

Update on NOAA Plan to End Traditional Paper Chart Production

2/20/2020



Office of Coast Survey
National Oceanic and Atmospheric Administration

5-year Process



- Improving data consistency and providing larger scale coverage
- Providing access to paper chart products based on ENC data
- Shutting down all traditional paper and associated raster chart production



Prior paper chart and ENC coverage

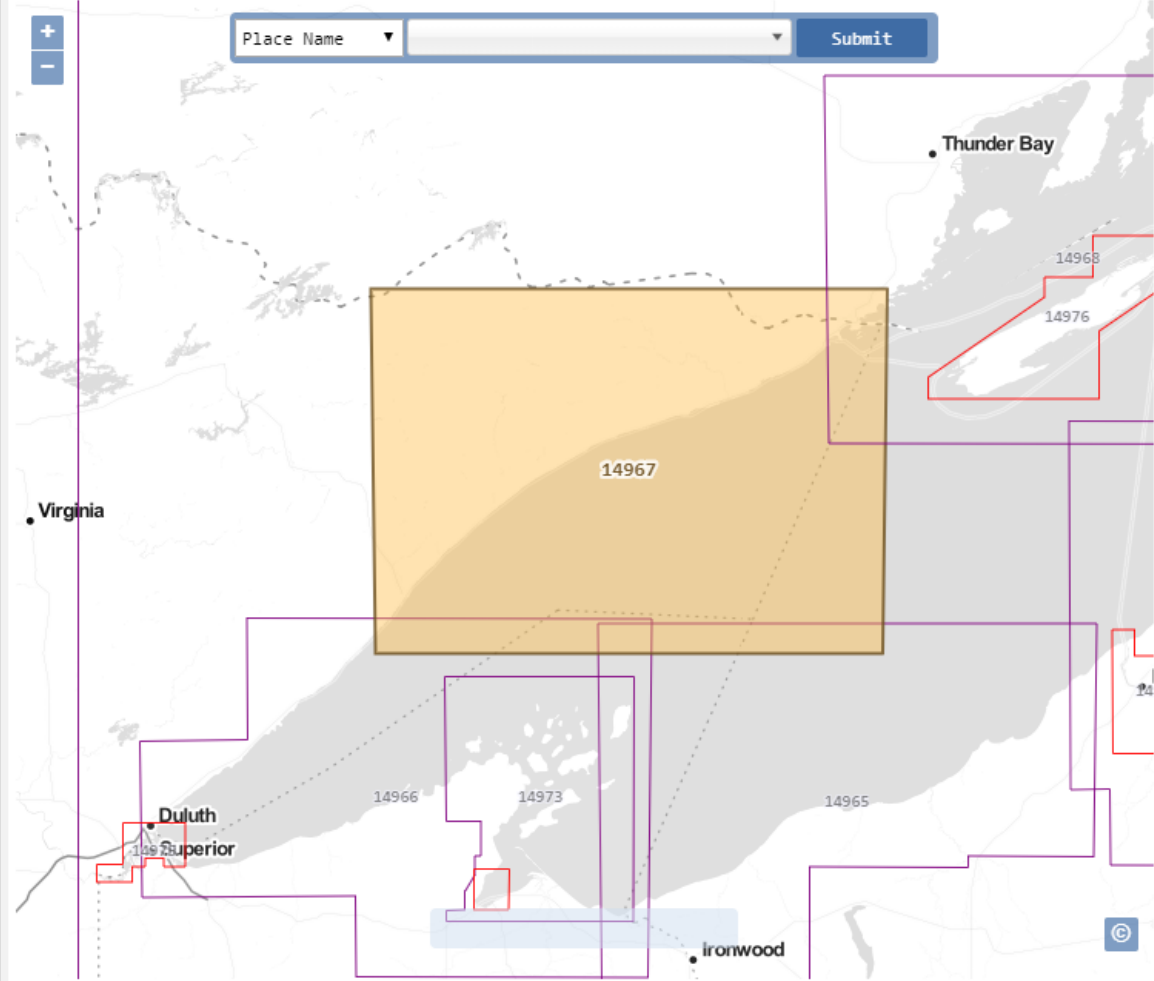
- Largest scale chart coverage between Thunder Bay and Duluth
 - Paper chart 1:120,000
 - ENC 1:120,000

Chart: 14967	
Title:	Beaver Bay to Pigeon Point;Silver Bay Harbor;Taconite Harbor;Grand Marais Harbor
Type:	Coastal Chart
Scale:	1:120,000
Edition:	24
Published:	11/1/2014

Paper Charts (RNC & PDF)Electronic Charts (ENC)Coast PilotHelp

Place Name

Submit



Available Product Information

NOAA RNCs (RNC):
Geo-referenced charts in BSB format.
NOAA Paper Nautical Charts
NOAA Certified Chart Agents:
Order Print-on-Demand(POD) charts
NOAA BookletChart (BC):
8.5" x 11" printable panels of the charts.
Notice to Mariner (NM):
Weekly corrections to the RNCs.
[Goto Historical Charts](#)

Map Selection Information

Chart: 14967

Title: Beaver Bay to Pigeon Point;Silver Bay Harbor;Taconite Harbor;Grand Marais Harbor

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Available Products

View

Buy

PDF

BC

RNC

NM

Hist

Office of Coast Survey
National Oceanic and Atmospheric Administration

Improving ENC

Improved larger scale ENC coverage

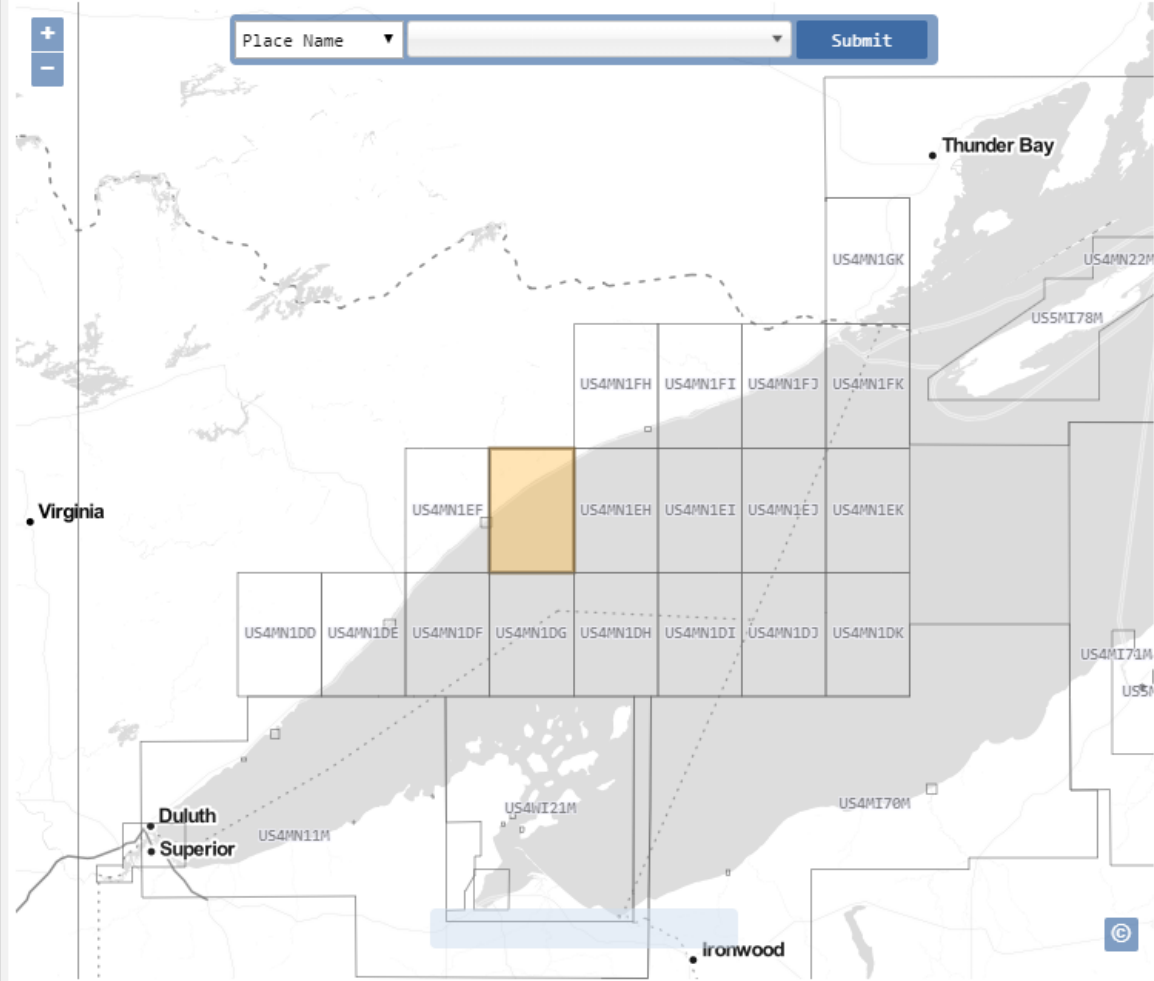
- 19 newly reschemed ENC cells in Lake Superior
- Largest scale chart coverage between Thunder Bay and Duluth
 - Paper chart 1:120,000
 - ENC 1:80,000

Chart: US4MN1EG	
Title:	Lake Superior
Scale:	1:80,000
Edition:	1.0
Published:	11/12/2019

Paper Charts (RNC & PDF)Electronic Charts (ENC)Coast PilotHelp

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Available Product Information

NOAA ENCs (ENC):
Vector files of chart features and available in S-57 format.

NOAA ENCs support marine navigation by providing the official Electronic Navigational Chart used in ECDIS and in electronic charting systems.

NOAA ENCs are updated weekly with Notice to Mariner corrections.

Map Selection Information

Chart: US4MN1EG

Title: Lake Superior

Scale: 1:80,000

Edition: 1.0

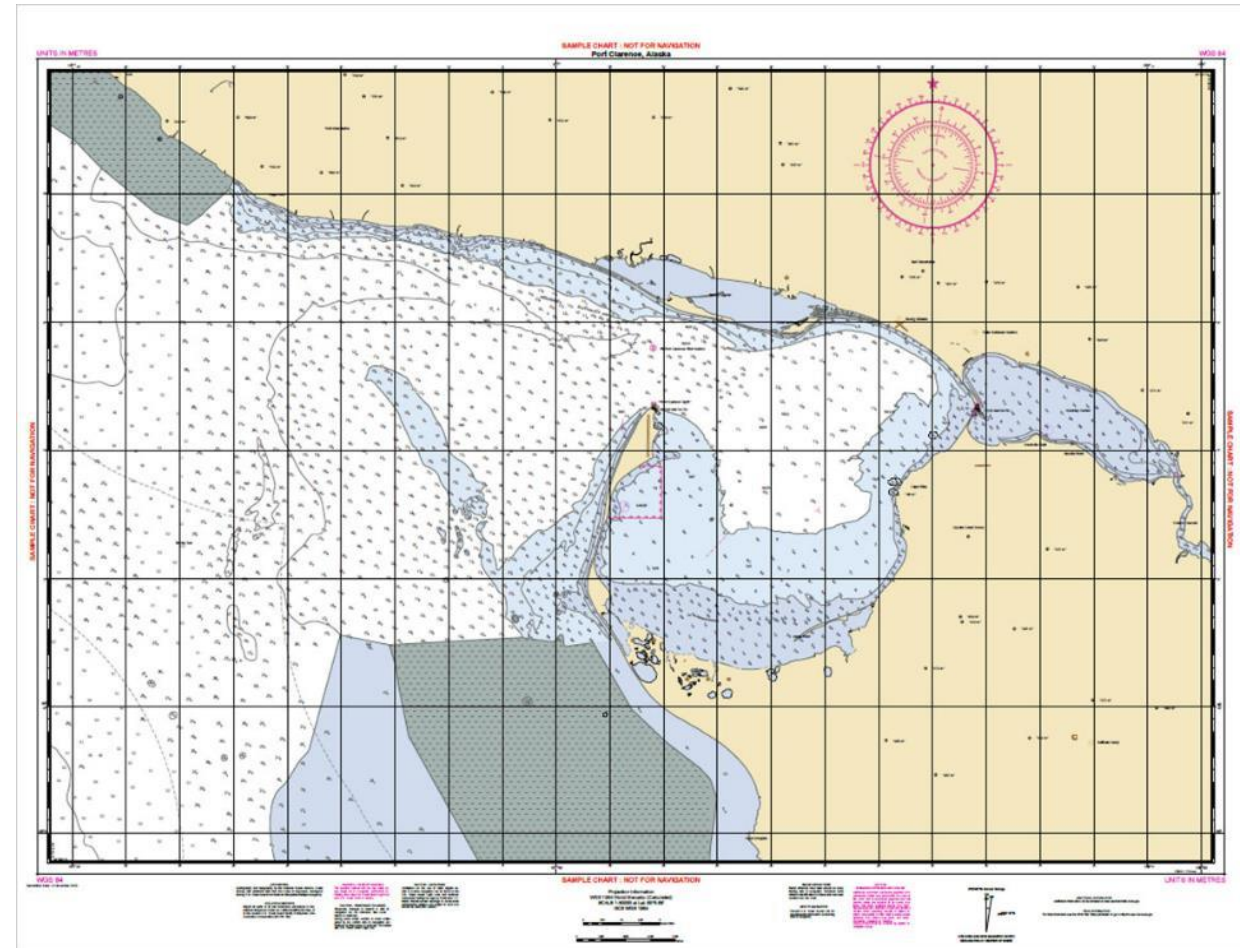
Published: 11/12/2019

Available Products

ENC



Paper Charts from ENC Data



Inter-agency Coordination



US Coast Guard – Prevention Directorate

- Marine Transportation Systems (CG-5PW)
- Office of Nav Systems (CG-NAV) & Navigation Center (NAVCEN)



**US Army Corps
of Engineers**

US Army – Corps of Engineers

- Directorate of Civil Works, Operations & Regulatory, Navigation



National Geospatial-Intelligence Agency - Source Directorate

- Foundation GEOINT, Maritime Safety Office



Committee on the Marine Transportation System

- Future of Navigation Integrated Action Team



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Sunset of Traditional Paper Chart Production

Public and Intra-Governmental Feedback Welcome



- Submit comments through NOAA's online **ASSIST** feedback tool - <https://nauticalcharts.noaa.gov/customer-service/assist>
- >450 comments received thus far

