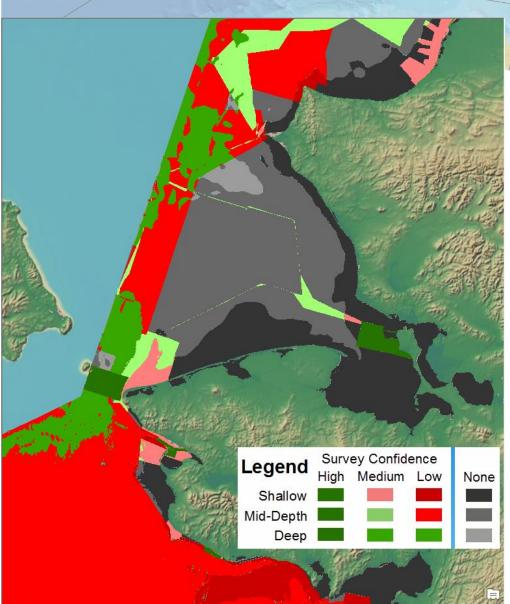


Demonstration of Methodology



3. Intersect Areas of Confidence with Depth Areas to determine Potential Areas of Concern.

(e.g. Higher Confidence and/or Deeper Depths)

Low Concern

Med. Concern

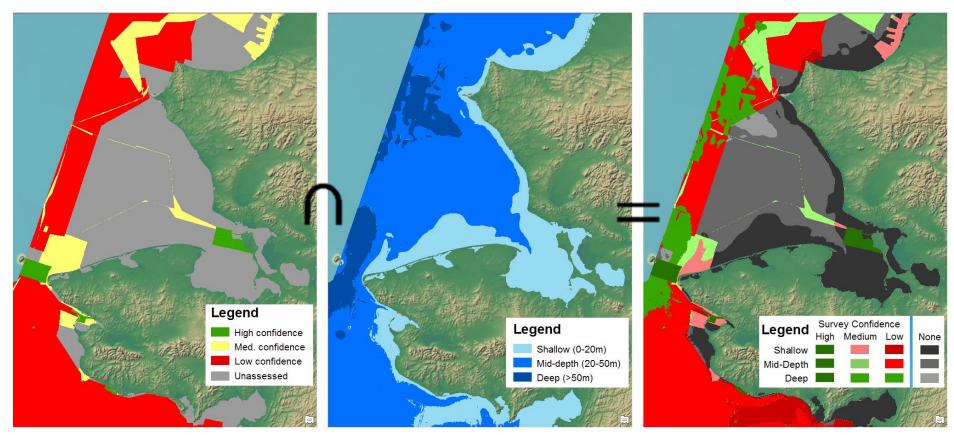
High Concern

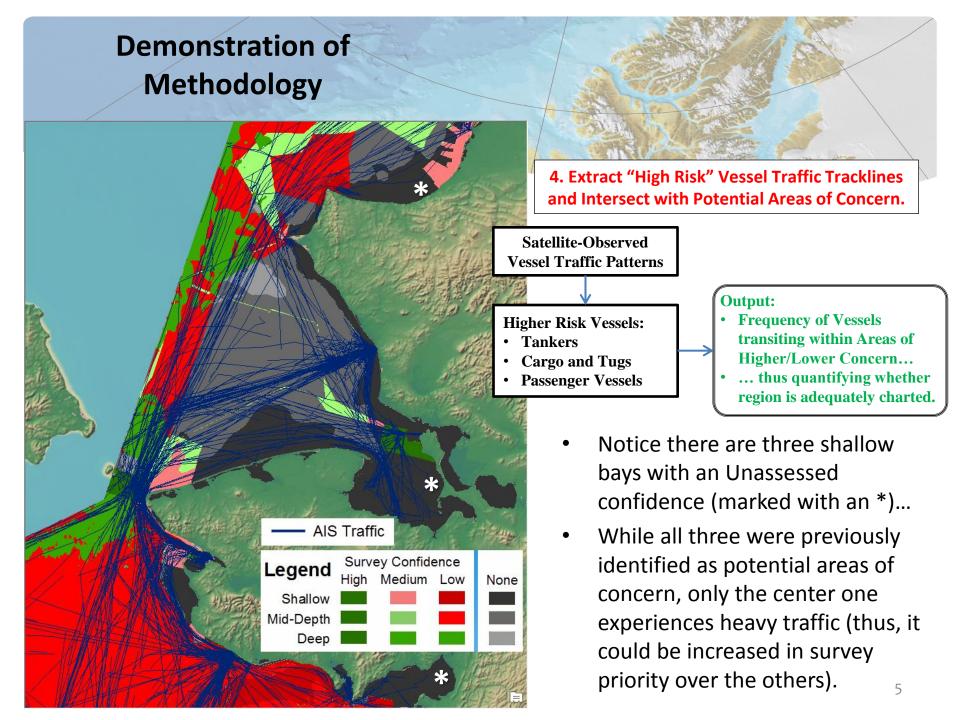
(e.g. Lower Confidence and/or Shallower Depths)

- The darker the color, the greater the potential for concern...
- However, the areas are only truly concerning if they are being navigated by traffic.

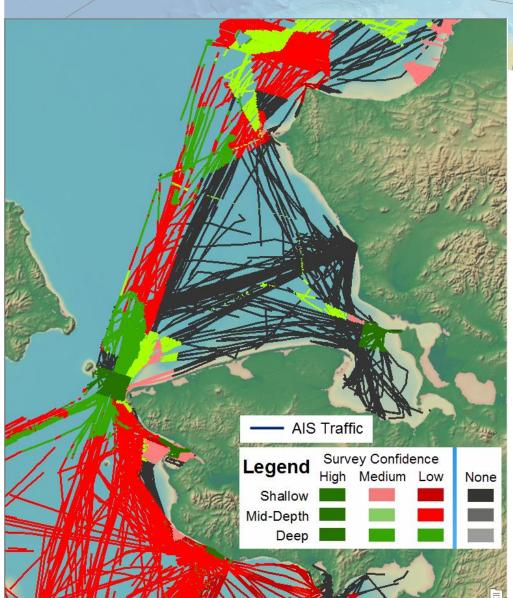
Demonstration of Methodology

 Side-by-side view showing the intersection between the Areas of Confidence (left) and the Depth Areas (center) to yield the Potential Areas of Concern (right).





Demonstration of Methodology



5. Compute Area Geometry of Potential Areas of Concern and Linear Distance Traversed by Vessel Traffic within each Area type.

- Vessel tracks can now be parsed based on how often they transit within any given depthconfidence combination to quantify the problem for any region.
- See next slide for summary tables...