



Globalstar GSP-2900 Fixed Phone **Install Guide Supplement** **Installation in Maritime/Extreme**

This document is intended as a guide for the installation of the GSP-2900 Fixed Phones with remote antennas for marine or other extreme environment use.

The following points outline areas where extra attention is necessary to prevent damage to the Globalstar Satellite Phone components.

- ❑ Install the RAU inside the cabin or other area of the vessel that is protected from moisture and salt water.
- ❑ Install adhesive lined heat shrink tubing to all RF connections. This prevents loosening of the connection due to mechanical vibration and moisture intrusion into the connector.
- ❑ The Low Profile Antenna (GSP-1620) has a painted aluminum base that requires the application of a corrosion preventative product such as LPS-3 to ensure long life in a salt-water environment. There are many corrosion preventative substances available for this purpose.
- ❑ Mount the Low Profile (GSP-1620) antenna so that it has a 360-degree view of the sky from 10 degrees above the horizon. For best results, the antenna should be mounted at the highest point on the vessel. Shadowing of the Globalstar antenna by any object can impair performance.
- ❑ Mount the stick antenna using the same criteria as the Low Profile antenna, but ensure that the stick antenna cannot be contacted by objects that may cause damage to it.

