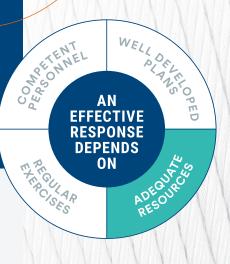
Technical information sheet

Unmanned Aerial Vehicle (UAV) Service



OSRL offers a Unmanned Aerial Vehicle (UAV) service that provides enhanced surveillance and data collection capabilities during oil spill response operations. Equipped with advanced sensors, UAVs can safely monitor and assess spill conditions from the air, minimising personnel exposure and improving response efficiency.

Key Facts

- UAV options include rotary and fixed-wing models for short- and long-range missions
- Equipped with sensors: HD visual, infrared, ultraviolet, and gas monitoring capabilities
- Fully integrated into OSRL's response workflows, ensuring seamless deployment
- Applications include shoreline assessment, wildlife monitoring, site security, and more

Outputs and Deliverables

- Geo-referenced imagery and video, transmitted in real-time to field responders
- Track logs documenting the UAV's
 flight path
- Overflight reports, GIS-compatible products, and live streaming to command centres (upon request and availability)
- Additional deliverables may include
 habitat mapping and post-treatment
 inspection documentation



Specifications	
Types of UAVs	Rotary and fixed-wing, suited for various operational needs
Sensor capabilities	Visual (HD), infrared, ultraviolet, and gas monitoring
Operational range	Short-range to long-range missions, adapt- able for inland and offshore use
Personnel	Each team includes a UAV pilot, sensor oper- ator, and OSRL response specialist

www.osrl.com

 Europe, Middle East and Africa
 T: +44 (0)23 8033 1551
 F: +44 (0)23 8033 1972
 E: southampton@oilspillresponse.com

 Asia Pacific
 T: +65 6266 1566
 F: +65 6266 2312
 E: singapore@oilspillresponse.com

 Americas
 T: +1832 952 1805
 F: +1832 952 1807
 E: houston@oilspillresponse.com

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 Singapore
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Technical information sheet

Unmanned Aerial Vehicle (UAV) Service

The Unmanned Aerial Vehicle (UAV) service is available globally to OSRL members.

Mobilisation

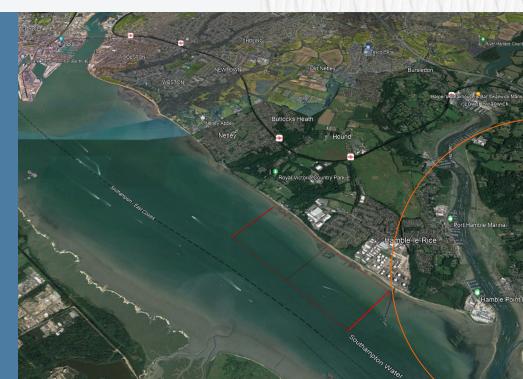
 Contact the OSRL Duty Manager for best-effort response. Mobilisation depends on flight permission and UAV provider availability.

Applications

 UAVs support SCAT teams, habitat mapping, booming plans, site security, wildlife hazing, gas monitoring, equipment tracking, and long-term monitoring. Regular training ensures consistent, highquality deployment.

Benefits

- Provides aerial access to hardto-reach areas and offers unique perspectives for comprehensive assessment
- Cost-effective compared to manned aircraft, with minimal space needed for launch and recovery
- Flexible operational capabilities in various environments, enhancing overall response effectiveness





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 Asia Pacific
 T: +65 6266 1566
 F: +65 6266 2312
 E: singapore@oilspillresponse.com

 Americas
 T: +1 832 952 1805
 F: +1 832 952 1807
 E: houston@oilspillresponse.com

 © 2024 Oil Spill Response Limited
 E: houston@oilspillresponse.com
 E: houston@oilspillresponse.com

