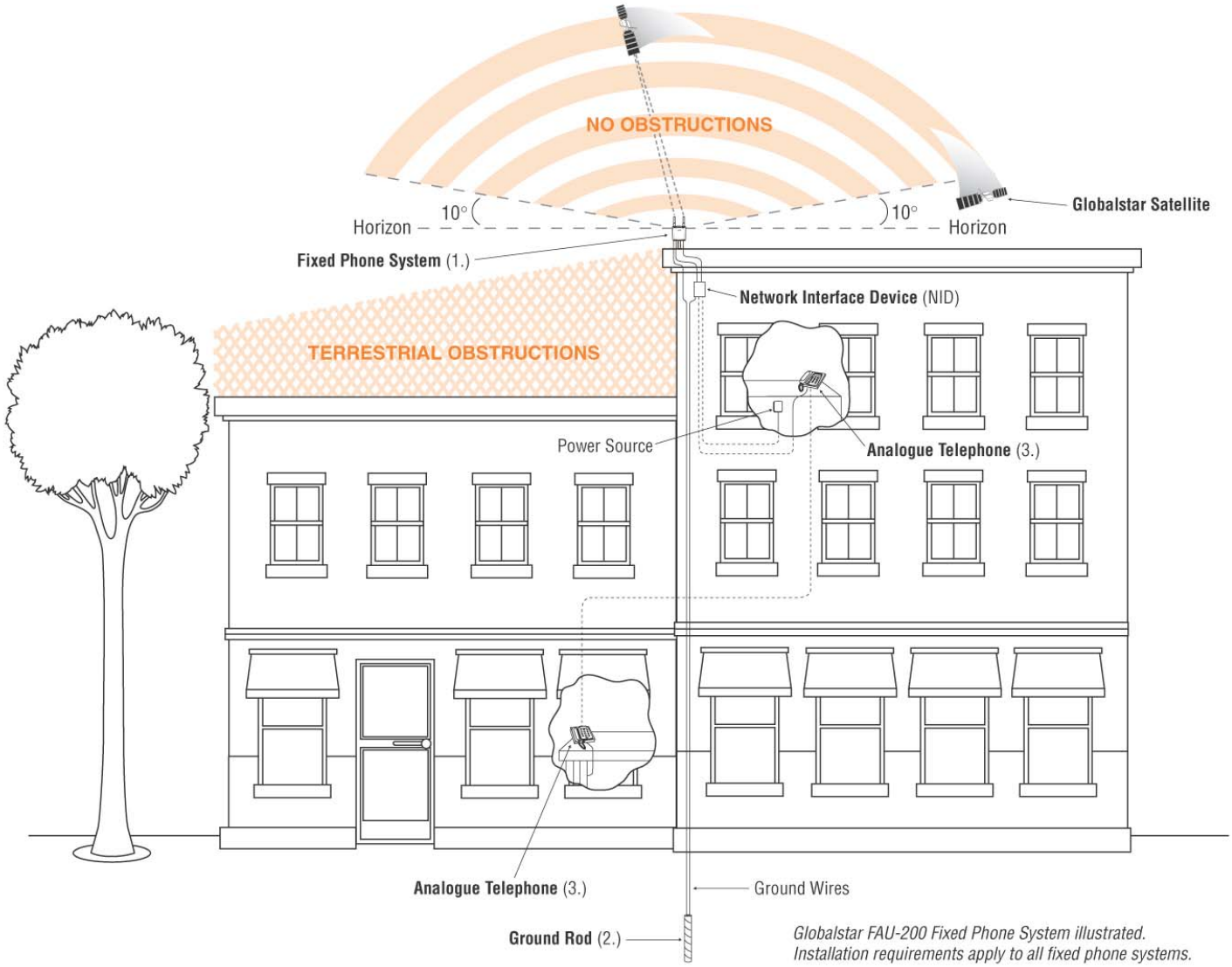
Installation Guide Supplement for Globalstar's Terrestrial Phone Systems



Globalstar FAU-200 Fixed Phone System illustrated. Installation requirements apply to all fixed phone systems.

CRITICAL INSTALLATION REQUIREMENTS

This document highlights the specific installation requirements necessary to prevent damage to critical phone components, and maintain product warrantees. Implementing these specific recommendations will ensure that Globalstar's GSP-2900M and FAU-200 fixed phone systems deliver clear and reliable satellite communications for all terrestrial applications.

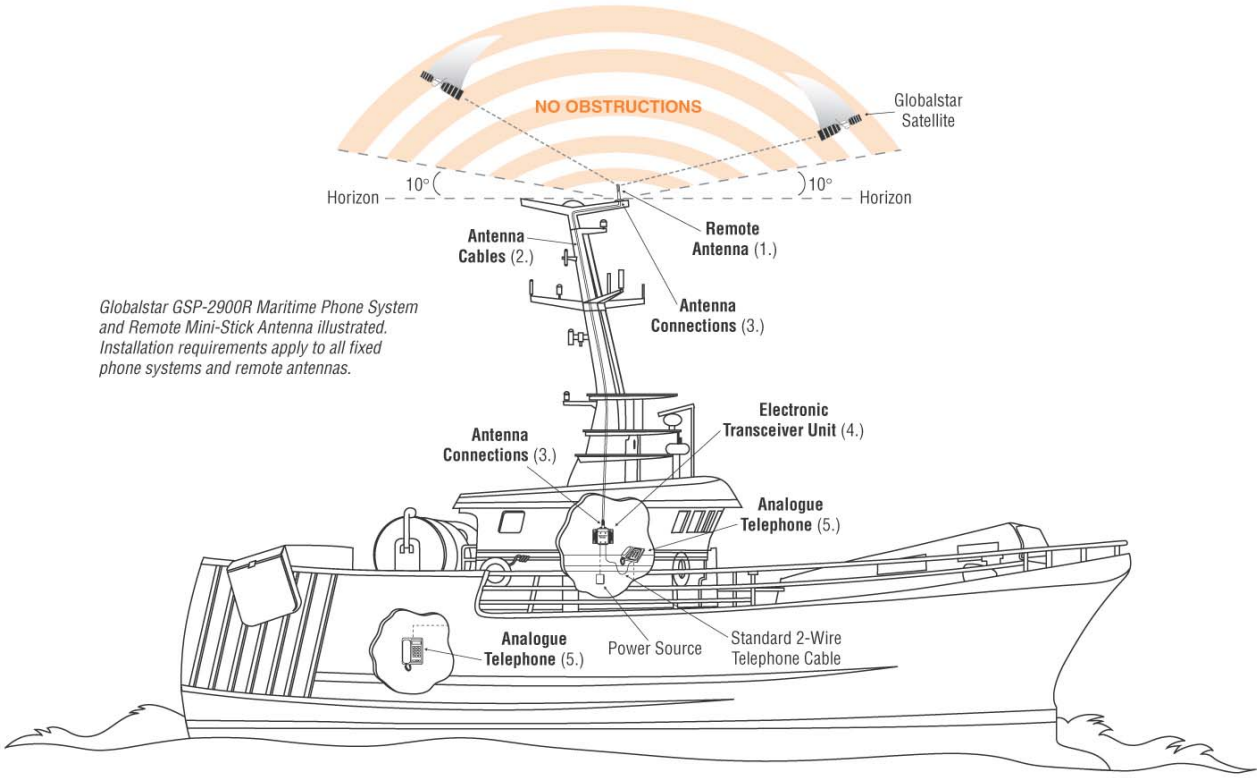
TERRESTRIAL OBSTRUCTIONS
Satellite phone signals do not bend, therefore, the phone system will not work if an obstruction exists in the path from the antenna to the Globalstar satellite. Ensure that antennas are never blocked by buildings, chimneys, trees, or power poles. As long as the antenna is at least 3m (10 ft.) away from power lines, or television antennas, there should not be a negative impact to service with these obstructions. Particular attention must be paid to these points in northern latitudes (greater than 52°N) where satellite coverage is reduced, as there is an increased likelihood of dropped calls or periodic service interruptions caused by obstructions.

Fixed Phone System (1.)
Install the GSP-2900M or FAU-200 unit in a high, unobstructed location where the antenna is in full view of the entire sky down to 10° above the horizon. The units are weatherproof, but for harsh or corrosive environments it is preferable to use a phone system with a remote antenna (see other side), so that the electronic transceiver unit can be sheltered indoors. Mounting pole is not included in the phone kits.

Ground Rod (2.)
Grounding is vital and must be done correctly in order to protect the entire phone system and the people who use it. Ground wires and rods are not included in the phone kits. Ensure that the ground rod is installed properly per local electrical codes.

Analogue Telephones (3.)
Customers can use this phone system with standard telephone equipment, including touch-tone and cordless phones, and answering machines. The system can support up to 244m (800 ft.) of telephone cable, and multiple telephone sets connected at one time. Check individual phones for specific load numbers, and be certain not to exceed the maximum ringer equivalency number for the selected phone system (GSP-2900R=REN 5, FAU-200=REN 3).

Installation Guide Supplement for Globalstar's Maritime Phone Systems



CRITICAL INSTALLATION REQUIREMENTS

This document highlights the specific installation requirements necessary to prevent damage to critical phone components, and maintain product warrantees. Implementing these specific recommendations will ensure that Globalstar's GSP-2900R and FAU-200 fixed phone systems deliver clear and reliable satellite communications for all maritime applications.

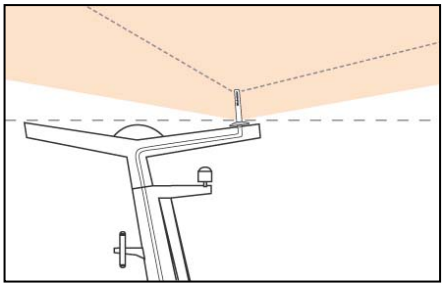
Remote Antenna (1.)
The remote antenna must be installed in the highest, least obstructed location on the vessel (ideally at the very top of the mast), where the antenna is in full view of the sky down to 10° above the horizon. Satellite phone signals do not bend or pass through obstructions. Therefore, the phone system will not work if something gets between the satellite and the antenna. Particular attention must be paid to this point in northern latitudes (greater than 52°N) where satellite coverage is reduced, as there is an increased likelihood of dropped calls or periodic service interruptions caused by obstructions.

Antenna Cables (2.)
Cable strain relief is required to prevent damage to the RF cables. Tie-wraps, cable clamps, and watertight bushings can be used to properly secure the cabling. Cable strain relief parts are not included in the phone kits.

Antenna Connections (3.)
Seal or enclose all RF connections with adhesive-lined heat shrink tubing. This will prevent signal deterioration and corrosion due to mechanical vibration and moisture intrusion. Heat shrink tubing is not included in the phone kits. Tape, rubber boots, and other waterproofing materials are not effective methods for protecting antenna connections.

Electronic Transceiver Unit (4.)
Install the GSP-2900R or FAU-200 unit in a dry or protected location to avoid salt-water damage, and extreme weather exposure.

Analogue Telephones (5.)
Customers can use these fixed phone systems with standard telephone equipment, including touch-tone and cordless phones, and answering machines. They can support up to 244m (800 ft.) of telephone cable, and multiple telephone sets connected at one time. Check individual phones for specific load numbers, and be certain not to exceed the maximum ringer equivalency number for the selected phone system (GSP-2900R=REN 5, FAU-200=REN 3).



Remote Antenna Placement (1.)

Cable Strain Relief Methods (2.)

Heat Shrink Sealed Connections* (3.)

**Image shows un-shrunk, heat shrink tubing*