

## TIDES<sup>6</sup>

During processing, sounding were reduced to MLLW using data from 3 tide gauges. These gauges were operated by a sub-contractor, LCMF, and the data was delivered to the processing ship at the end of every Julian day.

<b>Gauge</b>	<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>
9455869	North Foreland	61.0425	150.1636
9455912	Fire Island	61.1731	150.2061
9455821	Moose Point	60.9564	150.6833
9455781	Boulder Point	60.7761	151.2450

The gauge at Pt. Possession was operational during the survey but had not been in place long enough to have a datum. Consequently, it was not used for any of the processing.

Tidal zones for this survey were defined after preliminary survey work in the fall of 1998 (SOL 52-DGNC-8-90028, Task Order #1). The zones used have generally the same shape as the NOAA preliminary zones in the survey area but form a finer mesh. The maximum time difference across any zone boundary in the new scheme was 2 minutes. The following plot shows the area around Sheet C and the tide zone layout.

## Appendix D - Tides and Water Levels

### Abstract of Times of hydrography

YEAR	DAY	START TIME (UTC)	END TIME (UTC)	COMMENTS
1999	204	12:39:48	23:59:59	Patch Test and Start Sheet C
1999	205	00:00:00	23:59:59	
1999	206	00:00:00	23:59:59	
1999	207	00:00:00	23:59:59	
1999	208	00:00:00	23:59:59	
1999	209	00:00:00	23:59:59	
1999	210	00:00:00	23:59:59	
1999	211	00:00:00	23:59:59	
1999	212	00:00:00	23:59:59	
1999	213	00:00:00	23:59:59	
1999	214	00:00:00	23:59:59	
1999	215	00:00:00	23:59:59	
1999	216	00:00:00	23:59:59	
1999	217	09:30:46	23:59:59	
1999	218	00:00:00	23:59:59	
1999	219	00:00:00	23:59:59	
1999	220	00:00:00	23:59:59	
1999	221	00:00:00	23:59:59	
1999	222	00:00:00	22:07:05	
1999	223	02:08:10	23:59:59	
1999	224	00:00:00	23:59:59	
1999	225	00:00:00	23:59:59	
1999	226	00:00:00	23:59:59	
1999	227	00:00:00	11:17:34	

All time UTC.

Please refer to the Descriptive Report for H-10892 or H-10893 for the tide note for North Foreland, Fire Island, Moose Point and Point Possession tide gauges.