Subsea 7’s most capable reel-lay vessel is designed to install complex rigid flowlines including pipe-in-pipe systems and electrical trace heating, in water depths up to 3,000m.

- Length 149m x breadth 33m
- Reel total storage capacity of 5,600t
- Single pipe up to 20-inch
- Maximum dynamic top tension 600t
- Accommodation for 120 persons
- Heave compensated 250t crane
- 2 x work-class ROVs
New reel-lay vessel

**General Information**
- **Classification**: Lloyd’s Register of Shipping (LRS), 100A1 WDL (10 t/m²)
- **Strengthening of work deck**: 10 t/m² (aft of frame 69)
- **Helicopter Landing deck**: ECO (BWT, NOx3, LMC, SPS, UMS, DP(AAA), CAC(3), ICC, NAV-1, IBS Safe bridge, “IWS, Ice Class 1D, Winterisation H(-30) D(-30)
- **Built**: Royal IHC, Netherlands 2020
- **Flag State Authority**: Isle of Man

**Dimensions**
- **Length Overall**: 149.2m
- **Breadth**: 33m
- **Depth to maindeck**: 13m
- **Draught design**: 8.3m
- **Deadweight**: 10,800t
- **Gross Tonnage**: 21,334t
- **Net Tonnage**: 6,400t

**Manoeuvring and Propulsion Systems**
- **Main Engines / Generators**: 3 x 3,500kW, 3 x 4,000kW
- **Propulsion**: 3 x 3,200kW stern azimuth thrusters, 2 x 2,400kW retractable bow azimuth thrusters, 2 x 2,200kW bow tunnel thruster

**Dynamic Positioning Systems**
- **DP Classification**: DP (AAA) - Class III
- **DP System**: Kongsberg
- **Reference Systems**: 3 x DGPS, 2 x HiPAP, 1 x taut wire, HPR interface, Radius interface

**Speed / Bollard pull**
- **Service Speed**: Approximately 13 knots
- **Maximum bollard pull**: 100t (in DP3 failure mode)

**Tank Capacities (100%)**
- **Marine Gasoil**: 2,900m³
- **Potable Water**: 725m³
- **Ballast Water**: 3,300m³
- **Technical FW (in WB tank)**: 1,680m³
- **Heeling/Stabiliser Tanks**: 1,200m³

**Cargo Deck**
- **Deck Area (main deck)**: 800m² (approximately)
- **Deck Strength**: 10t/m²

**Cranes**
- **Main crane**: 250t, 3,000m, AHC
- **Auxiliary deck crane 1**: 50t, 3,000m, AHC
- **Auxiliary deck crane 2**: 15t
- **Ramp top crane**: 20t

The auxiliary cranes are certified for man-riding operations, as is the main crane whipline.

**ROV Systems**
- The vessel is fitted with two permanently installed side launching work-class XLX-EVO ROV systems rated to 3,000 metres.

**Pipeelay Systems**
- The vessel is fitted with two reels. The maximum storage capacity of the main reel is 5,600t and can stow products from 4" to 20" diameter. The secondary reel is 1,600t. The maximum combined capacity is 5,600t.
- The maximum dynamic top tension is 600t. This is from the upper tensioner 162t, lower tensioner 318t and 120t back tension.
- The system can deploy PLETs measuring 5m x 5m x 10m.
- The system is fitted with two 325t abandonment and recovery winches. These can be used in a combined mode to recover a catenary weight of 650t.
- Other parameters:
  - Ramp angle 45-95 degrees
  - Piggyback DEH and rigid
  - Flexible pipe top tension 210t
  - Aligner diameter - 21m
  - 75t spooling-on tensioner
  - Twin level work station
  - Straightener for 14" x 18" pipe-in-pipe

**Accommodation**
- **120 persons**
- **Suites**: 4
- **Single Cabins**: 42
- **Double Cabins**: 37

**Helideck**
- The helideck is approved for Super Puma, S61N, S76 and S92. Kongsberg HMS 100 is fitted.

**Communications Systems**
- The vessel is fitted with fleet broadband.