

C-Worker 4

Compact Work Class ASV

The smaller of the C-Worker class of vehicles, C-Worker 4 is a diesel powered ASV designed to complete a variety of offshore and inshore survey tasks. C-Worker 4's waterjet propulsion system makes it an ideal solution for shallow water survey. The vehicle has the ability to integrate a range of standard survey payloads including ADCP, USBL, PAM and CTD.

KEY FEATURES



- Semi-displacement, fully enclosed self-righting hull
- Easily launched and recovery from an A-frame set up
- Road transportable on a trailer
- 24 - 48 hour endurance
- Waterjet propulsion system
- Max speed 7 knots
- Operated using the ASView control system

APPLICATIONS



- Marine construction survey: USBL, DGNSS
- Metocean data collection: ADCP, weather station, CTD
- Environmental: Passive Acoustic Monitoring (PAM)
- Hydrocarbon detection, skimmers, dispersants
- Seismic support: CTD, USBL, PAM, ADCP
- Site survey: multibeam sonar, motion sensors, CTD
- Sidescan sonar, observation class ROV
- Security and surveillance: cameras, video, infrared sensors

We are passionate about developing autonomous maritime vessels. Since 2008 we have pioneered the development of unmanned technology. We have designed and built more than 80 vessels which are now deployed all over the world in the service of the oil & gas, scientific and defence sectors. We are the sector's most experienced, tested and successful developer. We employ a world class team to deliver a safe, efficient, and reliable solution.

C-Worker 4

TECHNICAL SPECIFICATIONS

C-Worker 4	
Length	4.17m
Beam	1.58m
Draft	0.41m
Weight	680kg lightship
Propulsion	Marine diesel engine driving waterjet
Speed	Up to 7 knots
Endurance	Up to 48 hours
Control	ASView for direct, semi-autonomous or autonomous control
Communications	Radio/satellite



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