

NATIONAL CHARTING PLAN

A strategy to transform nautical charting

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Hydrographic Services Review Panel Seattle, WA April 2017

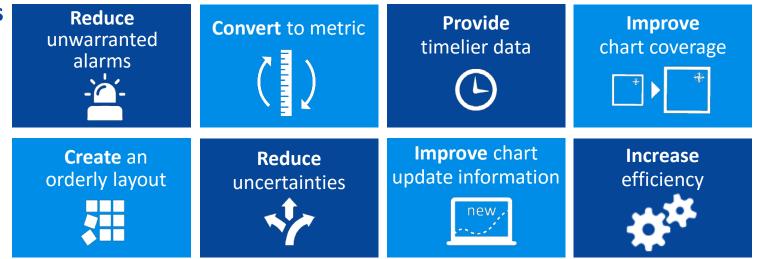
NATIONAL CHARTING PLAN

A strategy to transform nautical charting



Purpose Improve NOAA nautical chart coverage, products, and distribution

Improvements



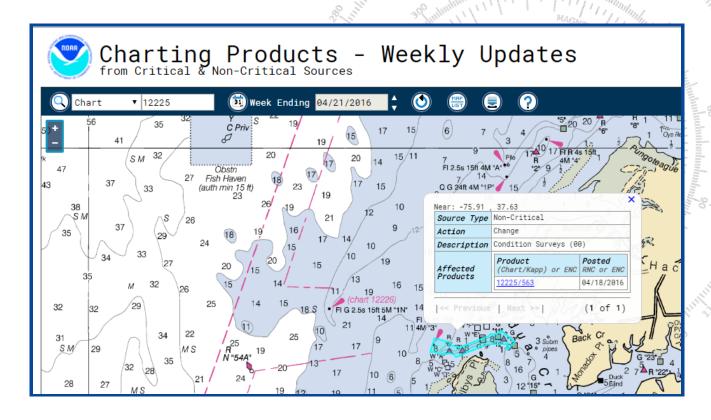
Outcome Ease of access to more precise, higher-resolution charts that deliver the most up-to-date navigation information possible

Provide feedback by June 1, 2017 https://www.federalregister.gov/d/2017-03936

Improving Chart Updates



Improve chart update information



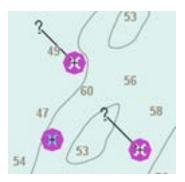




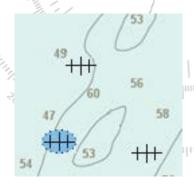




Reduce unwarranted alarms & isolated danger symbolization



ecdis display of wrecks with an "isolated danger" symbol



"Normal" ECDIS display of the same two "non-dangerous" and one "dangerous" wrecks



Provide timelier data

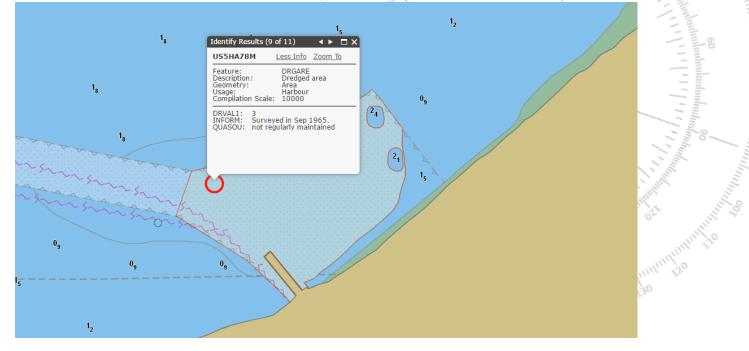
Standardization of USACE data formats





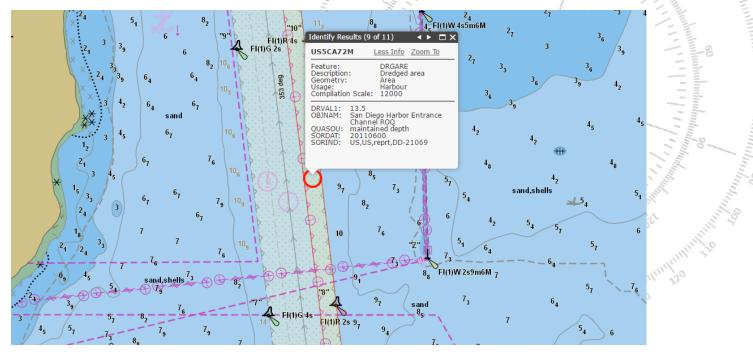
Provide timelier data

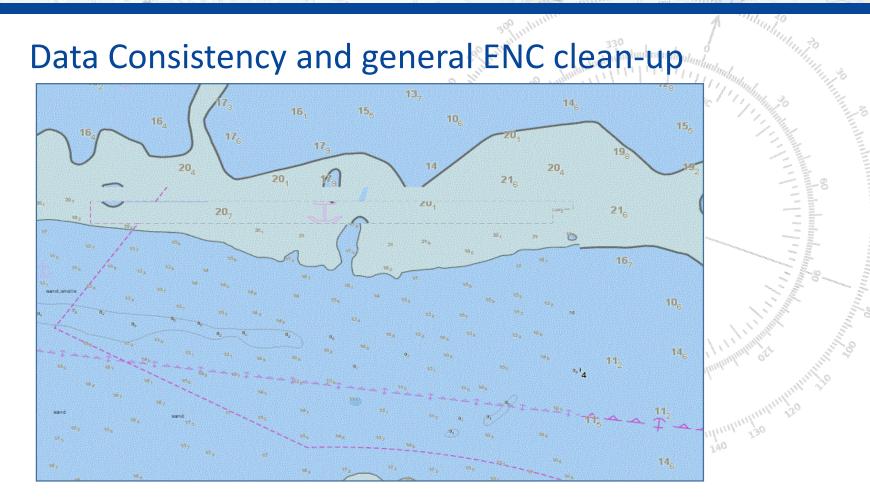
Standardization of USACE data formats





Provide timelier data Standardization of USACE data formats

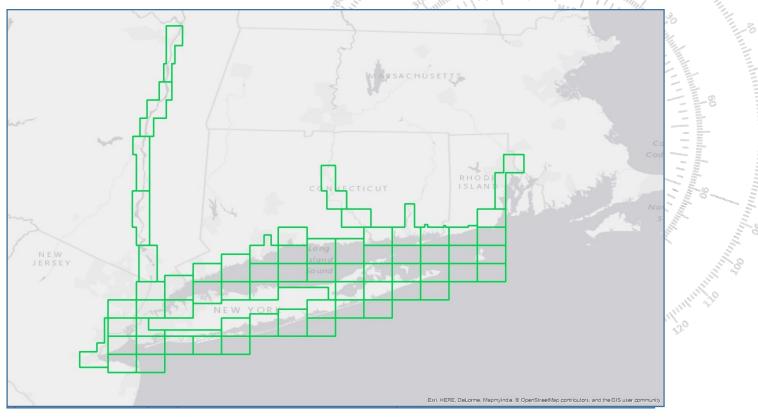




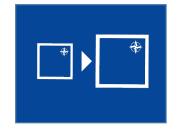
Watch Holomphon proving Commission hart Schemes



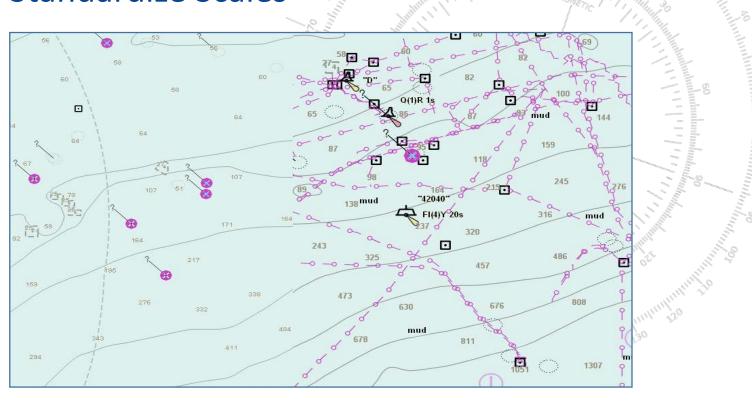
Create an orderly layout for ENCs



mproving Chart Schemes



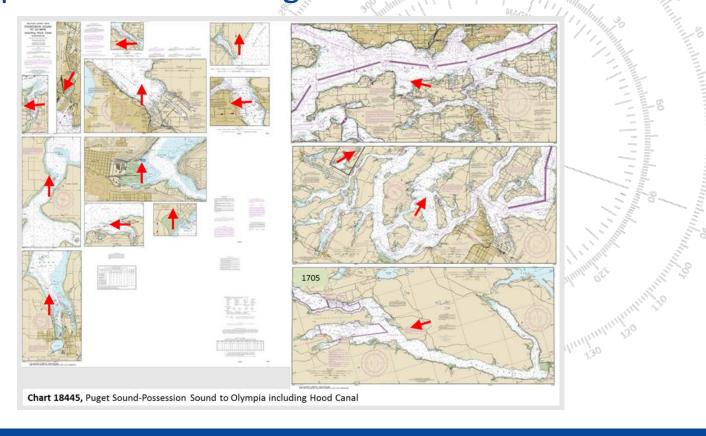
Standardize Scales



watch the proving Chart Schemes



Improve chart coverage

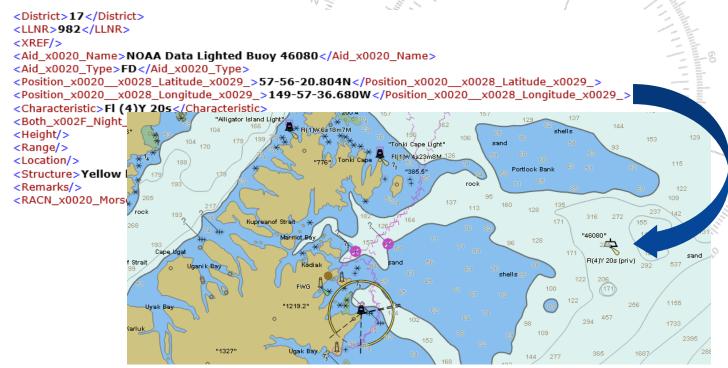


Improving Chart Production Efficiency



Increase efficiency

Direct input of USCG light list data into production



Marine Spatial Data Infrastructure

Open data policy MSDI

Electronic Navigational Chart Themes

Extracted at run time and updated weekly with latest edition ENC Cells.

Title	Source	ArcGIS Viewer	REST Service	Web Map Service	KML	Download Shapefiles	Download Metadata
Coastal Maintained Channels	ocs	.com	REST	WMS	≥ KML	data	metadata
U.S. Maritime Limits & Boundaries	ocs	.com	REST	WMS	≥ KML	data	metadata
Shipping Lanes and Regulations	ocs	.com	REST	WMS	≥ KML	data	metadata

To access the Graphical Interface, return to the NOAA ENC® Direct to GIS home page.

User Feedback

How to Provide Comments on this Charting Plan

You are invited to comment on the National Charting Plan through NOAA's Nautical Discrepancy Report System at:

http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx

Feedback may also be sent to:

National Ocean Service, NOAA (N/CS2)

ATTN: National Charting Plan

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