This UT 722L Anchor-handling and oil spill response vessel has been designed by Rolls Royce Marine. The vessel is fitted with oil recovered storage capacities, equipment (Transrec and boom) and a class DP 1 system. She is equipped for deep-water anchor-handling and towing with 2 drums as main winches and 2 drums as secondary winches.
### MAIN PARTICULARS

#### DIMENSIONS
- Length overall: 77.50 m
- Breadth moulded: 18.00 m
- Depth: 8.00 m
- Draft: 6.60 m
- Deadweight: 2,480 t
- Bollard pull: (continuous) 130 t
- Gross tonnage: 3,254

#### CAPACITIES
- Deck area: (5.0 t/m²) (15.20 x 40.50 m) 615 m²
- Deck cargo: 800 t
- Cargo chain lockers: (comprising 2 of square lockers) 350 m³
- Fuel oil: 1,050 m³
- Oil recovery: 1,100 m³
- Fresh water: 950 m³

### MACHINERY / PERFORMANCE

#### PROPULSION - MACHINERY
- Main engines: 2 x 4,500 kW
- Main propellers: 2 CCP type
- Stern tunnel thruster: 1 x 883 KW
- Bow azimuth thruster: 1 x 883 KW
- Bow tunnel thruster: 1 x 883 KW
- Reduction: 2 gear boxes, 750/160 rpm, 2 PTO
- Main engines: 2 x 4,500 kW

#### PERFORMANCE
- Economic speed: 10 to 13 knots
- Trial speed at 4.25m draft (100% MCR): 15 knots

### 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

### ACCOMMODATIONS
- Accommodations for: 30 pers
- Single cabins: 6
- 2 man cabins: 12
- Hospital: 1
- 1 mess room, 2 day rooms, laundry, galley, provision room, stores, drying room, 2 offices, change room.

### EQUIPMENT & ELECTRONICS

#### DECK EQUIPMENT
- Main winch: 1 waterfall type Brattvaag BSL 300W/SL 300W, low pressure hydraulic with 2 drums, each specified as follows:
  - Drums: 1.50 m diam. x 2.70 m length
  - Wire capacity: 2,950 m of 3"
  - Wilcats: up of 70, 76, 84, and 100 mm
  - Dynamic braking on first layer: 370 t SWL
  - Hoisting on first layer: 300 t at 0-9.9 m/min.
  - Windlass: 81 t at 0-31.1 m/min.
- Secondary winch: 1 Brattvaag ALM 63050U with 2 drums, each specified as follows:
  - Drums: 1.50 m diam. x 2.00 m length
  - Wire capacity: 3,500 m of 3"
  - Dynamic braking on first layer: 60 t SWL
  - Hoisting on first layer: 50 t at 0-14 m/min.
  - Windlass: x1
- Tugger winches: 2x 15 t at 0-21 m/min.
- Capstans: 2x 11 t at 0-17 m/min.
- Stern roller: 4.00 diam. x 4.00 length, 350 t SWL
- Deck-provision hydraulic crane: 5 t at 16 m
- Stabilizing equipment: Passive Roll Reduction System

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

#### SPECIAL EQUIPMENT
- 1 Work/service boat: 2 metric ton bollard pull
- 1 Transrec 250 c/w, boom and skimmer.
- 1 Uniboom inflatable oil boom on drum: 400 m length

### ELECTRONICS
- NAVIGATION
  - 2 radars,
  - 1 gyrocompass system with repeaters,
  - 1 echo sounder,
  - 1 speed log,
  - 1 autopilot with forward thrusters control,
  - 1 GPS,
  - 1 DGPS (to DP application),
- COMMUNICATION
  - 1 radio system compliant with GMDSS A3 rules,
  - 1 Inmarsat C, 1 mini M, 1 Vsat,
  - 1 weather fax,
  - Globalstar communication system (data/e-mail/voice),
- DYNAMIC POSITIONNING SYSTEM
  - 1 DP system (class I) comprising:
    - 1 operator panel, 1 computer, 1 printer,
    - 1 gyro compass, 1 wind sensor, 1 additional gyro compass,
    - 1 motion reference sensor,
    - 1 DGNSS (combined GLONASS and DGPS), 1 FANBEAM, 1 UPS
    - 1 Joystick system comprising:
      - 1 control panel, 1 portable control panel, 1 micro computer.
- ALARM & MONITORING SYSTEM
  - 1 UMAS V system control: Main engines, propellers system,
  - bilge system, cooling system, fuel system.