesel generator sets	2 x 55 kw Lister with 1500 RPM
Shaft alternator sets	Not fitted
Emergency generator set	2 x 37 kVA Stamford Newage Int. Ltd.

### Speed and consumption

Maximum speed	10 knots
Cruising speed	8 knots
Economical speed	8 knots
Consumption free voyage / towing barge	1 / 1.2 t per day

### Communication equipment

Call sign	UNU
MF transceiver	Yes
Satcom	INMARSAT-C Skanti 443600027@mmc.eik.com
GMDSS	Area 3
VHF Radio	Yes
Radar #1	Raytheon
Radar #2	Kelvin Hughes
Echo sounder	Koden CVS-108
GPS	Koden KGP-912

### Towing and anchor handling

Main / Towing winch drum capacity	15 t
Main tow wire	250 m x 28 mm Specifications: 55.8 t MBL
Emergency tow wire	110 m x 28 mm Specifications: 50 t MBL

### Fixed fire fighting appliances

AGS-5	Fitted in ER
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### Life-saving appliances

Life rafts	PSN 10M-1
Life jackets	Market-10
Immersion suits	ISS 5901 / IMPERIAL-8
Pyrotechnics	12 x parachute rockets
MARPOL	Applicable

### Accommodation

Total POB	8
Cabins	4

### Workboats / rescue equipment

FRC	Not fitted
Workboat	1 x rigid inflatable
Davit	1
Rescue boat	Joker JF-420, 1 x 6 persons

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