SCC TITAN
SCC LRIT

SCC LRIT
Satellite-based long range ID tracking (LRIT) system with chat messaging and emergency alerts for Maritime vessels.

Tracking

The SCC LRIT continuously monitors a vessel's location and alert status, automatically transmitting its precise coordinates back to the operation center, via web-based Situational Command and Control (SCC) Platform. Using this application, operations commanders can interrogate the LRIT terminal onboard a vessel for a current position report, or remotely configure the terminal to a different reporting rate. Furthermore, the on-board commander can have full situational awareness of their other vessels including imported data stream of AIS tracks.

Emergency Alert

When the Emergency Alert button is pressed on the remote device, a visual and audible alarm will appear on the SCC Platform in less than a minute. At the same time, alerts will automatically be forwarded to nominated recipients by SMS and e-mail anywhere in the world.
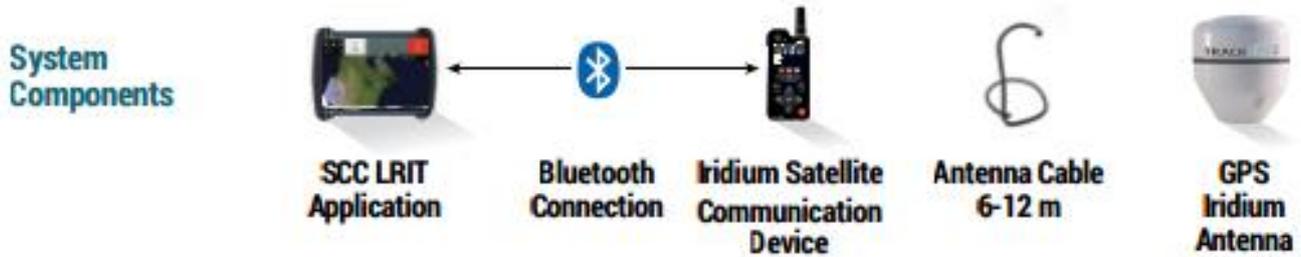
Messaging

Three-way chat messaging is available from the SCC application using the Iridium satellite as the communications bearer. This application can be installed on a ship computer or small portable table PC using the in-built Bluetooth connection to connect to the satellite bearer. Messaging is available from a ship to HQ Platform, ship to ship or ship to an asset group containing a predefined group of assets; this actually includes maritime, air and land vehicles

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Navigation

The SCC LRIT application provides full mapping capability that allows the client to load their own maps of all formats to enable the situational awareness of real time locations, speed and heading of other ships. the solution can be integrated into onboard Raymarine terminals, using existing AIS applications. The data from the Automatic Identification System which continues to be the primary method of collision avoidance for water transport can also be integrated into the application therefore providing information overlays of commercial GPS positional data and customer specific graphical user information.

System Components

SCC LRIT Application — Bluetooth Connection — Iridium Satellite Communication Device — Antenna Cable 6-12 m — GPS Iridium Antenna

SCC LRIT is a global tracking and emergency alert system designed to improve the management of risk in remote And high-risk Maritime enviroments.Featuring emergency alert, chat text and messaging functions, the device is satellite based and can operate anywhere in the world, independently of local infrastructure.

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