

OSPRAG capping device and subsea incident response toolkit (SIRT)



OSRL offers its members operating within the UK Continental Shelf (UKCS) access to the **OSPRAG capping device** through a supplementary agreement.

Key Facts

- Constructed specifically for wells in the UK
- Manufactured by Cameron Ltd
- Stored and maintained by OneSubsea in Aberdeen, Scotland on behalf of OSRL
- Designed to seal-off an uncontrolled subsea well in the unlikely event of a blow-out, minimising environmental damage and buying valuable time for engineers to develop a permanent solution to seal the well
- Deployable across a wide variety of wells and oil spill scenarios, including the UKCS and West of Shetland, ensuring rapid response capability wherever needed.
- Can connect to a BOP, wellhead, or flex joint with an additional spool if required
- Well kill or flowback operations possible through side outlet
- Designed for subsea use to a maximum water dept of 3000m
- Deployment from a wide variety of multiservice vessels or drilling rigs
- For high pressure/high temperature wells (up to 15,000 PSI and 121°C)

Specifications

Normal size	5.1/8" vertical bore & 5.1/8" side outlet bore
Pressure rating	15 000 psi (1034 bar)
Design life	1 year continuous immersion 20-year storage
Design water depth	10 000 ft (3048m)
Performance requirement level	PR2 sandy service
Product service level	PSL 3g
Api material class	EE - NL
Api material class for valves	HH-NL
Temperature rating	Class P to U (-29°C to +121°C)
Weight	46 tonnes
Capping device footprint	160.07" X 183.11" X 281.10" high
Dimensions	(4.066m x 4.651m x 7.140m high)
Shipping dimensions	160.07" X 183.11" X 210.44" high
	(4.066m x 4.651m x 5.345m high)
Control fluid	Castrol Transaqua HT2
Wellhead profile	H4 Mandrel
Wellhead connector	18.3/4" 15k H4 Collet Connector
Lower gasket profile	VX inlaid with nickel alloy 625
Capping device top connection	Lifting interface
Capping device flow outlet	Open vertical bore and open side outlet
Side outlet connection	Destec GX8SB single bolt subsea connector

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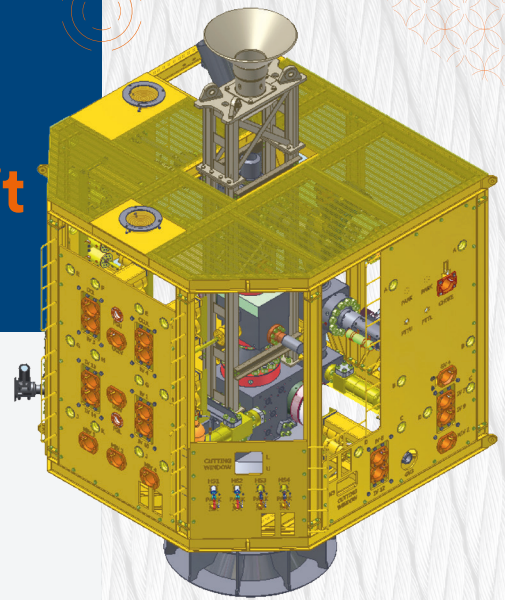
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OSRL provides members with access to a **Subsea Incident Response Toolkit (SIRT)**.




SIRT Key Facts

- The toolkits include: - debris clearing equipment with cutting tools to gain access to the blowout preventer (BOP) where necessary. ROV tooling is also available for intervention operations
- Transportable by road and sea
- Stored in Aberdeen
- Manufactured and maintained by Oceaneering

Storage

The SIRT is stored in 2x 20ft offshore containers, maintained response ready for immediate mobilisation

Tools are stored in steel, wooden and hard plastic boxes and include spares. An additional 20ft offshore workshop container is equipped with spare parts and hand tools.



**Anytime
Anywhere**

The package contains

- 2x 60" chop saws (18" to 24" cutting range)
- 3x 22" chop saws (4" to 8" cutting range)
- 1x multi-purpose cleaning tool
- 3x flying lead orientation tools (FLOT) (allows for real-time positioning of torque tool)
- 3x torque tools class 1-4 (operates rotary valves from class 1-4)
- 4x linear override tools (employs ROV hydraulics to move a piston to actuate a gate valve stem on subsea manifolds)
- ROV tooling test HPU (used for performing pre-deployment tooling tests)
- Acoustic modem and pressure transducer (monitor pressure from a subsea hot stab interface)