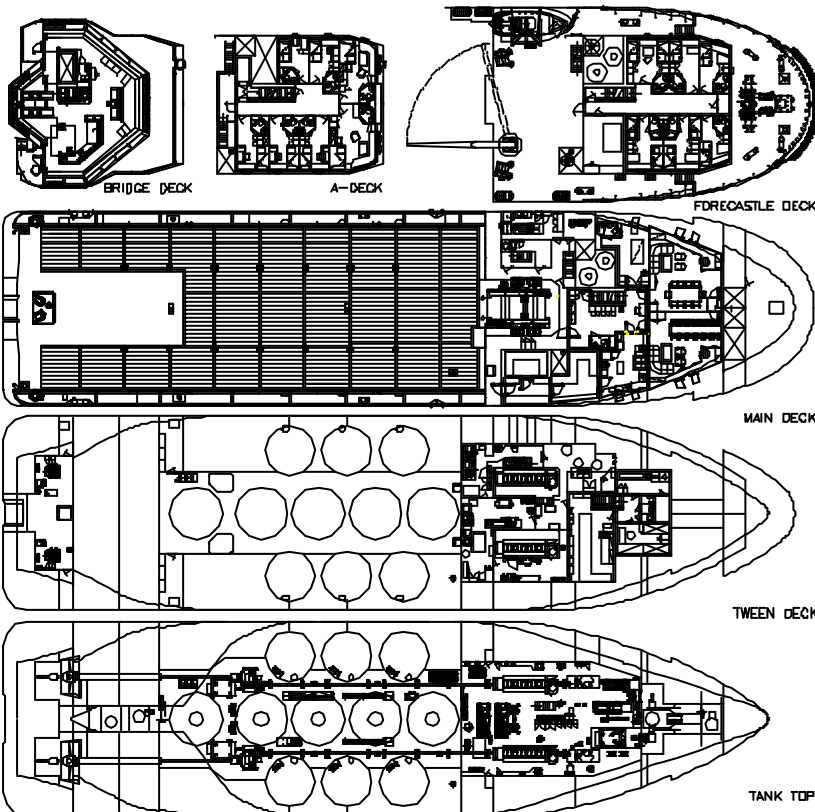




Multi-purpose straight supply vessel  
for deep water operations with anchor handling capability  
for shallow water operations

**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 .

07-09-2006



# 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 m<sup>3</sup>)/day at 14 knots (maxi speed).  
3,300 USG (15 m<sup>3</sup>)/day at 12 knots.  
2,200 USG (10 m<sup>3</sup>)/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<sup>1/4"</sup> (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/mn)  
(High gear): 49.60 st at 0-44.30 ft/min. (45 mt at 13.5 m/mn)
- **Storage reel:** 1x 3,937 ft (1,200mm) of 2<sup>1/4"</sup> (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<sup>1/4"</sup> (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 m<sup>2</sup>).  
Deck cargo:.....1,102 st (1,000 t).  
Fuel oil (incl.2 comb. Tanks):.....348,179 USG (1,318 m<sup>3</sup>).  
Rig Water (incl.2 comb. Tanks):.....302,741 USG (1,146 m<sup>3</sup>).  
Fresh water:.....64,996 USG (246 m<sup>3</sup>).  
Liquid mud/Base oil/Brine:.....3,632 bbl (420 m<sup>3</sup>).  
Dry bulk: .....8,670 cub-foot (248 m<sup>3</sup>).

## CARGO PUMPS

Fresh Water: .....660 USG/min at 230 ft (150 m<sup>3</sup>/hr at 70m).  
Ballast Water/Rig Water: (x2) 660 USG/min at 230 ft (150 m<sup>3</sup>/hr at 70m).  
Liquid mud/Base oil: ..(x2) 330 USG/min at 492 ft (75m<sup>3</sup>/hr at 150m).  
Brine: .....440 USG/min at 492 ft (100m<sup>3</sup>/hr at 150m).  
Fuel oil: .....660 USG/min at 230 ft (150m<sup>3</sup>/hr at 70m).  
Bulk air Comp.: (x2) 6,600 USG/min at 81.22 PSI. (1,500 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/hr.) at 232 PSI (16 bars).
  - Deluge system.
  - Foam: 1,981 USG (75 m<sup>3</sup>).
- 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 m<sup>3</sup>/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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