

Subsea Incident Response Toolkit



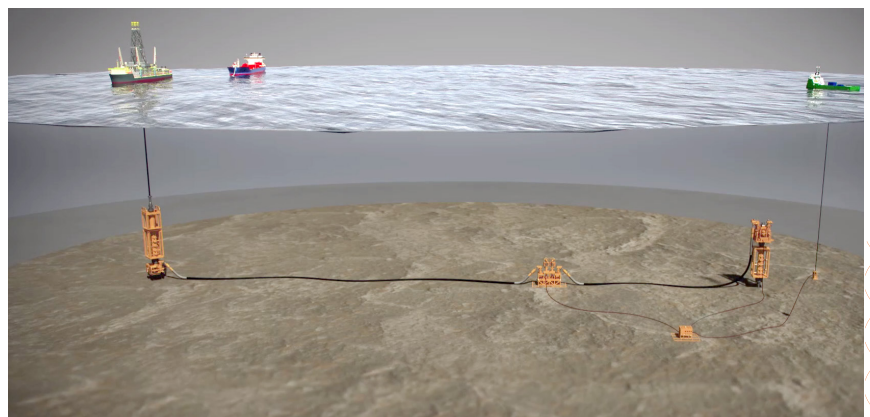
The **Subsea Incident Response Toolkit (SIRT)**, developed by OSRL in partnership with Oceaneering, enhances capability to respond to subsea incidents by providing essential equipment for emergency intervention, dispersant application, and debris clearing. The SIRT is stored in strategic global locations, ensuring rapid deployment for incident response.

Key Facts

- Designed for subsea deployment up to 3,000m water depth
- Includes tools for BOP intervention, debris clearing, and dispersant application
- Stored in two strategic locations: Brazil and Norway
- Transportable by road, sea, and air
- Maintained response-ready in 20ft and 10ft offshore containers for air freight

Specifications

- Water Depth: Up to 3,000m
- Equipment Storage Life: 20 years (storage)
- Temperature Range: -1°C to 130°C (operation)
- H₂S Content: Up to 500 ppm
- CO₂ Content: Up to 10 mol %
- Transportability: Road, sea, and air



Components : The SIRT consists of

BOP Emergency Intervention System	Tools for emergency Blowout Preventer (BOP) intervention if the rig fails to seal the well.
Subsea Dispersant System	Equipment package for injecting dispersant at multiple subsea locations, enhancing oil degradation and reducing surface oiling.
Debris Clearing Equipment	Tools for clearing debris to access the BOP or other critical areas.

Storage

The SIRT is housed in strategically located 20ft and 10ft offshore containers, ensuring rapid response. Stored in Brazil and Norway, the toolkit is maintained response-ready and is packaged to allow quick mobilization by road, sea, and air.

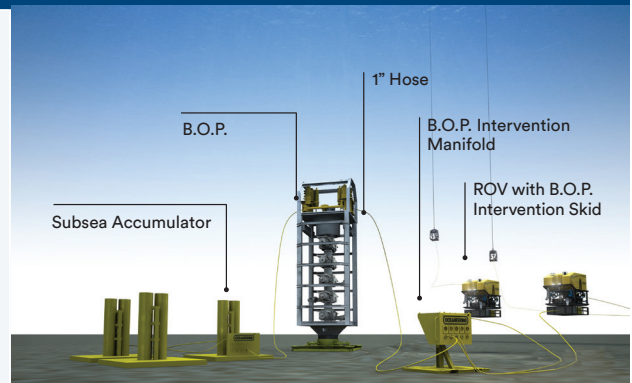
Subsea Incident Response Toolkit

The SIRT Toolkit is available globally via SWIS membership subscription.

Package contents

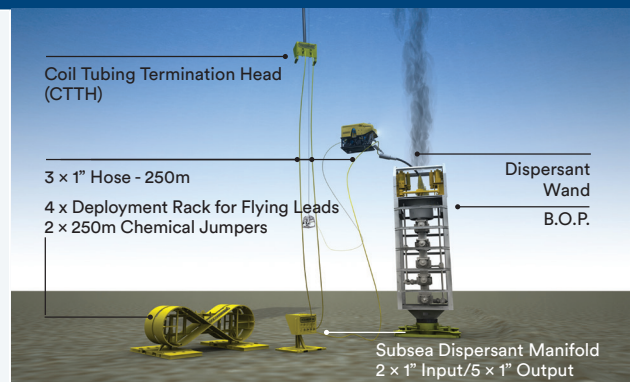
Each toolkit includes:

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| BOP Intervention Tools | <ul style="list-style-type: none">• ROV-mounted intervention skids, high-pressure accumulator skids, intervention manifold• Hose Size: 1" diameter |
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Each toolkit includes:

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| Subsea Dispersant Equipment | <ul style="list-style-type: none">• Dispersant wands (30" to 50"), chemical jumpers, deployment racks• Coil Tubing Termination Head (CTTH) and subsea manifold for multiple dispersant applications |
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Each toolkit includes:

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| Debris Clearing Tools | <ul style="list-style-type: none">• Hydraulic cutters, dredge pumps, grappling tools, multi-beam imaging sensors• ROV-operated tools like impact wrenches, valve override tools, and manipulator cameras |
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