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

- Reduce unwarranted alarms
- Convert to metric
- Provide timelier data
- Improve chart coverage
- Create an orderly layout
- Reduce uncertainties
- Improve chart update information
- Increase efficiency

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

Charting Products - Weekly Updates from Critical & Non-Critical Sources
Improving Chart Content

Convert to metric

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
Improving Chart Content

Provide timelier data
Standardization of USACE data formats
Improving Chart Content

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Provide timelier data
Standardization of USACE data formats
Improving Chart Content

Data Consistency and general ENC clean-up
Improving Chart Schemes

Create an orderly layout for ENCs
Improving Chart Schemes

Standardize Scales
Improving Chart Schemes

Improve chart coverage

Chart 18445, Puget Sound- Possession Sound to Olympia including Hood Canal
Improving Chart Production Efficiency

Increase efficiency

Direct input of USCG light list data into production
Marine Spatial Data Infrastructure

Open data policy MSDI

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<tr>
<th>Title</th>
<th>Source</th>
<th>ArcGIS Viewer</th>
<th>REST Service</th>
<th>Web Map Service</th>
<th>KML</th>
<th>Download Shapefiles</th>
<th>Download Metadata</th>
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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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