CABLE LAYING VESSEL

With a cable tank capacity of 5,760 tons, she is able to lay approximately 5,000 over kilometer of light weight cables at one go.

To meet future marine installation challenges such as deeper burial, the vessel is designed to accommodate a 3 meter plow and a 3 meter working class ROV.

Although designed specifically for long haul cable laying, she is just as efficient carrying out a repair and maintenance operation or lay a short repeaterless cable system.

- Length Overall: 141.93 meters
- Breadth Moulded: 23.0 meters
- Depth Main Deck: 12.5 meters
- Design Draft: 7.5 meters
- Scantling Draft: 8.0 meters
- Freeboard at Design Draft: 5.0 meters
- Main Cable Tank 3 off each: 15.5 meters
- Spare Cable Tanks 2 off each: 6.0 meters
- Cable Deadweight: 5760 tons (excluding spare tanks)
- Cable Stowage Volume: 3600 m3
- Classification: Lloyds Register + 100A1 +LMC UMS DP (AA) CG
- Accommodation: 70 persons single berth en suite cabin
**Performance**

- **Speed at Design Draft**: 14.5 knots
- **Endurance**: 60 days
- **Dynamic Positioning System**: Duplex System (100% redundancy)
- **Bollard Pull**: More than 100 tons

**Machinery**

- **Propulsion Plant**: Two (2) Azimuth Thrusters of 3700 KW each
- **Bow Thrusters**: Three (3) Tunnel Bow Thrusters of 1700 KW each
- **Main Engine**: Four (4) sets, 3240 KW each.
- **Aux Engine**: One set, 1325 KW

**Cable Handling Facilities**

- **Cable Engine**: Two drum engines, 40 tons, 4 meters in diameter and 21 wheelpair linear cable engine.
- **Cable Transporters**: Two, 2 tons
- **Stern Sheaves**: 2 x 4 meters sheaves

**Sub Sea Plant**

- **ROV Capability**: The vessel is equipped with space, power and other ancillary services for the future deployment of a work-class ROV system.