

Offset Installation Equipment (OIE)



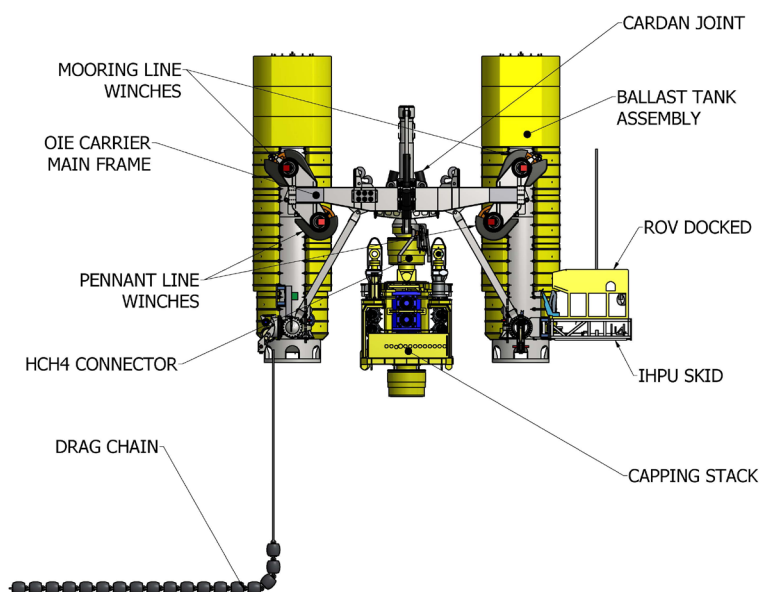
In the event of a subsea well incident, the **Offset Installation Equipment** enables safe installation and removal of capping, containment, or related equipment from a distance. This innovative, industry-first equipment is designed for situations where direct vertical access to the wellhead is not feasible.

Key Facts

- Allows deployment up to 500m offset from the incident site
- Operates at working depths from 75m to 600m
- Compatible with OSRL's capping systems
- Available internationally to OSRL members through a supplementary subscription
- Designed and manufactured by Saipem

Specifications

Maximum operating water depth	600m
Weight in air	236 tonnes
Maximum payload	136 tonnes at 300m depth; 130 tonnes at 600m depth
Buoyancy tanks	4 units
Mooring systems	3 units (50-tonne capacity each)
Capping stack connector	18¾" 15kpsi HC/H4 Collet Connector
Inclination capability	Up to 15° (750mm stroke) 13.2° (1500mm stroke)
ROV docking stations	2 units with isolated hydraulic power unit (IHPU)



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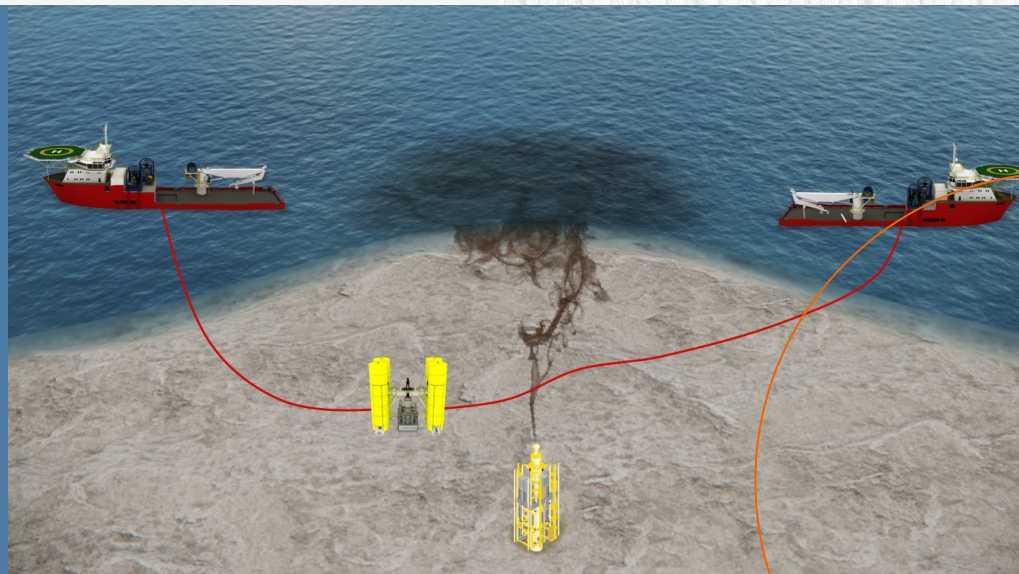
Components

The OIE includes:

- **Base structure:** Main structure with bracings and cardan joint for controlled positioning
- **Buoyancy modules and ballast Tanks:** Provide positive buoyancy for equipment handling
- **Mooring winches:** position and tensioning systems for accurate deployment
- **ROV interface panel:** Controls carrier functions from the topside via an ROV
- **Surface equipment:** Control and workshop containers, air supply, and winches

Storage

The OIE is stored in offshore-certified containers and maintained on transport pallets, ensuring it is ready for international deployment by road, sea, or air.



The package includes

- **Carrier assembly:** Equipped with ballast tanks, buoyancy modules, and Cardan joint for soft landing
- **Deployment and transport tools:** Winches, mooring lines, umbilicals, and drag chains
- **Storage and transportation equipment:** Transport pallets, containers, and deck stands
- **Testing equipment:** Hydraulic test jumper, dummy stab plate, and test console
- **Operational spares:** Comprehensive spares kit for intervention support