



SATEL case story | Machine control | L3Harris ASV

# From ship to shore

**Challenging conditions set high standards for data transfer. One application that takes this up a notch is marine target drones. L3Harris ASV is the leading supplier of unmanned and autonomous marine systems. The central factor in their solutions is meeting customers' mission-critical needs. The company uses SATEL radios in their C-Target high-speed marine target drones.**

C-Targets are lightweight and highly manoeuvrable marine targets used for naval gunnery training, weapons and platform trials, ship command and control assessments, and also surface-surface and air-surface applications. C-Targets are currently in operation in the UK, Singapore and South Korea.

## Safe, efficient and reliable

C-Target range has a variety of vessel sizes with proven capability for test and training. They can be used as a direct fire target or as a tow boat for inflatable targets or other small craft. The vehicles can also be customized to resemble specific craft.

- A range of target drones from 1–13 meters in size
- Realistic high speed threat emulation
- Remote operation through direct control or programmable console
- Manned and unmanned operation
- Can operate individually or as part of a swarm

Target drones are operated by ASView-T Control System. The system comprises of the core vessel system, base server, bridge operator user interface and helm remote controller. SATELLINE-EASy Pro 35W UHF radios are used as a ship-to-shore communications link. SATEL radios provide command and control information to the C-Targets and relay positional and telemetry data back to the remote operator. The range with SATEL radios goes beyond 10 kilometers.



Images: L3Harris Technologies 'C-Target' Marine Target Drones



## SATEL – Your technology partner

SATEL is one of the world's leading experts in independent radio networking technology. We develop high quality private radio technology solutions that enable mission-critical connections. We also offer network design service, technical support and training.

[www.satel.com](http://www.satel.com)

# SATEL

Mission-Critical Connectivity