

Checklist for GPS Operating Procedures

Project Name: _____

Project Location: _____

Point of contact: _____

Reviewer's Name and Title: _____

Date of Review: _____

GPS Diff RTK

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?

Time		Latitude		Fix quality		HDOP		Height of Geode above WGS84 ellipsoid		Speed over ground	
Date		Longitude		Number of Satellites		Altitude		DGPS reference station ID			

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?

Accessed from <http://www.geomatrix.co.uk/tools.php>

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