

**USCG NAVCEN GIS-BASED CHARTING APPLICATION**  
**Updates to Local Notice to Mariners and Light List Delivery**

*October 2024 to March 2025*

**UPDATE #4 March 5, 2025**

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Following the December release of the [new GIS-based charting application](#) and updates to Local Notice to Mariners and Light List delivery methods, AWO members voiced concerns about receiving and applying navigation safety updates to electronic charts in a timely and efficient manner. AWO met with NAVCEN and commercial electronic charting system (ECS) providers to discuss the changes and to ensure members were kept informed about updates to the delivery methods used to communicate critical navigation safety information.

When NAVCEN implemented their new ECS program, commercial ECS providers were tasked with ensuring their products continued to meet carriage requirements while also integrating the new features made available by the NAVCEN, which include delivery of [“Up-to-date data related to the Light List, discrepant federal aids, discrepant private aids, temporary changes, and marine events”](#). Put simply, the NAVCEN application now had the ability to update electronic charts in near-real-time when ATONs were reported to be off station, missing or damaged, or when conditions or events impacted navigation.

Following the release of the new system by NAVCEN in December, AWO members expressed concern about the potential for a gap between the new NAVCEN program features and those displayed by popular commercial ECDIS and ECS products. AWO learned that ECDIS systems were not impacted by these changes, but ECS providers that rely on NOAA ENC® and USACE IENC charts were impacted. One of the impacted programs was Rosepoint, who AWO met with to discuss their timeline for incorporating the new functions into their charting systems.

On March 6, 2025, Rosepoint confirmed that their Rosepoint ECS subscription service does now include the real-time updates. This function is a benefit for users who do not wish to use weekly Local Notice to Mariners (LNTM) and Light List (LL) document publications to update their paper or electronic charts each week, a labor-intensive operation that may not be feasible for all vessel operations.

In light of these changes, All AWO members are encouraged to verify the functionality of their ECS program to ensure compliance with carriage requirements and facilitate understanding of program functionality and ability to incorporate Navigation data, Light Lists, and Local Notice to Mariners updates released by NAVCEN, NOAA ENC® and USACE IENC.

Please contact [Liam Morcroft](#) with any questions about this update and other Electronic Charting System information.

### UPDATE #3 December 16, 2024

The U.S. Coast Guard has released its new GIS-based Local Notice to Mariners and Light List application. The new application will replace the historical weekly notices and provide vital navigation safety information with more frequent updates, as often as every 15 minutes. You can access the new app [here](#), and a user guide [here](#).

The Coast Guard plans to update regulatory guidance to reflect the transition to the new application. AWO will keep members informed as guidance is released.

Carriage requirements can currently be satisfied by maintaining the necessary publications outlined in [33 CFR 164.72\(b\)\(2\)](#) or the equivalencies outlined in [NVIC 01-16\(CH2\)](#). These publications can be updated on a per-voyage basis.

More information, including a brief 'how to' from sector, Houston Galveston, is included below. Please reach out to [Liam Morcroft](#) with any questions or concerns.

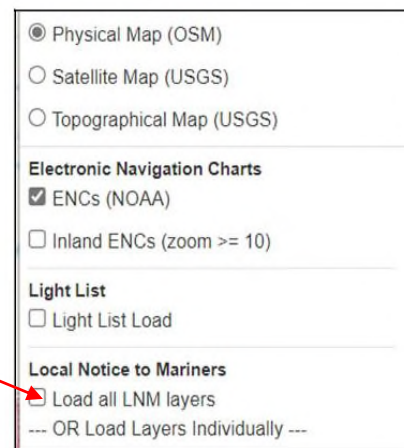
#### **BRIEF – How to Use the App:**

1. Load Page at [Maritime Safety Information Products | Navigation Center](#)

2. Select this image:



3. Select Local Notice to Mariners, "LOAD all LNM Layers"



4. Scroll/Zoom to the local area

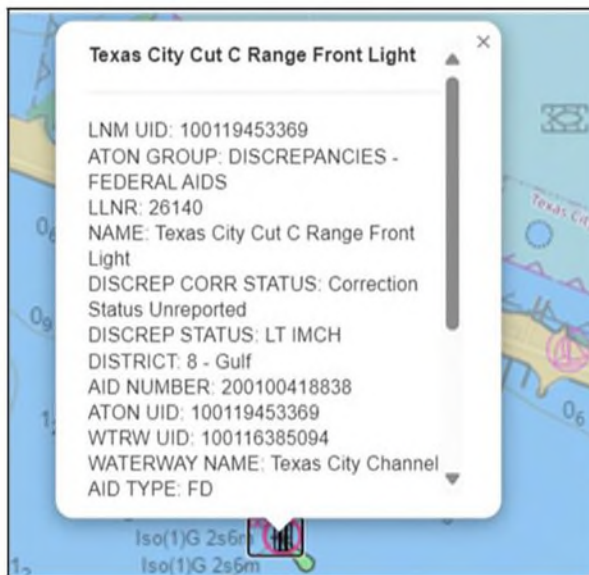
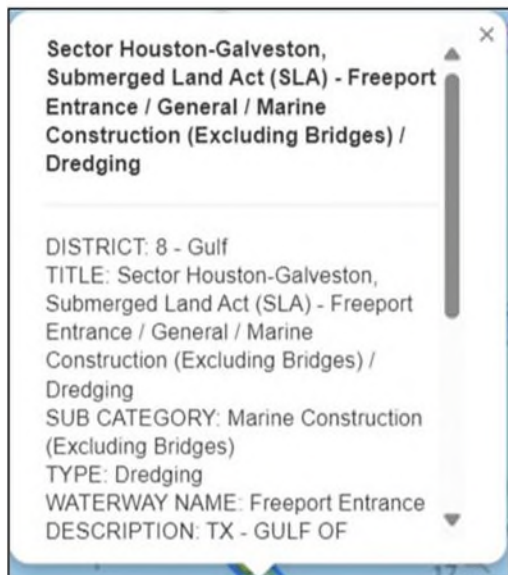


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5. Active Aton Discrep Information (DC) & Other MSI Statuses are highlighted:



6. Click on the DC Circle or highlighted area for information:



- This system replaces all the data in the legacy LNM, including Proposed Federal Aid Changes and Dredge & Construction.
- Reports can also be run for a more traditional paper version.
- Real-time data averaging less than 72 hours (requires manual entry); once entered, it takes 15 minutes for the data to display on this page.

### UPDATE #2 November 17, 2024

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AWO met with the Coast Guard last week to clarify details and timelines for a planned transition to a new GIS-based system that will change the format and delivery method for Local Notice to Mariners (LNM) and Light List (LL) scheduled to launch on Dec 2. AWO is working with the Coast Guard to ensure a smooth transition for operators and electronic chart service providers. This update adds to our AWO Member Alert issued Nov 8. This and further updates will be added to the same AWO Member Alert as new information is received.

The new system will display information on an interactive GIS (geographic-based) map that will automatically update aids to navigation (ATONs) locations and LNM information every 15 minutes. LL information will be updated every 24 hours. Operators will still have the ability to generate PDFs similar to the current LNM. However, the information is organized according to location now, rather than by chart number, as chart numbers are obsolete with the sunset of NOAA's traditional raster paper charts. There will also be options to filter information by district, waterway or by zooming in on a selected area on the interactive app. The new format and more information is available on the [USCG Navigation Center website](#).

The Coast Guard is also working on updating their chart and publication carriage regulations to reflect the sunset of NOAA paper charts and this transition to a new LNM/ LL system. We will update members on these requirements as more information becomes available. Currently, carriage requirements can be satisfied by maintaining the necessary physical publications outlined in [33 CFR 164.72\(b\)\(2\)](#) or the equivalencies outlined in [NVIC 01-16\(CH2\)](#).

AWO has not heard from any members that the new format has affected their ENC systems from being able to pull the PDFs in automatically, but some local notice to mariners may not be displayed properly until the final version is launched. When the new application does launch, ATON and LNM information will be updated every 15 minutes and Light List information will be updated every 24 hours. ENC service providers will be able to subscribe to these updates to access the information and make it available on their systems. Operators not using equivalencies outlined in [NVIC 01-16\(CH2\)](#) will still be able to print out PDF versions of this information in the new format.

Please reach out to Liam Morcroft with any questions: [lmorcroft@americanwaterways.com](mailto:lmorcroft@americanwaterways.com)

### UPDATE #1 November 4, 2024

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The USCG recently changed the format for Local Notice to Mariners. The changes may [affect certain Electronic Chart Displays' ability to automate weekly chart corrections.](#) To ensure operators are still receiving updates and necessary navigation safety information, AWO recommends operators who use electronic charts to navigate contact their service providers to ensure the update has not affected their systems.

AWO is currently in contact with the Coast Guard Office of Navigation Systems, advocating for the restoration of the legacy format to provide electronic chart service providers time to integrate the new format into their charting systems.

AWO reminds operators that they can comply with navigation publication carriage requirements outlined in [33 CFR 164.72](#) by carrying the necessary physical publications or the equivalencies listed in [NVIC 01-16\(CH2\)](#). These publications can be updated on a per-voyage basis.

Please contact [Liam Morcroft](#) with any questions. [lmorcroft@americanwaterways.com](mailto:lmorcroft@americanwaterways.com)