

ORCA

Unmanned Surface Vessel (USV)

Dual Mode Vessel:

Manned / Unmanned
operation modes



Unmanned Control Modes:

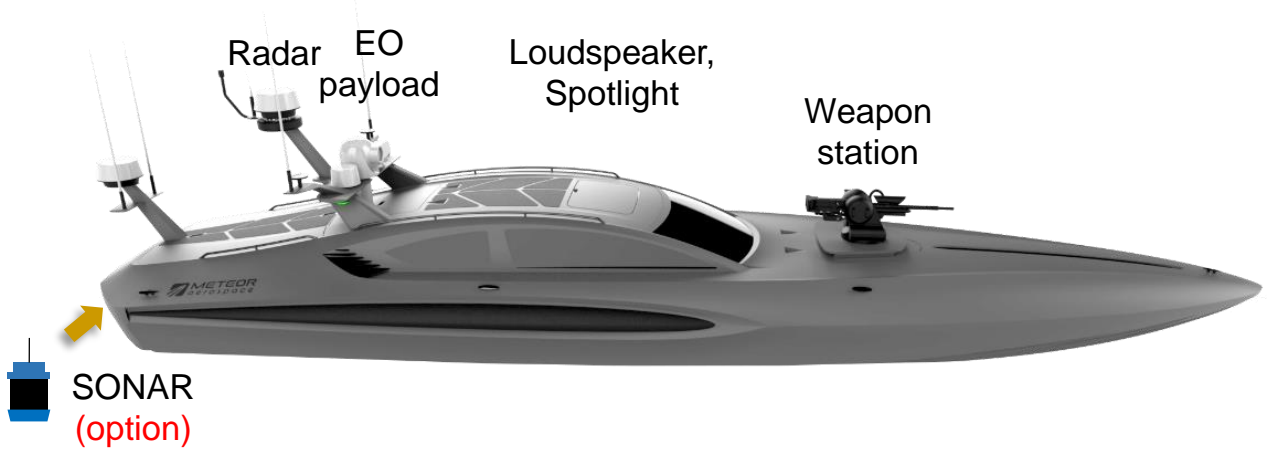
- Pre-planned autonomous patrol with obstacle avoidance
- Semi-autonomous
- Full manual remote control

Missions:

- Protection of rigs / ports / shore facilities
- Area / river patrol
- Armed escort



ORCA USV Overview



Length: 13.1 M
Beam: 3.4 M
Draft: 0.91M
Max Displacement: 8,000 Kg
Speed Max: >60 knots
Range: 700 NM



Unmanned mode: ORCA is operated via a data link from a remote **control station**.



Manned mode: ORCA is operated by an onboard **crew** of two from its built-in cabin.