

Ucap – Subsea Debris, Mud and Protection Cap System

ROV Removable Electrical / Optical Connectors and Connector Blocks UCap

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The Udeco **Ucap System** includes of a range of Subsea Mud, Debris and Protection Caps that are used for ingress prevention and protection of subsea equipment and assemblies. The system includes Surface, Diver and ROV Removable, Horizontal or Vertical mounted caps. Ucaps are delivered for a range of sizes and applications, adjusted to client specific requirements prior to manufacturing.



ROV Removable Electrical Connector Block debris on Subsea UTA (FUTA) – Gulf Of Mexico
The FUTA was landed onto a pre-installed two segment Umat (temporary mat type)

Construction

- Made from high strength tear resistant laminated polypropylene fabric and tarpaulin material. The polypropylene fabric permits water and air to penetrate. There is no penetration of mud, sand or silt.
- 3mm thick sticky and elastic para-rubber seals all potential mud, sand and silt ingress areas.
- Includes high strength pull-off strap.
- Industrial type Velcro closing and securing arrangement.

Features & Particulars

The ROV Removable Ucap for subsea electrical connectors and connector blocks main features and particulars are:

- Installed onto connector / connector block in order to prevent mud and debris ingress into the connectors during seabed lay down, during any pull in operations and prior to any connection operations.
- One single pull by the ROV manipulator releases and remove the Ucap.
- If needed a venting feature that allows air to escape when it passes trough the splash zone can be included (if there is air that shall escape).
- If needed a lead plate will be incorporated into the cap such that it becomes non-buoyant.
- Tested and verified on dummy blocks and connectors prior to delivery. Video from test is available showing the pull-off of the Ucap from a block connector assy.
- Installation and removal procedure including storyboard drawing is available.



ROV removable debris cap for triple block, dual block and single electrical / optical connectors

Contacts

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