G.2 (cont'd) HDAPS velocity table became available the data was reapplied correspondingly.

G.3 No need for special sounding correctors exists.

G.4 Pneumatic depth gages were not used.

G.5 Occasionally, sea conditions greater than one meter affected the fathogram, creating a trace of constant peaks and deeps. Launches are not equipped with heave, pitch and roll indicators. To compensate for this effect, the sea action was scanned out and the selected soundings were edited by survey personnel aboard MT MITCHELL.

G.6 a) The tidal datum for this project is mean lower low water. The operating tide station at Grand Isle, Louisiana (876-1724) served as reference station for predicted tides, and a tide station installed at Southwest Pass entrance light (876-0958) was established by ship’s personnel as the direct control for datum determination. Predicted tidal data for Grand Isle tides was provided on floppy magnetic disk before the start of the project.

    b) The height and time correctors listed below were provided in the Project Instruction for the Southwest Pass project area, and applied to the Grand Isle predicted tides to generate an on-line predicted tide table: 

    Approved tides were applied during office processing.

<table>
<thead>
<tr>
<th>HYDROGRAPHIC AREA</th>
<th>TIME</th>
<th>HEIGHT RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>East of 089 30.0' W and Water</td>
<td>High Water</td>
<td>1 hr 00 min</td>
</tr>
<tr>
<td>West of 089 10.0' W</td>
<td>Low Water</td>
<td>-1 hr 00 min</td>
</tr>
</tbody>
</table>

The tide tables were applied on-line and during processing of sounding data. For a more detailed overview of tidal information please refer to Appendix V. FILED WITH THE ORIGINAL FIELD RECORDS

    c) No zoning is required for this project.

H. CONTROL STATIONS See also the Evaluation Report.

H.1 The horizontal datum for this project is the North American Datum of 1983 (NAD 83).

H.2 The list of Horizontal Control Stations is located in Appendix III. * Appendix to this report

H.3 Three DGPS reference stations were used to control this survey. These are listed below. The position for the USCG Galveston beacon was provided by Hydrographic Surveys Branch on April 12, 1992 and is a Second Order Class I position. The position for the