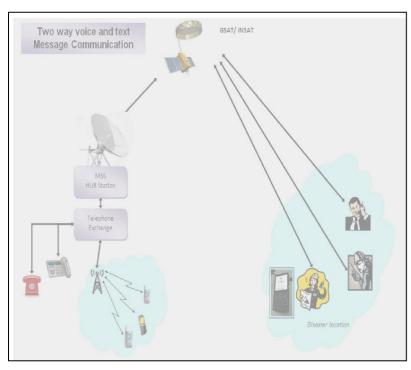
# Mobile Satellite Services Terminal

# Satellite Mobile Radio (Handheld Terminal for Two-Way Voice and Text Message Comm.)

#### **Features**

- Support voice communication between terminal and any other telecom network PSTN & Mobile network
- Small message communication between terminals
- Handheld with Size:155 x 200 x 80 mm
- Weight: 1.25 Kg



### **Specifications**

- Antenna with 2.5 dBi gain over ±45 deg
- Terminal EIRP: 0.5 dBW at 1 W power amplifier
- Terminal G/T: -23.0 dB/0K
- Voice compression at 2.4 Kbps gives voice quality better than 3.5 MOS
- Transmission rate: 2.7 Kbps
- Convolution Rate
  ½ forward error
  correction
- BPSK/QPSK Modulation
- Band width required:3.7 KHz
- Channel spacing:10.0 KHz



## **Major Applications**

- Voice communication
  - · Terminal to Terminal
  - Terminal to PSTN/Mobile Network
  - PSTN/Mobile Network to Terminal
- Small Text Message
  Communication

