This UT 722 Anchor handling tug supply vessel has been designed by Rolls Royce Marine. The vessel is fitted with a class DP1 system and storage capacities for recovered oil. She is equipped for deep-water anchor-handling and towing with 6 working drums, consisting of 2 drums on the main winch and 4 drums on the secondary winch.
**MAINTENANCE & REPAIRS**

**DIMENSIONS**

- Length overall: 75.60 m
- Breadth moulded: 18.00 m
- Depth: 8.00 m
- Draft: 6.60 m
- Deadweight: 2,230 t
- Bollard pull: (continuous) 144.7 t
- Gross tonnage: 3,360

**CAPACITIES**

- Deck area: (5.0 t/m²) (15.20 x 30.20 m) 459 m²
- Deck cargo: 800 t
- Cargo chain lockers: (comprising 4 of circular lockers) 560 m³
- Fuel oil cargo: 830 m³
- Fuel oil domestic: 137 m³
- Oil recovery: 1,150 m³
- Fresh water: 870 m³

**EQUIPMENT & ELECTRONICS**

**DECK EQUIPMENT**

- Main winch: 1 waterfall type Brattvaag BSL 350W/SL 350W, low pressure hydraulic with 2 drums each specified as follows:
  - Drums: 1.50 m diam. x 3.10 m length + 1.10 m socket compartment
  - Wire capacity: 5,072 m of 3"
  - Gypsy: 2x 3" and 2x 3½"
  - Dynamic braking on first layer: 400 t SWL
  - Hoisting on first layer: 350 t at 0-10,5 m/min.
  - Dynamic braking on second layer: 400 t SWL
  - Hoisting on second layer: 1,060 t SWL

- Secondary winch: 1 Brattvaag ALM 63125U with 4 drums, each specified as follows:
  - Drums: 1.50 m diam. x 3.50 m length + 1.10 m socket compartment
  - Wire capacity: 800 m of 8"
  - Dynamic braking on first layer: 155 t SWL
  - Hoisting on first layer: 125 t at 0-14 m/min.
  - Dynamic braking on second layer: 155 t SWL
  - Hoisting on second layer: 350 t at 0-19 m/min.

- Tugger winches: 2x 15 t at 0-21 m/min.
- Capstans: 2x 11 t at 0-17 m/min.
- Twin stern rollers: 3.50 diam. x (3.00+3.00 m) length 500 t SWL
- Deck/chain handling support crane: 3.3 t at 8 m
- Deck-provision hydraulic crane: 5 t at 16 m
- Stabilizing equipment: Passive Roll Reduction System

**ELECTRONICS**

**NAVIGATION**

- 2 radars
- 1 gyrocompass system with repeaters
- 1 echo sounder
- 1 speed log
- 1 autopilot
- 1 GPS
- 1 DGPS (to DP application)
- 1 GLONASS (to DP application)

**COMMUNICATION**

- 1 radio system compliant with GMDSS A3 rules + VHF
- 1 Inmarsat C, 1 mini M, 1 Vsat
- Telex over SSB
- Globalstar communication system (data/e-mail/voice)
- 1 weather fax

**DYNAMIC POSITIONNING SYSTEM**

- 1 DP system (class I) comprising the following position reference systems:
  - 1 DGNSS (combined GLONASS and DGPS)
  - 1 FANBEAM
  - 1 Joystick system with control panel and portable control panel

**ALARM & MONITORING SYSTEM**

- 1 UMAS V system control: Main engines, propellers system, bilge system, cooling system, fuel system

**ACCOMMODATIONS**

- Accommodations for: 30 pers
- Single cabins: 6
- 2 man cabins: 12
- Hospital: 1
- 1 mess room, 2 day rooms, laundry, galleys, provisions room, stores, 2 offices, change room

**PERFORMANCE**

- Economic speed: 10 to 13 knots

- Main engines: 2 x 4,500 kW
- Bow tunnel thruster: 1 x 883 kW
- Stern tunnel thruster: 1 x 883 kW
- Rudders: 2 independent flap rudders
- Shaft generators: 2 x 2,800 kVA
- Auxiliary generators: 2 x 390 kVA
- Emergency generator: 1 x 106 kVA
- Emergency generator: 1 x 106 kVA

**DELIVERY RATES**

- Fuel oil: 250 m³/h at 9.3 bars
- Ballast/Drill water: 250 m³/h at 9.3 bars
- Fresh water: 100 m³/h at 9 bars
- Oil recovery: 250 m³/h at 9.3 bars

**SALVAGE & RECOVERY**

- 1 UMAS V system control: Main engines, propellers system, bilge system, cooling system, fuel system

**MAIN PARTICULARS**

- Life boat: 1 MOB boat with davit, life rafts with equipment

All particulars believed to be correct but not guaranteed

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