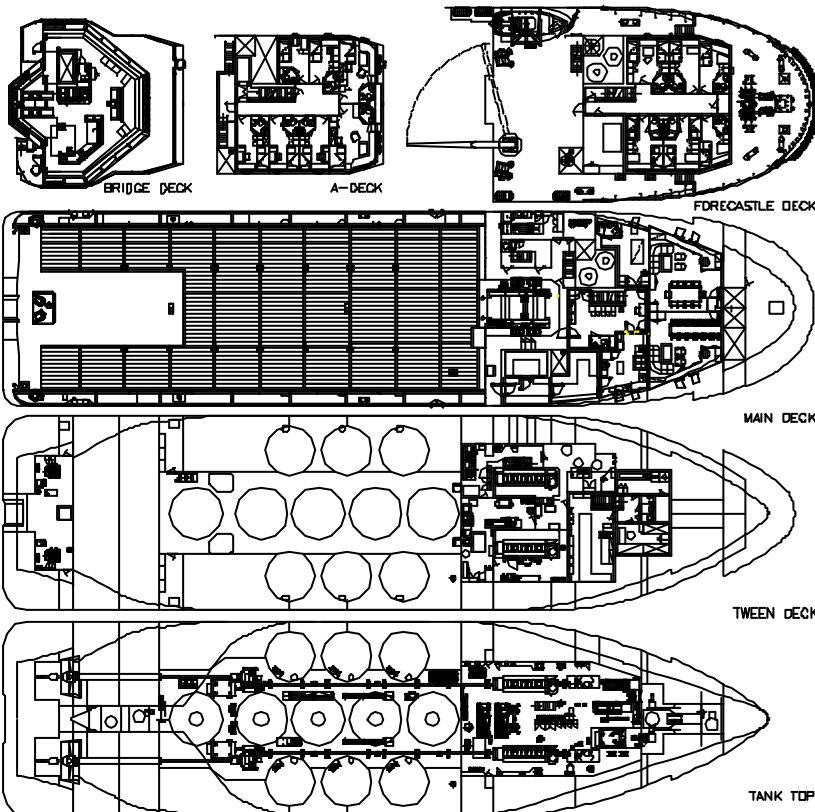




Multi-purpose straight supply vessel
for deep water operations with anchor handling capability
for shallow water operations

WEZA

83 Metric ton bollard pull
100 Metric ton line pull winch



This Rolls Royce Marine UT 719-2 Design vessel satisfies the general requirements of the deep water offshore industry. It is fitted with a FiFi I system, and designed for subsea services. It is equipped for deep water anchor-handling and towing with 1 drum for the main winch, 1 drum for the secondary winch and 1 storage reel .

30-08-2005



Multi-purpose straight supply vessel for deep water operations with anchor handling capability for shallow water operations

WEZA
6,460 bhp

MAIN CHARACTERISTICS

Length overall:.....210.03 ft (64.02 m).
Breadth moulded:.....50.85 ft (15.50 m).
Depth main deck:.....22.31 ft (6.80 m).
Deadweight at design draft 17.06 ft:2,093 st (1,899 mt).
 at 18.04 ft draft:.....2,374 st (2,154 mt).
 at 18.86 ft draft:.....2,616 st (2,374 mt).
Bollard pull:.....92 st (84 mt).

REGISTRATION

Type:AHTS. Supply Vessel ULSTEIN design UT 719-2.
Owner:SONASURF.
Delivery:1999.
Builder:CHANTIERS PIRIOU - France.
Port of Register/Flag: Kingstown - St Vincent and the Grenadines.
Classification: BUREAU VERITAS 1 3/3 E + TUG SUPPLY VESSEL
Fi-Fi I- Deep Sea + MACH AUT MS.

PERFORMANCE

Consumption:.....5,280 USG (24 m³)/day at 14 knots (maxi speed).
 3,300 USG (15 m³)/day at 12 knots.
 2,200 USG (10 m³)/day at 9 knots

ACCOMMODATION

- Fully air-conditioned.
- Accommodation for 30 persons composed of:
 7x 1 berth, 4x 2 berths, 2x 3 berths, 1x 5 berths, 1x 4 berths.
- 1 office, 2 mess/day rooms, laundry, galley, provision rooms, stores.

PROPULSION - MACHINERY

- **Main engines:** 2x 2,730 hp (total: 5,460 hp) at 825 rpm.
- **Reduction gears:** 2.
- **Propellers:** 2 Type CP, dia: 110.24 in. nozzles, 197 rpm.
- **Rudders:** 2 High lift ULSTEIN flap type giving up to 44% side thrust (independent/synchronized).
- **Shaft generators:** 2x 1,280 kW.
- **Auxiliary generators:** 2x 250 kW.
- **Emergency generator:** 1x 170 kW.

THRUSTERS

- **Bow thruster:** 1x 700 hp tunnel, electrically driven, thrust: 8.48 st (7.70 mt).
- **Bow thruster:** 1x 1,000 hp azimuth/retractable, diesel driven, thrust: 12.12 st (11 mt).
- **Stern thruster:** 1x 700 hp tunnel, electrically driven, thrust: 8.48 st (7.70 mt).

DECK EQUIPMENT - MACHINERY

TOWING/ANCHOR HANDLING WINCH

- **Main and secondary winches:**
 - 2 drums: 3,937 ft (1,200mm) of 2^{1/4"} (57 mm) wire (each).
 - Bare drums dia: 2.62 ft. (800 mm) (each).
 - Brake hold: 275.57 st (250 mt) on both drum 1st layer (each).
 - Duty in hoist: 1st layer A/H and towing drums (each),
 (Low gear): 110.23 st at 0-30 ft/min. (100 mt at 9 m/min)
 (High gear): 49.60 st at 0-44.30 ft/min. (45 mt at 13.5 m/min)
- **Storage reel:** 1x 3,937 ft (1,200mm) of 2^{1/4"} (57 mm) wire.
- **Stern roller:** 1x 275.60 st. (250 t) SWL, dia: 4.92 ft Length: 6.56 ft. (1,500 x 2,000 mm).
- **Towing pins:** 1 pair.
- **Shark jaws:** 1 KARMOY 330.70 st.(300 t) SWL.
- **Tuggers:** 2x 11 st.(10 t) pull.
- **Capstans:** 2x 6.61 st.(6t) pull.
- **Deck crane:** 1.32 st. SWL at 39.37 ft. (1.2 t at 12 m).

OPTIONAL

In addition the vessel is prestructured for installation for:
- Anchor mooring winches: 4x 16.53 st. (15 t) pull each.
 Wire: 3,937 ft (1,200m) of 1^{1/4"} (32 mm).
- A-Frame: 33 st. (30 t) SWL.
- Extra deck crane: 5.51 st SWL at 39.37 ft. (5 t at 12 m).

CAPACITIES

Cargo deck area:5,037 sq.ft (468 m²).
Deck cargo:1,102 st (1,000 t).
Fuel oil (incl.2 comb. Tanks):.....348,179 USG (1,318 m³).
Rig Water (incl.2 comb. Tanks):302,741 USG (1,146 m³).
Fresh water:64,996 USG (246 m³).
Liquid mud/Base oil/Brine:3,632 bbl (420 m³).
Dry bulk:8,670 cub-foot (248 m³).

CARGO PUMPS

Fresh Water:660 USG/min at 230 ft (150 m³/hr at 70m).
Ballast Water/Rig Water:(x2) 660 USG/min at 230 ft (150 m³/hr at 70m).
Liquid mud/Base oil:(x2) 330 USG/min at 492 ft (75m³/hr at 150m).
Brine:440 USG/min at 492 ft (100m³/hr at 150m).
Fuel oil:660 USG/min at 230 ft (150m³/hr at 70m).
Bulk air Comp.: (x2) 6,600 USG/min at 81.22 PSI. (1,500 m³/hr at 5.6 bars).

ELECTRONICS

- 2 radars X band, 1x6 kW, 1x12 kW.
- 1 gyrocompass (TOKIMEC ES 160).
- 1 autopilot (ROBERSON AP9 MK III).
- 1 radio system compliant with GMDSS A3 rules including:
 1 SSB, 2 INMARSAT STD C (telex), 2 VHF (SAILOR RT 2048),
 3 VHF (ICOM), 1 NAVTEX receiver.
- 1 GPS (FURUNO GP 30).
- 1 DGPS (SERCEL NR 51).
- 1 INMARSAT M (voice-fax).

DYNAMIC POSITIONING SYSTEM

- Manual joystick control.
Optional:
KONGSBERG SIMRAD dynamic positioning system allowing:
Automatic tracking, dynamic positioning, automatic speed control,
submarine (ROV) auto-tracking.

SPECIAL EQUIPMENT

- **Fire-fighting system FIFI I:** 10,567 USG/min (2,400 m³/hr.),
 2 monitors 5,283 USG/min each at 394 ft.(120 m).
 - Remote controlled from wheelhouse.
 - Pumps: 2x 6,604 USG/min (1,500 m³/hr.) at 232 PSI (16 bars).
 - Deluge system.
 - Foam: 1,981 USG (75 m³).
- 16" moon pool for ultra-short base implantation.
- Gate valve dia. 19.68 in.(500 mm) can be easily fitted allowing installation of HPR/HIPAP transponder.
- **Fresh water generator:** 1,320 USG/day. (5 m³/day).

LIFE-SAVING EQUIPMENT

- **Aluminium Mob boat:** 1x 6persons.
 1 Hydrojet 241 HAMILTON, driven by a diesel engine.
 (Speed 25 knots).
- **Inflatable liferafts:** 4x 25 persons.

All particulars believed to be correct but not guaranteed.

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