



Fugro EarthData's Accuracy Assessment Form (QC Master)

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Coordinate System, Horizontal Datum, UTM Zone or SPC State name, QC Points Source, For Elevation purposes, Vertical Accuracy Value, Supported Height RMSE According to Map Scale

Main data table with columns: Block ID, Point ID, Block/Model/Sheet ID, UTM zone 14 N Easting (E), Northing (N), Elevation (M), QA/QC Points as surveyed in the Field, Residual error = Measured coordinates - surveyed coordinates, Normalized error = Residuals - bias, Comments

LEGENDS: Orange Point ID -> > 2 \* RMSE, RED AE, AN, AH -> > 85% of NSSDA
Accuracy Computations (before bias removal): GSD = 0.7 m, Supported Height RMSE according to map scale = 6.00

ASPRS table with columns: Horizontal RMSE (E), Horizontal RMSE (N), Circular RMSE, Vertical RMSE, Max. Allowable RMSE in N, Max. Allowable circular RMSE, Max. Allowable RMSE in Height

NSSDA table with columns: Horizontal tested at 95%, Vertical tested at 95%, Max. Allowable Horizontal Error at 95%, Max. Allowable Vertical Error at 95%

National Maps Accuracy (NMAA) table with columns: Horizontal Accuracy at 90%, Vertical Accuracy at 90%, Max. Allowable Horizontal Error at 90%, Max. Allowable Vertical Error at 90%

Normalized Accuracy Computations (after bias removal):

ASPRS table with columns: Horizontal RMSE (E), Horizontal RMSE (N), Circular RMSE, Vertical RMSE, Max. Allowable RMSE in N & E, Max. Allowable circular RMSE, Max. Allowable RMSE in Height

NSSDA table with columns: Horizontal tested at 95%, Vertical tested at 95%, Max. Allowable Horizontal Error at 95%, Max. Allowable Vertical Error at 95%

National Maps Accuracy (NMAA) table with columns: Horizontal Accuracy at 90%, Vertical Accuracy at 90%, Max. Allowable Horizontal Error at 90%, Max. Allowable Vertical Error at 90%

Summary table with columns: Number of check points, Mean (Bias), StDev, RMSE, AE (Easting), AN (Northing), AH (Elevation), Normalized error values

Bias Treatment Summary: To remove the vertical bias's effect from the elevation, To remove the horizontal bias's effect from planimetric E, To remove the horizontal bias's effect from planimetric N

Normalized RMSE after bias