NOAA Hydrographic Services Review Panel

*eHydro Software Local Perspective*

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Charleston District
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Software Overview

- Creates standardized products
- Reduces human error with processing
- Reduces production times
- Reconfigurable as missions change
Products

Distribution
  • Charts
  • Channel Condition Reports (CCR)

Planning and Analysis
  • Channel Availability Reports (CHA)
  • Channel Availability by Quarter (CAQ)
  • Channel Condition Index (CCI)
Channel Condition Report

- Channel Condition Report Form 4020-R or 4021-R
- Each sounding identified automatically based on channel quarter geometries
- Base data can be modified as the channel information changes
- Primary product distributed to customers

<table>
<thead>
<tr>
<th>NAME OF CHANNEL</th>
<th>DATE OF SURVEY</th>
<th>AUTHORIZED PROJECT</th>
<th>LEFT OUTSIDE QUARTER (feet)</th>
<th>LEFT INSIDE QUARTER (feet)</th>
<th>RIGHT INSIDE QUARTER (feet)</th>
<th>RIGHT OUTSIDE QUARTER (feet)</th>
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<tr>
<td>Daniel Island Reach 1342+77 to 1412+71</td>
<td>05-29-2014</td>
<td>880</td>
<td>1.30</td>
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<td>46.6</td>
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<td>05-29-2014</td>
<td>800</td>
<td>0.50</td>
<td>45</td>
<td>43.2</td>
<td>50.2</td>
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<td>45.1</td>
<td>41.0</td>
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SAC Standard Chart Product
Chart Products

- Depicts the channel geometries along with the survey information
- Templates created for each project area and populated with District developed symbology and NOAA Raster Navigation Charts
- Individual survey data input into template and customizable for different outputs
- Can be output in PDF or MDX formats
eHydro Future

- Moving towards Enterprise solution for data delivery
- Uploads to local and Enterprise level web viewers
Questions?

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