Checklist for GPS Operating Procedures

Project Name: ___________________________________________
Project Location: _________________________________________
Point of contact: __________________________________________
Reviewer’s Name and Title: _________________________________
Date of Review: __________________________________________

<table>
<thead>
<tr>
<th>GPS</th>
<th>Diff</th>
<th>RTK</th>
</tr>
</thead>
<tbody>
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a. What GPS system is being used? (i.e. Differential or RTK)  ____  ____  ____
b. What is its reported accuracy? __________________________________________
c. What is the source of the positioning corrections? _____________________________
   (i.e. WAAS, EGNOS, MSAS, GLONASS, GALILEO, OmniStar)

   Y   N   N/A

d. What NMEA fields are being recorded?

<table>
<thead>
<tr>
<th>Time</th>
<th>Latitude</th>
<th>Fix quality</th>
<th>HDOP</th>
<th>Height of Geode above WGS84 ellipsoid</th>
<th>Speed over ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Longitude</td>
<td>Number of Satellites</td>
<td>Altitude</td>
<td>DGPS reference station ID</td>
<td></td>
</tr>
</tbody>
</table>


e. Are the Lat/ Long coordinates being transformed on acquisition?  ____  ____  ____
   • If so to what? __________________________________________

f. Has position accuracy and precision been assessed?
   (inc. stationary test and heading test)  ____  ____  ____
   • What is the accuracy?  ±__________m
   • What is the precision?  ±__________m

g. Has a precision threshold been set? Will the operator be notified if the precision falls below the threshold?  ____  ____  ____
   • What is the precision threshold?  ±__________m

h. Were battery levels checked and recorded?  ____  ____