

GNSS/GPS Receiver Checklist

- **Before you leave staging:**
 - Check Batteries
 - Check that the batteries in the GPS have adequate charge.
 - Check that you have spare batteries for the GPS.
 - Find out the Datum and Coordinate system in use for this incident.
 - Standard values are:
 - Map Datum: **WGS84**
 - Position Format: **US National Grid (USNG)**
 - Set your GPS to the appropriate Datum and Coordinate System.
 - Set your GPS to report bearings relative to True North or Magnetic North as appropriate.
- **When you arrive at a dropoff/pickup point for your assignment:**
 - Make sure your GPS has an accurate position.
 - Lock on 4 or more satellites.
 - 3D positioning.
 - Horizontal position accurate to within about 15 meters or better.
 - **Save the current location as a waypoint.** Name the Waypoint (e.g. Team 4 drop off)
 - **Write down the coordinate of the current location.**
 - **Save the current track.**
 - **Clear the current track.**
 - Calibrate the GPS compass.
 - Confirm that your GPS is recording the track.
- **When you begin your assignment:**
 - Save the current location as a waypoint.
- **When you locate something during your assignment:**
 - Save the current location as a waypoint.
 - Write down the location and the name/number of the waypoint.
- **When you complete your assignment:**
 - **Save the current track with a clear name.**

US National Grid: Describing a 10 meter square

Communicating position locally: **99250895**

(Easting is **9925**, Northing is **0895**. Read as: **99250895**)

Communicating position Regionally: BH 99250895

Communicating position Globally: 19T BH 99250895

Entering into GPS: You need the full coordinate: 19T BH 9925008950

Enter to 1 meter resolution (5 digit easting and 5 digit northing).

(Add in zero for 1 meter resolution in Easting, and zero for 1 meter resolution in Northing).