

Ucap – Subsea Debris, Mud and Protection Cap System

Surface Installed and Removed

Pull-in Head Assembly Protection UCap

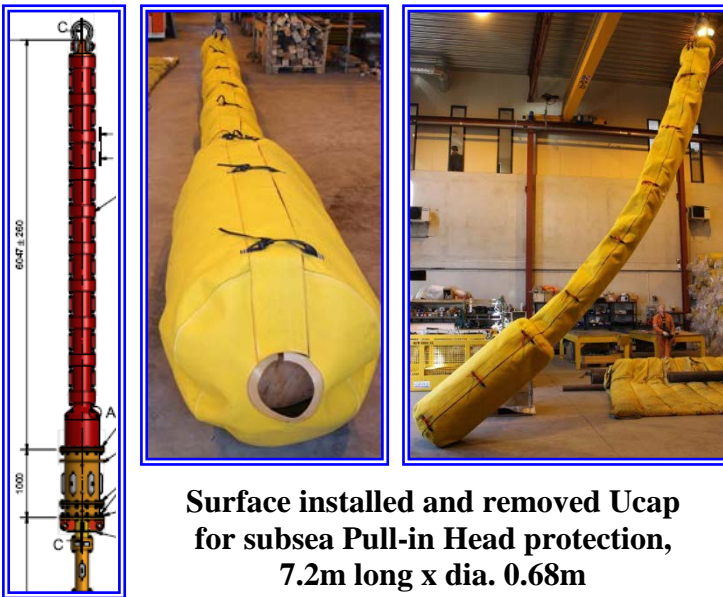
Doc. No.: IN-UDE-180-DS-042, Rev. 01

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.

Features & Particulars

The Surface Installed and Removed Protection Cap for Pull-in Head Assembly main features and particulars are:

- Installed onto pull-in assembly on surface prior to deployment.
- Can be installed and removed with the pull-in / lay down wire in place.
- Current design based on surface removal. However, it can be adjusted to permit ROV removal.
- Prevent mud and debris ingress during seabed lay down, and during pull-in operations.
- Protection of equipment coating during pull-in operations.
- It includes a venting feature that allows air to escape when it passes through the splash zone.
- Dimensions accommodate any bending / flexing of the pull-in head.
- Tested and verified on dummy pull-in head prior to delivery.
- Installation and removal procedure including storyboard drawing is available.



Surface installed and removed Ucap for subsea Pull-in Head protection, 7.2m long x dia. 0.68m

Construction

- Made from high strength tear resistant laminated polypropylene fabric. 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 a light weight swing clamp assembly (stainless steel and PEHD material) in the nose.
- Includes three level of closing. I.e. industrial type zip closing, Velcro closing and finally strap closing.
- Includes a number of air ventilation flappers that incorporate a 5 mm thick lead plate inlay for closing purposes.



Ucap nose with swing clamp during test and when on seabed / in rock dump.

Contacts

Udeco AS
Mekjarvik 2
N-4073 Randaberg, Norway
Switchboard: + 47 51 41 61 00
E-Mail: Postmaster@udeco.no
Web: <http://www.udeco.no>