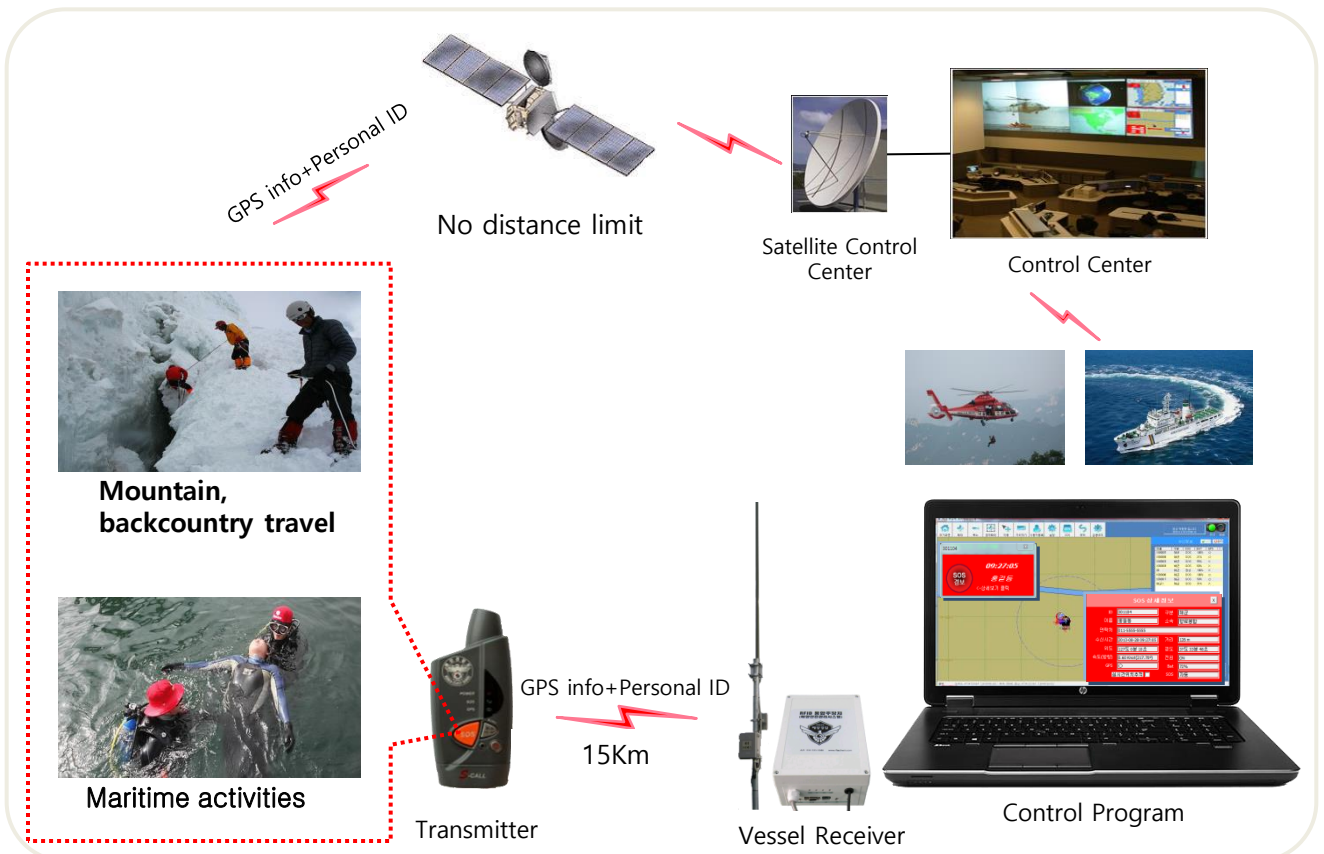# Personal Location RFID

Personal Location RFID

Overview

RFID is a device for indentifying victim's location in the sea/mountain/backcountry. When It send SOS attached body or life vest, and the SOS can be received directly by rescue helicopter, vessel. and the SOS information can be received through Satellite. The device identifies victim's information such as location and ID.

Features

- Victim's ID/Location send by automatic(water detection sensor) or manual mode (SOS button)
- Transmitter can be operated in carrying state or life vest integrated type
- SOS can be received within 15Km via 900MHz signal and can be received via satellites to anywhere in the world without distance limit
- Victim's information will be displayed Navy and Coast Guard ship's electronic chart display system, or Control System of the rescue organization

Configuration and Applications

GPS info+Personal ID

No distance limit

Satellite Control Center

Control Center

Mountain, backcountry travel

Maritime activities

Transmitter

GPS info+Personal ID

15Km

Vessel Receiver

Control Program

Personal Location RFID

Specifications & Function

▪ **Transmitter**
- Frequency : 900MHz Band / Satellite Band
- Antenna : Omni-directional Helical Antenna
- Battery : 3.7V /1000mA, Lithium Polymer
- Communication Range about 15km
- 7 hours continuous use
- Number of ID : over 20,000
- Size : 47 x 100 x 25 mm
- Weight : 70g
- Water proof : IP68
- Send SOS (ID, GPS)
- Sealed structure having buoyancy
- Battery, Charging Alarm function
- Visual display of SOS send and Operating state
- Battery Charger and preventing departure hook

▪ **Receiver**
- Frequency : 900MHz Band
- Antenna: GP Antenna over 6dBi
- Power : AC220V (or DC 12V)
- Size: 180 x 255 x 90 mm
- Weight : 1.8Kg
- Satellite Control Center Interface : TCP/IP
- Control Center Interface : RS-232
- GPS Location, Data Rx function
- Status display function
  (Power, GPS Rx, Radio comm.)
- PC Interface : RS-232
- Interwork with ECDIS
- RF cable, Data Cable, GPS mouse

▪ **Control Program**
- Operation in the Tablet PC, Notebook, Desk-top with Windows 7

Supplied Contents

RFTx/Rx Antenna
Power/Battery state(Green)
SOS button
Cancel/Power-Off button
Power-On Button

< Transmitter >

SOS Alarm
Detail Alarm
Click Detail State
Rx SOS

< Receiver >   < Control Program >

WooriByul

■ **Address : 89, Hwanggeum 1-ro, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea**
■ **TEL : +82-31-980-7500 / FAX : +82-31-985-6222**
■ **http://www.wooribyul.co.kr**