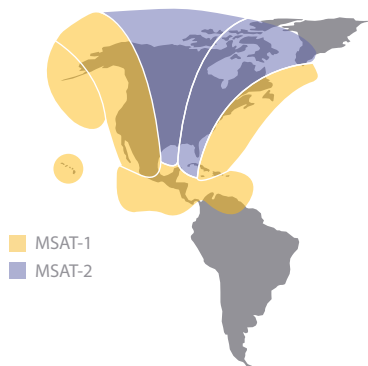




Connect & Deliver.

Broadpoint provides highly reliable satellite and cellular communications, including versatile L-Band systems for onshore and offshore applications. Some of the largest and most progressive companies in the world depend on Broadpoint's technology and expertise for far-reaching and critical communications capabilities. All services are backed by a world-class technical support and engineering team. Since 1976, Broadpoint has earned a reputation for delivering outstanding technology supported by highly trained professional service technicians. No communications company is working harder to help its customers stay connected and productive onshore and offshore.



■ MSAT-1
■ MSAT-2

Broadpoint L-Band.

Satellite Radio Telephones (SRT)

Mobile Satellite Ventures (MSV) introduces the MSAT-G2 Mobile Satellite Radio, a powerful new communications tool that works where you do. Commonly referred to as L-Band, this solution can be used as your primary communications tool, for emergency use, or as a backup for VSAT.



The L-band service in both day-to-day as well as emergency situations can improve safety, effectiveness and efficiency of your fleet operations. It accomplishes this by providing Circuit Switched Voice, Push-to-Talk dispatch radio, Dial-In/Dial-Out dispatch and GPS fleet tracking services.

The service can be used with analog and portable cordless telephones. Increased mobility can be achieved with remote interfaces allowing greater separation of handset and transceiver than the traditional handset.

- Ideal for mobility requirement
- Mountable on vehicle, magnetic application available
- Ideal for platforms and semi-submersibles with slow pitch-and-roll
- Marine - 3 axis antenna
- Land - 2 axis antenna
- 16 channel GPS receiver (inside L-band Antenna)
- GPS display feature

For more information about our products and services, please call 1.800.458.8301 or visit www.broadpointinc.com



Broadpoint L-Band.



L-Band Unit (Pelican Case)



3 Axis (Marine)



2 Axis (Land)

Custom designed for use on the MSAT Network, the MSAT-G2 supports continent-wide Push-to-Talk (PTT) dispatch radio and Circuit Switched Voice communications. In addition, the MSAT-G2 provides GPS capability and flexible interconnectivity to a variety of 3rd party interoperability interfaces, extending the reach of traditional Land Mobile Radio technology.

Network specifications

Communication modes	Dispatch Radio half-duplex digital Voice full-duplex digital
Frequencies	Transmit = 1626.5-1660.5 MHz Receive = 1525.0-1559.0 MHz
Channel spacing	6 KHz

Hardware specifications

Weight	HUGHES 2100 Transceiver Unit = 0.8 lbs DT-200 Handset = 0.6 lbs SPAC-AS-MSV220 Land Mobile Antenna = 4.6 lbs SPAC-AS-MSV320 Maritime Antenna = 10.3 lbs
Dimensions	HUGHES 2100 TU = (W) 6.5" x (H) 1.1" x (D) 5.6" DT-200 Handset = (W) 2.9" x (H) 1.4" x (D) 6.8" SPAC-AS-MSV220 Land Mobile Antenna = (Diameter) 9.8" x (Height) 3.9" SPAC-AS-MSV320 Maritime Antenna = (Diameter) 11" x (Height) 11"
Humidity	98% at 100.4°F (38°C)
Operating temperature	Antenna = -22°F(-30°C) to +109°F(+43°C) TU = -22°F(-30°C) to +131°F(+55°C)
Dust	In Accordance with SAE J1455 section 4.7
Rain	Antenna = Precipitation rate of 2" /hour
Power	Primary Voltage = 12V DC Nominal