

Republic Helicopter Salvage Job

CODA Echoscope 3D Multibeam Survey



February 8, 2017

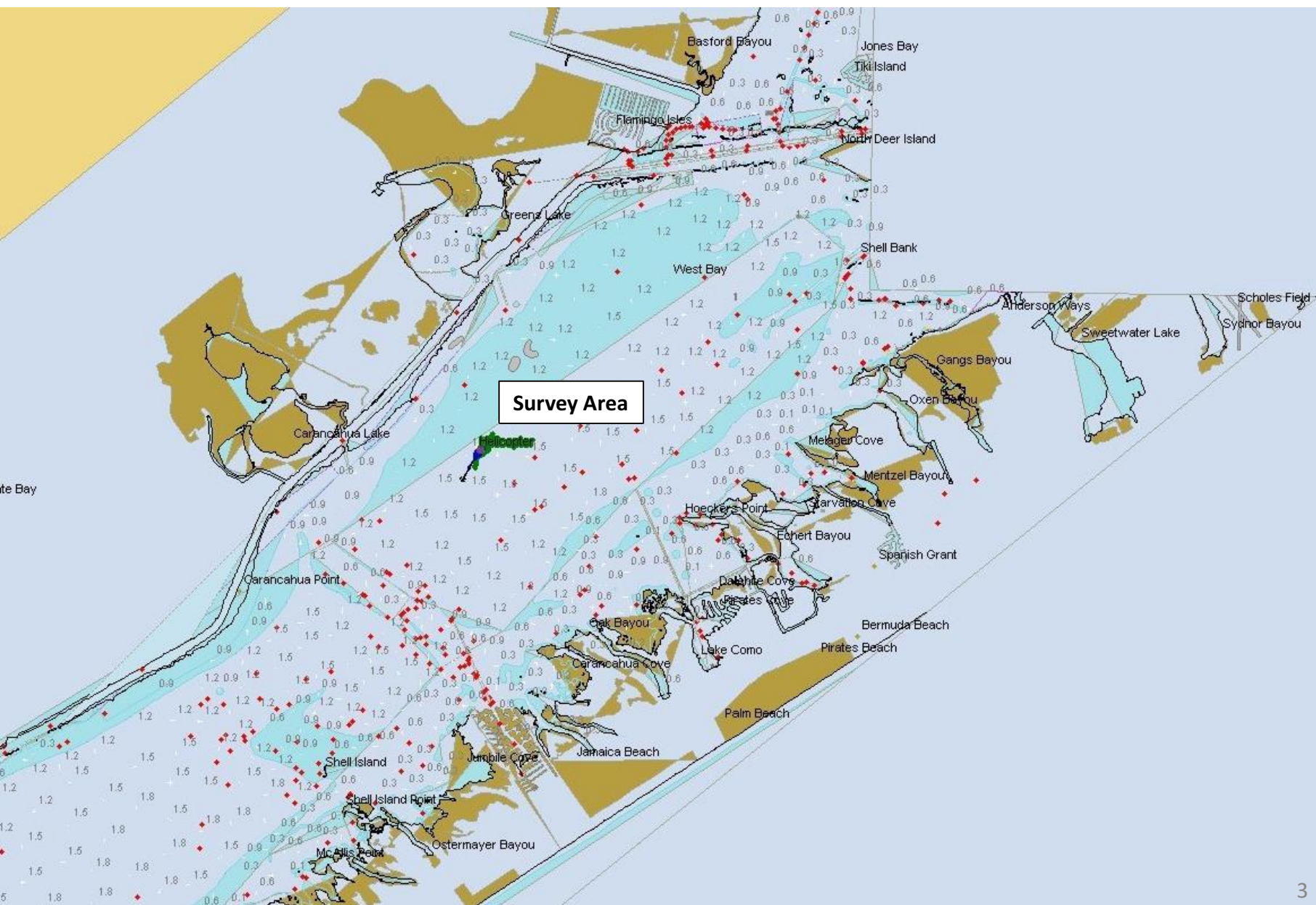
Survey and report completed by Erin Diurba - Senior Hydrographic Surveyor

T&T Marine Salvage

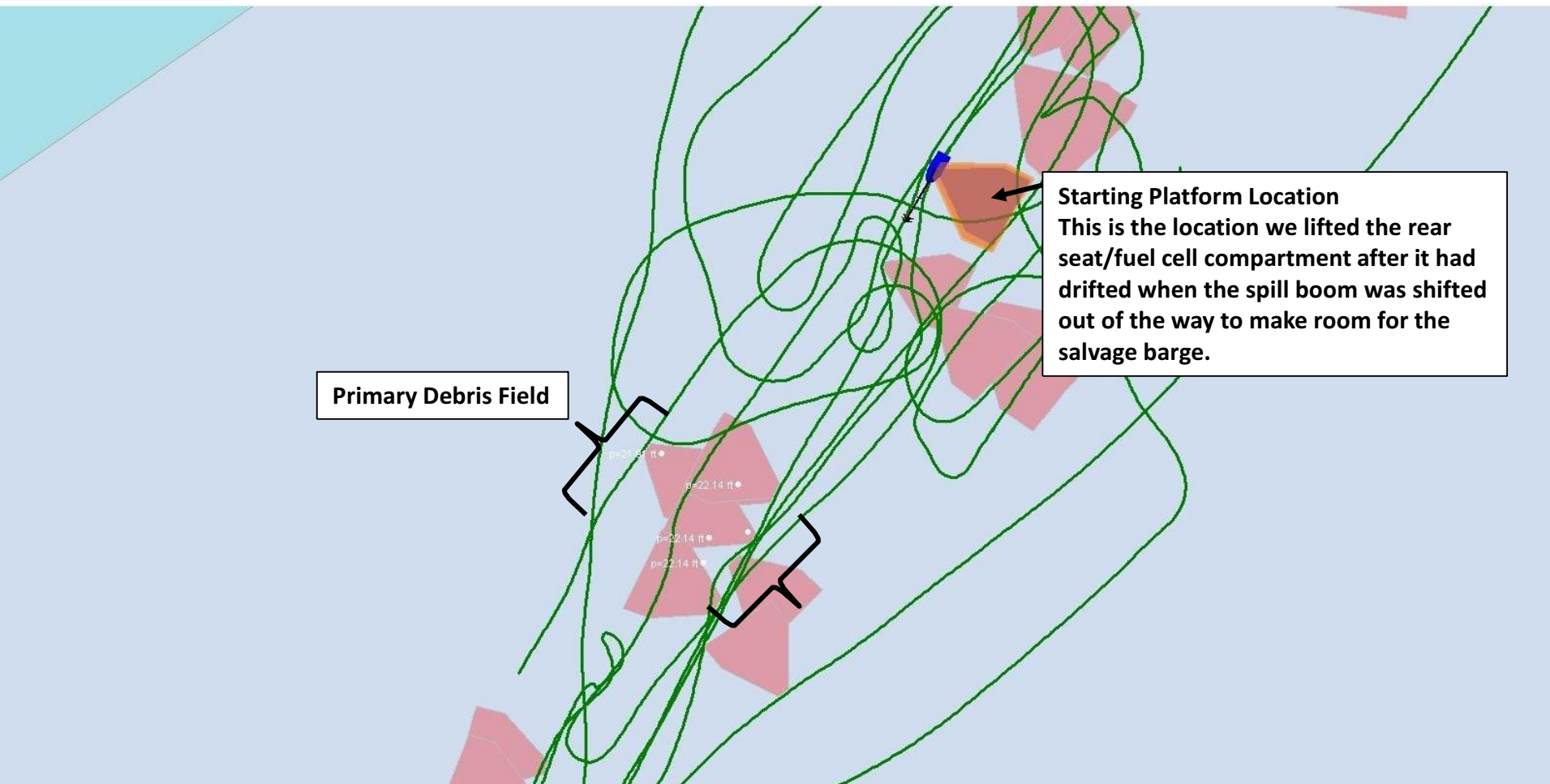
Helicopter Search – Location



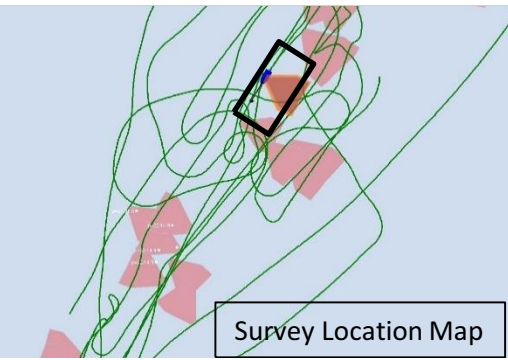
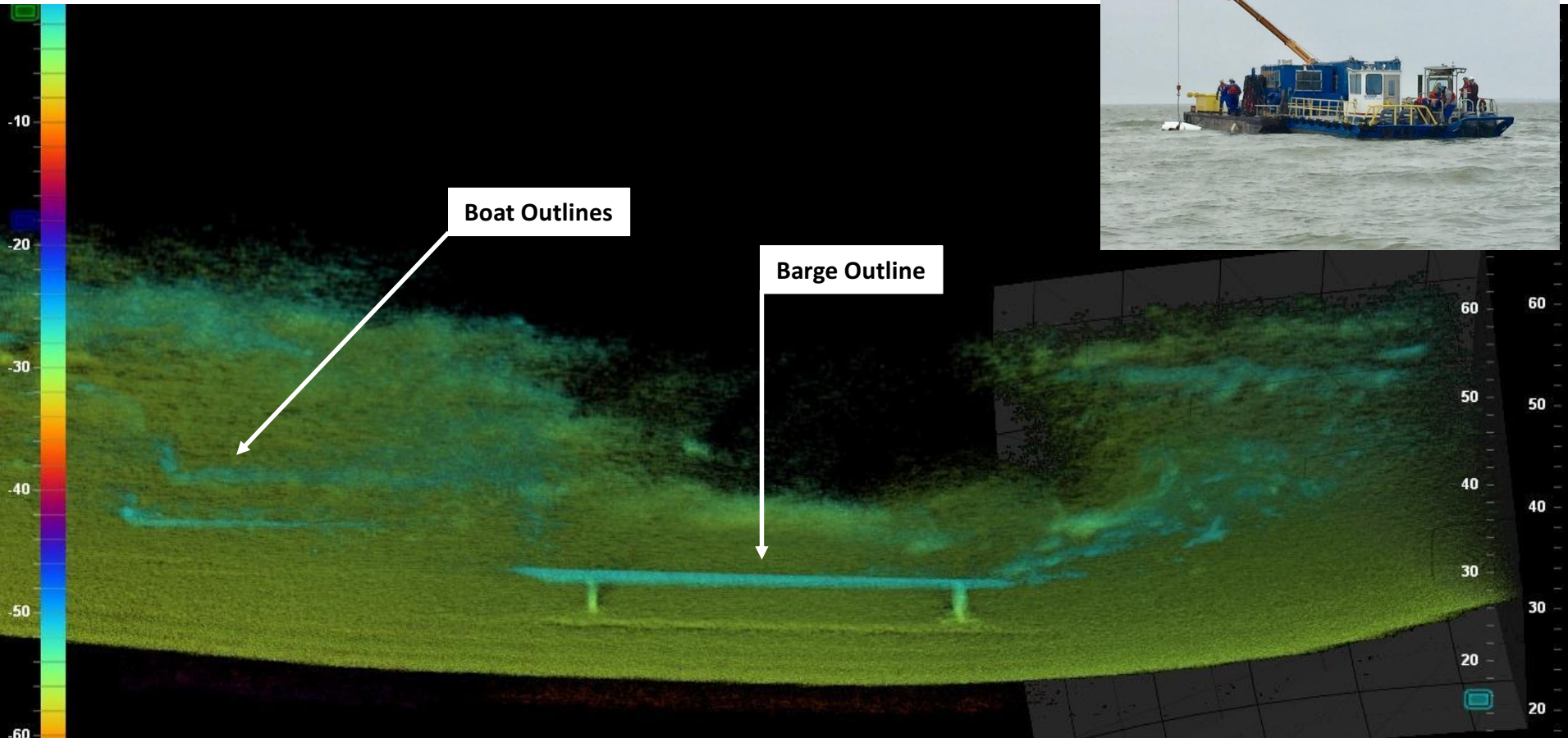
Helicopter Search – Survey Location



Helicopter Search – Identified Objects



Platform



Visual Inspection Findings: Footing spuds and base of crane barge. The outline of the 2 assist boats is also visible.

Main Debris Field

Side looking view

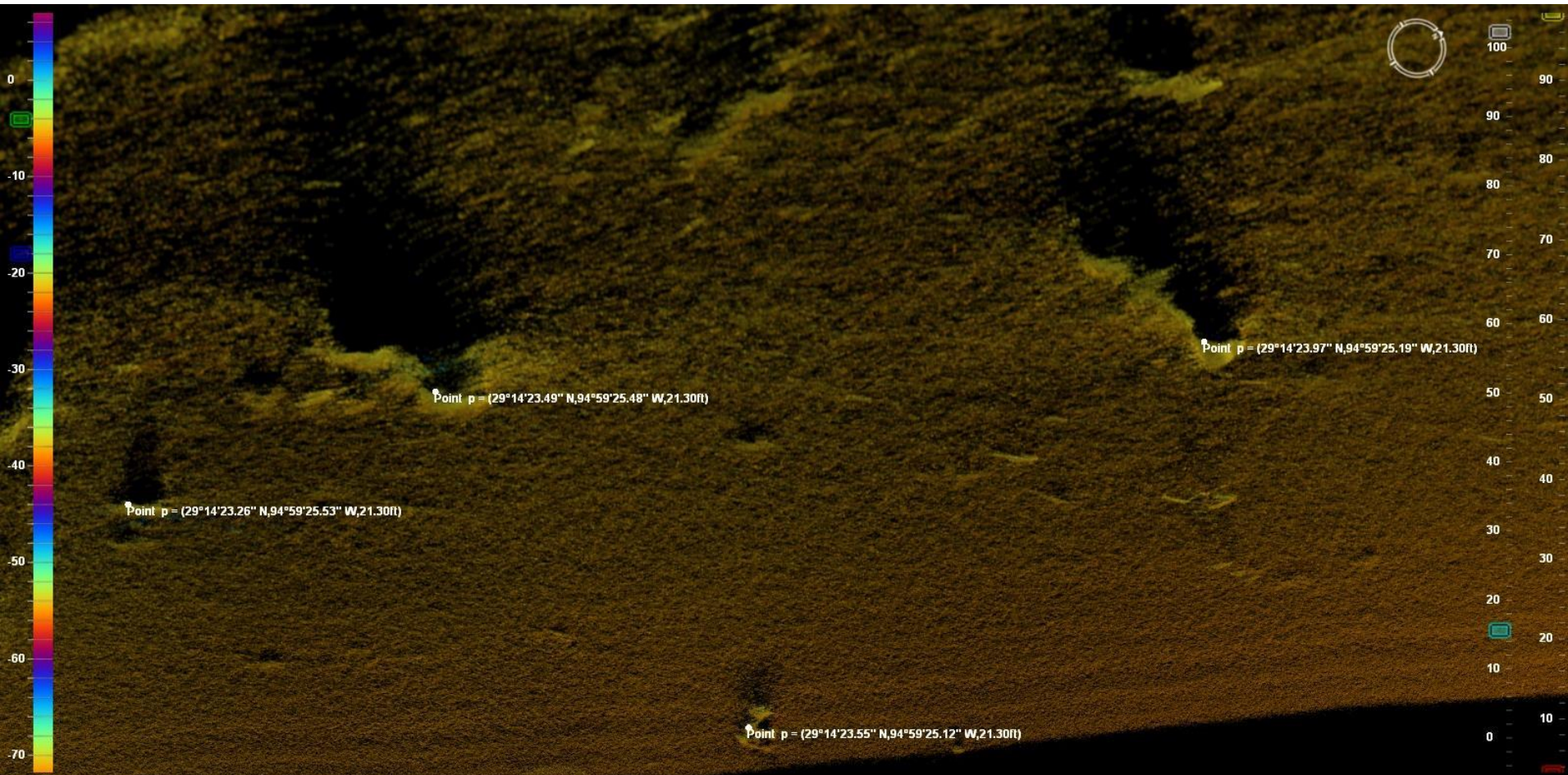
Down looking view

Large debris items

Here the boat is travelling NE and is looking off to the port side (NW).
Visual Inspection Findings: Saw large objects with significant height that blocked collection of data behind them. This is the cause of the black “shadows” and sharp lines.

Survey Location Map

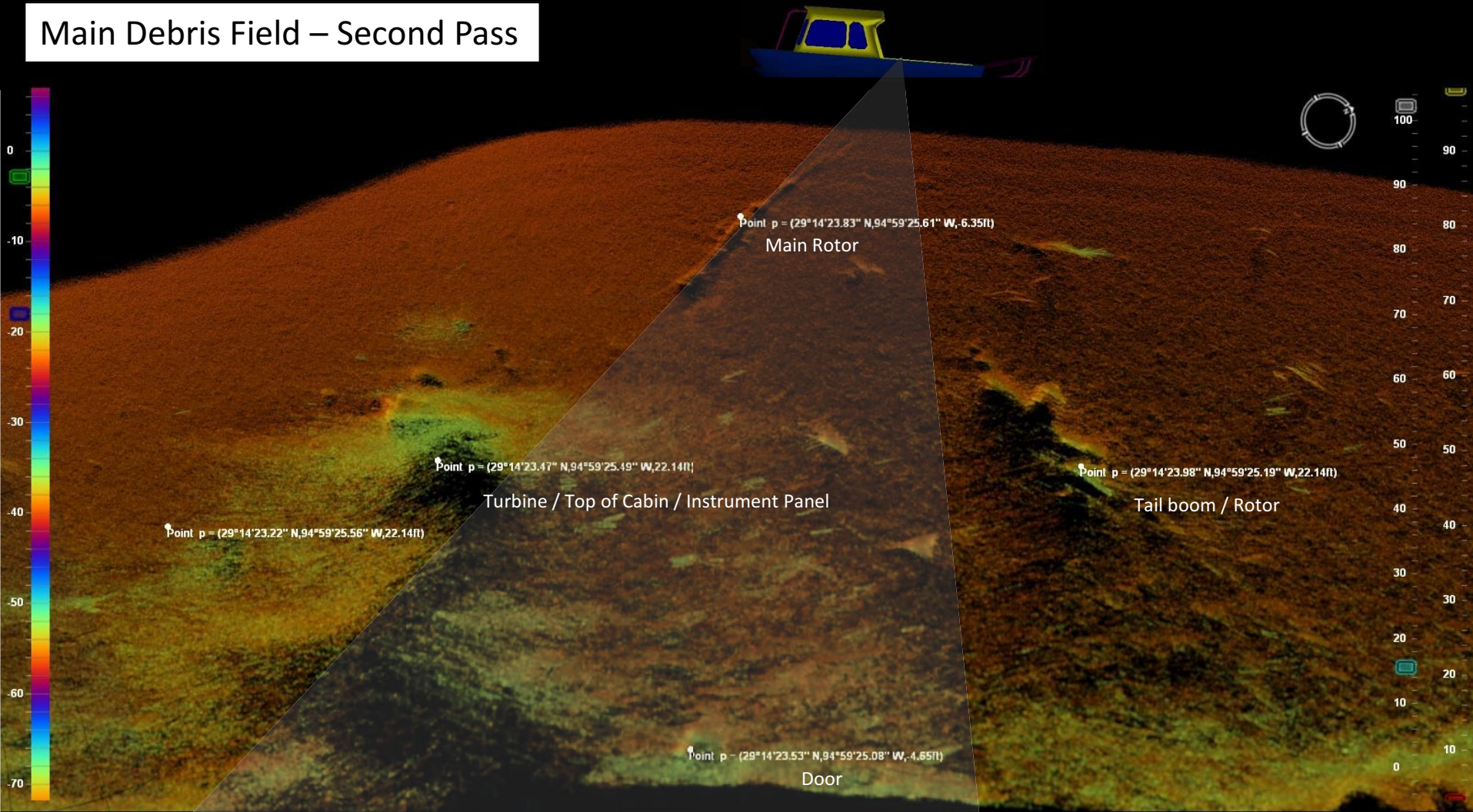
Main Debris Field



This view shows the same objects as the last slide but with their geographic coordinates listed.

Survey Location Map

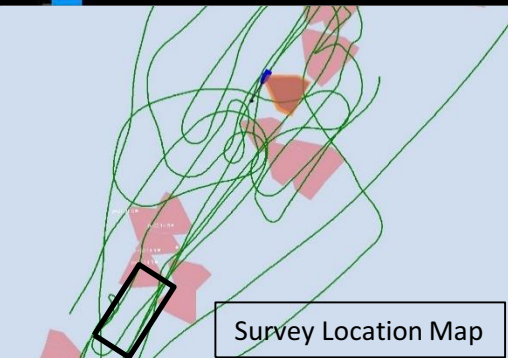
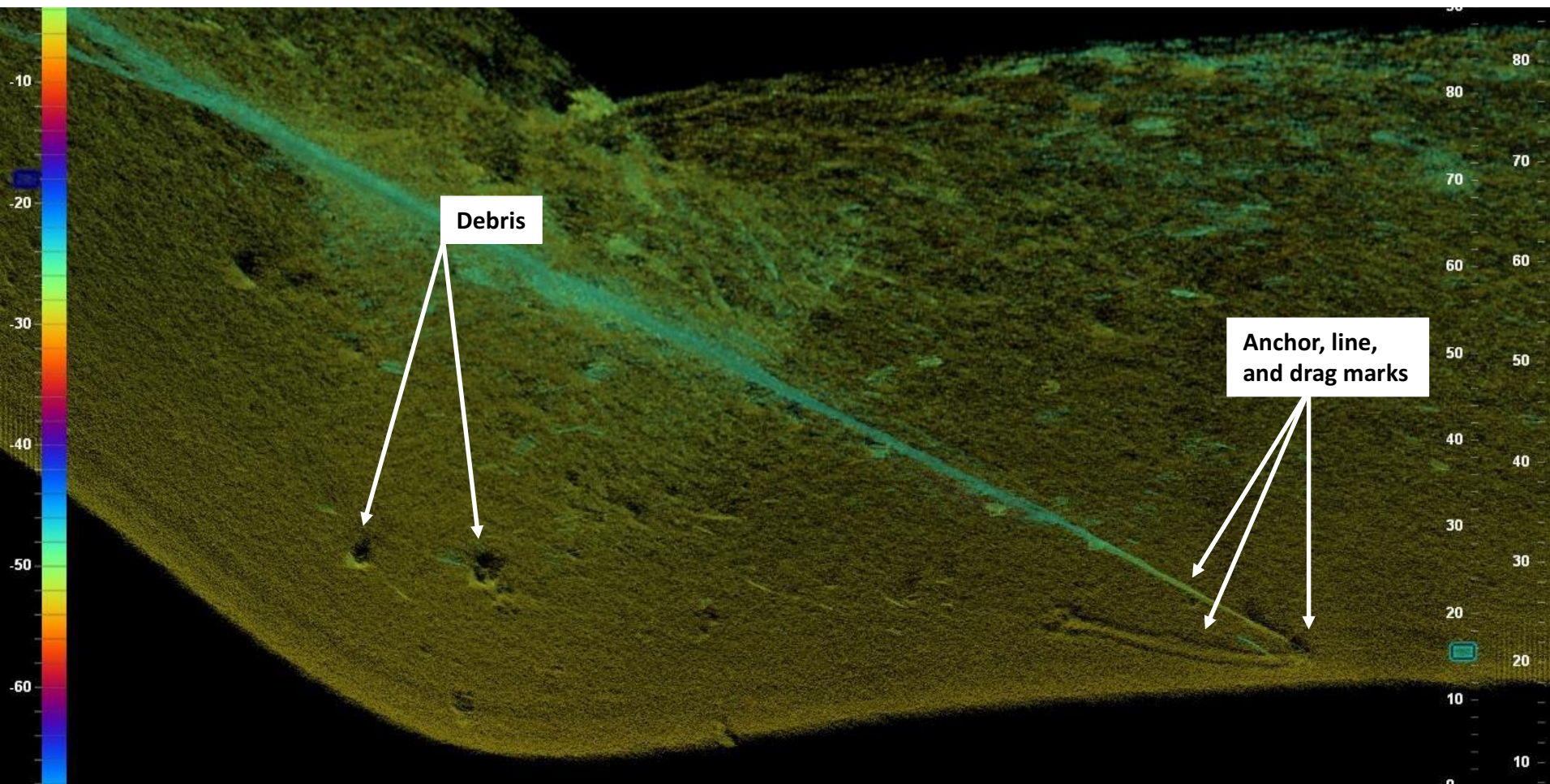
Main Debris Field – Second Pass



Here the boat is travelling SW and is looking off to the port side (SE). The image has been rotated so that it is the same configuration as the previous slides. Now you can see that the object that was likely the propeller can be seen.

Survey Location Map

Boom Location – Next to Debris Field



Survey Location Map

Visual Inspection Findings: Saw some small debris pieces around the vicinity of the anchored boom.

Thank you.

Please feel free to contact me with any questions or concerns.



Erin Diurba - Senior Hydrographic Surveyor

