



SAAB

9LV SAT - RHIB MODULE



WHAT SAFER & MORE EFFICIENT OPERATIONS
THROUGH SHIP - BOAT C2 INTEGRATION
BY **DATA LINK & TACTICAL SUPPORT**

Saab's 9LV Situation Awareness Terminal (SAT) Rhib Module (RM) enables reliable over the horizon command and control of mobile maritime assets, extending the surveillance range and the utility of organic mobile craft.

A mobile asset, fitted with 9LV SAT, has immediate access to the same situational awareness and navigation safety data that the group commander uses to make decisions. Orders and status are quickly and easily passed, while the onboard tracker reports the position and movements of the asset back to the 9LV SAT Ship Module over an encrypted radio data channel.

Control and awareness of asset operations are simplified by the intuitive user interface which can be located on standalone touchscreen displays on the bridge or integrated into existing displays in the operations room.

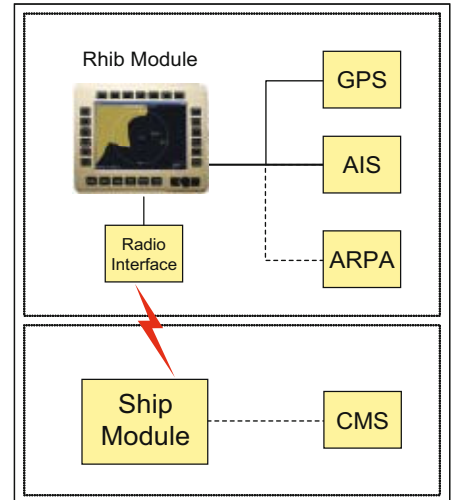
The RHIB Coxswain or Detachment Commander has a purpose-designed touch screen which is easily viewed and operated in the rough and turbulent environment of a high speed boat. The 9LV SAT in the RHIB is constantly updated by its parent ship's SAT Module.

Single button presses on the rugged touchscreen Rhib Module indicate compliance, status and emergencies so that the boat can continue transit at high speed whilst keeping the group commander fully informed of the situation.

Using proven 9LV Combat Management System (CMS) software components in rugged, fit-for-service hardware, the Rhib Module takes a 'plug and play' input from asset sensors such as:

- GPS
- AIS
- ARPA (optional)

Utilising the data from available sensors, both local and remote, the situation picture is automatically synchronised over the data-link between the Rhib and Ship modules. Saab's 9LV SAT delivers shared situational awareness, real-time command of organic forces, at over the horizon ranges, and responsive operational control to dramatically enhance operating methods and tactics, resulting in safer and more efficient rhib missions.



KEY SYSTEM FEATURES

- Asset Command and Control
- Rugged Proven Hardware
- Automatic Data-Link
- Sensor Integration
- Navigation Support

KEY SYSTEM BENEFITS

- Safer, more efficient Operations
- Over the Horizon range
- Coordinated Operations

Display Characteristics

Attribute	Characteristics
Display Size	12" IP68 Touchscreen with Bezel buttons.
Backlight Dimming	0-100%
Resolution range	VGA
Control	Touch Panel Control
Mounting Options	Rugged Mount and Screen Cover/Shield optional.

Control Box (CB) Characteristics

Attribute	Characteristics
Processor	Intel Core Duo 1.6GHz
Memory	2 GB RAM
Operating System	Windows XP Professional
User I/O	IP68 USB connection

Environmental Characteristics

Attribute	Characteristics
Temperature (operating/non-operating)	5°C - +55°C / -5°C - +65°C
Humidity (operating/non-operating)	30-90% / 5-95%
Vibration	Designed to meet MIL-STD-167
Shock	Designed to meet MIL-S-901D
Weight:	CB:>7.5kgs Display:>4kgs
Power Type:	CB: 12VDC Display: 12VDC
Power Consumption:	CB: 52Watts Display: 30Watts