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Value	Rating	Description
< 1	Ideal	Highest possible confidence level to be used for applications demanding the highest possible precision at all times.
1-2	Excellent	At this confidence level, positional measurements are considered accurate enough to meet all but the most sensitive applications.
2-5	Good	Represents a level that marks the minimum appropriate for making business decisions. Positional measurements could be used to make reliable in-route navigation suggestions to the user.
5-10	Moderate	Positional measurements could be used for calculations, but the fix quality could still be improved. A more open view of the sky is recommended.
10-20	Fair	Represents a low confidence level. Positional measurements should be discarded or used only to indicate a very rough estimate of the current location.
>20	Poor	At this level, measurements are inaccurate by as much as 300 meters with a 6-meter accurate device (50 DOP × 6 meters) and should be discarded.































An outline of the process Use the pilot book / almanac to obtain passage information. (We will cover passage planning later in the course.) Zoom out until you can see both starting and finishing points. Put in waypoints for an initial route on the zoomed out chart. Go back to starting point and zoom in to show detail and adjust position of this if necessary. Follow along the route, checking for hazards, add, delete or move waypoints as necessary. As part of this process check that arrival at the waypoint can be confirmed by non-gps method.

















MOB GPS v AIS

GPS

- Triggered from onboard vessel.
- Sets a waypoint at the position of the vessel when the alarm is triggered.
- Does not allow for tide / current or windage.
- Only visible onboard one vessel.



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AIS

- Normally attached to the MOB and triggered by them.
- Transmits actual position of the person in the water.
- Position updated as the casualty drifts with tide / current or windage.
- Visible to all vessels in AIS range.



MOB GPS v AIS **GPS** AIS • Triggered from onboard vessel. • Normally attached to the MOB and triggered by them. Sets a waypoint at the position of the vessel when the alarm is Transmits actual position of the person in the water. triggered. • Does not allow for tide / current • Position updated as the casualty drifts with tide / current or or windage. windage. • Only visible onboard one vessel. • Visible to all vessels in AIS range. RYA Training Centre

