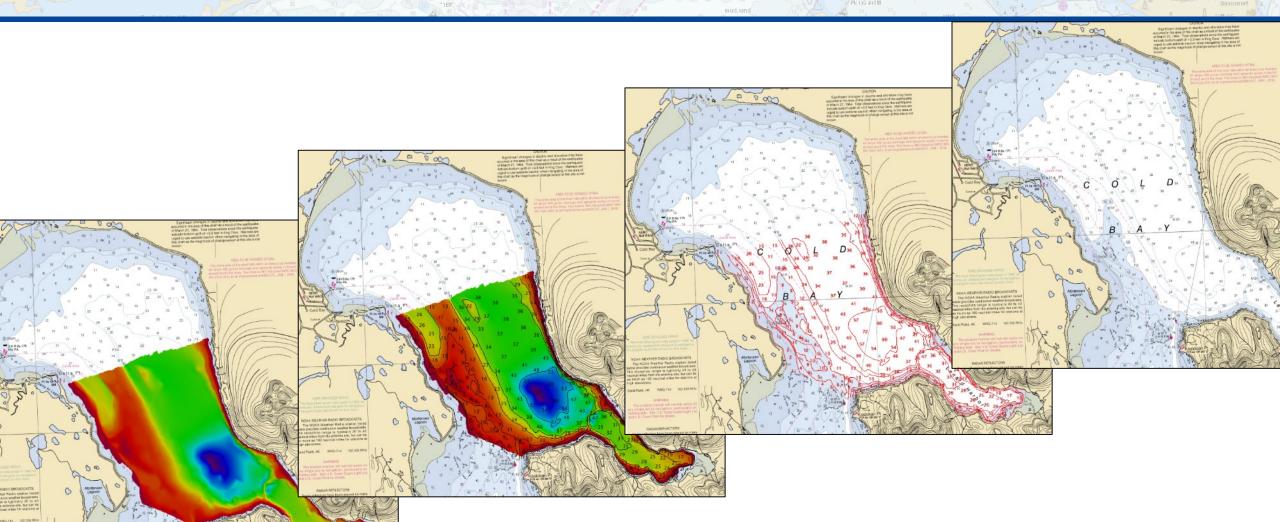


Compiling Bathymetry

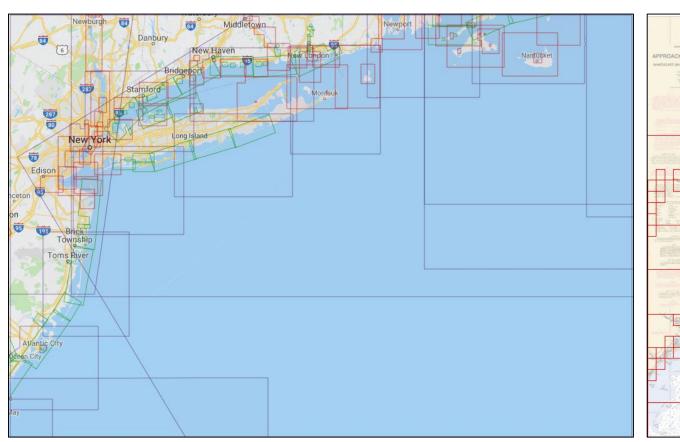
National Bathymetric Source

Glen Rice, NOAA February 24, 2020

Bathymetry As Part of Chart Compilation



From Paper Not Bleath of the Storington Alva Bleath of the Storing

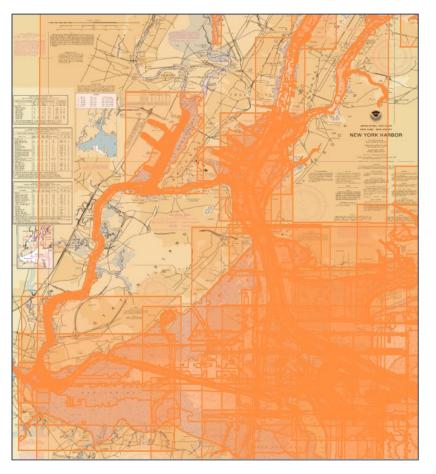


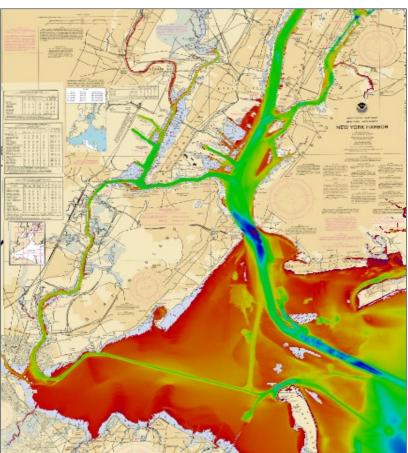


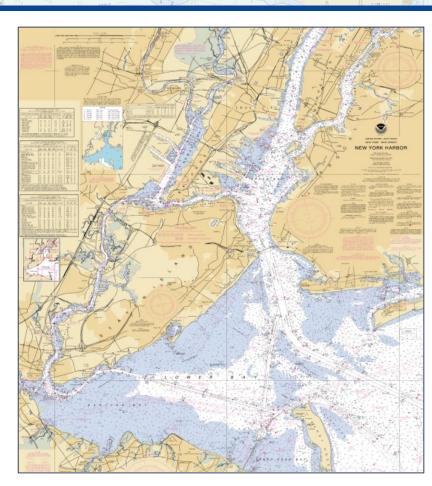
Paper Charts

Electronic Charts

Updated Nautical Chart Generation



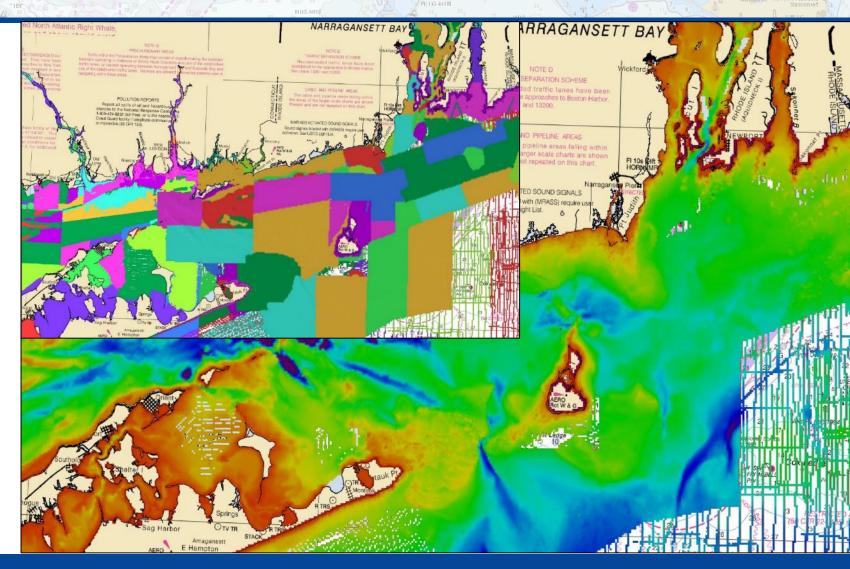




Disparate Sources Compiled Bathymetry Chart Production

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

NOAA Charting Tiled Precision **USACE** Navigation Database Prepared Modeling **USGS** etrv Source Federal University Data Agencies Public Other External Common Reference Frame Combined, Tiled, Best Res Format translation Source Data Required Source Metadata Common Datum **Datum transformation Restricted Source Control** Resampling to desired resolution

National Bathymetric Source Project

