Supplement to Survey Control V. 2

This supplement describes Version 2.1 changes to the Survey Control Version 2 manual; the supplement is applicable if your receiver is equipped to receive GLONASS satellite transmissions.

Satellite Selection Screen (SSEL)

The satellite selection screen, Figure 1, lets you select/deselect satellites used in position computaion. You can switch between GPS and GLONASS satellites by using the **GLON/GPS** hot key.

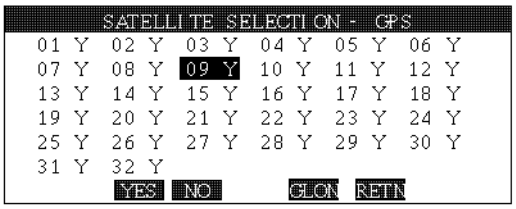

Figure 1. Satellite Selection Screen

YES

F1selects the highlighted satellite. Selection is made using arrow keys.

NO

F2 deselects the highlighted satellite. Selection is made using arrow keys.

GLON/GPS

F3 switches between GPS and GLONASS. This hot key is available only if the receiver supports GLONASS satellites.

RETN

F4 recalls the previous screen.

Satellite Constellation Screen (SATS)

The satellite constellation screen, Figure 2, lets you monitor the satellite constellation. In this case you can switch between the GPS and GLONASS satellite constellations by using the **GLON/GPS** hot key.

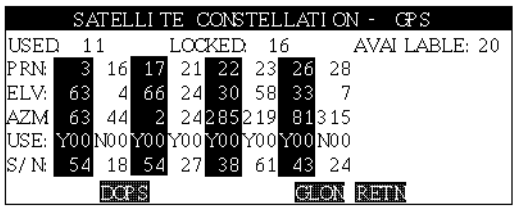

Figure 2. Satellite Constellation Screen

USED

Indicates total number of satellites used in position computation.

LOCKED

Indicates total number of satellites locked.

AVAILABLE

Indicates number of satellites available. If your receiver has the GLONASS option, this number is the sum of available GPS and GLONASS satellites.

PRN

Shows the PRN number of each satellite locked. GPS satellites have PRN numbers 1 to 32, GLONASS satellites are numbeed 33 to 56.

ELV

Indicates elevation angle of each satellite.

AZM

Indicates azimuth of each satellite.

USE

Y/N indicates that the satellite is used/not used in position computation. This is followed by satellite health code.

S/N

Indicates signal-to-noise ratio for each satellite.

DOPS

F1 changes the screen to the DOPS screen.

GLON/GPS

F3 toggles between GPS and GLONASS. This hot key is available only if your receiver supports GLONASS satellites.

RETN

F4 recalls the previosu screens.