

Aiding Navigation through Centralizing Information Dissemination

IWR Navigation
Support Team



US Army Corps
of Engineers®



Abstract



BUILDING STRONG

- The US Army Corps of Engineers (USACE) is charged with providing bulletins or notices by our “District Engineers” on information relative to the improvement of harbors and waterways such as dredging operations, and precautions due to the presence of dredging or other vessels be brought to the attention of commercial, recreational, or governmental vessel owners or operators regularly using the waterways. The Notices To Navigation Interests (NTNI) process and website, stood up in 2015, contains navigation notices and operational policies by the USACE districts with a navigation mission. This single point of access informs mariners of events that affect waterway navigation such as maintenance projects, hazards to navigation, closures or restrictions, and other pertinent information and is a piece of the companion mariner information provided by the U.S. Coast Guard’s (USCG) Local Notices to Mariners and the National Oceanic and Atmospheric Administration’s (NOAA) Notice to Mariners Chart updates. This presentation will touch on **collaborative efforts among the Corps, the USCG, NOAA and other entities to improve one point data entry** and maximize system operability through collaborative efforts such as the US Committee on Marine Transportation interagency action teams. This presentation will also **describe real time dissemination of navigation information to users in a centralized system**, which is important for mariners utilizing the nation's waterways to identify current or planned performance and/or safety changes in waterways, and **future improvements** to the Corps notice system.



Notice to Navigation Interests (NTNI)



BUILDING STRONG

- Anything that affects navigation – dredging, maintenance, surveys – must have a notice
- Inform industry, other agencies and the public
- District Level
- 33 CFR 209.325
- ER 1130-2-520 - Chapter 2

[NTNI/notices.usace.army.mil](https://ntni.notices.usace.army.mil)



Notice to Navigation Interests Overview and Relevance



BUILDING STRONG

- History...
 - The Notice to Navigation Interests (NTNI) is the USACE national database for all navigation notices
 - NTNI has been in use for the last three years
 - EP 1130-2-520, Navigation and Dredging Operations and Maintenance Guidance and Procedures
- Today...
 - NTNI is the system of record that captures information including project or waterway name, type and category of notice, timing information, attachments and POC information.
 - Used to meet Energy and Water Development Appropriations Act, 2005, requirements



NTNI Information



BUILDING STRONG

Appendix E of EP 1130-2-520

- USACE work planned/in progress, including maintenance dredging and work on jetties and breakwaters
- Deliberate modifications to channel dimensions, including reductions in maintained depths, or changes in other significant project features
- Section 10 permit work which may impact general navigation
- Change in USACE issued navigation regulations
- Special/temporary operating restrictions imposed by the USACE
- Information for correction of USACE charts
- Advance notice of USACE chart revision publication of next edition
- Changes or corrections to NOAA-National Ocean Service-charted features



U.S. ARMY

NTNI Homepage



BUILDING STRONG



**US Army Corps
of Engineers**

*Support Hours: Mon-Fri 0830 - 1700 ET
Email: ceiwr-ndcntri@usace.army.mil*

*U.S. Army Corps of Engineers
Navigation Data Center
7701 Telegraph Road
Casey Building
Alexandria, VA 22315-3868*

[Home](#) | [Create Navigation Notice](#) | [Navigation Notices Report](#) | [Update Public Website](#) | [Archive - Policy Notices](#) | [Help](#) |

Home

User's Guide

View Archive

View Public Website

[User's Guide](#)

[Navigation Notices Archive](#)

[View Public Website](#)

POC Roster

[POC Roster](#)



Create NTNI Screen



BUILDING STRONG

NAVIGATION NOTICES - Hold down Control key to select multiple waterways and locks.

Agency Code:

Title:

Wtrwy/Chnl - **Mandatory Entry**

- GAB - ADAMS BAYOU CHANNEL
- AKU - AKUTAN HARBOR
- AL - ALABAMA-COOSA RIVERS
- NAC - ALGIERS CANAL
- AG - ALLEGHENY RIVER
- ALP - ALPENA HARBOR
- NMP - AMERICAN PASS
- NAR - AMITE RIVER
- GAN - ANAHUAC CHANNEL
- CHI - ANCHORAGE BAY

Type Of Notice:

Category Code:

Begin Date Time (MM/DD/YYYY HH24:MI): End Date Time (MM/DD/YYYY HH24:MI):

Timezone:

Scheduled: No Yes

Rich Text Editor:

Remarks:

IDENTITY

Add Notice

Navigation Notice Number:

Amendment Number:

Local Number:

Date Issued (MM/DD/YYYY):

Date Published (MM/DD/YYYY):

POC

Issuer: Alexandra.Schafer@usace.army.mil

POC:

Signature:

Print Nav Notice

Title Formatting: None Underline Bold Underline and Bold

Begin Date: Immediately

Ending Date: Until Further Notice

[Print Nav Notice](#)

ATTACHMENTS

no data found

ATTACH FILES

Attach File:



U.S. ARMY



US Army Corps
of Engineers

CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500

CHICAGO, IL 60604-1437
HTTP://WWW.LRC.USACE.ARMY.MIL/

NOTICE TO NAVIGATION INTERESTS

DATE: 05/21/2019

POC: Chicago L/D
(312) 787-4795

NOTICE NUMBER: 10232

LOCAL NUMBER:
WATERWAY: CHICAGO HARBOR

EFFECTIVE: 05/23/2019 06:00 thru 05/24/2019 14:00 CST



BUILDING STRONG

LOCK CLOSURE FOR NORTHEAST SECTOR GATE REPAIR Chicago Harbor Lock

1. Starting Thursday, May 23rd, 2019 at 0600 CST, the Chicago Harbor Lock will experience a partial closure for the repairs to the northeast sector gate due to an equipment failure. As a result, the normal lock chamber operational width of 80 feet will be restricted to 40 feet.

2. Starting Friday, May 24th, 2019 at 0600 CST, the Chicago Harbor Lock will be closed to vessel traffic for up to 8 hour until 1400 CST to complete repairs to the northeast sector gate.

3. In the event that the repairs to the northeast sector gate are completed prior to the scheduled end date, an amendment to this Notice to Navigation Interests will be posted.

4. The following link provides access to:

All USACE Notices to Navigation Interests:

<https://ntnnotices.usace.army.mil/!pwb/f?p=150:1:0:::>

5. If you have any questions/comments/concerns regarding this notice, please contract Jeffrey MacDonald, USACE Chicago Operations Technical Support Section, 312-846-5429 or Jeffrey.A.MacDonald@usace.army.mil.

//signed//

Jeffrey A. MacDonald, P.E.
Chief, Operations Technical Support Section

Example NTNI



U.S. ARMY

NTNI Public Site



®

Notices to Navigation Interests

US Army Corps of Engineers

Navigation Notices

Policy Notices

Welcome to Notices To Navigation Interest.

The Notices To Navigation Interests (NTNI Notices) website contains navigation notices and policies issued by US Army Corps of Engineers Districts with a waterway navigation mission. These documents are disseminated according to EP 1130-2-520, Chapter 2, to inform mariners of information describing events that affect waterway navigation such as maintenance projects, hazards to navigation, and other pertinent information. The notices are removed from the page seven days past the end date on the latest amendment. The site also has Policy Notices that remain in place until superseded. This site does not contain all notices such as those published by other Federal agencies. Reference: The US Coast Guard Local Notice To Mariners site at: <http://www.navcen.uscg.gov?pageName=lnmMain>

Navigation Notices

Search Notice Document,
Title, Waterways or
Attachment Name:

Go

Reset

NTNI Number (Click to Download)	Amendment Number	Begin Date (YYYY/MM/DD)	Title	Waterways	Attachments (Click to Download)
10233	-	2019/05/22	TRANSIT ADVISORY - SHOALING Lock 14 Upper, UMR 493,7-494,0	UPPER MISSISSIPPI	-
10232	-	2019/05/23	LOCK CLOSURE FOR NORTHEAST SECTOR GATE REPAIR Chicago Harbor Lock	CHICAGO HARBOR	-
10231	-	2019/05/21	CHANNEL MAINTENANCE DREDGING BIG SANDY RIVER, MILES 0.0 TO 9.0	BIG SANDY RIVER	-
10230	10110-1	2019/05/29	HYDRAULIC SYSTEM MAINTENANCE/REPAIRS NEWT GRAHAM L&D No. 18, NM 421.6	MC-KERR ARKANSAS RIV NAV SYS	-
10229	-	2019/05/21	SUSPENSE OF LOCK OPERATIONS NEWT GRAHAM L&D No. 18, NM 421.6	MC-KERR ARKANSAS RIV NAV SYS	-
10215	-	2019/05/09	INTERMITTENT DELAYS & TEMPORARY CLOSURE WILSON MAN...	TENNESSEE RIVER	-



Current NTNI Updates



BUILDING STRONG

- Internal advancements
 - Migrating to Cloud
 - CAC Enabled log in (one time)
 - Screen updates

- External advancements
 - 508 Compliance
 - Linking to External Data and Partners
 - Exploring an MOU, ISA, or Partnership with USCG to reduce duplication of notifications
 - Harmonizing waterway names



CMTS Integration



BUILDING STRONG

- Current
 - E-Navigation Strategic Action Plan
 - Future IAT - coordinated and integrated collection, processing, and dissemination of navigation data and information to provide services to stakeholders, eliminate duplication, and enhance the safety, reliability, and efficiency of our waterways and ports
 - Data IAT – Data Harmonization - Project is fully funded, phase 4 to start soon



Visualization



BUILDING STRONG

- Enhancing spatial awareness of notices: allow users to enter points and polygons or select existing facilities along with other geographical names

Performance Based Budgeting Visualization
Civil Works Business Intelligence

Select Scenario: Lock Queue Lock Status Ports & Harbors Hydropower Notice to Nav. Interests Vessels Financial Subway

Morgantown Lock and Dam Monongahela River Mile 102, Seasonal Change to Operating Hours
Hours > 2016-11-25 00:00:00 to 2017-05-01 00:00:00

Navigation Notice - Lock Chamber - 7166
Download: [Download Icon]

Morgantown Lock and Dam Monongahela River Mile 102, Seasonal Change to Operating Hours
Notice Effective: 2016-11-25 00:00:00 to 2017-05-01 00:00:00

Navigation Notices
▲ Current Notice
▲ Upcoming Notice
▲ Past Notice

RIBITS
Regulatory In-lieu Fee and Bank Information Tracking System

[Hide Google Maps] [Print] [Help on Page]

Collapsable
Home
Mitigation Concepts
Banks & ILF Sites
ILF Programs
Umbrella Instruments
Reporting
Bank & ILF Establishment

Reports: 1 Primary Report Rows: All
Actions Expand Report

Program Name	District List	Status
Across State & Fish Dept. ILF Mitigation Program	Los Angeles	Approved

1 - 96 of 96

Google Map
[Roads] [Borders] [Counties] [USACE Districts] [HUC 8] [Service Areas]

Virginia Aquatic Resources Trust Fund CH-11 - Fortress - VARTF

US Army Corps of Engineers. All Content Final IP Pending IP Emergency WRDA DWHS AJD Secti

dredge Filter by District: —LRD-Great Lakes and Ohio River Division

Displaying 1 to 5 of 5 matching actions

DA Number: LRE-1988-162261
District: Detroit (LRE)
Project Name: McPhail - Dredge, Etc.
Applicant: Daniel McPhail, Tom McPhail

USACE Regulatory Contact Information
Mailing: Detroit District
477 Michigan Ave, Room 603
Detroit, MI 48226-2550
Phone: 313-226-2218
Web: District Regulatory Web Site

DA Number: LRE-1986-102921
District: Detroit (LRE)
Project Name: Czopek - Structure Removal, Dredge, Seawall, Boat Lifts, Docks & Boathouse
Applicant: Gary Czopek, Paul Patyi

DA Number: LRE-2019-00050-16
District: Detroit (LRE)
Project Name: Kergan - Dredge & Pier
Applicant: Ted Kergan

Trusted



Current Endeavors



BUILDING STRONG

- Collaborate with Federal Agencies:
 - U.S. Coast Guard - Notice to Mariners
 - NOAA – Notices to Mariners Chart Updates
- Continuing Education
- Site updates
- Visualizer



Thank You



BUILDING STRONG

Alexandra.L.Schafer@usace.army.mil