Personal Satellite Network, Inc.

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Globalstar Position Information

MPD or Mobile Position Determination is technology used by the Globalstar System to determine the geographic position of a user terminal (UT). In layman's terms MPD uses time, angle and distance information from the satellite signals, combined with an algorithm to determine geographic position in latitude and longitude (DMS). There are many variables that will affect the accuracy of MPD. Some of these are; number of satellites serving the call, distance to the user from the satellites and position of the satellite(s) in the sky.

It should be understood that MPD does not posses the inherent accuracy of the GPS (Global Positioning System). Most modern GPS receivers track 12 satellites at one time and derive very accurate position location. Since the Globalstar user terminal is capable of tracking a maximum of 3 satellites and any given time, the accuracy of MPD is considerably less than GPS.

Position location data is a user menu feature on all Globalstar GSP-1600 user terminals.

Software version 5.1.2.2 and higher is required for this feature to be available. You must have this version of higher or this feature is not available. Contact PSN to see about upgrade the software in your GSP-1600 if necessary.

Simply press "MENU" "8" "3" to view the software revision in your UT.

If you have a UT that is position location capable, simply press "MENU" "4", "3" to view the latitude, longitude information. Please note that **you must have a call in process for this location information to be updated.** To get up to the moment position information, you must press "UPDATE". Pressing the "DOWN ARROW" or "#" key will enable the user to view the MPD error as well as the time and date the location information was obtained.