The Sealite Advantage

- Monitor lantern status using any cell phone

- Real time information from anywhere in the world

- GSM network- universal standard for mobile communication

- Improved marine safety

- GSM system uses encryption to make messages more secure

- Low cost interrogation - just the cost of a standard SMS

Sealite's cost effective GSM (Global System for Mobile Communications) system provides users with the ability to efficiently monitor the status of their AtoN via real-time data, from anywhere in the world.

This advanced GSM monitoring system is available with any of the SL125 products and works via the international standard, fully digital GSM network - the same network utilised by millions of cell phone users worldwide when making mobile phone calls, and sending SMS and MMS messages.

The system requires no base station to be present, and maintenance officers can simply store the designated beacon phone number in their own cell-phone.

The user simply sends an SMS message to the installed lantern, and then receives an automatic SMS reply detailing the lanterns various operational conditions.

In addition to providing vital AtoN status information, Sealite's GSM monitoring system also sends alarm SMS messages to the user if a problem has been detected. Such problems may include low battery status, or if the lantern moves 'off station' (outside a designated area).
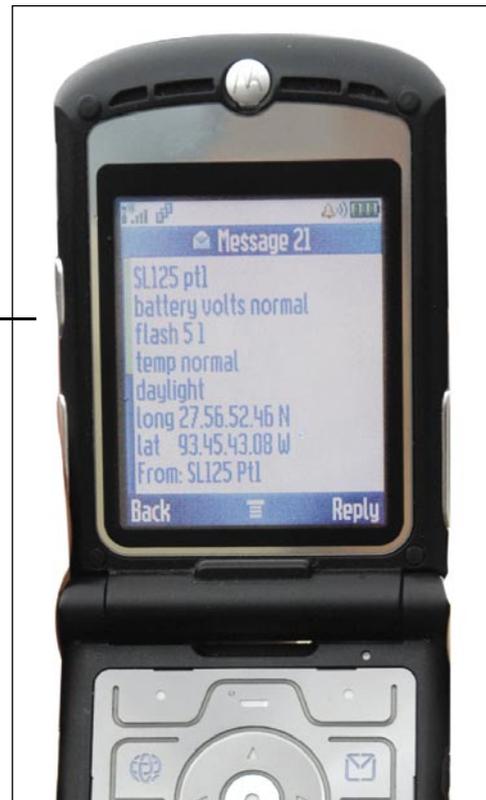
The lantern can be set to send report messages to designated phone numbers remotely, and can even send simultaneous messages to several cell phones or cycle through a phone book if any are unavailable.

Monitor;

- AtoN name
- Battery voltage
- PCB Temperature
- Latitude
- Longitude
- Flash character

Preset Alarms for;

- Low battery voltage
- 'Off-station' (available if GPS fitted)

Using the cell phone, the operator can set or change 'off-station' coordinates even once the AtoN is deployed.

If the AtoN moves off-station, the operator can continue to track the location of the unit for safe recovery (providing the system remains in or returns to an area with GSM coverage).

Each lantern is fitted with it's own SIM card, which provides a designated number for each individual AtoN.

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