

TIDES

All sounding data were reduced to MLLW initially using unverified tidal data from two tide stations located in Reef Bight and Biorka Village, AK. Tidal data for a twenty-four hour period UTC, (Alaska Daylight Time to UTC was +8 hours) was assembled by JOA and emailed to the Davidson at the end of every Julian Day. A cumulative file in a CARIS format was updated each day by appending the new data. Refer to the “OPR-Q191-KR-07 Horizontal & Vertical Control Report” for additional tidal information and station descriptions.

January 10, 2008, JOA issued verified tidal data and final zoning for OPR-Q191-KR-07. The tidal zoning was modified by JOA, providing a more elaborate zoning scheme from those zones issued in the Statement of Work. For additional information, refer to JOA’s Final Report. All sounding data were then re-merged using CARIS HIPS and SIPS tide routine. Verified tidal data were used for all final Navigation BASE surfaces and S57 Feature files.