


GNSS Quality and Precision Thresholds

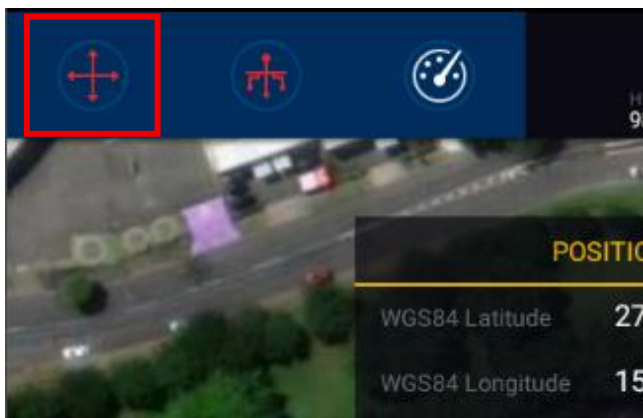
GuidEx supports multiple GNSS correction methods to improve location accuracy, automatically detecting the survey mode utilised by the BX992 receiver.

Precision thresholds can be defined in the machine config xml file, and within the GuidEx application itself.

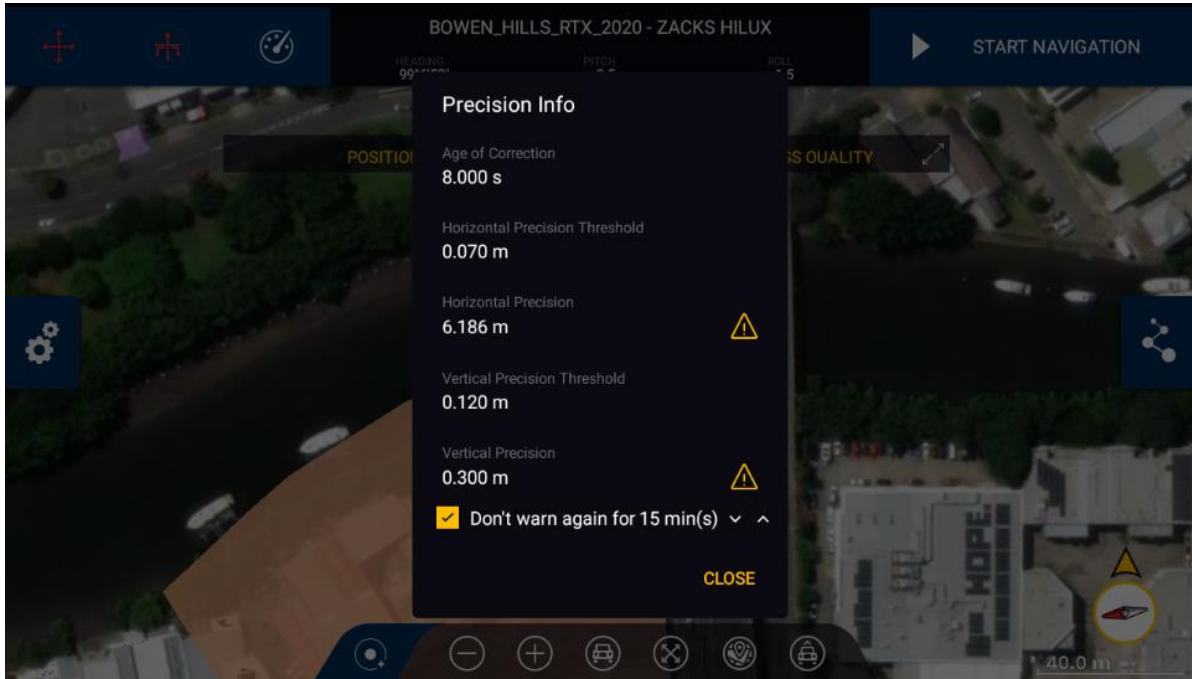
Widgets showing the position data and GNSS Quality are available to the user by clicking on the  icon and checking the box for the desired widget.



In the event of GNSS horizontal and/or vertical precisions exceeding the predefined values, the Precision Information icon shown below will change from green to red.



As well as changing from green to red, the Precision Information dialogue will display, along with an audible tone, advising the operator that GNSS accuracy has diminished.



This dialogue will trigger an event in the GuidEx log files, and can be dismissed by the operator by checking the “Don’t Warn” box at the bottom of the dialogue. This can be useful when operating the machine in areas with known poor GNSS signal, such as under thick tree canopy or against highwalls when high location accuracy requirements aren’t required.

Precision thresholds can be configured within the GuidEx application by accessing the GNSS Setup menu from the left drawer and adjusting as required.

