Figure 2: Outline of fieldsheets used for product creation

<table>
<thead>
<tr>
<th>Fieldsheet</th>
<th>Surface Name</th>
<th>Resolution</th>
<th>Fieldsheet</th>
<th>Surface Name</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>H11636_A_1m</td>
<td>H11636_A_1m</td>
<td>1</td>
<td>AWOIS_Coverage</td>
<td>AWOIS_100_1m</td>
<td>1</td>
</tr>
<tr>
<td>H11636_A_MS</td>
<td>H11636_A_MS</td>
<td>1</td>
<td>H11636_A_1m</td>
<td>H11636_A_1m</td>
<td>1</td>
</tr>
<tr>
<td>H11636_B_1m</td>
<td>H11636_B_1m</td>
<td>1</td>
<td>H11636_B_1m</td>
<td>H11636_B_1m</td>
<td>1</td>
</tr>
</tbody>
</table>

Table 2: List of surfaces used for final product creation and proof of coverage

C. VERTICAL AND HORIZONTAL CONTROL  See also the Evaluation Report

VERTICAL CONTROL

The tidal datum for this project is Mean Lower Low Water (MLLW). The operating tide station at Boston, MA (8443970) was used for datum determination and all water level correctors. There was a data outage for preliminary water levels from June 28 – July 2, 2007. The outage was determined to be a telemetry problem and verified water level data for the entire project was made available on the CO-OPS web site. Zoning was provided by CO-OPS for this survey. Concur.

Tidal zoning for this survey (A902NMFS2007CORP.zdf) is consistent with the zoning provided by CO-OPS via the Project Instructions. The zones used for this survey are:

<table>
<thead>
<tr>
<th>STATION</th>
<th>CORRECTOR (min)</th>
<th>RATIO</th>
<th>REFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA190</td>
<td>+6</td>
<td>X0.96</td>
<td>844-3970</td>
</tr>
</tbody>
</table>

Table 3: Tide zone region used for this survey

A Request for Approved Tides letter was sent on July 14, 2007. Verified water levels and preliminary zoning were applied to all data. Concur. Refer to H11636 Survey Acceptance Report for information regarding final tide zoning.

HORIZONTAL CONTROL

The horizontal datum used for this survey was NAD83 projected using UTM zone 19 North. Sounding positional control was determined using the Global Positioning System (GPS) corrected by differential corrections sent to the Seapath from a Furuno GP-35 GPS. Since the Furuno GP-35 GPS was being utilized for vessel navigation, the station selection mode was set to ‘automatic’. The actual station used was monitored through out the survey and was Acushnet, MA.

Horizontal dilution of precision (HDOP) was monitored daily in SIS. That value exceeded 2.5 in the SIS software a number of times during acquisition. If the outage lasted longer than one second, acquisition was arrested for troubleshooting of the Seapath. See section B2 Quality Control for more information on problems with the attitude and positioning system. Concur.
<table>
<thead>
<tr>
<th>Year_DOY</th>
<th>Min Time</th>
<th>Max Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007_176</td>
<td>18:10:58</td>
<td>20:29:19</td>
</tr>
<tr>
<td>2007_177</td>
<td>12:07:36</td>
<td>21:28:08</td>
</tr>
<tr>
<td>2007_179</td>
<td>12:02:54</td>
<td>20:26:46</td>
</tr>
<tr>
<td>2007_183</td>
<td>14:25:40</td>
<td>20:44:34</td>
</tr>
<tr>
<td>2007_185</td>
<td>16:54:24</td>
<td>17:45:26</td>
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<tr>
<td>2007_192</td>
<td>15:49:44</td>
<td>20:36:47</td>
</tr>
<tr>
<td>2007_194</td>
<td>10:40:10</td>
<td>17:54:16</td>
</tr>
</tbody>
</table>