



Memorandum

To: Mariners' Advisory Committee Members and Interested Parties -----
From: Captain Drew Hodgens
Re: Meeting Agenda – **September 11, 2025**

Your presence is requested at the Quarterly Meeting of the above-mentioned committee on **Thursday, September 11, 2025 at 1100 hours.**

Agenda

I Approval of Minutes – from the June 2025 meeting

Introduction of all in attendance

II. Reports

- | | |
|------------------------------|--|
| A. Treasurer's Report | - Capt. Rick Iuliucci |
| B. Membership Report | - Capt. Rick Iuliucci |
| C. USCG Report | - Capt. Kate Higgins-Bloom |
| D. USACE Report | - Mr. Tim Rooney, Project Manager, USACE |
| E. NOAA Report | - Mr. Ryan Wartick |

III. Unfinished Business

IV. New Business

V. Open Discussion

VI. Adjournment

Next meeting: Thursday, December 11th, 2025 at 1100 hours



Memorandum

To: Mariners' Advisory Committee Members and Interested Parties
From: Captain Rick Iulucci, Treasurer
Re: Treasurer's Report for September 11, 2025

Balance – from June 9, 2025 **\$ 19,732.56**

Deposits (June 2025- September 2025)

Total Deposits during the period **\$ 800.00**

INCOME BALANCE **\$ 20,532.56**

Disbursements (June 9, 2025 – September 9, 2025)

Popi's Restaurant	(8/28/25)	\$ 2,000.00
Popi's	(6/13/25)	\$ 4,741.25
Email service	(G-mail @ 3 months)	\$ 130.78
Email service	(Twild- \$89.95. Per month @3 months)	\$ 269.85
PNC service fees	(\$3.00 per month @ 3 months)	\$ 9.00

-
TOTAL DISBURSEMENTS (June 2025 – September 2025) **\$ 7,150.88**

BALANCE as of September 9, 2025 **\$ 13,381.68**



Navy Marine Corps 250



Sector Delaware Bay





Vessel Participation



Sector Delaware Bay



USS ARLINGTON



USS LASSEN



USS COOPERSTOWN



USS BILLINGS



USCG LAWRENCE LAWSON



USCG JAMES RANKIN



USNA YP 703-CLASS (2)



USNA MKII 44' (2)



CG Assets Supporting NMC-250



Sector Delaware Bay

COMREL Assets	Purpose/Requirements
CGC <i>JAMES RANKIN</i>	Parade of Ships/COMREL Tours
CGC <i>LAWRENCE LAWSON</i>	Parade of Ships/COMREL Tours
<i>STA Philadelphia</i>	Parade of Ships/Static Force Protection
MSRT East	COMREL Static Display/Fast Rope Demo
USCG Sector Delaware Bay	Planning / IMT Support
USCG East District	Public Affairs Support



Maritime Security Efforts



Sector Delaware Bay

09 – 16 October

Asset	Purpose/Requirements
MSST (Kings Bay)	MSRO Patrols & NVPZ Support
MSST (TBD)	MSRO Patrols & NVPZ Support
MSST (TBD)	MSRO Patrols & NVPZ Support
MSST (TBD)	MSRO Patrols & NVPZ Support
STA PHL	SAR, MSRO Patrols, & NVPZ Support
NJSP	MSRO Patrols & NVPZ Support
DNREC	MSRO Patrols & NVPZ Support
PA State Police	MSRO Patrols & NVPZ Support
Philadelphia PD Marine Unit	MSRO Patrols & NVPZ Support
Philadelphia Fire Marine Unit	Parade of Ships Water Cannon Salute/Safety Zone Support



Intel Assessment



Sector Delaware Bay

- **No specific, credible threats to Navy-Marine Corps 250.**
 - NCIS threat assessment includes general threat information pertaining to insiders and domestic terrorism, along with updates to the PHL criminal threat.
- **Intel Duty Officer**
 - (206) 820-4931
 - Marek.A.Pilarski@uscg.mil
- **Potential Threats:**
 - **PIR#1:** UAS
 - **PIR#2:** Public Transportation
 - **PIR#5:** Cybersecurity
 - **PIR#6:** Violent Extremists (HVE, DVE, REMVE) / Lone Wolf
 - **PIR#8:** Counterintelligence and Force Protection
- **Recent Suspicious Activity:**
 - **AUG-SEP25:** NTR
 - If you see something, say something!



Parade of Ships



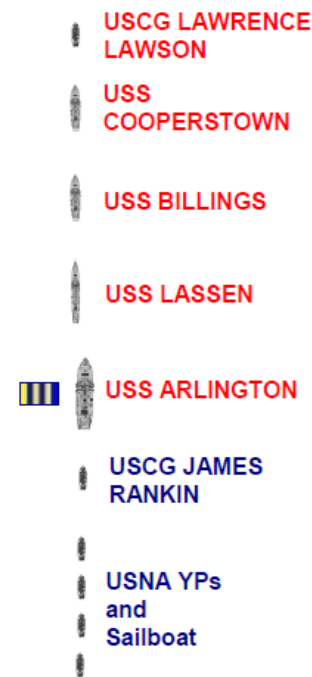
Sector Delaware Bay

- 9 October 25
 - Sunrise: 0706
 - Sunset: 1829
- ~0411: Ships Arrive at Delaware Bay Pilot Station
- ~0811: (IVO WP16): COMEX
- 0955: Parade of Ships IVO DV Viewing Area
- ~1200: FINEX

No-Go Criteria

- Visibility less than 3k yards
- Ship casualties
 - Shaft
 - Engine
 - Electrical
- Units in **red** will have 360-degree crew served weapons coverage. Units in **blue** will rely on OGA and USCG assets to enforce NVPZ

USCG Maritime Security Vessels

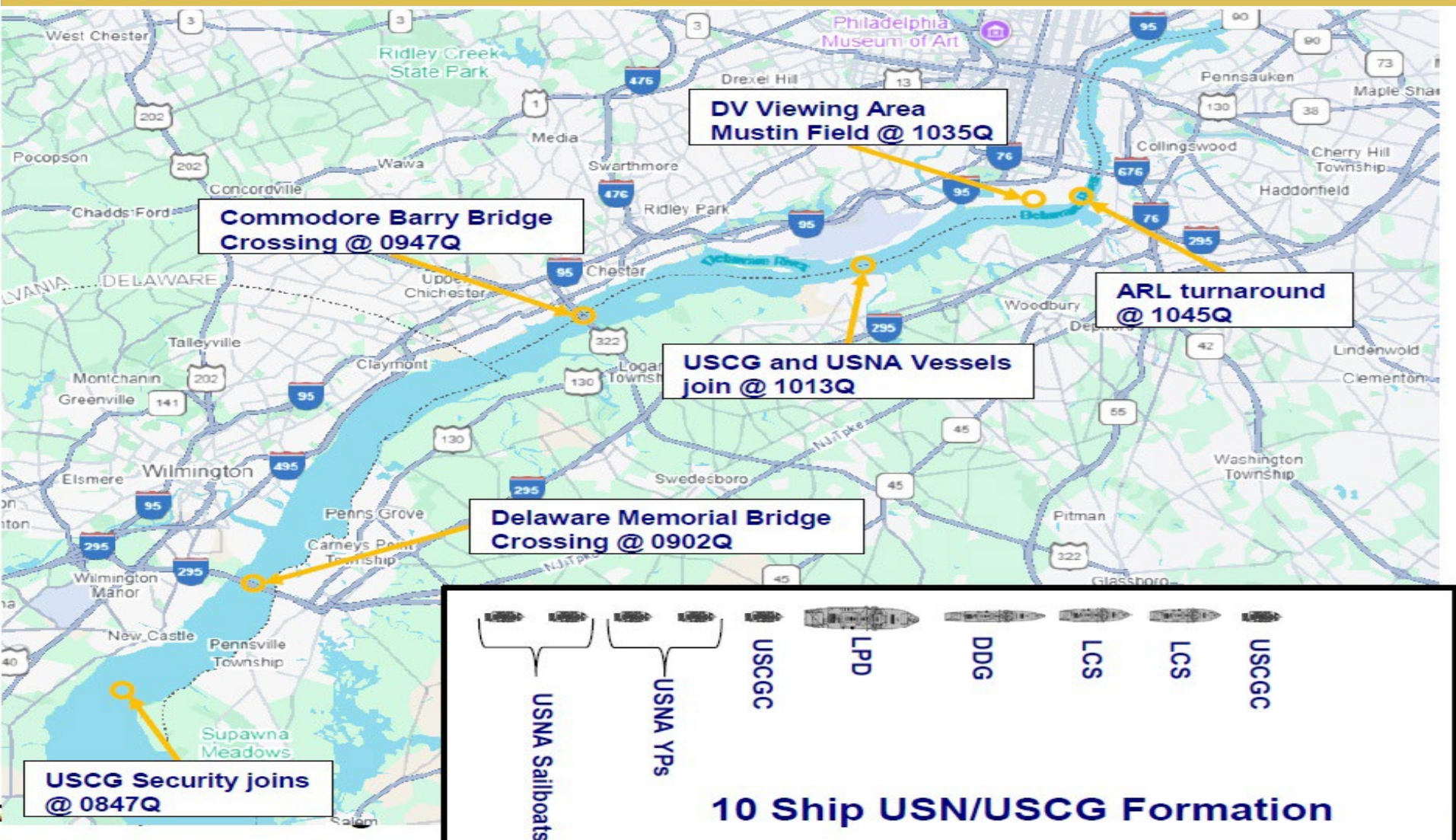


USCG Maritime Security Vessels



Parade of Ships Overview

Sector Delaware Bay

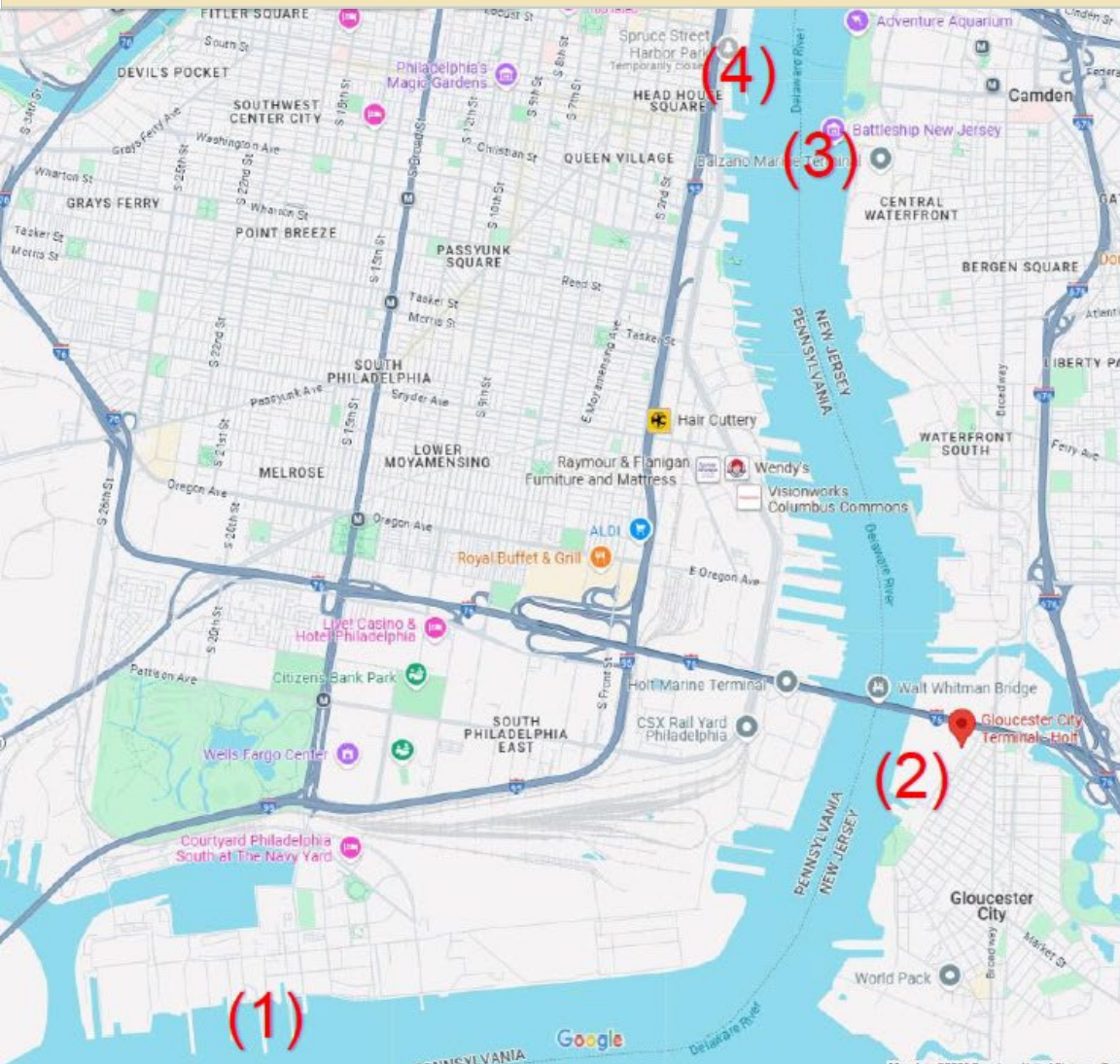




Ship Laydown (Updated 4SEP25)



Sector Delaware Bay



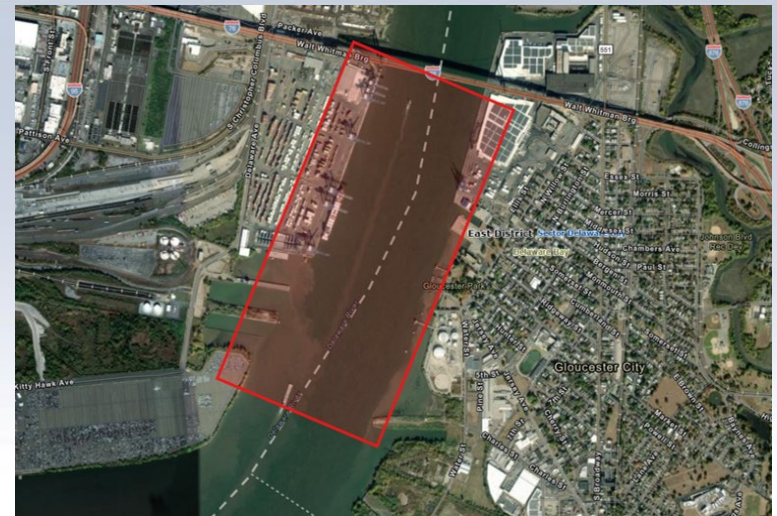
- (1) Pier 4:
West side – LPD; East side - 1
Yard Patrol craft (YP), 1 Navy
MkII 44' sailboat
- (2) Gloucester Main
Terminal: DDG at pier 8
- (3) Outboard ex-NJ: LCS
- (4) Penn's Landing:
LCS, USCG Fast Response
Cutter outboard of Buoy
Tender, 1 YP, 1 Navy MkII 44'
sailboat



Proposed Security Zones



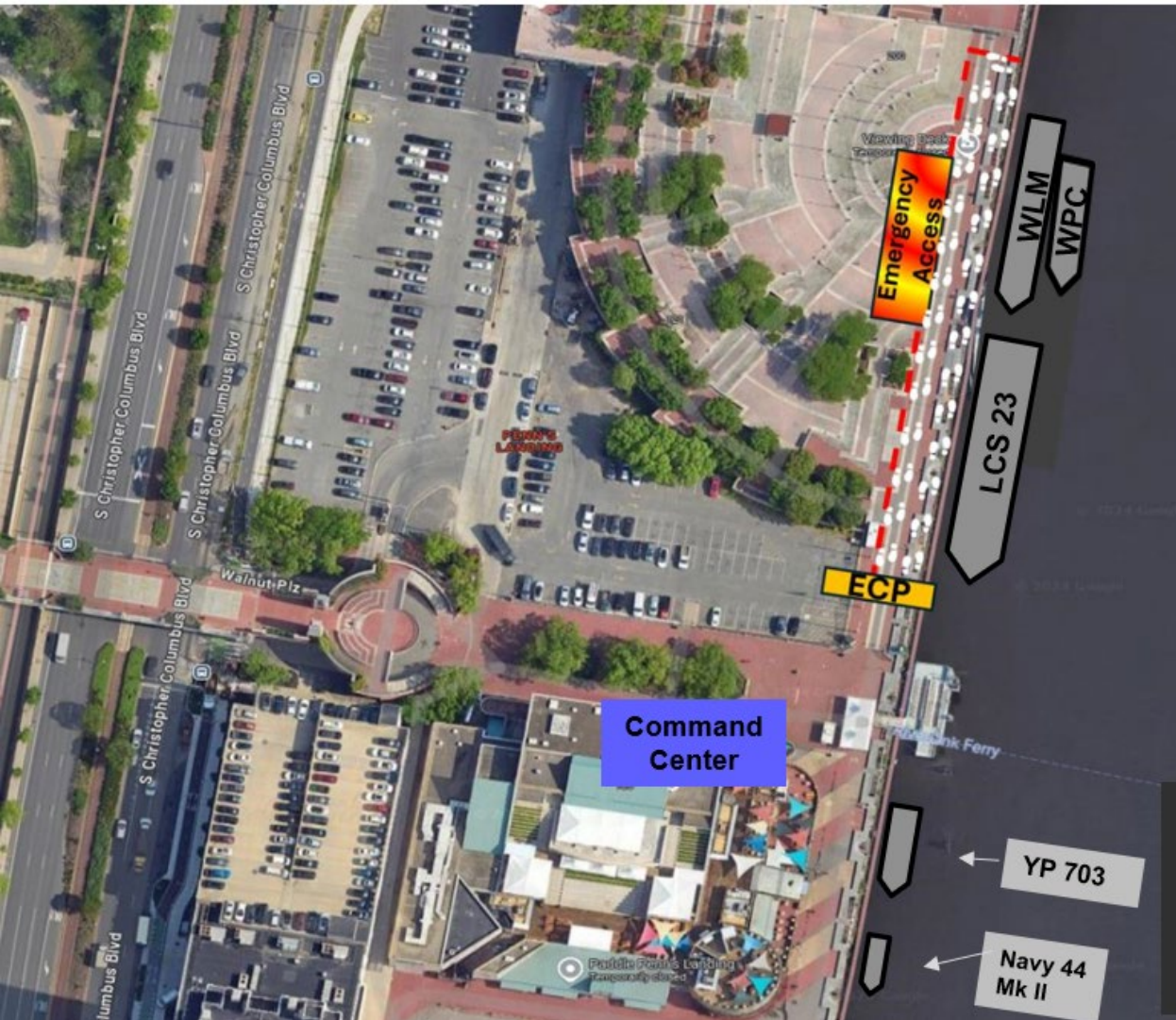
Sector Delaware Bay





Penn's Landing

Sector Delaware Bay



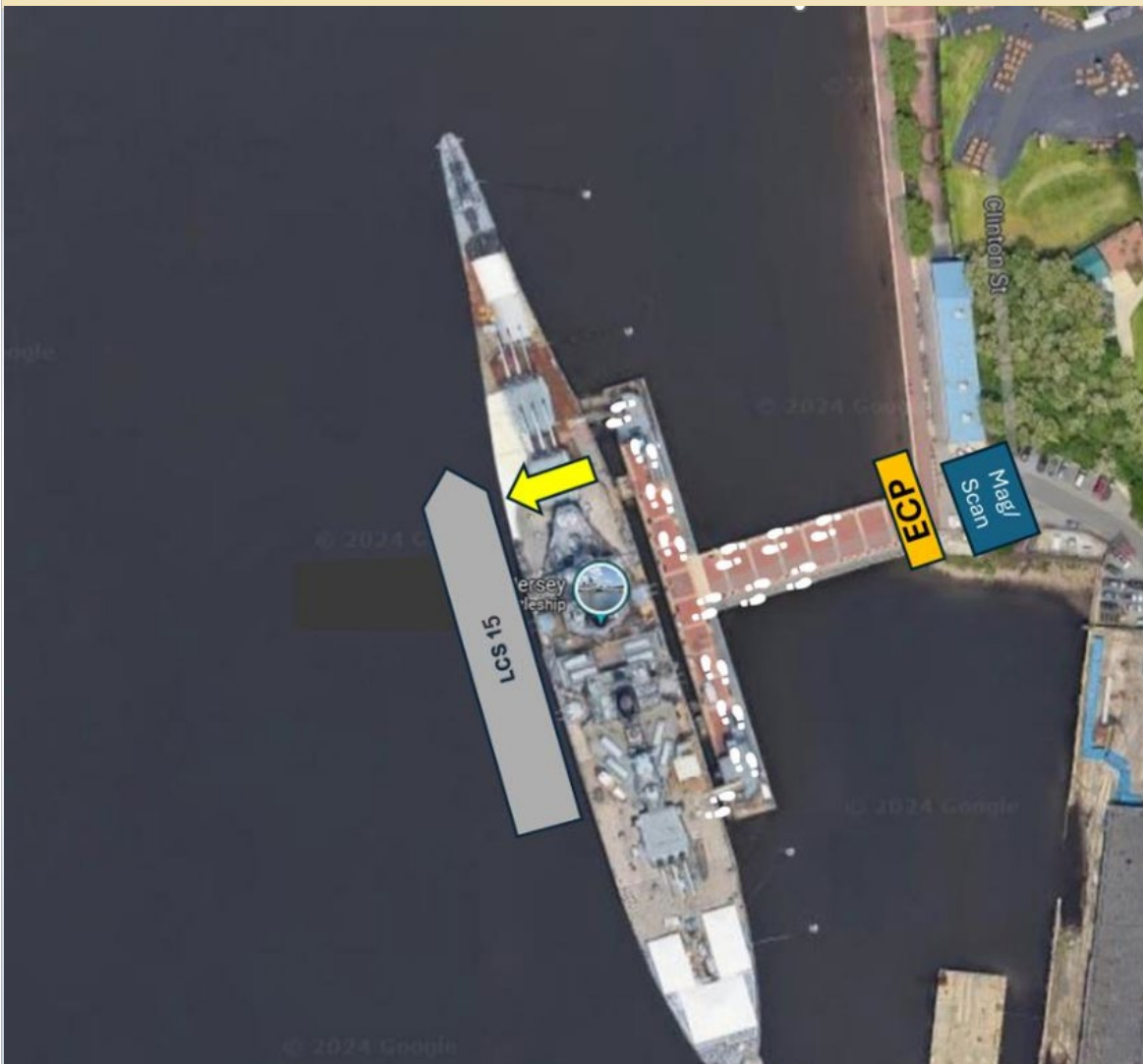
Key Points

- Area under construction and pier area is narrow
- Public screening to be held at ECP
- Parking needs to be coordinated with museum for ship and command center duty vehicles
- Main command center (24/7) is at Seaport Museum



Battleship New Jersey

Sector Delaware Bay



Key Points

- Screening to be held at museum ECP
- Parking needs to be coordinated with museum for ship and command center duty vehicles
- Minimal command center footprint at this location (Tours/FP), main CC (24/7) is at Seaport Museum
 - Need to coordinate with museum for command center/tours space



Philadelphia Navy Yard

Sector Delaware Bay



Key Points

- Screening to be held in alternate location for tours and public visitors
- Parking onsite is very minimal for ship and command center duty vehicles
- Small command center located at Urban Outfitter (manned during main tour/COMREL hours), main CC (24/7) is at Seaport Museum
- Urban Outfitter café open extended hours for NMC250



Gloucester Marine Terminal

Sector Delaware Bay



Key Points

- Screening to be held in alternate location for tours and public visitors
 - Ship LOGREQ need to have security screening equip at alternate location (same screening location as ARL)
- Parking will be onsite for ship and command center duty vehicles
- Small command center will be located on pier in trailers and manned during tours/COMREL periods, main CC (24/7) is at Seaport Museum

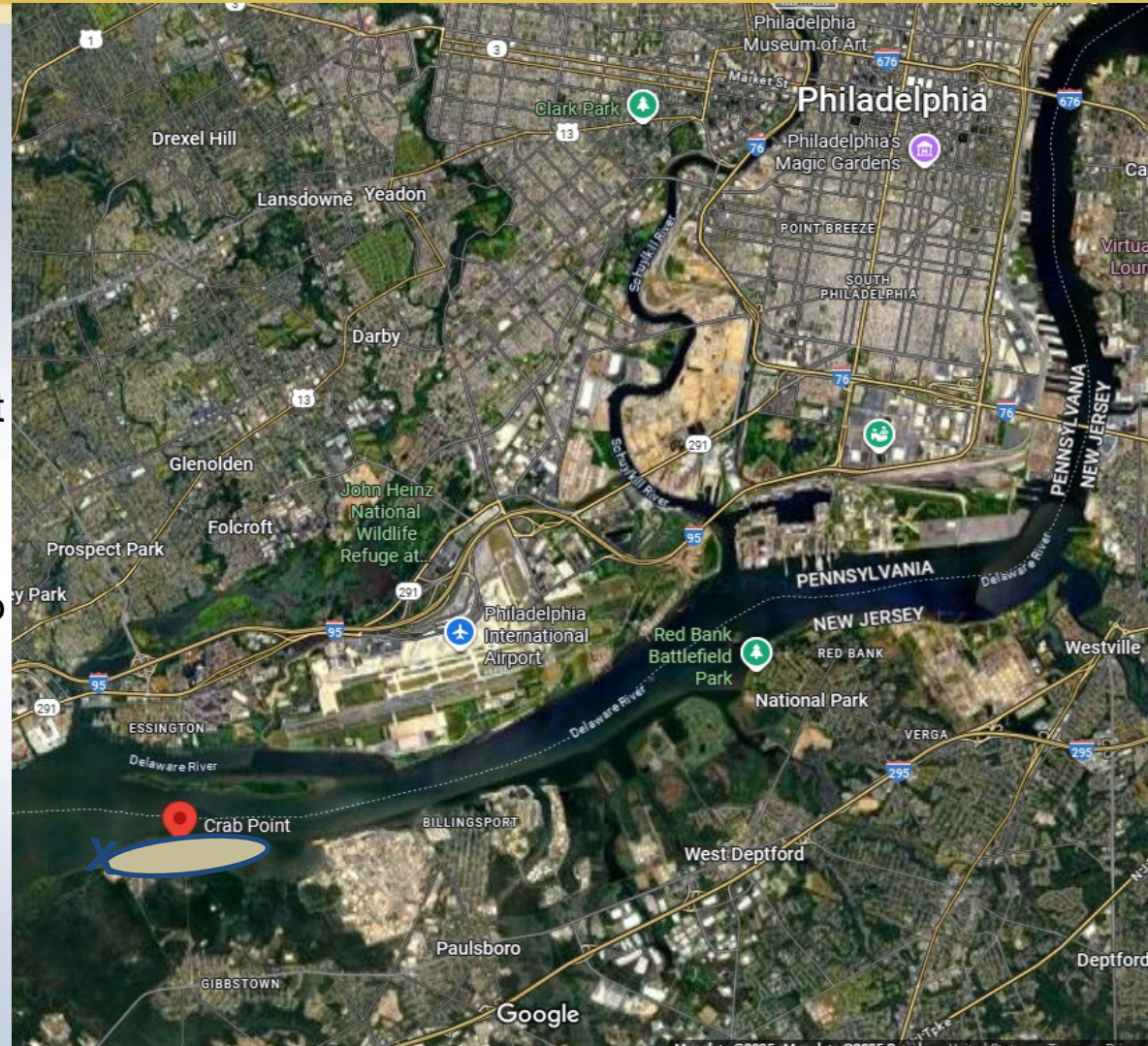


Crab Point, NJ

Sector Delaware Bay

Key Points

- NRMA Port Ops working on berthing request
- SUBLANT/SUBFOR working force protection
- SUBFOR PA handling tour/visit requests
- If berthing confirmed, need to incorporate Sailors into SOE to support COMREL events





Timeline

Sector Delaware Bay

- 29 Sep 25– OAP Due to CAPT
- 7 Oct 25 – Operations Brief
- 9-16 Oct 25 – Parade of Ships and NMC-250 Week-Long Celebration
- 16 Oct 25 - DEMOB
- TBD – NMC250 Hotwash



Sector Delaware Bay

Questions?

USACE PHILADELPHIA DISTRICT

MAC MEETING

MAC Meeting Presentation

Timothy J. Rooney, Project Manager

11 September 2025

"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."



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Delaware River, Philadelphia to Sea

- Cottrell Contracting Corporation is currently dredging the 40ft side of Marcus Hook Anchorage with the Dredge Lexington and scheduled for completion by the end of September.
- FY25 maintenance dredging is expected to remove approximately 2.5 to 3 million cubic yards of material from the navigation channel. Scheduled dredging will include Marcus Hook, Cherry Island, Deepwater Point, and New Castle Ranges. Dredged material will be placed in Pedricktown South and Delaware City DMPFs. Bid Opening is currently scheduled for September 12, 2025.
- The Hopper Dredge McFarland has dredged Cross Ledge Range and Mifflin Range this past week. The next tour is scheduled to dredge the same ranges from September 22, 2025 through October 5, 2025.



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Delaware River, Philadelphia to Trenton

The next contract for dredging between the Turnpike Bridge and Newbold Island as well as the Fairless Turning Basin is expected to be awarded to Cottrell Contracting Corp NLT 12 September with dredging anticipated to begin in mid-October 2025.

Wilmington Harbor

The solicitation for the next dredging contract is currently advertised with bid opening scheduled for September 12, 2025. The next cycle of dredging is anticipated to be conducted in the fall or early winter of 2025.



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C & D Canal

- FY25 Maintenance dredging is expected to remove approximately 500,000 cy of material from the navigation channel. Work will include the removal of material from the Upper Chesapeake, inside the Canal and at the Reedy Point Entrance. Dredged material will be placed in Pearce Creek and Delaware City DMPF. Bid opening is scheduled for September 15th.
- Summit Bridge painting and repair activities will continue through October 2026. An air gap restriction of 5ft has been issued until June 2026. Work will only be performed on half of the main span of the bridge leaving the air gap unrestricted on the other side of channel. Currently, work is being performed on the south side of the main channel.



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Ryan Wartick
Mid-Atlantic Navigation Manager
Ryan.Wartick@noaa.gov
757-268-8164



Office of Coast Survey
National Oceanic and Atmospheric Administration



- In 2022, the International Maritime Organization (IMO), amended its Electronic Chart Display and Information System (ECDIS) standard to leverage S-100 based ENC's beginning in 2026.
- S-100 ECDIS will be voluntary starting **1 January 2026**
- From **1 January 2029** new systems must comply with the new IMO Resolution on ECDIS Performance Standards (MSC.530(106))
- New ECDIS aim to be “dual fuel” capable – able to display both S-57 and S-101 for a smooth transition period.





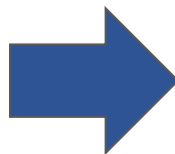
Phase 1/Route Monitoring

Phase 1 Route Monitoring Mode

- S-101 ENC
- S-102 Bathymetry
- S-104 Water Levels
- S-111 Surface Currents
- S-124 Navigational Warnings
- S-129 UKC Management

Critical Framework

- IHO Geospatial Information Registry
- S-98 Interoperability Specification
- S-100 Universal Hydrographic Data Model
- S-128 Catalogue of Nautical Products
- S-164 Test Data Set for S-100 and ECDIS Type Approval



Phase 2/Route Planning

Phase 2 Route Monitoring Mode

- S-122 Marine Protected Areas
- S-123 Marine Radio Services
- S-125 Marine Aids to Navigation (AtoN)
- S-126 Marine Physical Environment
- S-127 Marine Traffic Management
- S-131 Marine Harbour Infrastructure
- S-411 Ice Information (WMO)
- S-412 Weather and Wave Hazards (WMO)

+ S-100 Products used in Monitoring Mode



NOAA
Coast Survey

NOAA S-100 Data Products

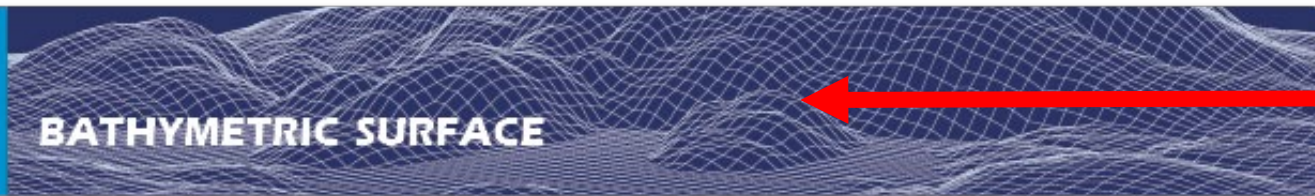
S-101

ELECTRONIC NAVIGATION CHART



S-102

BATHYMETRIC SURFACE



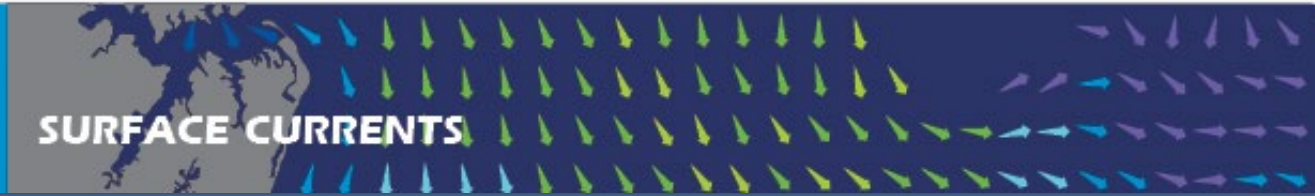
S-104

WATER LEVEL INFORMATION FOR SURFACE NAVIGATION



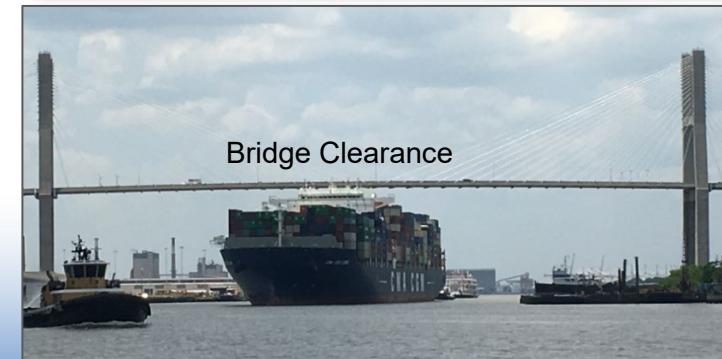
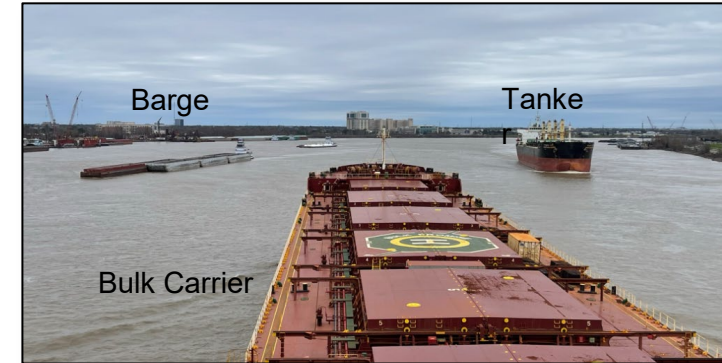
S-111

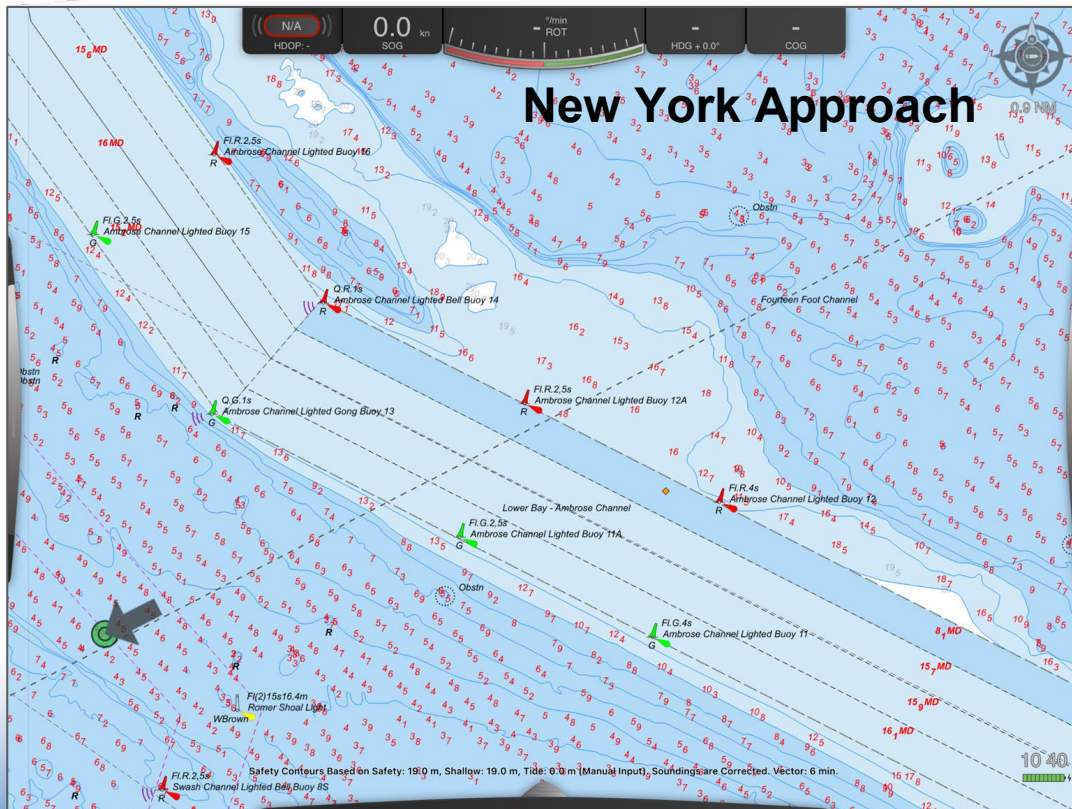
SURFACE CURRENTS



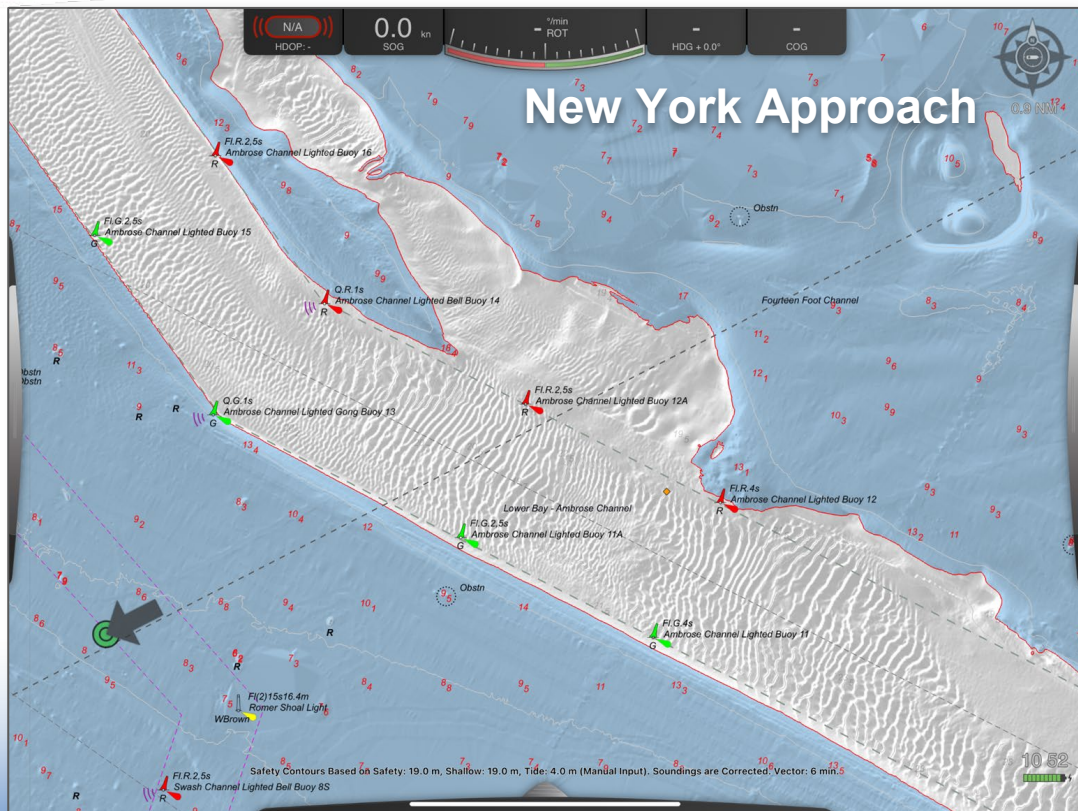


- Difficult navigation of deep draft ships in highly congested waterways
- Very tight harbors/berths
- Clearance Issues under bridges
- Demand for integrating environmental information into formats mariners can utilize to safely operate very high and very deep draft ships



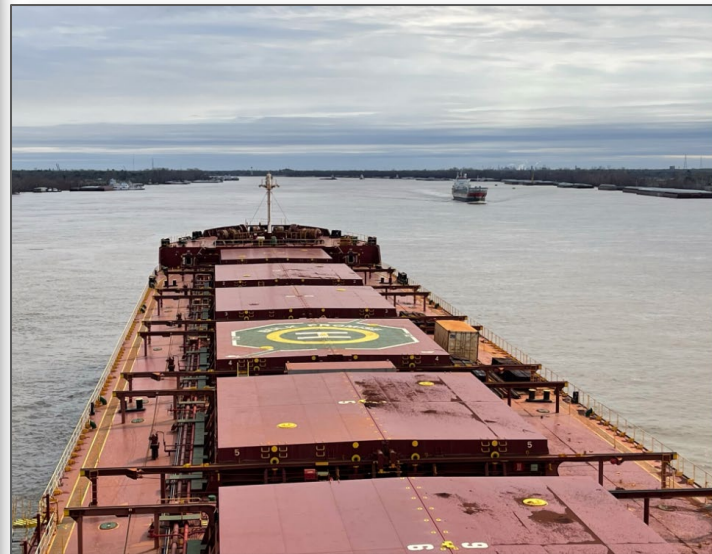


Trelleborg SafePilot - Portal Pilot Unit Display



Trelleborg SafePilot - Portal Pilot Unit Display

Integrated Water Level and Bathymetry



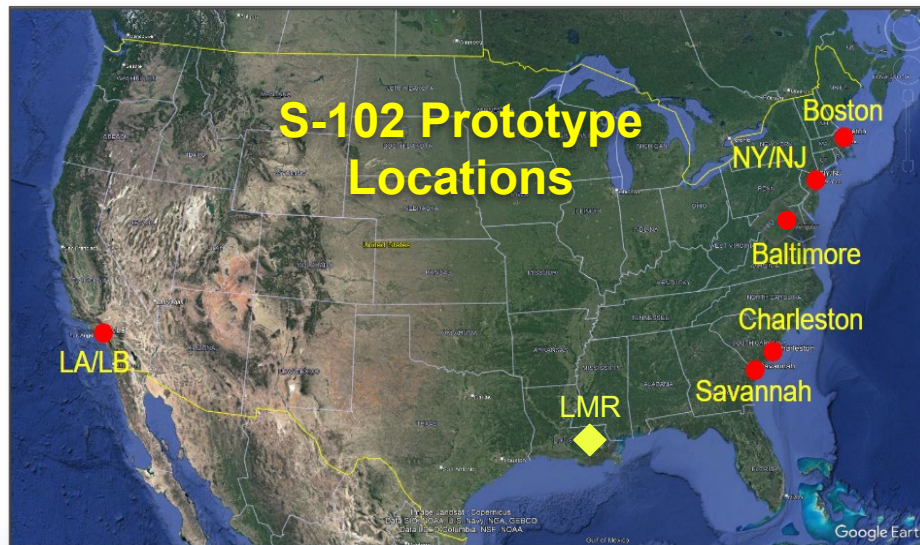
Trelleborg SafePilot - Portal Pilot Unit Display
(Potential Future Capability)



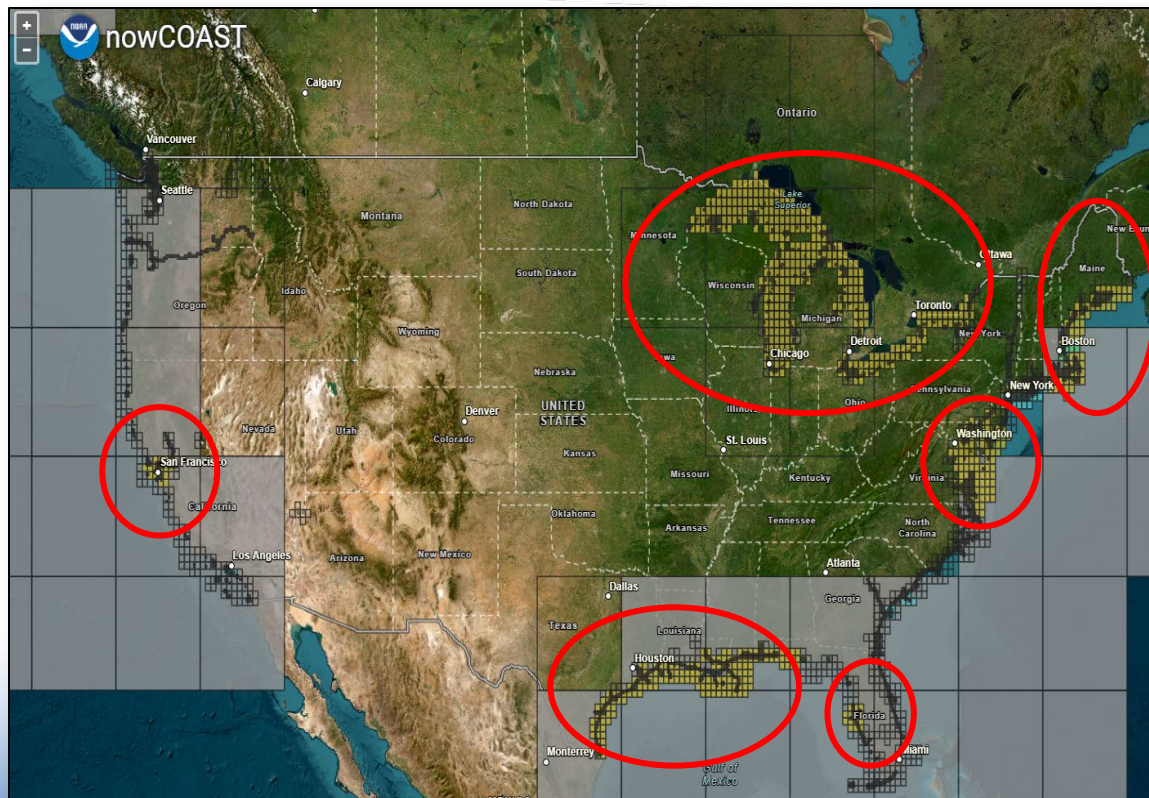
Trelleborg SafePilot - Portal Pilot Unit Display (Potential Future Capability)

Test S-102 Bathymetry Availability

- S-102 Edition 2.2.0 available in the following locations
 - LA/LB, NY/NJ, Boston, Baltimore, Charleston, Savannah, LMR



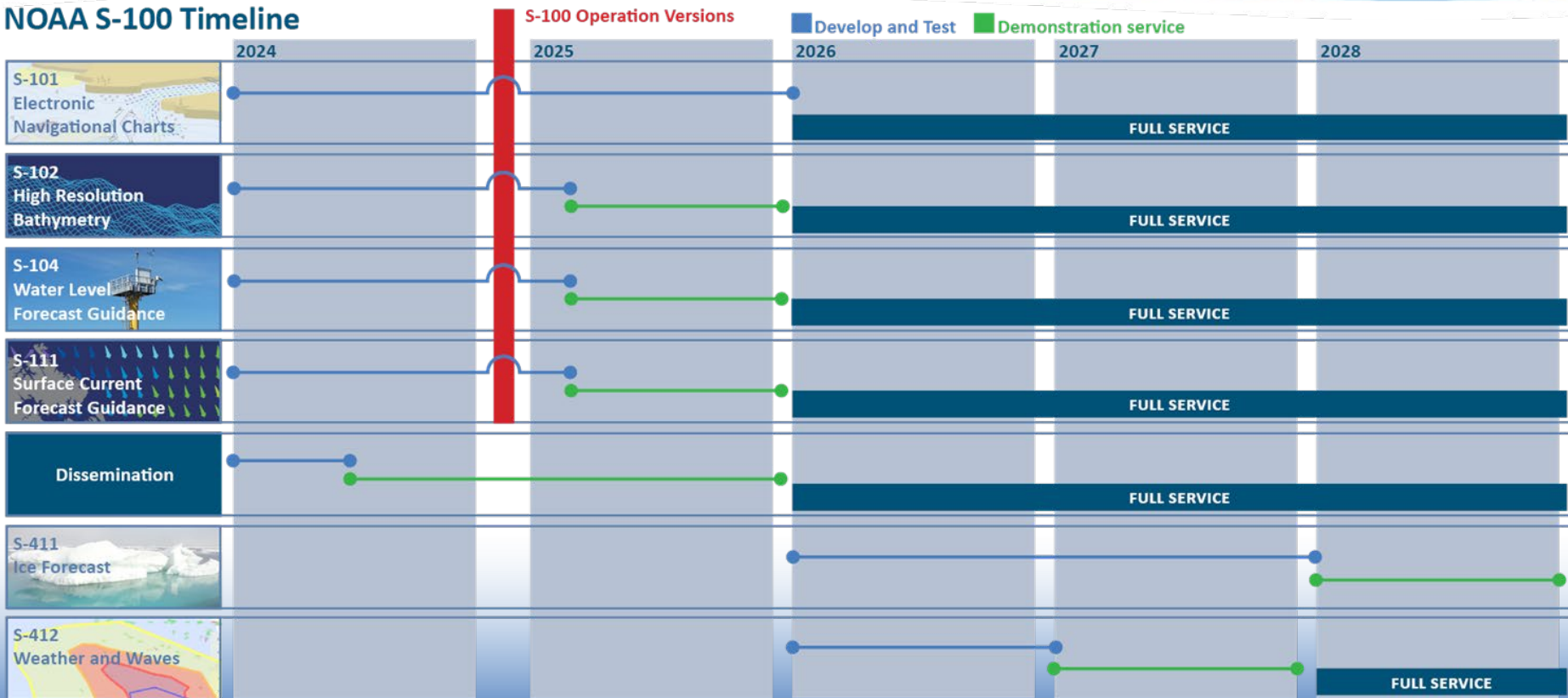
- We have test Surface Current Data in locations where we have Operational Forecast Systems





NOAA S-100 Development Timeline

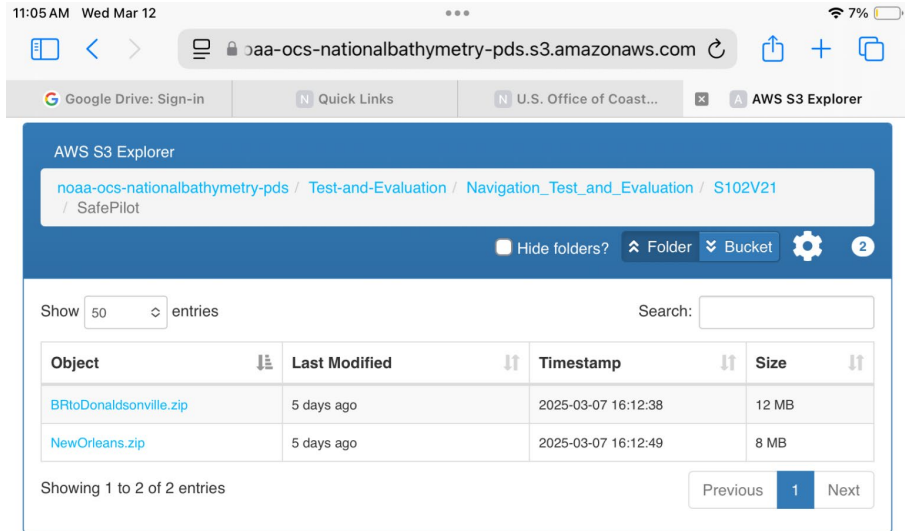
NOAA S-100 Timeline



Data is available [here](#).

SafePilot needs S-102 data in zip files.

- The naming convention of these files has been modified to support integration with SafePilot.
- Size limitations: ~18MB before performance issues are experienced.
- Trelleborg is working to improve User Experience issues with larger files.
- Want to see another area? Just let us know.



11:05 AM Wed Mar 12

aaa-ocs-nationalbathymetry-pds.s3.amazonaws.com

Google Drive: Sign-in Quick Links U.S. Office of Coast... AWS S3 Explorer

AWS S3 Explorer

noaa-ocs-nationalbathymetry-pds / Test-and-Evaluation / Navigation_Test_and_Evaluation / S102V21 / SafePilot

Hide folders? Folder Bucket 2

Show 50 entries Search:

Object	Last Modified	Timestamp	Size
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NewOrleans.zip	5 days ago	2025-03-07 16:12:49	8 MB

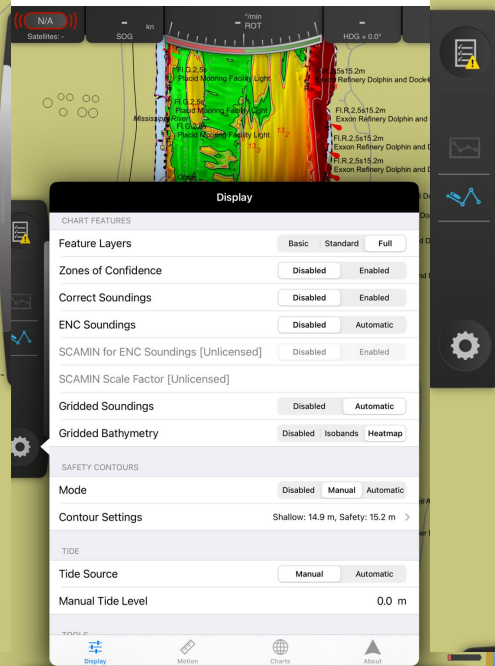
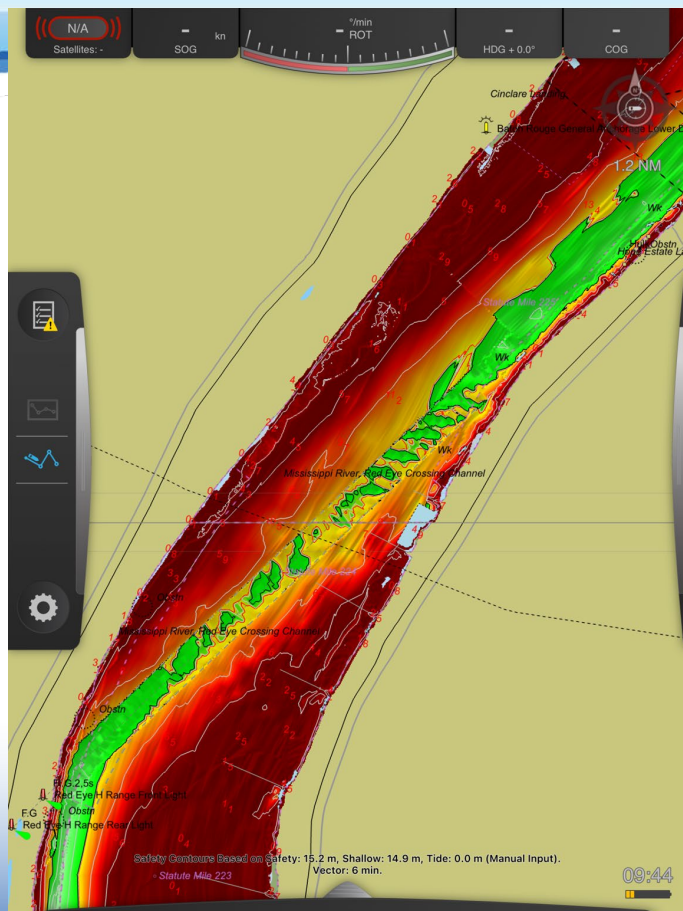
Showing 1 to 2 of 2 entries

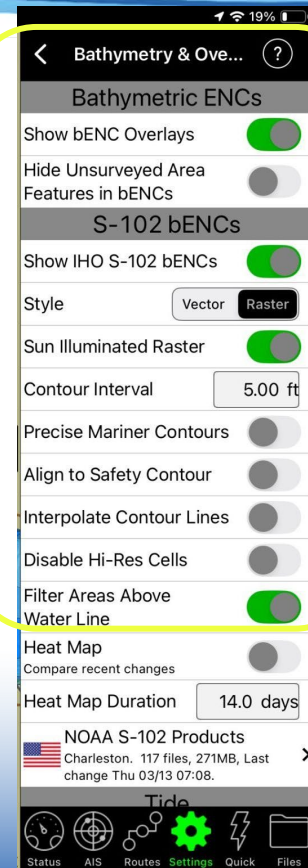
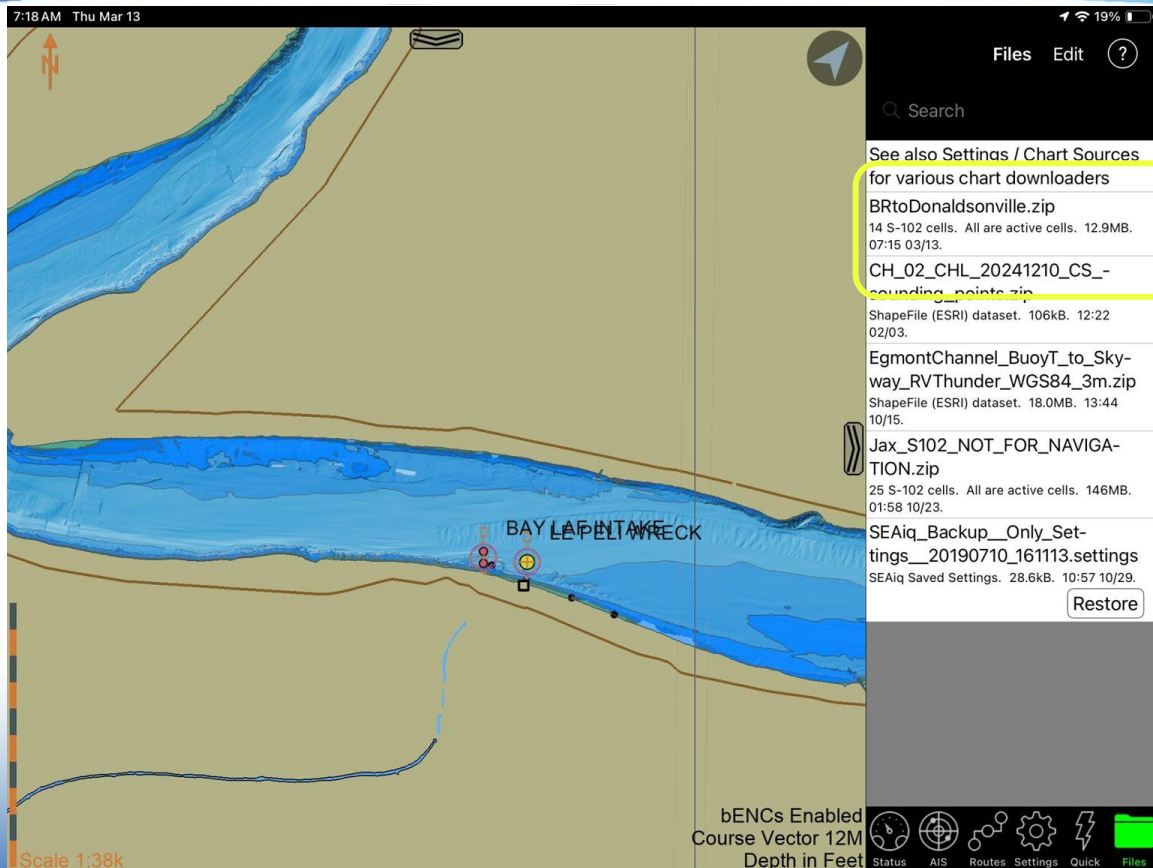
Previous 1 Next



NOAA
Coast Survey

S-102 in SafePilot







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Office of Coast Survey
National Oceanic and Atmospheric Administration