

ECI Iridium Maritime Solution

ECI; The Iridium Maritime solution

The maritime Iridium satellite telephone from ECI is specially designed for use at sea, being water and salt resistant. The ECI can handle both voice and data (up to 10 kbps) from anywhere in the world.

The ECI Iridium satellite telephone system consists of 3 hardware units.

- The antenna

Which is in touch with 3 Iridium satellites at all times.

- The robust transceiver
- The intelligent handset.

The antenna

The antenna has no moving parts and is very sturdy – in spite of its lightweight design. The helix construction is coated with glass enforced epoxy, which makes the antenna water resistant and able to withstand extreme conditions

The transceiver

The smart, robust transceiver features an efficient L-band transceiver (LTB) with a built-in SIM card reader.

The Intelligent handset

The intelligent handset offers loud and clear communications – even in noisy surroundings. The handset's versatile keypad and its 4-line/12-character LCD-display form an intelligent man-machine-interface that provides user friendly control and monitoring of the system's special features as well as its standard mobile functions. The sturdy display presents a logical menu structure and feedback on commands entered via the robust keypad.

Up to 4 intelligent handsets can be connected, making the system very flexible.

Both pre paid and postpaid services:

You can choose between two Iridium services. The Iridium post paid service or the Iridium pre paid service.

PABX/PSTN Interface

The ECI has a built-in RJ-11 port that works as an interface for PABX or a standard analogue telephone. When connected to the PABX set-up, all the standard telephones in the network can use the Iridium system to make and receive calls

Features

Call facilities

- Easy to use – works like a mobile phone
- Crew calling facilities
- Conference calls
- Repeat call function
- Phonebook with up to 100 entries
- Call log

Installation

- Up to 4 intelligent handsets in any one system
- Direct connection for PABX or standard telephones
- Easily accessed SIM card reader
- Easy to install in a minimum of space
- Data CD include

Design

- Specially designed and developed for demanding environments
- Vibration resistant
- Built in loudspeaker
- Low power consumption (25W in transmission mode / 8W in standby mode)
- Small, lightweight antenna with no moving parts

