

Compiling Bathymetry

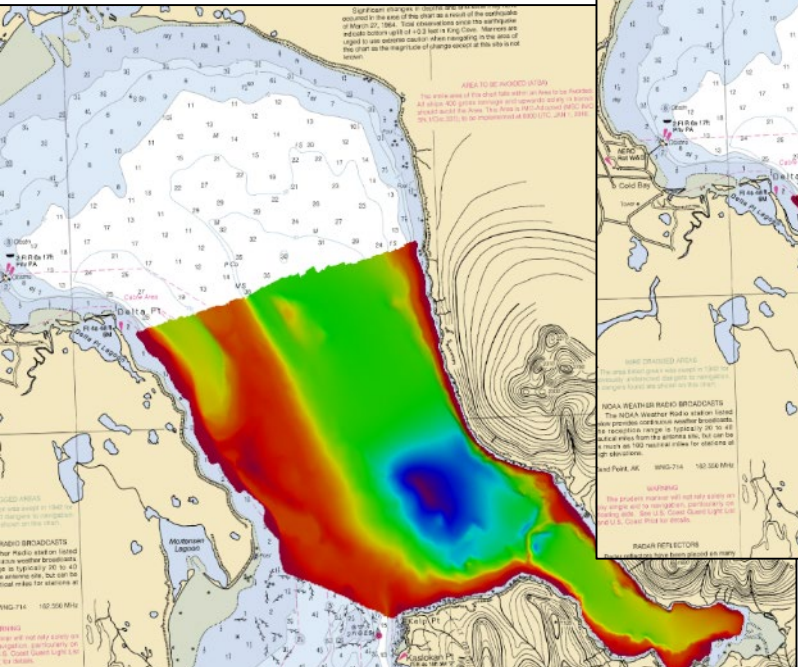
National Bathymetric Source

Glen Rice, NOAA
February 24, 2020

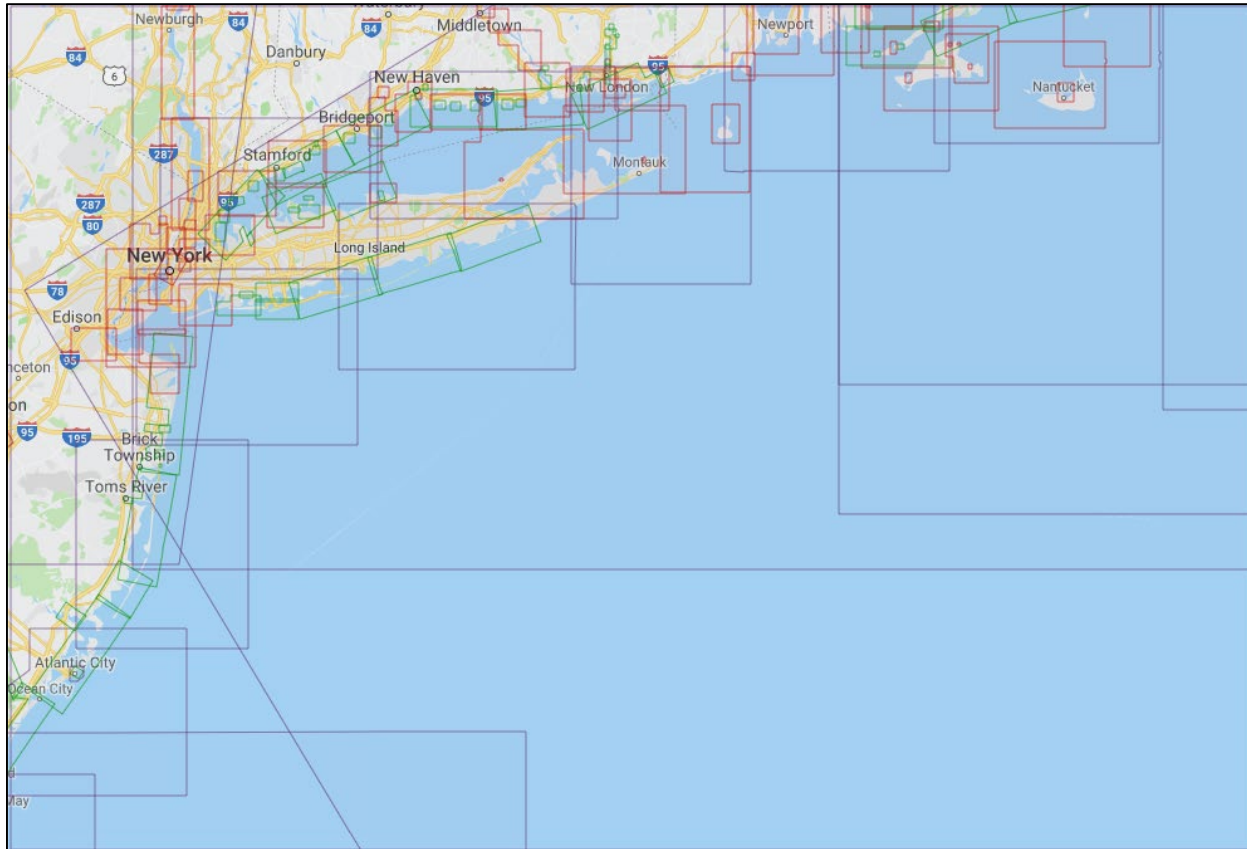


Office of Coast Survey
National Oceanic and Atmospheric Administration

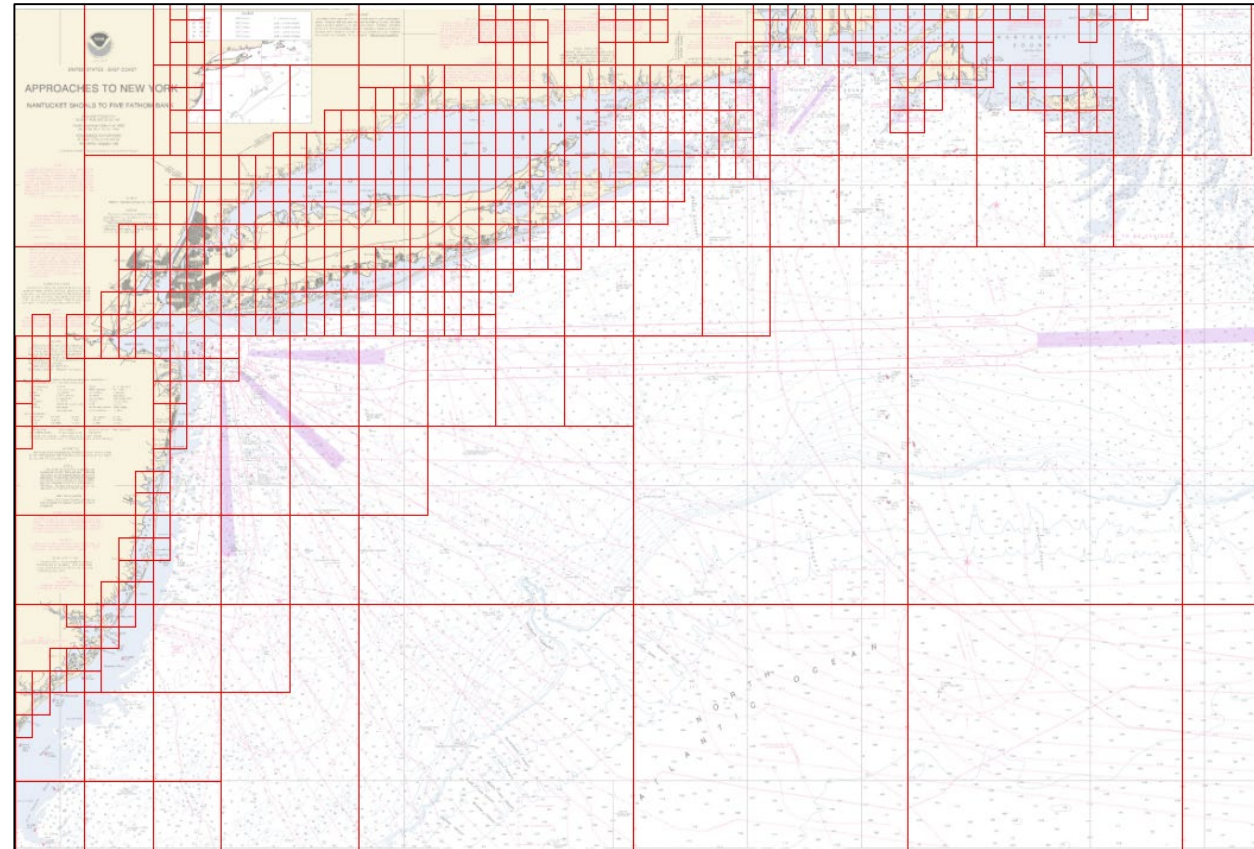
Bathymetry As Part of Chart Compilation



From Paper to Electronic Charts



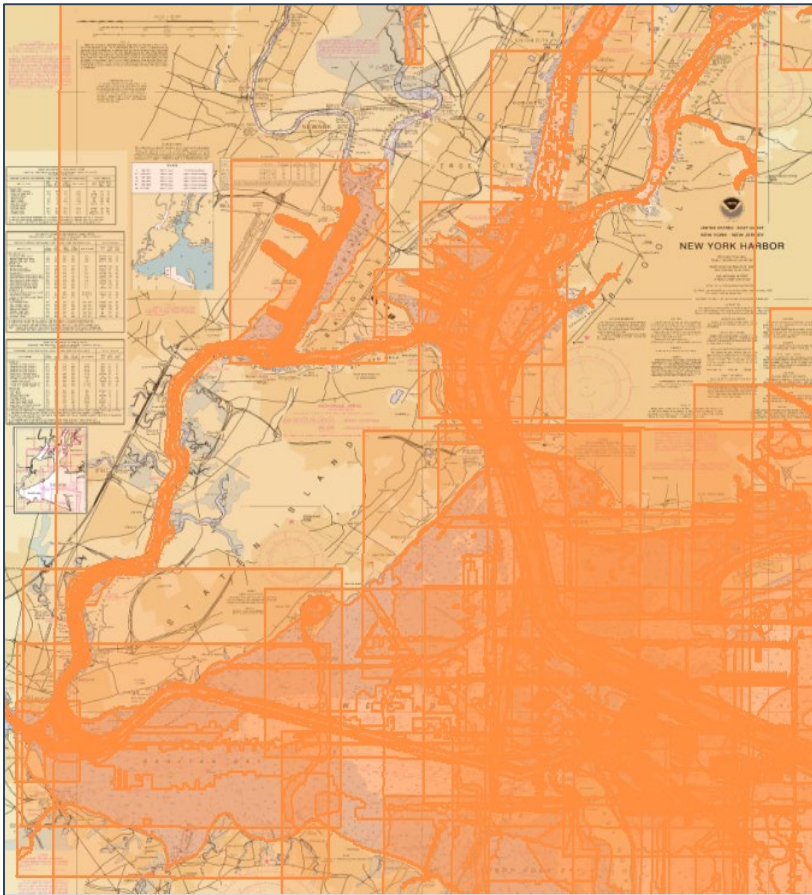
Paper Charts



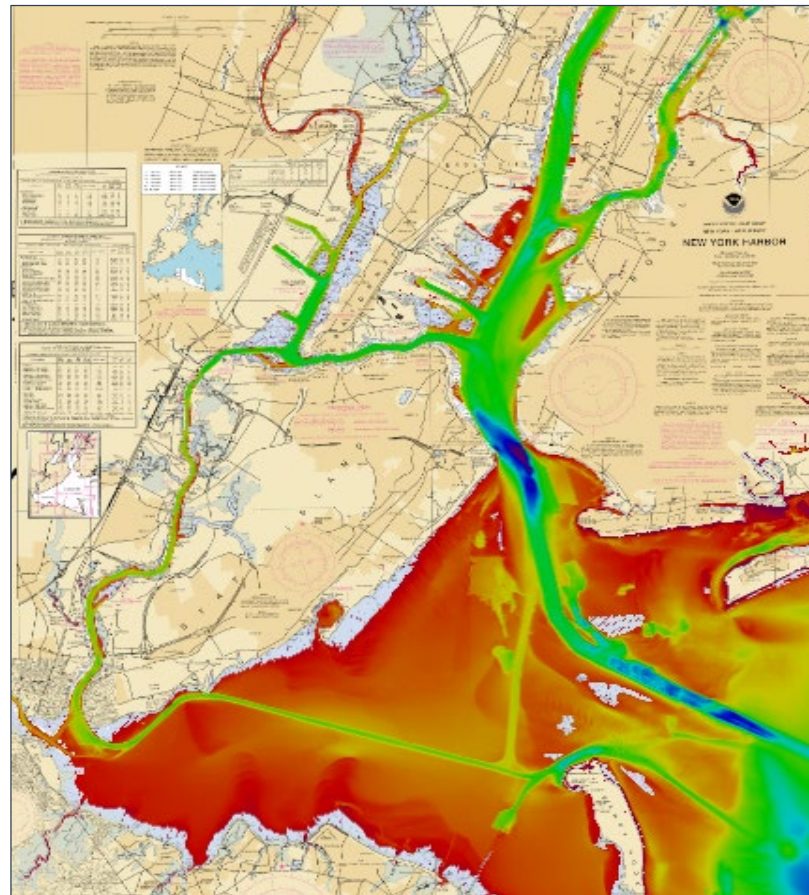
Electronic Charts



Updated Nautical Chart Generation



Disparate Sources



Compiled Bathymetry

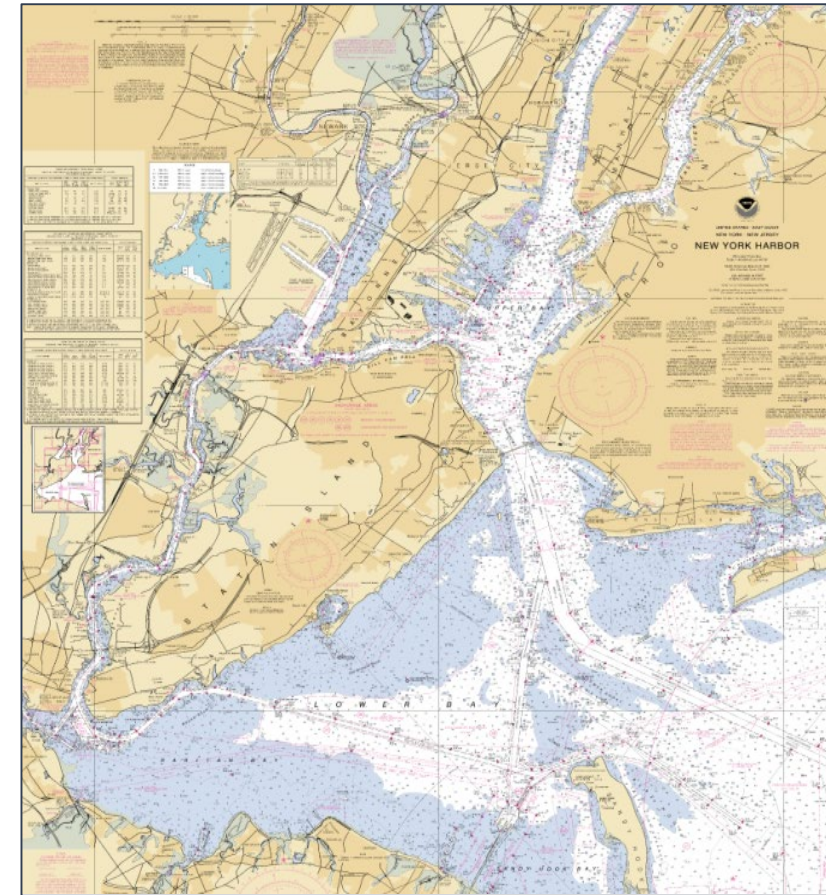


Chart Production



National Bathymetric Source Metrics

1. Depth

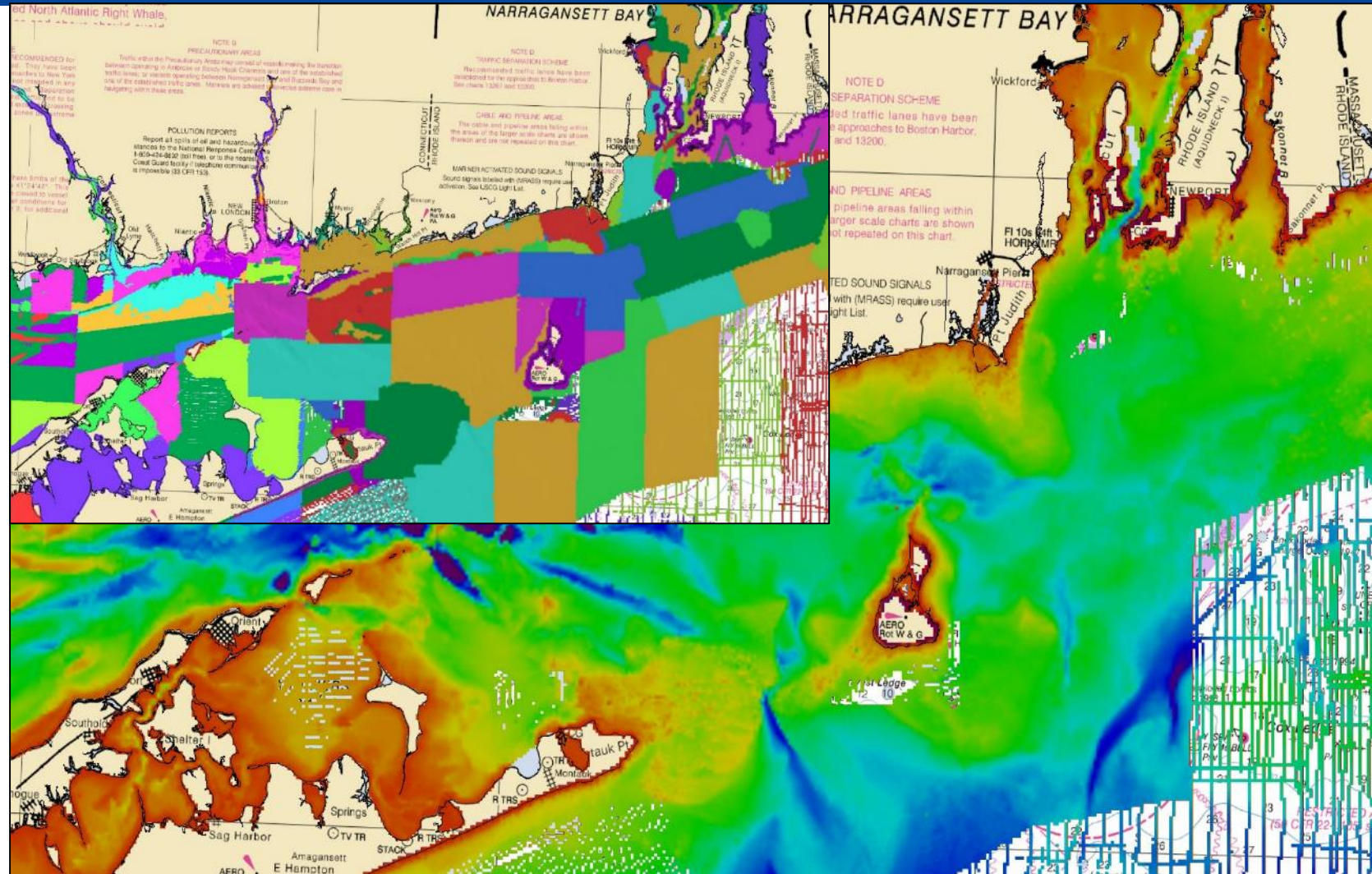
- a) Datum
- b) etc

2. Quality

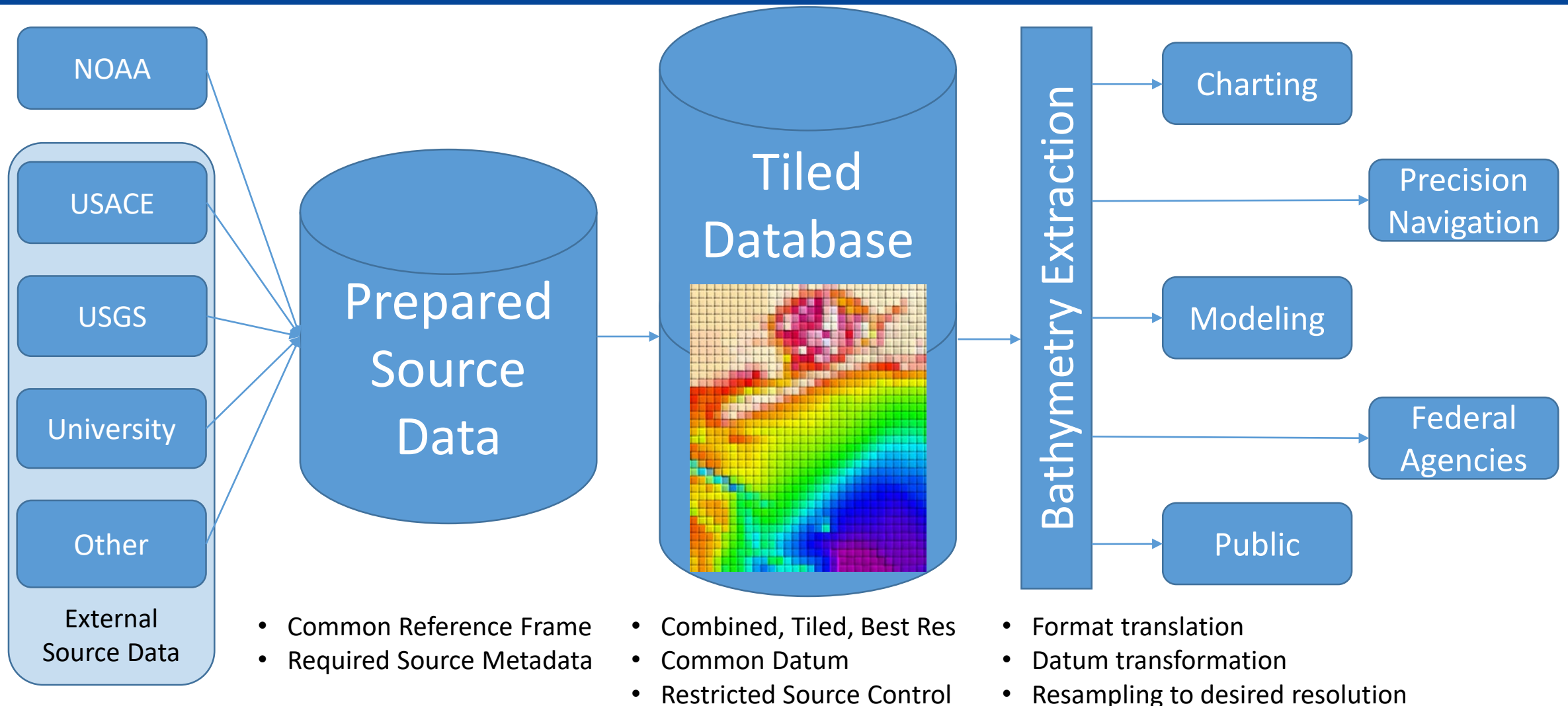
- a) Coverage
- b) Uncertainty
- c) Feature Detection

3. Origin

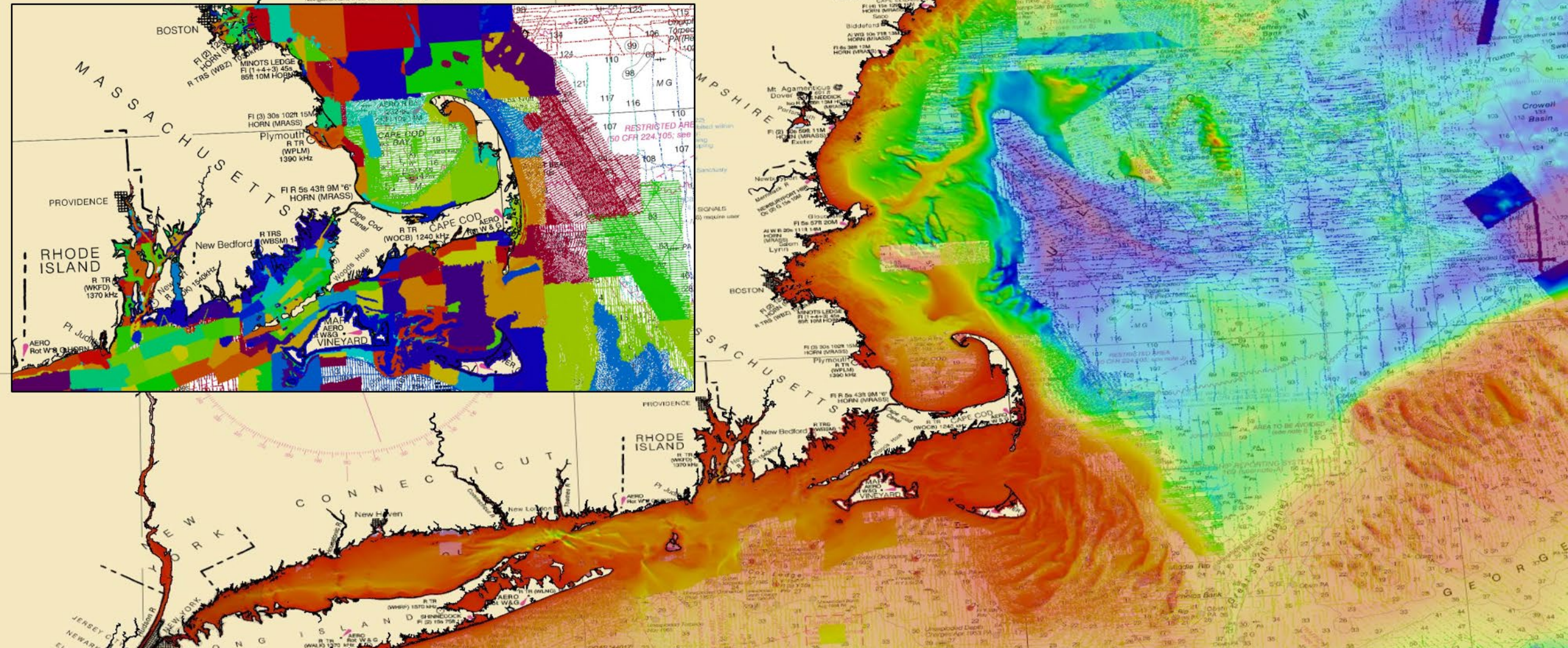
- a) Source information
- b) License



National Bathymetric Source Workflow



National Bathymetric Source Project



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