

The main scheme sounding lines were extended to cross the Pt. Mackenzie Range. A crossline was also run along the Range. Although the water depths at the Range appear adequate for large shipping there is no comfort margin to the northwest of the Range. Additional sounding lines were run to the southeast of the Pt. Mackenzie Range to verify an unobstructed waterway for shipping that will be forced to transit southeast of the Range. ✓

Tidal correctors applied to the field sheets were provided by the project instructions. They were based on predicted tides from Anchorage. ✓

TIME: -30 min. on high water
-42 min. on low water ✓

HEIGHT: The ratio for range/height is 0.91

4) Check historical tides for Kenai River Entrance against published predicted tides for that area and adjust soundings if a significant difference is noted.

✓

Predicted tide information for the Kenai River entrance was used to reduce the final field sheet soundings. Approved tides from Ninilchik, Alaska using a time correction and range ratio were used to reduce soundings taken on Julian days 188 and 189. Soundings taken on Julian days 206 and 207 were reduced using approved tides from Ninilchik, Alaska applying a time correction. The final smooth soundings agree very well with the field reduced soundings, generally within 1 to 2 feet.

The final projection parameters used to prepare the smooth sheet have been revised to center the hydrography plotted on the smooth sheet at 1:5,000 scale, soundings in feet reduced to MLLW.