This medium size Anchor Handling Tug Supply Vessel has been designed by CONAN WU to carry out general services for the offshore industry and the following duties:

- Light subsea installation.
- ROV operation.

It is fitted with a class II DP and Fi-Fi I system.

It is equipped with a waterfall double drum winch with large capacity suitable for towing, anchor handling and offshore terminal operations.
### MAIN PARTICULARS

**DIMENSIONS**
- Length overall: 67.00 m
- Breadth moulded: 15.40 m
- Depth: 7.00 m
- Draft: 5.95 m
- Deadweight: 2,100 t
- Bollard pull: 120 t
- Gross/Net tonnage: 2,310 / 693

**CAPACITIES**
- Emergency generator: 60 kW
- Auxiliary generators: 2 x 350 kVA
- Shaft generators: 2 x 1,600 kW
- Stern thruster: 600 kW
- Bow thrusters: 2 x 600 kW
- Propellers: 2 type CCP
- Main engines: 2 x 4,060 kW
- Dry bulk/Cement: 250 m³
- Liquid mud / Brine: 400 m³
- Fresh water: 270 m³
- Drill water: 500 m³
- Chain locker / Brine / Mud: 200 m³
- Dispersant: 15 m³

**DECK EQUIPMENT**
- Main winch: Composed of 1 Electro-Hydraulic high pressure winch and 2 declutchable drums in Waterfall arrangement.
- Rated pull: 250 t @ 8.5 m/min
- Brake holding load: 320 t
- Drum size: 1,050/2,500 mm x 2,600 mm length
- Drum capacity: 2,030 m of 76 mm / 2,848 m of 64 mm
- Windlass: 1 combined mooring and windlass winch
- Stern roller: 300 mt SWL
- Towing pins: 1 pair 300 t SWL
- Shark jaws: 2 of 300 t SWL
- Tuggers: 2 x 11 t @ 18 m/min
- Capstans: 2 x 10 t @ 15 m/min
- Deck provisions crane: 2 t @ 15m
- Offshore crane (Daf 1.6): 6 t @ 16m, 12 t @ 10m
- AHC winch ODM: 30t pulling capacity @ 1,500m depth
- ROV arrangement: Compact TMS
- ROV control van / work shop: (on main deck) 2 x 20’ containers.

**SAFETY EQUIPMENT**
- Fi-Fi: 2 pumps of 1,500 m³/h & 2 monitors of 1,200 m³/h.
- Work boat: FRC with davit, (Mare MSDC12) 24 pax / 30 knds.
- MOB boat with davit & life saving arrangement.
- Standby Rescue Equipment for 150 survivors (optional).

### MACHINERY / PERFORMANCE

**PROPELLION - MACHINERY**
- Main engines: 2 x 4,060 kW
- Propellers: 2 type CCP
- Bow thrusters: 2 x 600 kW
- Stern thruster: 600 kW
- Shaft generators: 2 x 1,600 kW
- Auxiliary generators: 2 x 350 kVA
- Emergency generator: 60 kW

**SPEED / CONSUMPTION**
- Economic speed: 14 t/day @ 8 knots
- Average DP2 consumption: 11t/day
- Service speed (80%): 23 t/day @ 12 knots
- Average DP1 consumption: 10t/day

**DELIVERY RATES**
- Fuel oil: 150 m³/h at 9 bars
- Drill water: 150 m³/h at 9 bars
- Fresh water: 150 m³/h at 9 bars
- Liquid mud: 75 m³/h at 15 bars
- Dry Bulk / Cement: 2 x 1,800 m³/h at 5.6 bars
- Chain locker / Brine / Mud: 75 m³/h at 15 bars
- Drill water: 75 m³/h at 9 bars
- Liquid mud: 15 bars

### EQUIPMENT & ELECTRONICS

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### ELECTRONICS

**NAVIGATION**
- 2 radars
- 3 gyrocompasses
- 1 magnetic compass
- 1 digital echo-sounder
- 1 speed log
- 1 autopilot system
- 1 UPS
- 2 DGPS
- 1 GPS
- 1 HIPAP 500

**COMMUNICATION**
- 1 radio system compliant with GMDSS A3
- 1 SSB Duplex DSC
- 2 INMARSAT C/2 VHF EPIRB
- 1 INMARSAT

**DYNAMIC POSITIONNING SYSTEM**
- Type: Class DP2.
- Sensors and monitoring as per class 2 requirements.