

FLP Box

EFL / OFL – Flying Lead Positioning / Parking Box Ubas Multifunctional Subsea ROV Basket System

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The Flying Lead Positioning / Parking Box, FLP Box, is used for EFL / OFL flying leads with three, or four legs / tails. The connectors are parked in receptacles included in the box. The ROV retrieve the box from the deployment basket, and while the connectors are still parked, bring the box together with the EFL / OFL cable over to the position where the flying lead ends shall be connected.



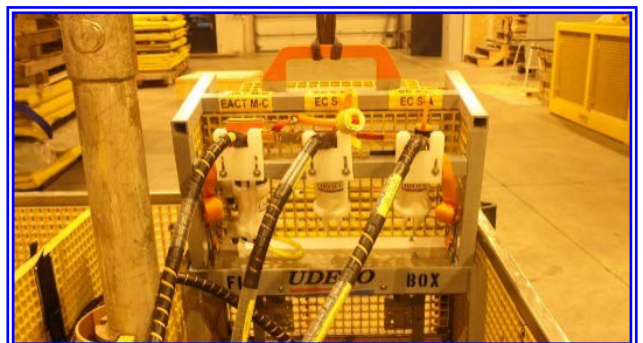
Construction

- Construction made from GRP profiles, grating, stainless steel plates and PEHD plates. Weight in air is 97kg, in seawater 50kg.
- Size (L x W x H): 0.95m x 0.53m x 0.74m.

Features

- Simplifies subsea installation of multi leg EFL's and OFL's.
- Provide securement and protection of the connectors during ROV pull-out of multi leg EFL's and OFL's.
- Permit placement of cable ends in location where a subsea basket cannot be landed.
- Can be used as a local temporary parking box for EFL/OFL connectors during intervention / workover operations.
- Deployed in an Ubas A, B or G ROV Basket that includes compartments for EFL's/OFL's.
- The basket FLP Box compartment includes guides that will secure the position of the box during deployment, and guide the box when it is lifted out of the basket.

- The basket includes a ROV releasable securing strap that secure the box in the basket during deployment.
- Generic type parking receptacles that are mounted inside the box. Various sizes are available.
- Two or three connectors can be parked in a FLP box.
- Up to a six leg / tails cable assembly can be accommodated by using two FLP boxes.
- Includes height adjustable cable / bend restrictor guides. The guides limit the rotation of the connectors in the receptacles when EFL / OFL cable ends are being pulled out from the basket and the box is moved by the ROV over to the connection position.
- Includes ROV releasable Ustrap securing strap that tie down and secure the cables in the guides.
- Includes Utag marking tags identifying the parking receptacles.
- Includes underside rubber sheet for friction and protection purposes when landed onto a subsea structure.
- Includes underside a grating section for providing grip when landed onto seabed.
- An inside stainless steel bottom plate cover the bottom grating to prevent sink in on soft seabed & contributes to a low centre of gravity.
- An inside bottom stainless steel weight plate contributes to a low centre of gravity & balancing of the structure.



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