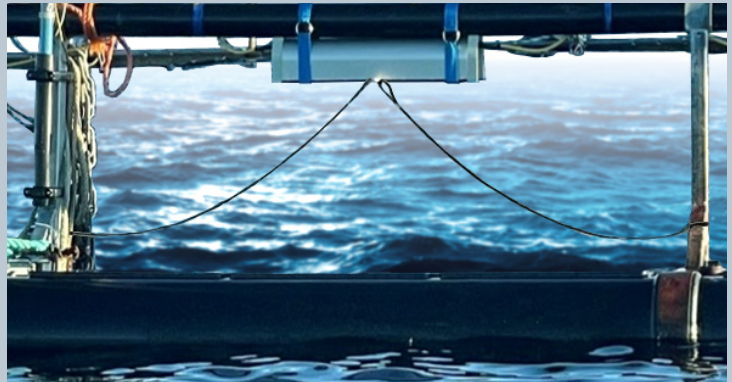


NORBIT AQUA POWER DISTRIBUTION CABINET (PDC)

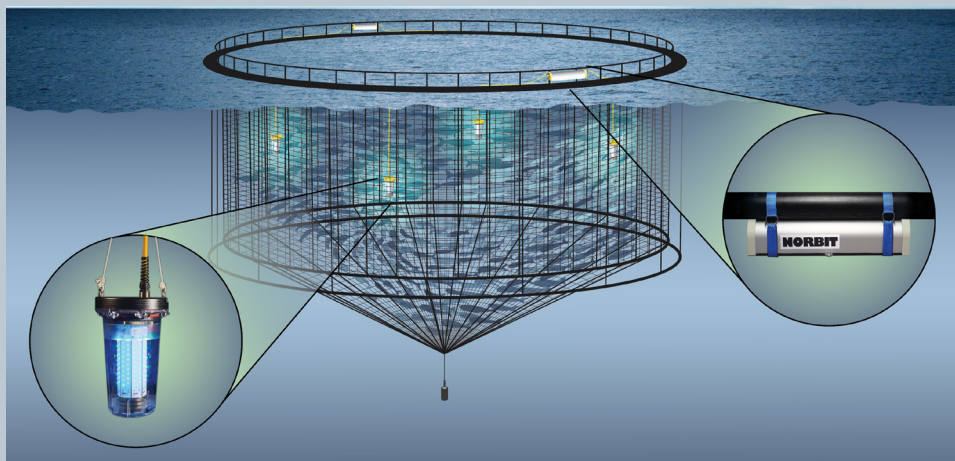
In order to meet stricter requirements to avoid escape and to ensure good and safe HSE, NORBIT has developed a unique closed unit for operating underwater aquaculture lights. The Power Distribution Cabinet (PDC) is designed to be hung under any handrail, which allows it to be adaptable to many different types of aquaculture cages, including steel cages. This location means that the unit does not impede daily operations or create an obstacle to traffic on the footpath. The unit is mounted using strong, industrial-quality Velcro straps with a breaking strength of one ton. This means that the system can be set up in less than 5 minutes and without the use of any tools.

Since the device is hung under the handrail on the outside of the jumping net, the risk of damage is reduced. In addition to the Velcro straps, an eyebolt is fitted at the front which is used for secondary securing with rope. This solution prevents the unit from moving horizontally on the handrail and the occurrence of pendulum movements are reduced.



From the PDC comes a fixed cable on the right and left side respectively. These cables are attached to the handrail with two accompanying Velcro bands, which then forms an additional safeguard against the device coming loose. Weighing only 17 kg, the unit is designed to be lightweight in order to facilitate assembly and avoid possible damage to the handrail.

It is common for operators to have difficulty attaching connectors to devices mounted on the cage, this problem is solved by two five-metre fixed cables protruding from each side of the unit with robust connectors at the end which are used when connecting and disconnecting lights. Another important detail is that the device is sealed with rivets to ensure only the manufacturer can open the casing. This minimizes the risk of personal injury.



EXPERTS in sensor equipment providing telemetry and communication solutions for harsh environments.
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