

Talisman™ L

Unmanned underwater vehicle for inshore operations

Working to become a dependable partner of choice

At the heart of the mission system, BAE Systems Insyte delivers state-of-the-art naval command & information system solutions, giving customers the knowledge to command and the information to decide.

Our range of intelligent unmanned autonomous systems includes the multi-role Talisman family of unmanned underwater vehicles (UUVs), which provide a flexible surveillance and protection capability for key facilities and assets, including harbours, inshore mine countermeasures and a range of oceanographic missions.

The latest generation Talisman L uses the mission system, proven on the larger Talisman M, and re-packages it into a two man portable system for port and harbour protection and inshore mine counter measures (MCM).

It can be deployed from the shore, rigid hull inflatable boats (RHIB) or any platform of opportunity with either low freeboard or a small crane or davit. The system utilises the same control interface as other vehicles in the Talisman family.

Talisman L can be operated using a ruggedised laptop or similar portable device. Its open architecture command system also allows its integration with command & information systems aboard naval vessels or land-based vehicles. Data storage on the vehicle is arranged to facilitate rapid mission turnaround and analysis to maintain the tempo of operations.



Artist's impression of Talisman L operating in very shallow water



Talisman L - designed for two-man deployment from small craft



Deployable Surveillance Unit (DSU) deployed as UUV command station

OPERATIONS IN INSHORE WATERS

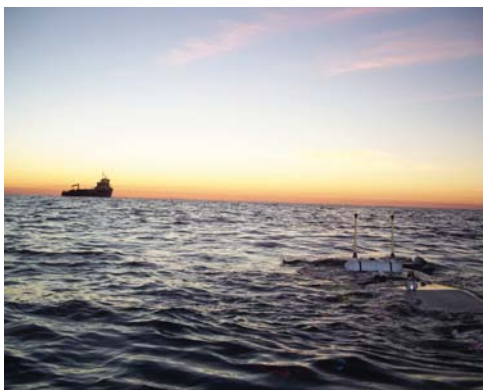
Talisman L is a camera and sonar platform for operation in inshore waters. It shares common system elements for autonomy and communications with Talisman M and features high accuracy onboard navigation sensors to allow transponderless operation whilst still providing precision positional accuracy. Mission planning and data analysis use the same toolsets as Talisman M.

Key features include:

- Advanced communication capability
- Open architecture modular approach
- Scaleable design
- Hovering capability
- High resolution forward look and sideways looking sonars
- Multiview camera systems with image enhancement
- Two-man deployable.



The Talisman L vehicle



Talisman M deployed from a vessel of opportunity in the Gulf of Mexico



Talisman L underwater

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