MOBILE SATELLITE SERVICES TERMINAL

REPORTING TERMINAL

(Handheld Data Reporting Terminal)

Major Applications

- Terminal to Hub Location
- Reporting
- Data collection platforms
- Short Message Services
- Asset Tracking Services

Salient Features

- Support 1.2 Kbps data rate from terminal to HUB
- Small message reporting
- In-built GPS to provide position
- RS232/USB/Bluetooth user data interface
- Low Power & Weight
- Handheld size: 220 x 88 x 40 mm
- Weight: 450 gm (with battery) 160 gm (without keypad & display)

Specifications

- Single patch antenna having 2.5 dBi gain over ±45 deg
- Terminal EIRP: -1 dBW at 0.5W power amplifier
- Burst mode transmission rate 1.2 Kbps (Terminal to HUB)
- 1 sec. time slot to accommodate large no of terminal in single carrier
- Rate ½ forward error correction
- BPSK Modulation
- Band width required 3.2 KHz

Technology Transfer

SAC/ISRO offers to transfer this technology of the **Mobile Satellite Services Terminal - Reporting Terminal** developed by SAC to industries in India with adequate experience and facilities. Enterprises interested in obtaining knowhow may register and submit their proposal to IN-SPACe, Ahmedabad at www.inspace.gov.in

SAC Technologies