

OSPRAG CAPPING DEVICE

Oil Spill Response Limited (OSRL) can provide its members who operate within the UK Continental Shelf (UKCS) access to the OSPRAG Capping Device through a supplementary agreement.

OSPRAG (the UK Oil Spill Prevention and Response Advisory Group) was established in 2010 and includes senior representatives from all sides of the industry, industry regulators, the trade unions, the Maritime & Coastguard Agency (MCA) and the Secretary of State's Representative for Maritime Salvage and Intervention (SOSREP), with a representative from the EU Energy Commission attending as an observer.

OSRAG Capping Device: Key Facts

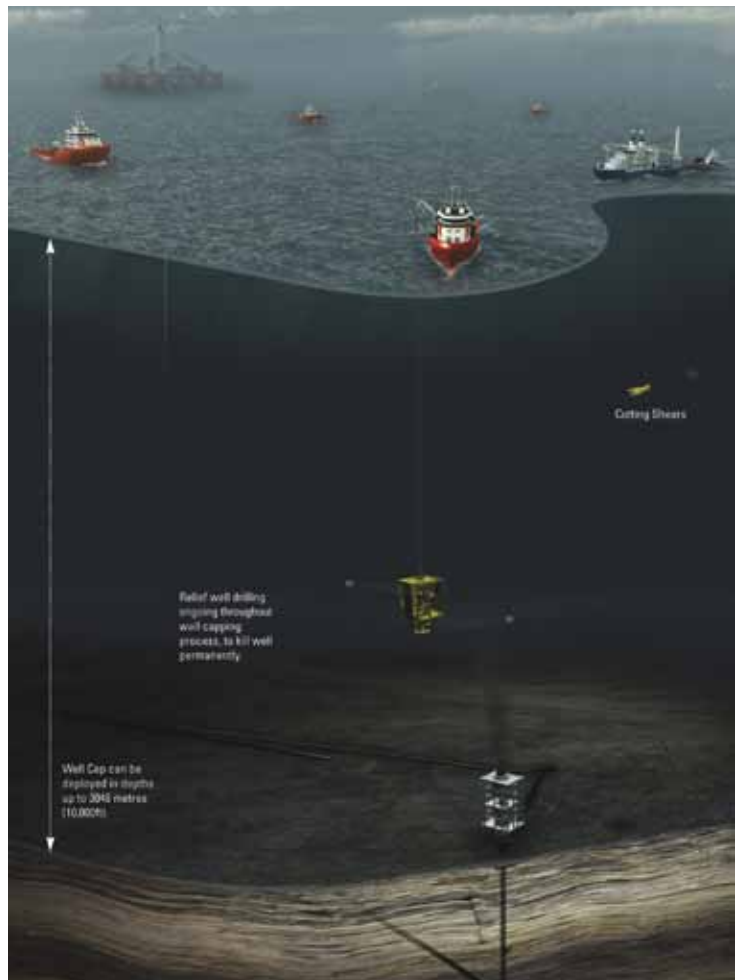
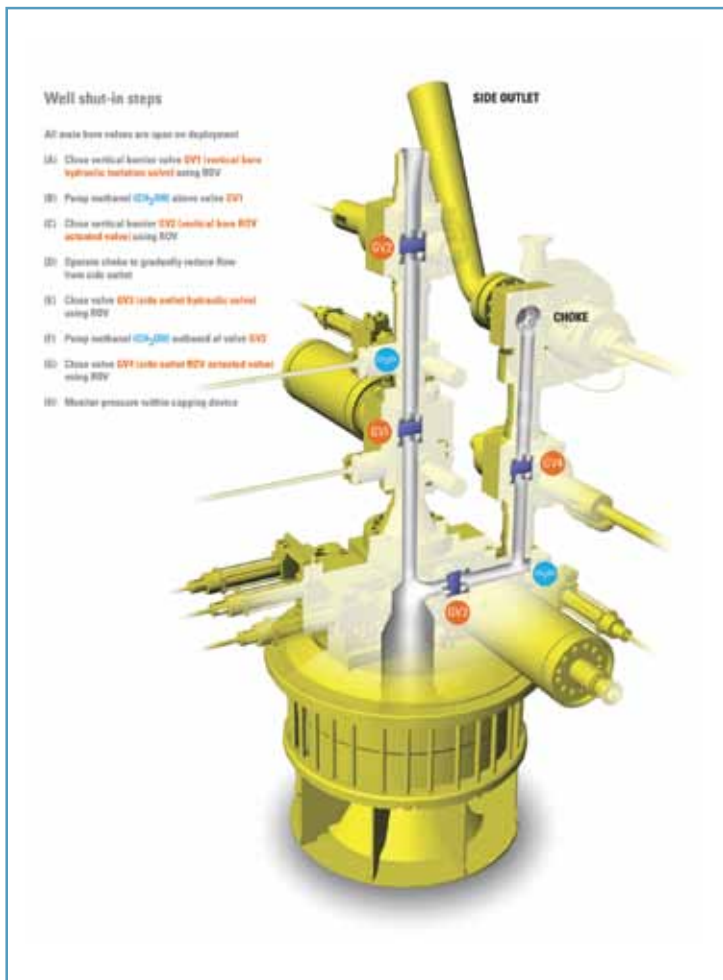
- Result of a recommendation by OSPRAG, its regulators and trade unions immediately following the blow-out in the Gulf of Mexico in April 2010
- Constructed specifically for wells in the UKCS
- Commissioned by OSRL
- Built by Cameron Ltd
- Held in Aberdeen, Scotland on behalf of OSRL

It can quickly be deployed:

- At the widest possible range of wells and oil spill scenarios which could occur in the UKCS, including West of Shetland
- To various parts of the subsea stack
- At water depths of between 100m and 3,048m (328ft to 10,000ft)
- In wave heights of up to 5m (16ft) high
- From a wide variety of multi-service vessels or drilling rigs
- To high pressure/high temperature wells (up to 15,000 PSI and 121°C)
- Even where there is a high content of hydrogen sulphide present
- Onto a well flowing up to 75,000 barrels a day

KEY FEATURES

- ✓ Built 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.
- ✓ Modular design means it can be attached to various parts of subsea equipment and deployed to the widest possible range of subsea well types and oil spill scenarios which could occur – including in the deep waters and harsh conditions West of Shetland.
- ✓ Portable size and weight also makes it relatively easy to deploy quickly from a wide range of vessels, even during short weather windows.



Images by Crucial Visual Communications Consultancy Ltd

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	43.8 Tonnes
Capping Device Footprint Dimensions	156.25" x 181.12" x 281.10" high (3.969m x 4.600m x 7.140m high)
Shipping Dimensions	156.25" x 181.12" x 180.49" high (3.969m x 4.600m x 4.584m high)
Control Fluid	Castrol Transaqua HT2
Wellhead Profile	H4 Mandrel
Wellhead Connector	18.3/4" 15 00 WP Annular piston design
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



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