

Preliminary plots using tide correctors furnished in the project instructions resulted in crosslines and splits that disagreed with main scheme lines by 1 - 2 fathoms. During

the course of the project, by analyzing real time tides, it was determined that the predicted tides for Black Rock reasonably reflected the tidal cycle in the immediate area. Therefore, predicted tides for Black Rock, derived directly from the 1985 Tide Tables were used to plot the final field sheets. By using these tide correctors, disagreements were reduced to not more than 1 fathom in all cases.

The mainscheme lines in this survey were run with 400 meter spacing then later split to 200 meter spacing. The time delay in running the lines caused jagged contour lines, which indicates problems in the predicted tides from the Black Rock gage. It is expected that when the final tide correctors are applied during processing, the contours will be smoothed out.