

HFL and Jumper Installation

Ubas Multifunctional Subsea ROV Basket System

Doc. No.: IN-UDE-180-DS-010, Rev. 02

The Multifunctional Ubas ROV Basket System includes a number of different types of ROV baskets. These baskets are available in their standard configuration, or they can be re-configured for Hydraulic Flying Lead, HFL, and Jumper deployment and installation.

General

- Low cost deployment and installation alternative.
- All required equipment available on short notice, one or several basket units.
- MQC parking panels or stands will be mounted onto the basket prior to delivery.
- Supplier specific or generic type cobra head / MQC parking receptacles are available.
- Low cost, fast installable Ufists Ball Fists (Monkey Fists) for basket and seabed ROV handling of the HFL are available. These includes anti-slip attachment straps and temporary shortening rings.
- If required Udeco perform loading including pull-out test of HFL & Jumpers.
- ROV installable Twin Ubag, sand filled, are available for stabilisation of the HFL on the seabed.
- Ucross protection covers (low profile) are available for temporary or permanent dropped object protection of the flying leads. These covers can be rock dumped if required.
- In case of direct rock dumping of the HFL, it can be provided with the Uzip protection / separation sleeve that is wrapped around cables prior to the installation of an outermost spiral guard.
- 'Transport, Handling and Outline Installation Procedure' available.

Ubas A & B HFL - Baskets

- The baskets are provided with a vertical mounted bolt-on MQC panel that includes the MQC parking receptacles incl. Lock/Unlock function, ROV grabbers and marking.



- Suited for shorter HFL's / Jumpers. Typically 45-50m long.
- Ubas B ROV Basket with hinged down sides will accommodate an approx. 60-65m long jumper.
- The basket includes a single cylinder Ubag counter weight placed opposite the MQC panel for balancing purposes.
- Can accommodate HFL with a minimum bending radius up to 1.0m



Ubas G - HFL Basket

- Alternative 1: The baskets are provided with a vertical mounted bolt-on MQC panel that includes the MQC parking receptacles, ROV grabbers and marking (as Ubas A/B Baskets).
- Alternative 2: The baskets are provided with vertical mounted bolt-on MQC parking stands that includes MQC parking receptacle, ROV grabber and marking. The stands can quickly be laid down for transport and/or basket stacking.
- Generic parking receptacles includes a ROV operated cobra head / MQC Lock and Unlock function.
- Panel and stands can be positioned on the basket to suit the subsea operation / basket landing position and orientation, and any ROV interface requirement.
- Suited for HFL's / Jumpers, typically up to 115m long (i.e. dependent on jumper diameter). Alternatively, it can contain two shorter jumpers.
- For longer HFL's the basket can be provided with side extension. In this case, the basket can contain a 215m long HFL (dependent on diameter).



- Can accommodate HFL with a minimum bending radius up to 0.9m
- Can also be provided with compartments for combined HFL and EFL/OFL installation.

Contacts

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