

Emma Plough



Characteristics

Main characteristics:

- Length: 10.7 m
- Width: 5.1 m
- Height: 4.4 m
- Weight in air: 20.8 tons
- Maximum water depth: 1,500 m
- Trench width: 210 mm
- Towing force: 10 to 80 tons
- Burial depth: 3 m
- Typical burial speed: 0.6 to 1 knot depending on seabed conditions

Towing cable on traction winch

- Length: 3,500 m
- Breaking strength: 1,716 kN

Umbilical

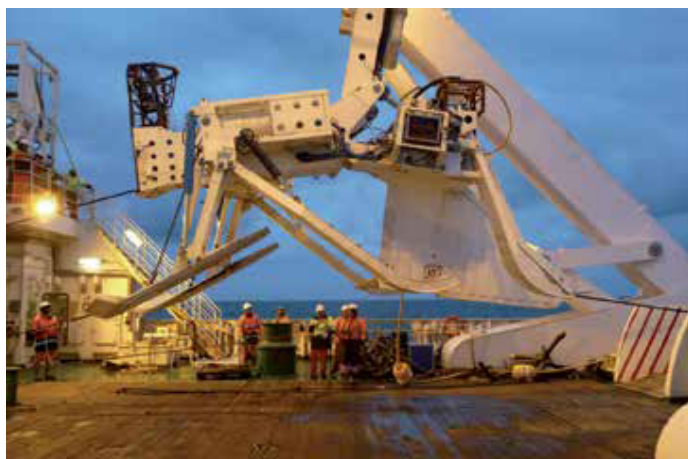
- Floating umbilical: power / optical fibre
- Length: 3,500 m

Telecommunication cable

- Cable size: from 17 to 150 mm diameter
- Repeater size: up to 380 mm diameter and 3 m length
- Cable radius: 1.50 m min.

Main equipment

- Blue view sonar and standard sonar
- Altimeter
- 3 to 5 color camera
- 2 Pan & Tilt
- MUX 907 serie
- Dead plough recovery equipment (power pack)
- Biodegradable hydraulic oil



Ploughing conditions

- Around 30° slide slope max, 30° fore and aft pitch
- Steering: 15° angle

20 Control Cabin

- Control console
- Video screens with recorder

Control system

- Full standard MD3 type sensors
- Control and alarm equipment, cable counter
- SMD upgrade of POD and surface system in 2017

Structure

- Share mobile relative to the frame, skid articulated relative to the structure
- Share and skid in high resistance steel
- Piping and fittings in stainless steel 304L
- Same towing and lifting point
- Cable guided through the share and pushed into the bottom of the trench by depressor arm

