



IENC Bathymetric Overlay: Channel condition surveys for the Southwest passage

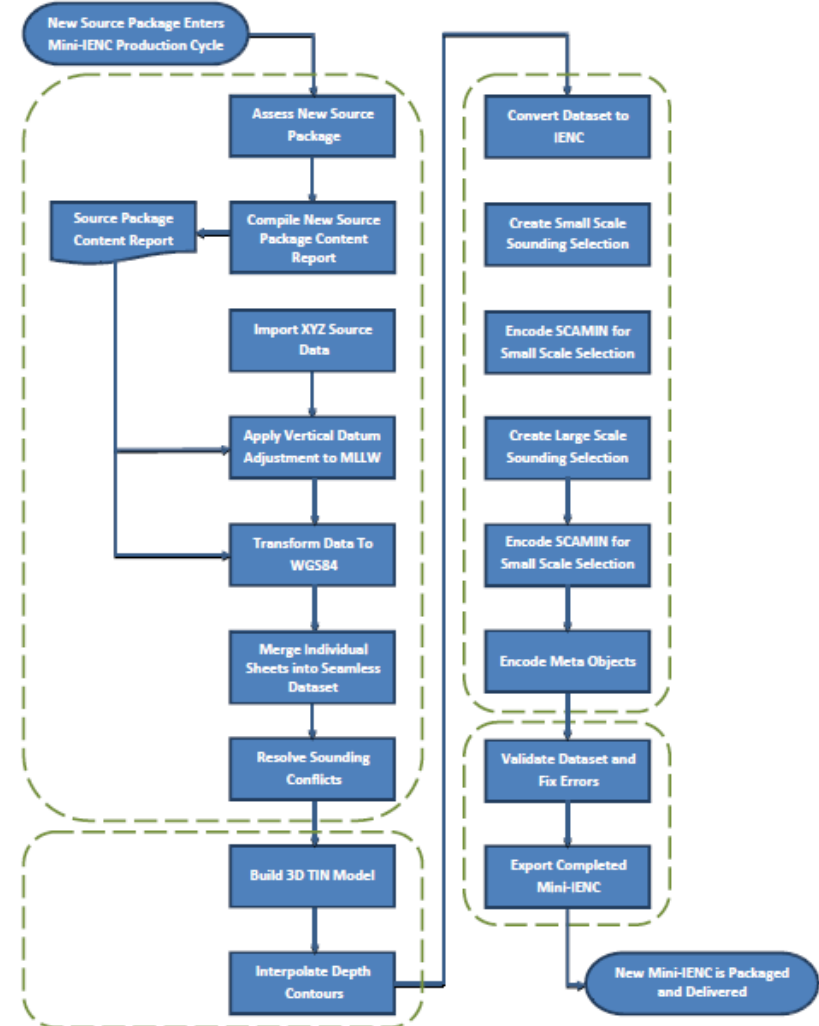
Chris Hudson
2013

Goals of Overlay Project

- Channel Conditions for Southwest Passage
- “Black Box” approach goal: Generating Overlay file within an 30 minute time frame.
- Weekly updates for Channel Conditions.

Stages of Production

1. Soundings
2. Generating Contours
3. Creating Overlay



Sounding Process



- Automatic Algorithm
- Batch Processing

Mississippi River - South & Southwest Pass
Channel Condition Surveys



Click map sheet to preview its channel survey.

Select Format: PDF

Mississippi River - South & Southwest Pass
Channel Condition Survey Sheet Limits

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Microsoft Windows [Version 6.1.7601]
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C:\Users\Chris> CD C:\USACE\Southwest_passage\test

C:\USACE\Southwest_passage\Test>processxyz.bat

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IIC Technologies Inc - XYZ Processing Utility
Feb/06/2013
Version 2.1
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***** *** Processing *.ALL Files in Current Folder *** *****

ac130213.ALL
bc130320.ALL
cc130322.ALL
dc130319.ALL
ec130322.ALL
fc130319.ALL
gc130320.ALL
hc130321.ALL
ic130321.ALL
jc130321.ALL
yc130214.ALL
zc130214.ALL

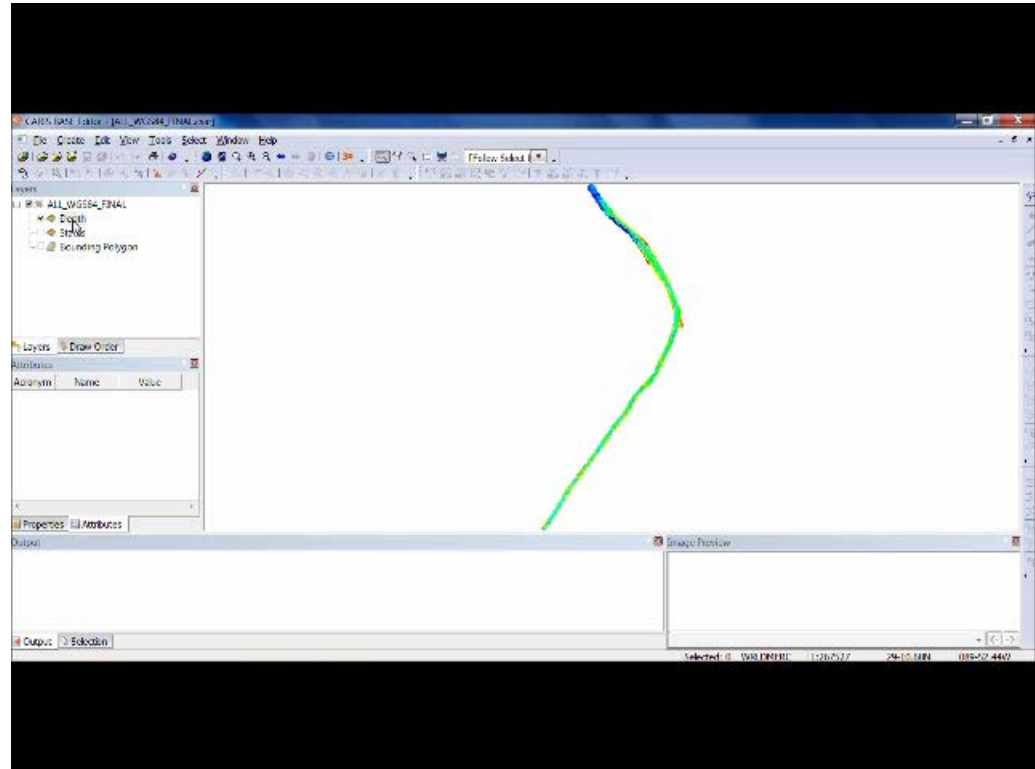
***** *** Building Point Cloud Surface *** *****

Processing file: .\ALL_WGS84_FINAL.XYZ
9402 source points were processed.
0 source points were skipped.

***** *** Processing Completed *** *****
```

Generating Features

- Generate Contours
- Sounding Selection
- Adding metadata.



Creating Overlay

- Editing
- Validating
- Exporting

