

## 17\_14 Plotting a survey control sheet

### Question:

When trying to plot a survey control sheet with iplot the image comes out fuzzy. What can i do to get the image to plot out correctly?

### Answer:

The problem is your raster settings. The quality factor was probably turned down to a lower level to plot out a raster image on a hearing map. All you need to do is increase the quality factor to 100. This can be accomplished by going into iplot under options then raster and setting the quality factor to 100.

The screenshot displays the iplot software interface. At the top, a title bar reads "SURVEY CONTROL SHEET X\_XXXXXX". Below this, the main window shows a "Geoid Model Definition" section with "GEOID99 (Conn)" and a "Residual Differences Between GPS (WGS84) And Local Coordinates" section with a "Summary" table.

	Maximum error	Root Mean Square error	Point
Horizontal	383.171ft	47.262	POORS-SG
Vertical	0.127ft	0.019	AA-9-SG2
Three-dimensional	383.171ft	47.262	POORS-SG

Overlaid on the main window is the "IPlot - Main" dialog box, which is open to the "Raster Options" sub-dialog. The "Quality Factor" is set to 100. Other options include "Brightness" and "Contrast" (both set to 0), and a checkbox for "Plot raster references in grayscale" which is unchecked. The "OK" button is highlighted.

At the bottom of the main window, a status bar shows coordinates for points A, B, C, and D. Point A is at Latitude 35°14'3" and Longitude 81°50'22".