Containerized Deployment System (CDS) for ROVs

The containerized delivery system provides necessary components to deploy and operate an observation or light work class ROV in water depths up to 13,000 fsw / 4000 msw. The CDS integrates an active heave compensated launch and recovery system, surface power unit, ROV/tether management system (TMS), umbilical, and control room into a single container.

FEATURES

- Reduces crew size and system footprint on vessel
- Capable of deploying ROVs to 13,000 fsw / 4000 msw
- Reduced shipping and mobilization costs
Containerized Deployment System (CDS) for ROVs

As the leader in light work and observation class ROV services for the scientific community, Oceaneering offers the CDS solution to provide a compact, fully-integrated solution for ROV deployment.

A fully-enclosed container protects the entire ROV spread during transport and installation. The CDS deploys faster than a traditional ROV vessel spread and results in faster, lower-cost global mobilizations due to its fewer number of components. The system is multi-configurable and can be outfitted to operate and deploy an observation or light work class ROV system, drop camera, or other specialty package including customized packages provided by the customer.

» Primary umbilical is installed on the winch and a backup umbilical is available.
» Docking cone with dampening prevents damage to the ROV during deployment and recovery.
» Integrated surface power units enable installation of the CDS with minimal vessel interfaces.
» Houses a complete ROV control room with pilot chairs, interface electronics, and 6 wall-mounted LCD displays to ensure operator comfort and efficiency
» Integrated launch and recovery system (LARS) eliminates the need for vessel-based davits or A-frames for overboarding
» A gravity base system included in the CDS design eliminates the requirement for structural welding to the deployment vessel.

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>8 x 8.5 x 20 ft / 2.4 x 2.7 x 6.1 m</td>
</tr>
<tr>
<td>Weight</td>
<td>34,000 lb / 15422 kg</td>
</tr>
<tr>
<td>Launch and recovery system</td>
<td>Integrated active heave compensated</td>
</tr>
<tr>
<td>System umbilical</td>
<td>13,123 ft / 4000 m</td>
</tr>
</tbody>
</table>