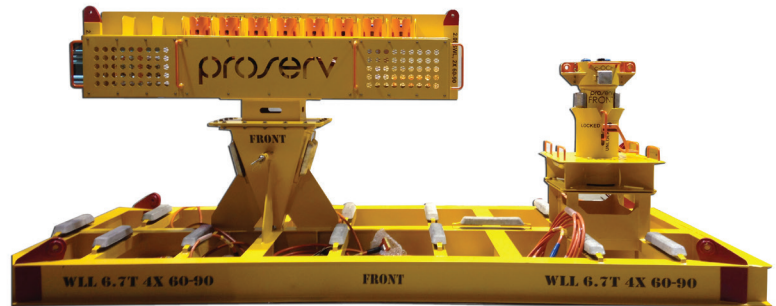


## Proserv Subsea Distribution Equipment

Proserv Subsea Distribution Equipment are designed to centralize all control and data signals for subsea application in a compact standalone module. Proserv Umbilical Termination Unit technology core models include:

- Subsea Umbilical Distribution Assembly (SUDA), pictured
  - Umbilical Termination Head (UTH), pictured
  - Electrical Distribution Unit (EDU)
  - Mudmat
- Subsea Umbilical Termination Assembly (SUTA)
- Subsea Distribution Unit (SDU)
- Chemical Distribution Unit



The SUDA incorporates a fully qualified stab cone design allowing for either 1st end or 2nd end installation. Each unit is individually ROV retrievable and can be customized per customer requirements.

### Features & Benefits

- 1st end or 2nd end installation
- 4 x junction plates with 2 x Logic Caps and 10-slot EDU
- Multiple configurations available, can interface with all 3rd party inputs (hydraulic, electrical, optical)
- Customized design, based on client requirements
- Designed using 3D design software allowing for Dynamics testing including complete stress analysis
- Full support and maintenance provided by Proserv
- Installation, commissioning and deployment support of units done by Proserv



### Technical Specification

Estimated weight, Full Assembly (UTH, EDU, Mudmat)	In Air: 24,583 lbs In Water: 21,510 lbs
UTH (L X W X H) with Deep Water Cone & Hinge-Over Assembly	159" X 43" X 76"
EDU (L X W X H) with Deep Water Cone	137" X 30" X 79"
Mudmat (L X W X H)	Sized per company provided soil data requirements
Interfaces	Company preferred Junction plate and couplers. ODI or Tronic electrical connectors
Mudmat lifting certifications	API 2H Grade 50. 8.4 metric tons with a 4-point lift. Sling angles 60-90 degrees from horizontal.
Construction	Carbon steel and coated in accordance to Proserv subsea coating specification
Cathodic protection	Structure shall incorporate anodes designed for a 25 year life.

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