



#### POC:

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### Diesel-Electric Submarine, *S101*







Diesel-Electric Submarine, *\$102* 





Diesel-Electric Submarine, *\$103* 





Diesel-Electric Submarine, AP6





Highly portable and easy to deploy with existing infrastructure, the mission-reconfigurable submarine, *S201*, is an ideal platform for operations in littoral waters.





S201 has a low radar cross-section when surfaced, and with appropriate camouflage it is nearly impossible to detect.

When submerged, *S201* is nearly undetectable under propulsion and silent when bottomed to collect data.

A comprehensive suite of active acoustic systems are installed aboard *S201* and additional active or passive systems may be added with little cost or engineering effort.

# S301, Shallow Water Combat Submersible Technology & Capability Demonstrator

Designed for launch & recovery from a dry-deck shelter and/or D5 missile tube

Length OA - 6.5m

Beam - 2.34m

Height OA - 1.75m

Crane Weight - 13,000 kg nominal

Maximum operating depth - 300 meters seawater

Surface Speed - Up to 6 knots (estimated)

Submerged Speed - TBD

Submerged Power Endurance - At 5knts: approx 30 hours, 150 nm

Complement - Two pilots & six divers



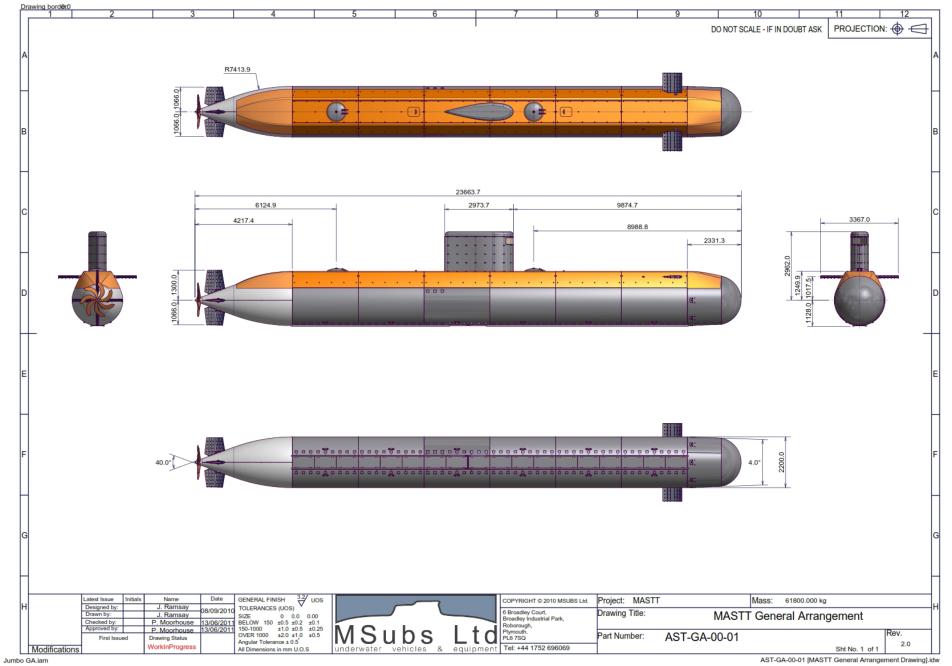




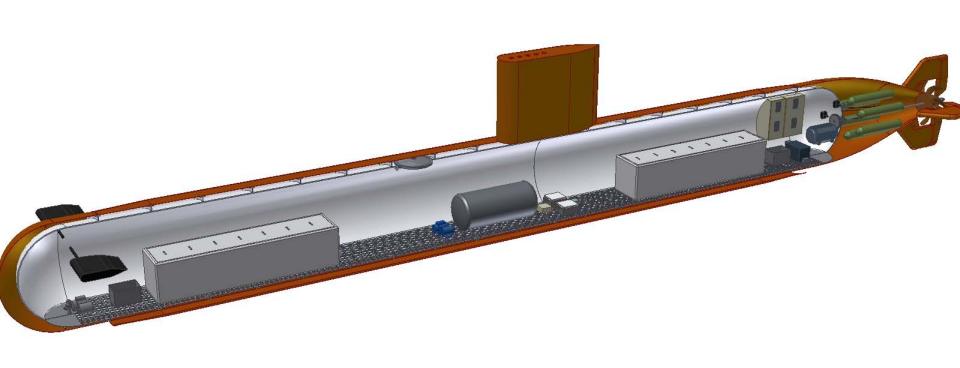


## **MASTT**

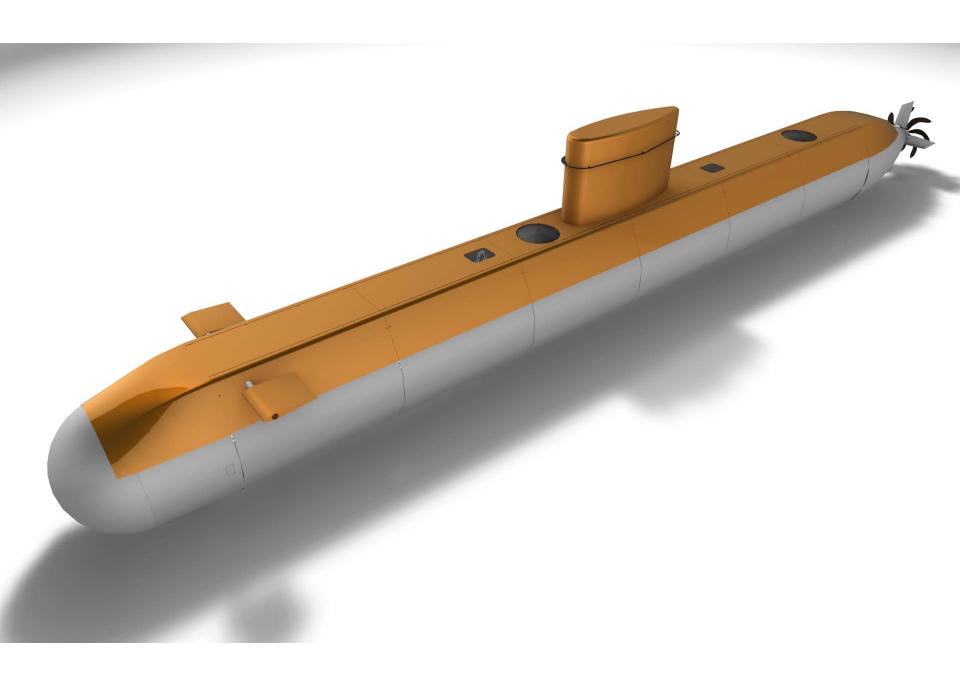
# Mobile Anti-Submarine Training Target







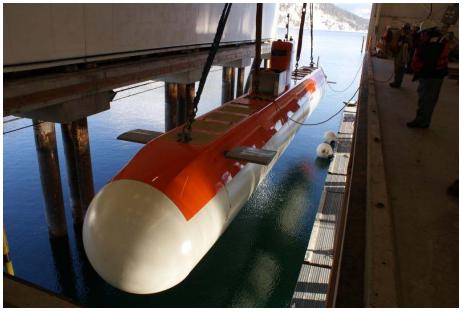


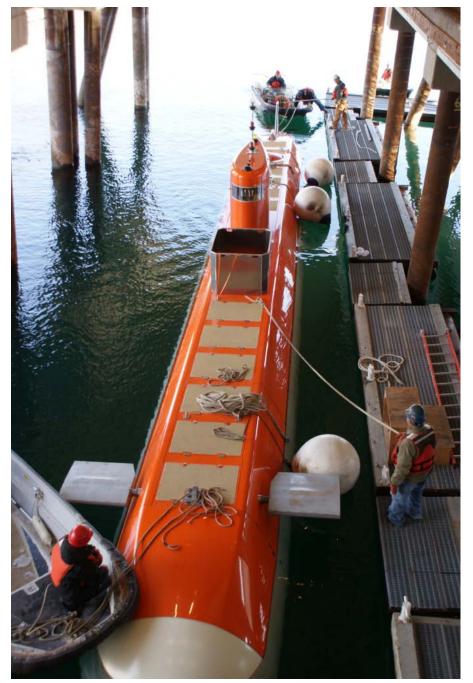
















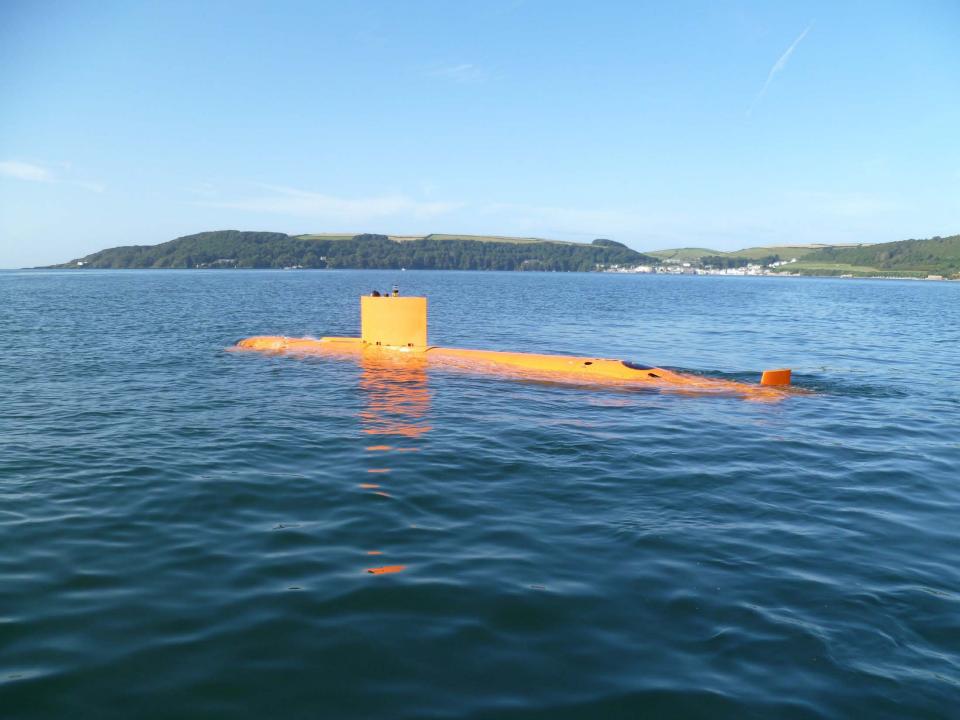




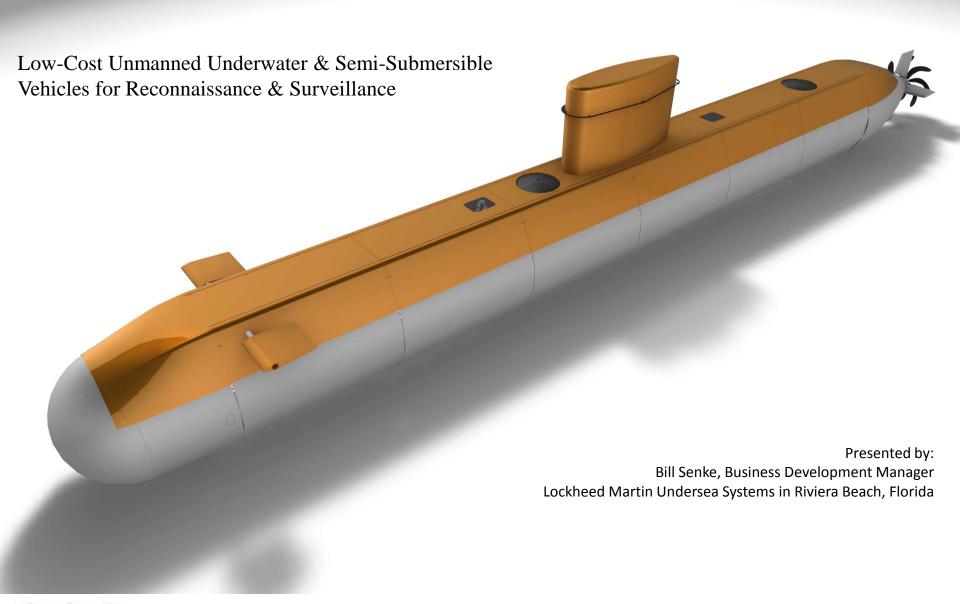














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### S201 ~ Experimental Research Transformational Submarine

Portable
Length:
9 meters

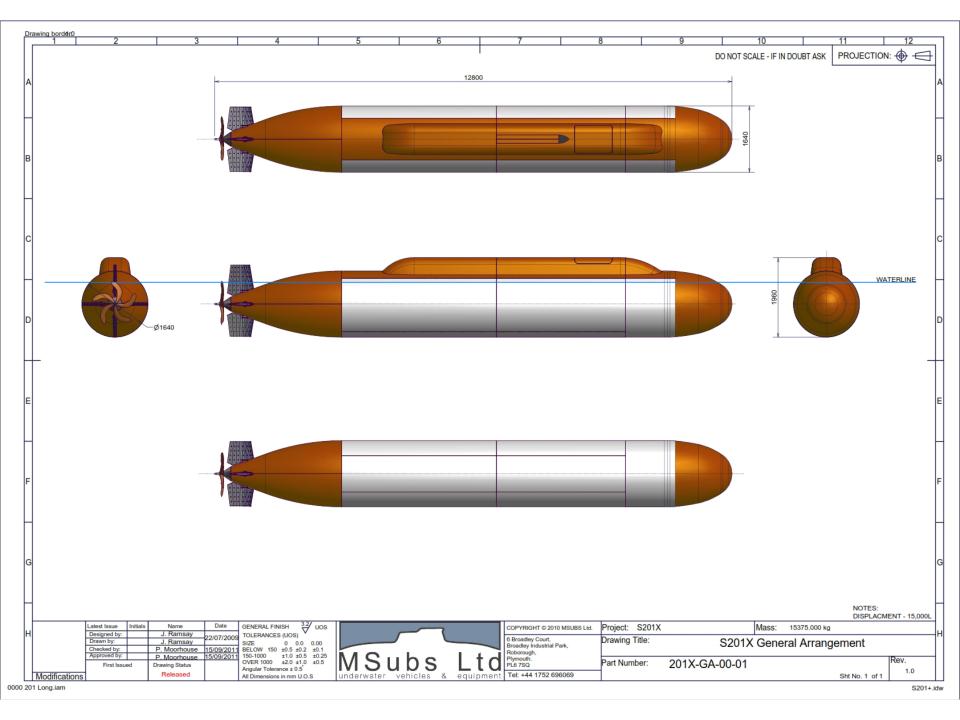
➤ Low Cost ➤ Beam: 1.65 meters

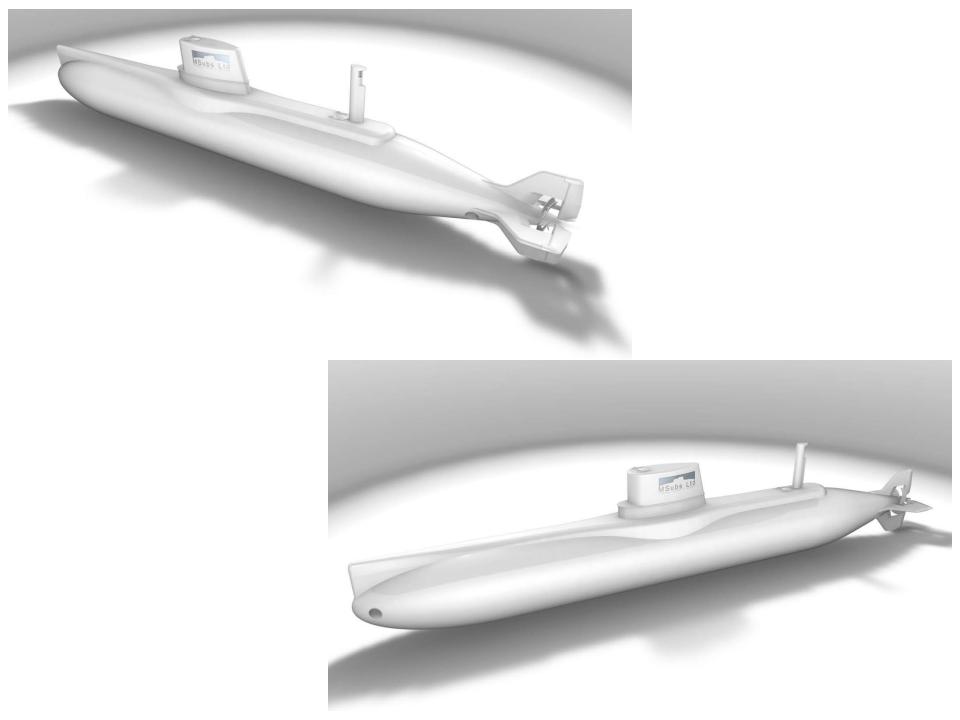
➤ 305m/1000ft Depth Rating
➤ Height:
1.85 meters

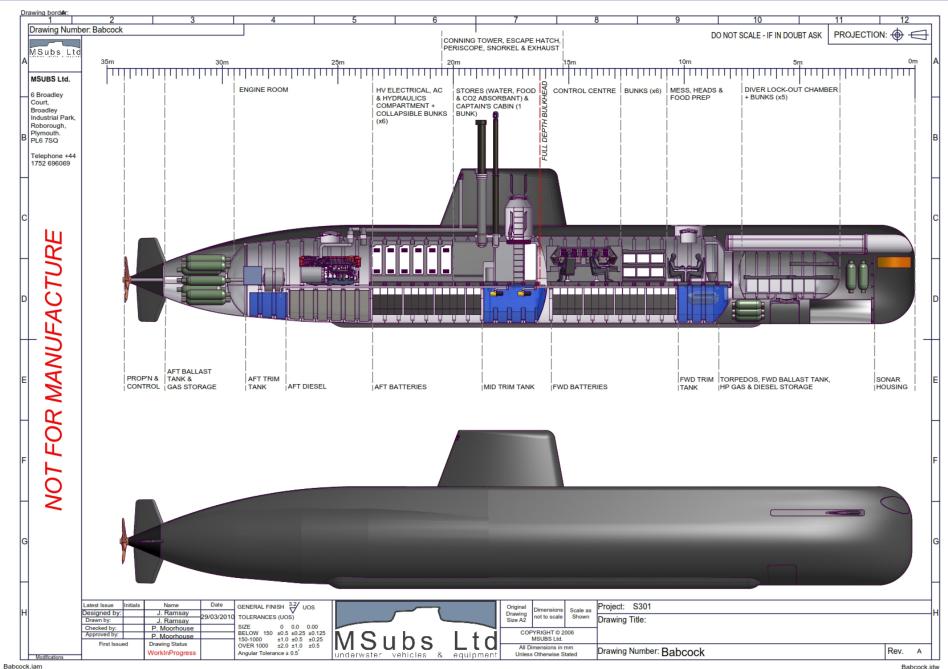
➤ 150 Nautical Mile Range
➤ Weight: 9 tons

24 Hours Submerged Duration
Cruising Speed: 5 knots

Autonomous operation
Life Support: 240 man hours







Sheet Number 1 of 3



Diesel-Electric Submarine, FC01



