

Vertical Control

All soundings were reduced to MLLW initially using unverified tidal data from the Wooded Island gauge. The gauge was operated and maintained by the sub-contractor, LCMF.

Table 2 Tide Gauges

Gauge	Model	Gauge Type	Location	Latitude	Longitude	Operational
9454562	H350/355	Digital Bubbler	Wooded Is.	59°52'30"N	147°24'09" W	07/30/03–10/08/03
9454329	H350/355	Digital Bubbler	Hinchinbrook	60°14'18"N	146°38'54" W	06/10/03–06/12/03

On November 17, 2003, LCMF issued verified tidal data and final zoning for OPR-P356-KR-03. The tidal zoning was modified by LCMF, providing only fine adjustments from those issued in the Statement of Work. On November 17, 2003 all sounding data were re-merged using CARIS HIPS tide routine. Verified tidal data was used for the Preliminary Smooth Sheet. Refer to the Vertical and Horizontal Control Report for additional tidal information and station descriptions.

Appendix D - Tides and Water Levels

Abstract of Times of Hydrography For Smooth Tides

Project Number: OPR-P356-KR-03

Registry Number: H11201

Contractor Name: Fugro Pelagos, Inc.

Date: January 16, 2004

Sheet Letter: B

Inclusive Dates: August 11, 2003 to September 15, 2003

Fieldwork is complete and verified tides were applied for the production of the smooth sheet.

Refer to LCMF's final verified tides report for additional information.

Table 3 Abstract of Times of Hydrography for R/V Davidson

YEAR	DAY	START TIME (UTC)	END TIME (UTC)	COMMENTS
2003	244	12:38:21	23:56:36	
2003	245	00:00:17	23:59:59	
2003	246	00:00:00	05:02:14	
2003	247	07:39:10	23:59:59	
2003	248	00:00:00	23:59:59	
2003	249	00:00:00	17:35:36	
2003	250	00:04:01	23:59:19	
2003	251	00:02:37	23:59:59	
2003	252	00:00:00	15:18:12	
2003	257	15:47:30	23:42:34	In-fills
2003	258	04:19:44	06:47:40	In-fills