

ISLAY

172T BP /14790 BHP/ Anchor
Handling Tug Supply Vessel



GENERAL DATA

Type	Anchor Handling Tug Supply vessel
Year built / Place of build	2002/ Ferguson, Glasgow, UK
Class	(RMRs) ⚓ 1A1 Tug Supply Vessel SF EO DK (+) HL (2.5)
Flag	Azerbaijan
Port of registry	Baku
Call Sign	4JME
IMO number	9246073
Bollard Pull	172T (last certified 160.8T)

DIMENSIONS

Length overall	74.75 m
Breadth	16 m
Moulded Depth	7.6 m
Summer Draft	6.50 m
Freeboard at Summer	
Draft	1.118 m
Gross Tonnage	2544 t
Net Tonnage	832 t
Deadweight	2665 t
Deck Strength	5 t per m2 10 t per m2 aft of frame 30

CAPACITIES

Fuel Oil	887 m3
Fresh Water	594 m3 (559 Cargo, 35 Domestic)

Drill Water	128.6 m3
Ballast	895 m3
Brine	382.18 m3
Mud	418.14 m3
Base oil	128.38 m3
Dry Bulk	4 x 60.6 m3
Deck Area	381 m2 / 28 m x 13 m
Endurance	16 days (however, STP is operational and endurance could be increased)

PROPULSION

Main Engines	2 x Wartsila 12V 32, 2x 5520 kW
Bow Thruster	2 x 735 kw. Electric. CPP tunnel
Stern thruster	1 x 735 kw Electric. CPP tunnel
Bollard Pull	160.8
Rudders	Twin ULSTEIN high lift rudders

AUXILIARIES

Diesel Alternators	2 x 315 kw. Caterpillar. C3406
Diesel Alternator	
Emergency	1 x 125 kw Gummis 6CTD8

SPEED

Maximum/Economical	16.0/10.0 kts
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FUEL CONSUMPTION PER DAY

FO Consumption – Full Speed	51 ton
FO Consumption – Economic Speed	12 ton

NAVIGATION EQUIPMENT

Radars	1 x Furuno MU-190 / 1x Furuno FR 2115
Echo Sounder	1 x Furuno FE-700
Gyro Compass	2 x Navigat X MK1 / Navigat X MK2
Auto Pilot	1 x Robertson AP9 MK3
Doppler Log	1 x JRC JLN-203
GPS	3 x Furuno GP-31 / GP-151
DP-0	1 x Joystick Simrad SJ01
AIS	McMurdo TRANSAS MT-1 PDU

GMDSS EQUIPMENT

MF Transceiver	1 x FURUNO FS-2575C
Inmarsat-C	FURUNO /Area A1+A2+A3
VHF	2 x FURUNO FM 8900S, 2x SAILOR RT2047/D

LIFESAVING APPLIANCES

Life rafts	4 x 25 man
Lifejackets	44 pcs
Immersion Suits	36 pcs
FRB	6 pers / 60HP

FIFI EQUIPMENT

Fixed system	CO2
BA sets	x 5

ACCOMMODATION

Cabins: Crew Cabins	1 Berth cabins – 4 2 Berth cabins – 10 4 Berth cabins -1
Berth (Total)	
Crew as per Safe	Max – 28
Manning Certificate	
Crew for normal	10
Operation	16+2

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MOORING & AH EQUIPMENT

Anchor winch	Brattvaag / Rolls-Royce BSL380W/2 SL380 W
Max Pull 1st Layer	550 t
Stall	380 t

Anchors	2 x 1845 kg Pool TW
Karm Forks:	Ø450 mm
Size	Ø65 - 125 mm
SWL	750 t
Karm forks inserts:	1 pcs - 130 mm 2 pcs - 105 mm 2 pcs - 95 mm 1 pcs - 76 mm 1 pcs - 85 mm 1 pcs - 70 mm
Gypsies:	1 pcs - p.s - 76 + mm wire rope 1 pcs - stbd.s - 76 mm wire rope 1 pcs spare - 70mm wire rope
Towing drum port side	1880 m / 1610 m, 77mm / 83 mm wire rope
Towing drum starboard side	1880 m / 1610 m, 77 mm / 83 mm Å wire rope
AH drum:	Ø77 mm / Ø83 mm wire rope 5490 m / 4730 m wire rope

Storage Drums:

Port Side Drum wire capacity	1400 m - Ø77 mm
Middle storage Drum wire capacity	1435 m - Ø77 mm
Starboard storage Drum wire capacity	1830 m - Ø77 mm
4 x Chain lockers with capacities:	Ø76 mm - 750 m Ø70 mm - 900 m
2 x Tagger winches SWL-12t.	Ø26 mm - 100 m
2 x Stern Capstans SWL-10t	Ø22 mm - 50 m

TOWING PINS

Size:	Ø500 mm
SWL	240 t

STERN ROLLER

Size:	length 5 m / Ø3 m
SWL	500 t

DECK CRANE

Forward CRANE	
Manufacturer	1 x TTS-Norlift AS
SWL and radius	4 t x 12 m / 2.5 t x 15.5 m

AFT CRANE

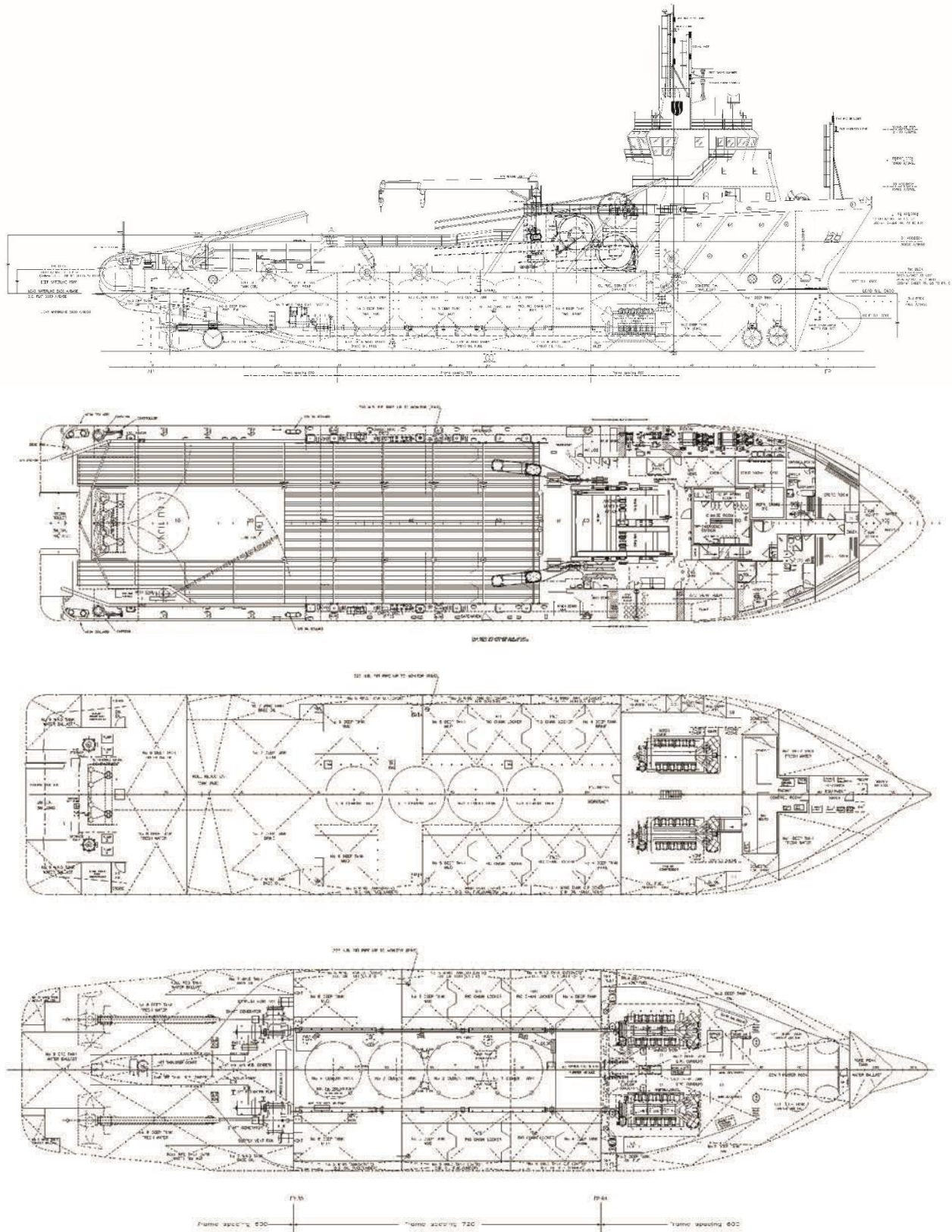
Manufacturer	Palfinger marine folding
SWL and radius	1.5 t x 9 m

VESSEL SPECIFIC CHARACTERISTICS

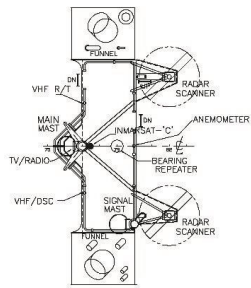
The Islay is a 2002 built DP 0 offshore vessel, with 172 t bollard pull and space for over 5000 metres of 77 mm wire on the main drum, she is one of the largest AHTSV's operating in the Caspian region.

Specifically built for offshore operations, the Islay can tow, transport containerized cargo, bulk materials (mud, cement, brine etc), act as an ROV platform or lay and/or recover anchors.

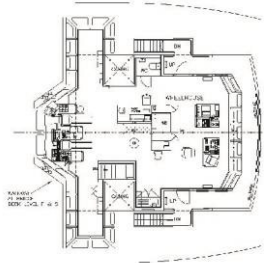
Used extensively during the Shah Deniz 2 pipeline installation project in water depths up to 150 m for a wide variety of roles.



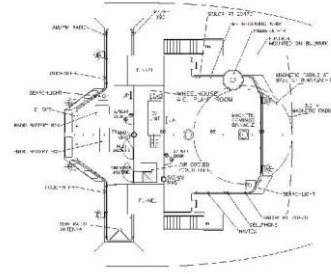
Tank top



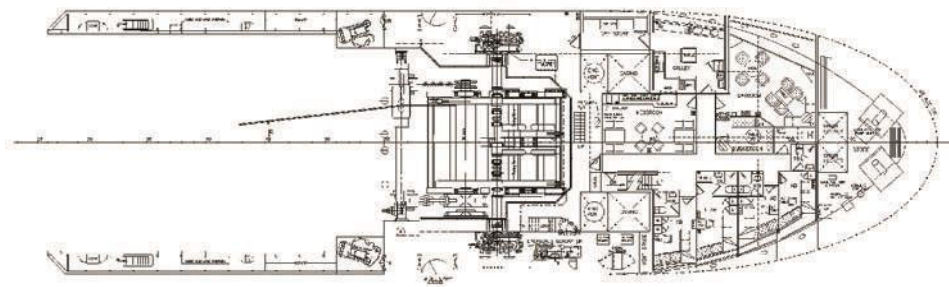
Mast platform



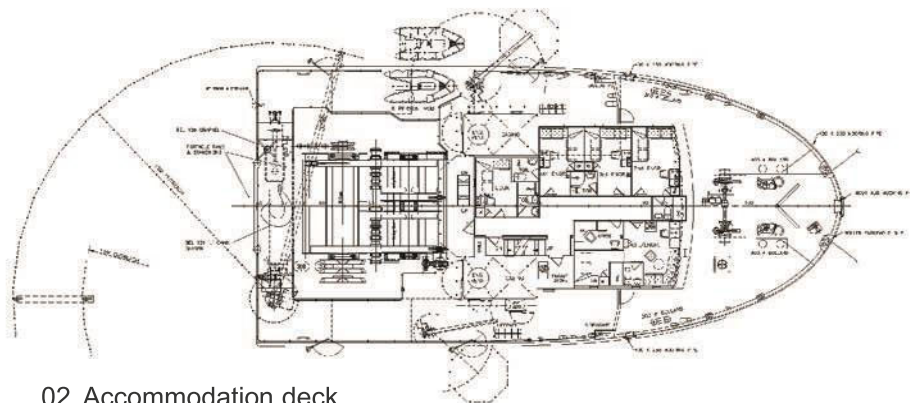
Bridge deck



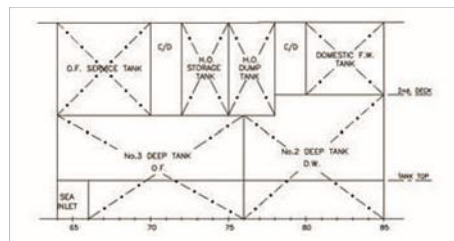
Top wheelhouse



01 Accommodation deck



02 Accommodation deck



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