



JUNE 2013

**Getting your Underway
Program into full
swing!**

Navigation Systems Newsletter



Help get the word out!

USCG AUXILIARY
NAVIGATION SYSTEMS
978-263-3023
FrankJLarkin@verizon.net



2013 CU-Chart Updating Program Progress

The 2013 Chart Updating Reports Programs have started. This score card will be published periodically to show the progress with each Division's programs.

Chart Correction Program Score Card

DIV	Projects Pending	Reports Submitted to date	Chart Corrections Made	Unauthorized PATONs Submitted	Unauthorized aids updated to the PATON System	Comments
1	0	1	23	0	0	Division 1 was able to get 22 Aquaculture PATONs deleted this month because they were located in a location that was not accessible by recreation vessels. There was a small falls below this area that navigable at only high water with a bridge above the falls that was impassible at high water. The owner of the facility stated that the only boats in the area were wormers and clammers with no other boating traffic. ADSO-NS <u>Tom Sawyer</u> is reviewing all of the "Unauthorized" aids in the Division 1 area which will make a major charting change in this area's charts when we get these aids properly documented later this year. What a great start for the 2013 season.
2	13	0	0	7	7	ADSO-NS <u>Tom Raynor</u> continues to develop the new "Unauthorized" PATON Database. We expect to start loading the aids that have already been identified throughout the District in a few weeks. Our thanks go out to Tom for his fine work that he is fitting into a busy schedule as he tries to get his new boat ready for the season. Seven previously unauthorized PATONs in So. Bristol Gut and Christmas Cove are authorized and established. Sean Skillings is working with Ron Doescher to develop a list of Small Craft Facilities in their area.
3	32	0	0	0	0	<u>Ron Doescher</u> has taken on the task of organizing all of the potential Small Craft Facilities located on the Boston to Portsmouth Small Craft Chart. Ron and the DSO-NS, <u>Frank Larkin</u> , are working on a project to also update and Small Craft Facility Training materials. The Small Craft Facility Training Guide has been updated and the SCF PowerPoint Training presentation is being updated and voice over commentary are being developed for use for self-training and local SCF training sessions got this program. These updated documents will present a scheme and process for operating an effective SCF Program in your area. A program review meeting is scheduled for Thursday, June 6 th in Newburyport, MA. All of the Divisions in First Northern will benefit from this work.
4	88	0	0	0	0	Need to schedule a Division 4 Chart Updating Team meeting and assign a Division Team leader. There is a lot of potential CU work to do in this AOR.
5	33	3	3	0	0	Need to schedule a Division 5 Chart Updating Team meeting and assign a Division Chart Updating Team leader for this AOR.
6	0	0	0	0	0	Need a volunteer to step up to become the Division Chart Updating Program Team Leader for this AOR. We also need to identify all potential chart updating projects for this AOR including SCF, CU and Unauthorized PATONs.
7	5	0	5	0	0	Div. 7 has an on-going program. A major project, Borden Light Marina, will be submitted next week.
9	0	0	0	0	0	There are no NOAA charts in this AOR. Auxiliaries are helping out in other divisions.
10	0	0	0	0	0	Need to schedule a Division 10 Chart Updating Team meeting and assign a Division Chart Updating Team Leader for this AOR.
11	27	2	2	0	0	Need to schedule a Division 11 Chart Updating Team meeting and assign a Division Chart Updating Team Leader for this AOR.
12	65	0	0	0	0	Need to schedule a Division 5 Chart Updating Team meeting and assign a Division Chart Updating Team leader for this AOR.
TOT	233	6	33	7	7	

We are looking for volunteers throughout the District to start working on these 233 CU and SCF projects. We are looking for Division leaders to step forward to coordinate the CU and SCF work that will be dispatched to their AOR. Contact the DSO-NS 013 if you want to participate in this Chart Updating program.

2013 Aid Verifier Workshop Presentations are now available on the Aid Verified Web Page on the Navigation Systems Web Site at www.uscgaan.com.

AV Workshop Presentations

[WS 1 - Navigation Systems Goals and Objectives with Commentary \(2013\)](#)

[WS 2 - NS-PN02 33 CFR - Part 66 – Private Aids to Navigation Presentation with Commentary \(2013\)](#)

[WS 3a - NS-PN10 NS Operation Guide Presentation with Commentary -1 \(2013\)](#)

[WS 3b - NS-PN10 NS Operation Guide Presentation with Commentary \(2013\) 2](#)

[WS 5 - Is this PATON Watching Properly with Commentary \(2013\)](#)

[WS 6 - Using an Accuracy Statement Presentation with Commentary \(1-27-2013\)](#)

[WS 7 One Page Verification Report - Back Page](#)

[Vertical and Horizontal Error Calculator](#)

Before you start verifying any PATONs this year, please review these presentations to get updated on the many changes to the PATON System this year. All of these presentations now have voice over commentary. Just click on the speaker icon on each training slide. Here are some important points to remember.

- The PATON Schedule is now part of the PATON System and there are restrictions on the PATONs that you should verify this year. Only **verify** the PATONs that are listed on the Check Out List that appears when you log on the PATON System.
- When you are working within a Patrol Area, also **check** all of the **Federal** and **unscheduled Private Aids** in that area but only report those aids that are observed as discrepant.
- Also, search each Patrol Area for “**unauthorized**” aids to navigation. For now, just list the Unauthorized Aids. There will be an **Unauthorized PATON System** coming out soon where you will be able to formally enter these aids. **Our goal is to list every Unauthorized Aid in First Northern this year.**
- **Survey** every Class I, II and III bridges in your Patrol Area.

Aid Verifier Training continues through August.

Please pass the word to your members.

- [Home](#)
- [What's new in ATON](#)
- [Most Popular](#)
- [OpenCPN](#)
- [WebEx Training](#)
- [GoogleEarth](#)
- [F.A.Q.](#)
- [Aid Verifier \(AV\)](#)
- [Bridges](#)

Navigation Systems WebEx Training

The NS Team has established two scheduled training sessions held on the 1st and 3rd Tuesday of every month from 2000 hours until 2200 hours.

You are allowed to connect at 1950 hours on the day of the presentation. Anytime before 1950 hours or after 2200 the link is disabled.

**To join a training session
click on the appropriate link below**
**Note: Link is active at 1950 hours on day of
presentation**

1st and 3rd Tuesday's of the Month

To access this training, log on to the Navigation Systems Web Site at www.uscgaan.com and click on the WebEX Web Page shown above and follow the instructions for logging on to the AV Training Session.

Navigation Systems AV Training Schedule

Available from your home using WEBEX on your personal computer on Tuesday evenings at 7:50 to 10:00 pm. Session is open to all Auxiliarists, especially AVC candidates and existing AVs who want to update their AV skills.

Date	Event	Details
July 2 CHANGE	AVC Training Session 4 – BRIDGES	Understanding CFR 117 – Bridges (Q&A), Typical bridge discrepancies. How to perform a bridge survey; how to report a Bridge Specification Update; How to report discrepancies on a bridge are all explained.
July 9 CHANGE	AVC Training Session 5 – OPERATING GUIDELINES FOR VERIFYING A PATON and FOR CHECKING AN ATON and an UNSCHEDULED PATON	The requirements for verifying a “lateral” aid to navigation are explained as well as the process for checking a Federal Aid and an “unscheduled” Private Aid. How to properly take a fix and a depth. Also the special maneuvering techniques needed to achieve the required accuracy when fixing a lateral aid to navigation.
July 30 CHANGE	AVC Training Session 6 – HOW TO USE THE WEB-BASED PATON SYSTEM and the NON-PERMITTED PATON REPORTING	The full use of the on-line PATON System will be explained and demonstrated. You will learn how to logon, how to register, how to submit a PATON application, How to determine what PATONs are scheduled for your PATROL Area, How to prepare and submit a 7054 AV Verification Report, How to submit discrepancy photos and How to report your NS activity to AUXDATA.
Aug 6	AVC Training Session 7 - HOW TO ACCESS AND DOWNLOAD FREE ON-LINE OPEN/CPN NAUTICAL CHARTS WITH YOUR PERSONAL COMPUTER	Every Operational Auxiliarist should take this training. <i>Learn how on-line Open/CPN charts can enhance the accuracy of your GPS fixes, waypoints and routes.</i> This training is a must for establishing waypoints and routes accurately, for proper chart update reporting and for fixing positions on a NOAA chart. With an inexpensive GPS attachment for your computer and this training, you can convert your PC to a chart plotter that tracks your boat’s position, waypoints and routes while underway. New members, boat crew and coxswains, Aid Verifiers and AV Candidates can benefit from this training.

The Navigation Systems Staff Activity Calendar for June, 2013



For June

Your Navigation System Program plan should be in full operation at this time – PATONs, ATONs, Bridges and Chart Updates...

Note that there are many major Operational activities this year that can disrupt the availability of OPFACs and Coxswains. Plan to get your underway projects completed early – particularly for the PATON program.

Continue to encourage your AV volunteers to perform their assigned PATON and Bridge verifications.

Encourage your non-AV volunteers to perform Chart Updating and Small Craft Facility updating by joining the Division Chart Updating Team.

Get interested ATON volunteers underway on OPFACs for on-the-job training on Federal Aids and Bridges.

Review the contents of this NS Newsletter and pass the information along to your members.

Make a Navigation Systems Report at your Monthly Meeting. Pass a copy of your report up the chain – FSO to SO, SO to ADSO, ADSO to DSO.

Provide a brief ATON/PATON Program training session at your Flotilla and/or your Division Monthly Meeting for the benefit of the BC members as part of your 2012 ATON Program. Communicate how they can assist us this summer.

Advise your members of the availability of the scheduled on-line WebEX Training opportunities by alerting your members that a new AV Qualification Training program is in process. They can become qualified AVs by August,

Start forming your Division Chart Updates Team.

There are a lot of potential chart corrections available.

Start your CU Program with the easy projects.

To all in Prevention – UNINSPECTED PASSENGER VESSELS

Many times, in the performance of your duties, you may come across an Uninspected Passenger Vessel (6 Pack) that is in need of a safety check, similar to a VSC on a recreational vessel. Benny Peters, DSO-UPV has put together an excellent brochure that explains to any UPV Captain what exactly an Uninspected Passenger Vessel check is, why it is necessary and how to get in touch with a UPV examiner.

Please pass this information on to your members and suggest that they have a few of these brochures on hand in PE Classes, VSC's or while underway where these UPV captains may be located. Contact Benny Peters at: bpuscgaux@charter.net.



How to Survey a Bridge

Section 1 covers Bridge Lighting and Safety Equipment.

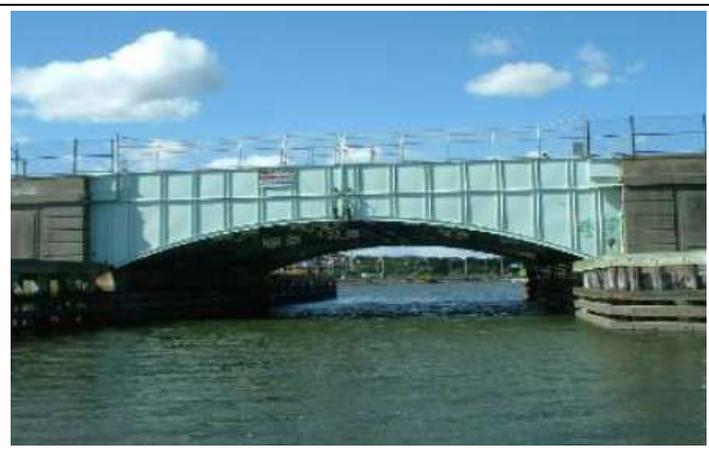
This session demonstrates the different types of bridges, explains the lighting standards for bridges and shows the typical discrepancies that may be observed on a bridge.

Section 2 explains how to use the on-line Bridge System in First Northern.

The logging on process and the required access codes are explained along with how the various Bridge System screens are used to report discrepancies to the CG.

Reserve Tuesday evening, **July 2**
from 8 pm to 10 pm

Log onto the Navigation Systems Web Site.
Go to the WebEX web page and follow the instructions.



Here's your chance to update your Bridge Survey skills,

Learn how to use the five on-line Bridge Program screens:

- Show Bridge Details Screen.** Provides a view of the bridges specification and photo. No reports can be sent from this screen.
- Bridge Discrepancy Reporting Screen.** Learn how to report a discrepancy to the CG Bridge Branch.
- Bridge Discrepancy Resolution Screen.** Provides a means to report when discrepancies are observed as corrected in the field.
- Annual Bridge Survey Screen.** Provides a simple method to submit an annual survey report when the bridge is watching properly.
- Update Bridge Physical Characteristics Screen.** Provides a method to report corrections to the bridge's specifications.

Learn how to prepare an AUXDATA 7030 Activity Report on the Bridge System. The system provides a quick way to submit a 7030 report while still logged onto the bridge system.

In preparation for this session, you could read the ***Navigation Systems Bridge Training Guide*** that is available on the Bridge Web Page on the Navigation Systems Web Site at www.uscgaan.com.

Bridge training is part of Aid Verifier Qualification process. Performing Bridge Surveys is an all year Navigation Systems program.

NOAA's latest mobile app provides free nautical charts for recreational boating [Leave a comment](#)

Public is invited to try beta version of MyNOAACharts

As recreational boaters gear up for a summer of fun on coastal waters and the Great Lakes, NOAA is testing [MyNOAACharts](#), a new mobile application that allows users to download [NOAA nautical charts](#) and editions of the [U.S. Coast Pilot](#). The app, which is only designed for Android tablets for the testing period, was just released.

MyNOAAChart, which can be used on land and on the water, lets users find their positions on a NOAA nautical chart. They can zoom in any specific location with a touch of the finger, or zoom out for the big picture to plan their day of sailing. The [Coast Pilot](#) has geo-tagged some of the major references and provides links to appropriate federal regulations.

Easy and workable access to nautical charts is important for boating safety, says [Rear Admiral Gerd Glang](#), director of NOAA Office of Coast Survey. He recalls a funny, but poignant, reference to charts.

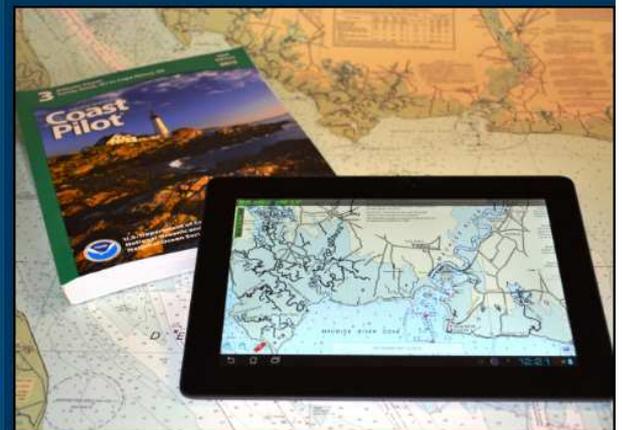
"A popular t-shirt has a 'definition' of a nautical chart splayed across the front: 'chärt, n: a nautical map that shows you what you just hit,'" Glang explains. "As creative as that is, a boating accident can kill. Keeping a nautical chart on hand – before you hit something – can save lives."

The beta test for MyNOAACharts will end on Labor Day, September 2, 2013. Coast Survey will then evaluate usage and user feedback, which will be pivotal in any decision to move forward.

"Expanding the app across a multitude of platforms, ensuring easy accessibility to over a thousand charts and nearly 5,000 pages of U.S. Coast Pilot, will take considerable resources," Glang notes. "We truly want users to [let us know](#) if the app meets their needs."

Boaters who don't have an Android tablet shouldn't despair. The Office of Coast Survey provides free [BookletCharts](#), which are 8 1/2" x 11" PDF versions of NOAA nautical charts that can be downloaded and printed at home. The [U.S. Coast Pilot](#) is also available in a free PDF version.

Important notice for commercial mariners: The mobile app MyNOAACharts and the BookletCharts do not fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 46 of the Code of Federal Regulations.



MyNOAACharts, a mobile app beta test for Android tablets, can easily integrate the user's location, the nautical chart, and all the navigational information from the U.S. Coast Pilot.

It's time to start our PATON, ATON and Bridge field work.

This year, we are tasked to:

- Verify one-third of the scheduled* PATONs.
- Survey all of the bridges.
- Check** all of the ATONs.
- Check** all of the unscheduled PATONs.
- Start a Division Chart Updating Team.

* *The PATON verification schedule appears in the Check Off section when you log on to the PATON System as an AV.*

** *Check the ATONS and unscheduled PATONs while you are in a Patrol Area but only report those aids that are observed with discrepancies to the CG.*

**Frank Larkin, the DSO-NS 013 is available by e-mail or by cell phone from 0900 to 2000 hrs daily and is ready to respond to any of your questions or concerns.
Be sure you are right before you report in 2013!**



Under the Privacy Act of 1974, all information in this newsletter may only be used for official purposes. Any other use is a violation of law. This newsletter was prepared and published by the First Northern Navigation Systems Team. FrankLarkin@verizon.net

Distribution is encouraged to other members of the Coast Guard and Auxiliary

Please pass this newsletter along to your flotilla and division members. We have plenty of work for them. And, include this information in your Monthly Reports at your flotilla and Division meetings.