

Split Lowering System (SLS)

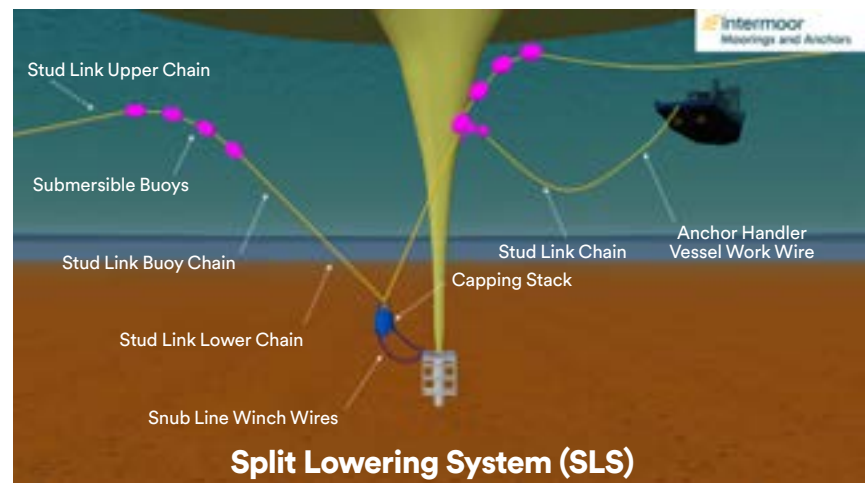


OSRL provides members with access to specialist intervention equipment for subsea well control during blowout events. The **Split Lowering System (SLS)** enables deployment of a capping stack in shallow-water environments (75m - 600m) where vertical crane access is unsafe due to surface boil, VOCs, and hydrocarbon at surface.

Key facts

- Designed and developed by Interimoor
- Enables capping stack installation in shallow water: 75m – 600 m
- Designed for scenarios where Lower Explosive Limits (LELs) / Volatile Organic Compounds (VOCs) at surface prevent safe vertical access
- Utilises three anchor handling vessels, a construction vessel, two remotely operated vehicles (ROVs), pre-cut chain segments, modular buoys, work wires, and a connection assembly
- Allows controlled movement of the capping stack into the blowout plume prior to landing on the incident well
- Used with the OSRL Snub Line Winch System (SLWS) developed by Oceaneering for precision alignment
- Can also support the removal of the Lower Marine Riser Package (LMRP) to allow access to the lower blowout preventer (BOP) equipment

Developed with Interimoor, the SLS provides a controlled and safe method for guiding a capping stack into position when conventional vertical access is not achievable.



Specifications : Split Lowering System (SLS)

Design water depth	75m to 600m
Deployment method	Horizontal towing and guided lowering using buoyancy strings
Primary vessels required	3 × anchor handling vessels 1 × construction vessel
ROV requirement	2 × ROVs for subsea operations
Primary components	Buoyancy strings, pre-cut chain, work wires, connection assembly
Final positioning method	Snub line winches on capping stack for precision landing
Secondary function	LMRP removal for access to lower BOP

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Split Lowering System (SLS)

OSRL Members can access the **Split Lowering System** through the Capping Supplementary Agreement.



SLS contents

- Buoyancy modules
- Work wires and towing assemblies
- Snub Line Winch System (SLWS)
- Sacrificial sling and recovery components
- Manuals and operational procedures

Storage and transport

- SLS components are stored in Norway
- All equipment is transportable by road, sea or air

