Automated Approaches to Bowhead Whale Identification

aka.... Whale ID!

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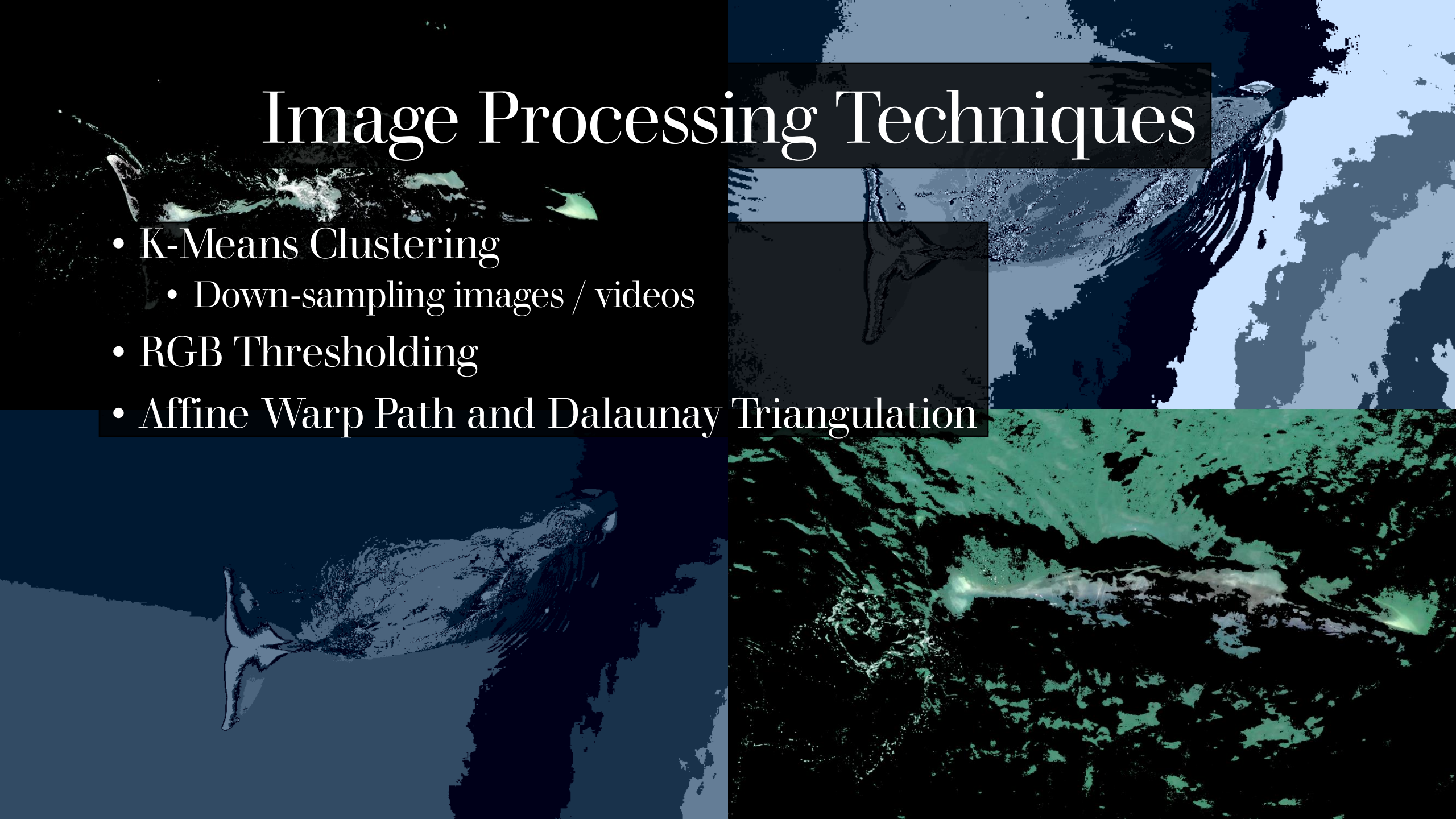
Image Processing Techniques

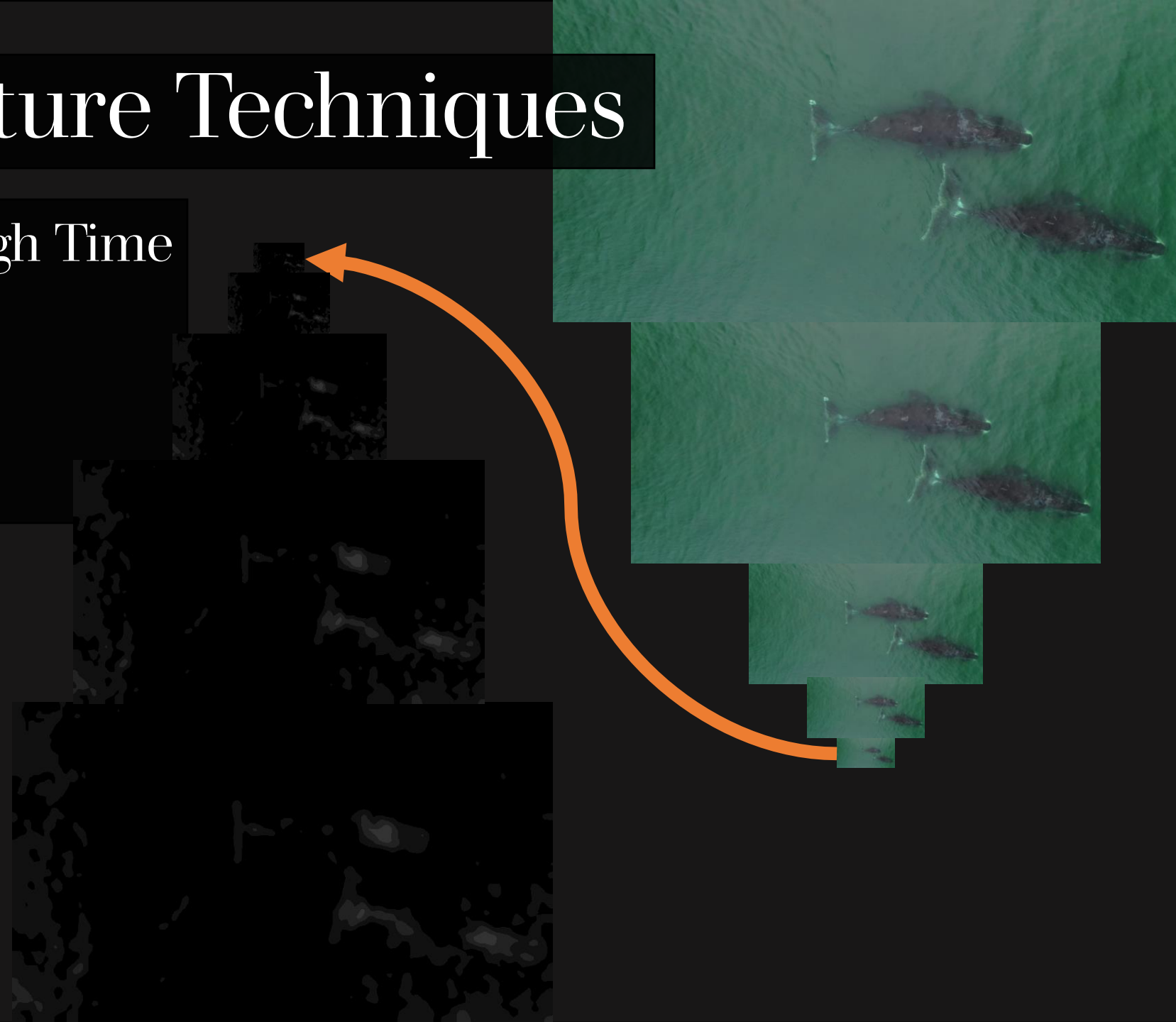
- K-Means Clustering
  - Down-sampling images / videos
- RGB Thresholding
- Affine Warp Path and Dalaunay Triangulation

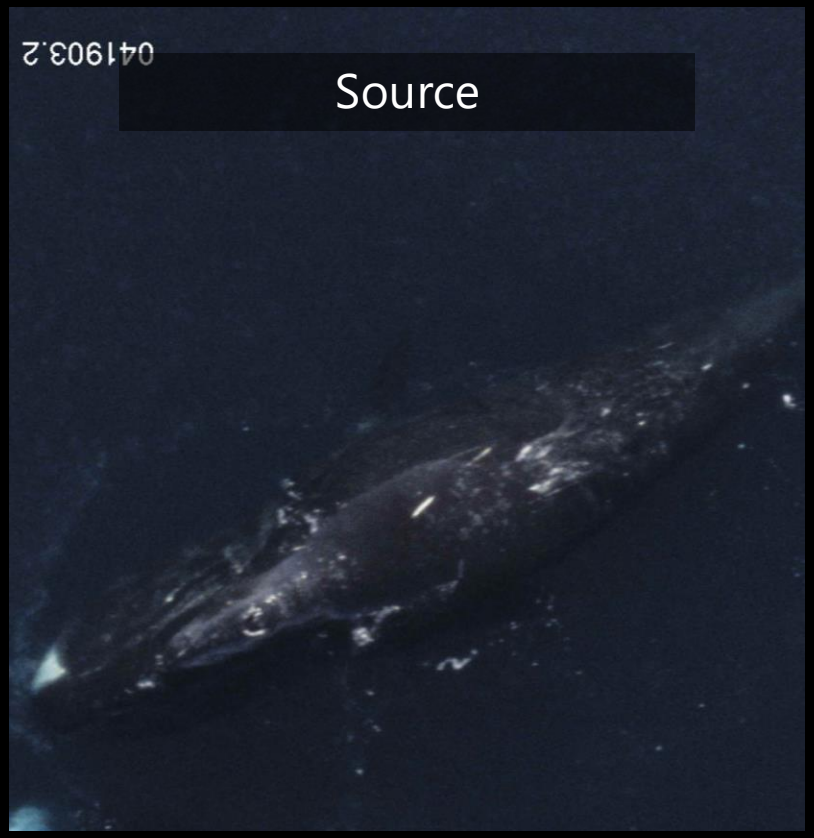


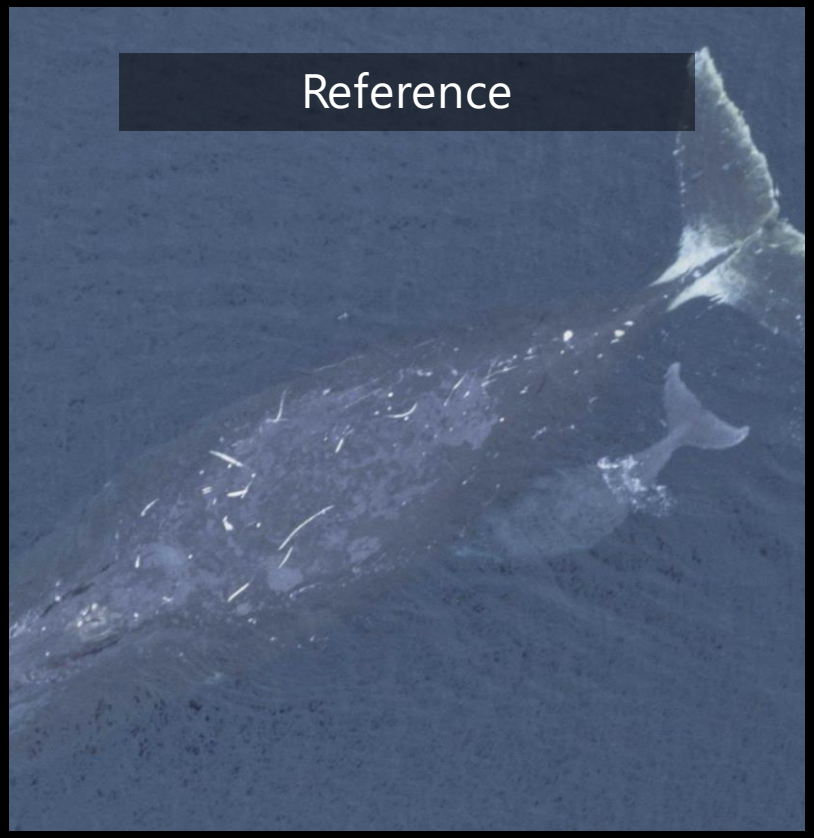
Canny Edge Detector

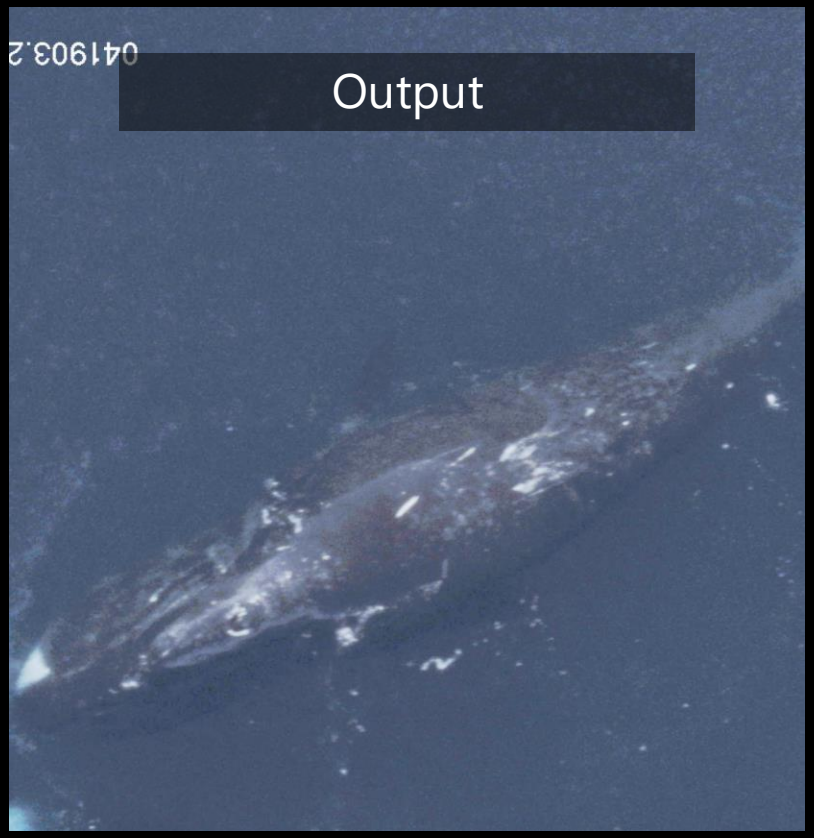
Future Techniques

- Median Filtering through Time
- Density Thresholding
- Histogram Transfer
- Neural Network









Histogram Transfer