

Jura

75 M - 14790 BHP - Anchor Handling Tug Supply Vessel

Vessel Specifications

TOPAZ
MARINE



Vessel Specifications

General

Class	DNV +1A1 Tug Supply Vessel SF EO DK (+) HL (2.5)
Year of build	2002
Place of build	Ferguson, Glasgow, UK
Port of registry	Baku
Flag	Azerbaijan
Call sign	4JMF
IMO number	9240075

Dimensions

Length overall	74.75 m
Length between perpendicular	67.59 m
Breadth moulded	16 m
Depth moulded	7.6 m
Draft summer / scantling	6.48 m
Deadweight	2665 t
Net registered tonnage	832 t
Gross tonnage	2544 t

Machinery

Main engines	2 x Wartsila 5515 kw (11030 kw)
Main generators (shaft driven)	2 x 1700 kw / 440 v / 3 ph / 60 hz
Main generators (diesel driven)	2 x 315 kw / 440 v / 3 ph / 60 hz
Emergency generator	1 x 100 kw / 440 v / 3 ph / 60 hz
Bow thruster	2 x 735 kw CPP tunnel
Stern thruster	1 x 735 kw CPP tunnel
Propulsion	2 x CPP (in nozzles)
Rudders	Ulstein high lift rudder (HLR) Type: HLR 2000
Steering gear	Tennfjord / Rolls-Royce Marine

Ancillary equipment

Sewage treatment plant	Super Trident ST2A / Hamworthy / UK
Oily water separator	Hamworthy / UK, 98013 733

Performance

Maximum speed / consumption	16 knots / 51 t
Economical speed / consumption	10 knots / 12 t
Consumption at 100% MCR	51 t
Bollard pull	170 t

Capacities

Fuel oil	853 m ³
Potable water	564 m ³
Ballast / drill water	491 m ³ / 132 m ³
Liquid mud / base oil	2692 bbls / 809 bbls
Brine	3367 bbls
Dry bulk tanks	8550 ft ³
Deck cargo capacity	600 t
Deck strength	5 t per m ²
Clear deck area	381 m ² / 28 m x 13 m

Transfer Rates

Fuel	150 m ³
Freshwater	100 m ³
Drill water / ballast water	150 m ³
Liquid mud / brine	100 m ³
Base oil	100 m ³
Bulk cement	80 t per hr
Bilge / ballast	60 / 40 m ³
GS / fire pump	65 m ³

Vessel Specifications

Mooring Equipment

Anchor windlass	Brattvaag / Rolls-Royce LBGX 63046MA
Bow anchors	2 x Pool TW
Chains	42 mm K3
Capstan	2 x 10 t

Towing and anchor handling equipment

Towing / AH winch	BSL 380W / 2SL 380W
Wire capacity	1880 m x 76 mm
Rated pull (1 st layer)	380 t
Brake holding	550 t 1st wrap
Wire rope storage reel	Brattvaag / Rolls-Royce ALM 4160 U
Rig chain locker no. x capacity	4 x 103 m ³
Stern roller SWL	500 t / 5 m x 3 m
Shark jaws	Karm Fork MBL 750 t
Towing pins	2 x MBL 240 t
Tugger winch	2 x 12 t
Bow fendering	No

Communication and navigation equipment

GMDSS station	Area 3
Satcom and type	Inmarsat B
SSB	Sailor RM2152
AIS	Furuno FA-150
EPIRB	Tron 40S
Radar transponder	Jontron SART 20
Two-way portable VHF / UHF	4 x ICOM M710
Navtex receiver	JRC NCR 330
DP system	Joystick Simrad SJ01
Radars	2 x Furuno FR-2115
Gyro compass	Anshultz 22
Auto pilot	Robertson AP9 mk3
GPS receiver	Furuno Shipmate GN30
Echo sounder	Furuno FE-700
Doppler speed log	JRC JLN 203
Anemometer	Yes

Fire fighting and anti-pollution equipment

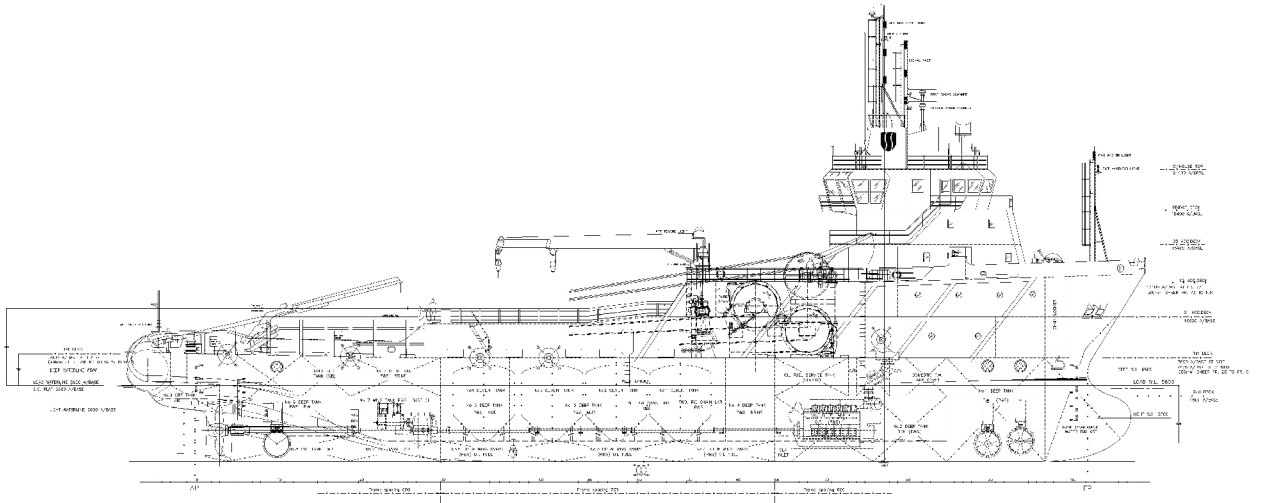
Oil dispersant system	Yes
Oil dispersant storage tank	Yes
Emergency fire pump	45 m ³ x 60 m
Locker with fireman's outfit	2
Portable FIFI appliances	32 x fire extinguishers
CO ² system for engine room	Yes

Safety equipment

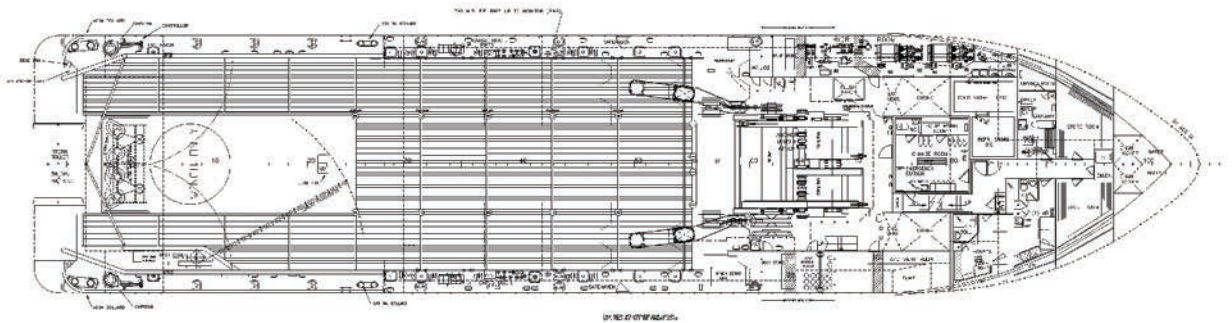
Life rafts	4 x 25 men
Fast rescue boat	1 x Avon Searider SR6
Rescue boat davit	Grampian Hydraulics, GD2 Davit 3.5 t
Life buoys	8
Life jackets	37
Immersion suits	26
Embarkation ladder	1

Accommodation

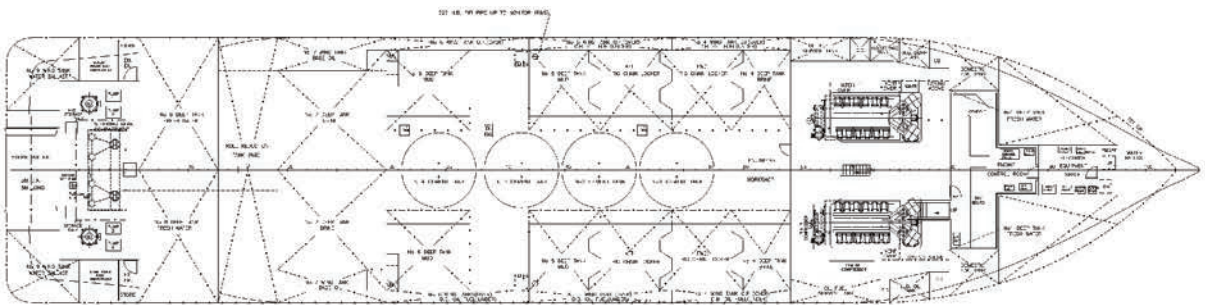
Max per LSA	33
1 berth cabins	8
2 berth cabins	5
Sick bay / hospital	Yes



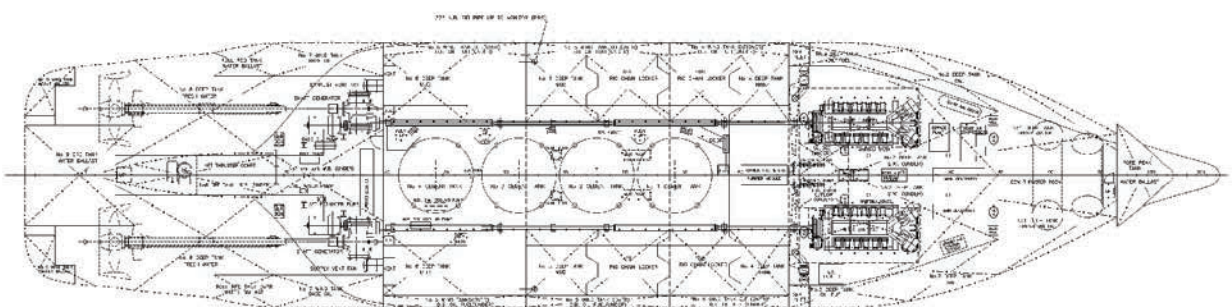
Profile



1st deck



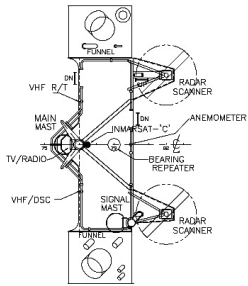
2nd deck



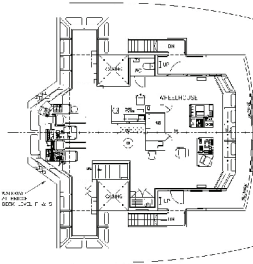
Tank top



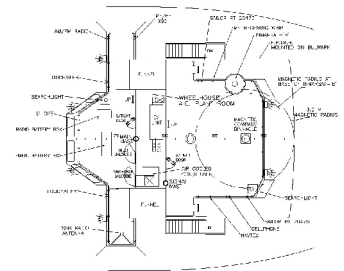
GA Specifications



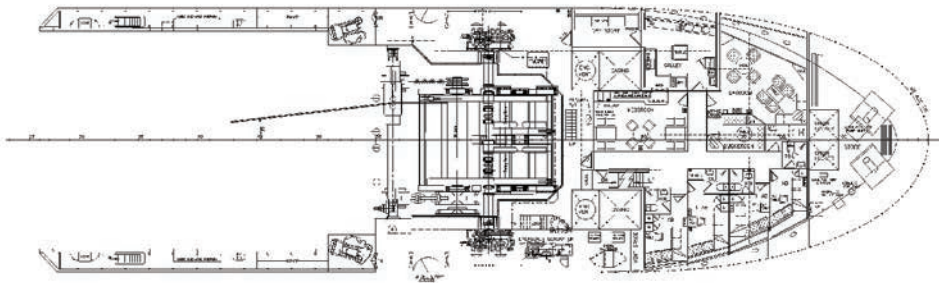
Mast platform



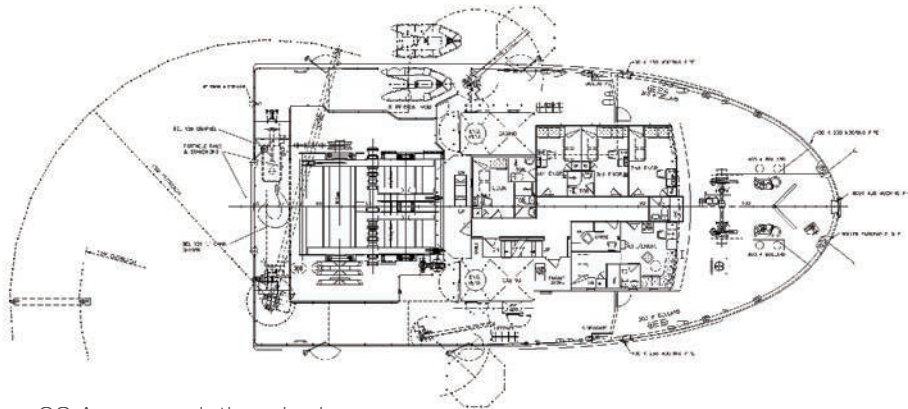
Bridge deck



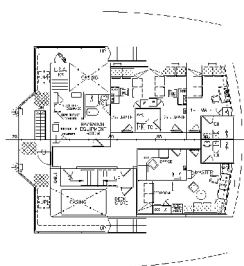
Top wheelhouse



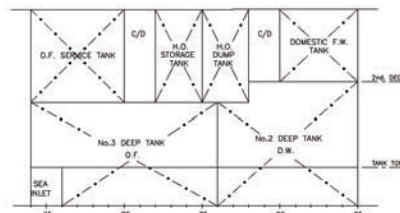
01 Accomodation deck



02 Accomodation deck



03 Accomodation deck



Port side tank arrangement

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