



JULY 2013

**Let's get the job done
for the Coast Guard
this summer!**

Navigation Systems Newsletter



Help get the word out!



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

Fourth of July 2013 PATON / Bridge Program Progress

When you look at the totals for 2013, it appears as an awesome effort. When you check out each Patrol Area schedule, it is certainly a doable job.

First Northern PATON and Bridge Program Status as of 6/29/2013

Sector	ANT	AUX DIV	Patrol Area	Location	PATONs to do	Bridges to do	AOR	Comments
NNE	SWH	1	NNE 5		3	1		
			NNE 6		3	0		
			NNE 8		18	0		
			NNE 10		8	1		
			PAT-1N		2	4		
			PAT-1S		4	0		
			PAT-2		3	0		
			PAT-3N		1	0		
			PAT-4		3	0		
TOTALS Division 1					45	6		
SO PORT	2	SP-BH	Boothbay Harbor		26	14	Cape Small to Port Clyde including the Sheepscott River, Damariscotta River, Johns Bay, Muscongus Bay, and St. George River.	
		SP-CB	Casco Bay		56	10	Cape Elizabeth to Cape Small including Portland Harbor, Broad Sound, Harpswell Sound, Maquoit Bay and New Meadows River and the Androscoggin River	
		SP-PH	Portsmouth Harbor		36	23	MA border to Cape Porpoise including Portsmouth Harbor, Piscataqua River, Little Bay, Cocheco River, Great Bay, Lamprey River and the Sheepscott River.	
		SP-SB	Saco Bay		1	0	Cape Porpoise to Cape Elizabeth including the Saco River and Saco Bay.	
		TOTALS Division 2					119	47
TOTAL SECTOR NORTHERN NEW ENGLAND					164	53		

Our Maine AVs have their job cut out for them. We are working on some plans for the northern PATONs that have little or no AV coverage and support. There are only three lateral aids in that area that are scheduled this year. The rest of the PATONs are located at three aquacultural facilities.

We are looking for a good response from the Southern Maine AVs. We are all experiencing delays due to the stormy weather that has been hitting New England this Spring. The weather man has promised a break for the Fourth of July.

	3	NBP1	Merrimac River	12	8	NH Border to and including the Merrimack River.	
		NBP2	Essex River	6	0	Essex River estuary and river.	
		NBP3	Parker River	3	2	Parler River estuary and river.	
		TOTALS Division 3		21	10		

Division 3 has a reasonable plan this year. However, we are looking for a trailerable OPFAC and crew to help us with the Essex and the Parker Rivers. If you can assist, please contact the ADSO-NS Boston, Frank Larkin.

	4	NS-1	Lynn / Saugus	0	4	Revere Beach to Outer Breakers including the Saugus and Pines Rivers, Lynn Harbor and the Nahant Bay area.	
		NS-2	Marblehead	6	0	Outer Breakers to Newcomb Ledge including Marblehead Harbor, Marblehead Channel, South Channel, Childrens Island Channel and Eagle Island Channel.	
		NS-3	Salem	9	1	Salem Sound, Salem Harbor, Salem Channel and Manchester Harbor.	
		NS-4	Beverly / Danvers	6	4	Beverly Harbor, Danvers River, Crane River, Bass River and the Porter River.	
		NS-5	Annisquam	18	2	Blyman Bridge, Annisquam River area, Little River, Jones River, Lobster Cove, Ipswich Bay to Halibut Point.	
		NS-7	Gloucester	1	1	Magnolia Harbor, Gloucester Harbor, Thatcher Island, Rockport, Sandy Bay to Halibut Point.	Swim Buoys - Can be verified by land.
TOTALS Division 4		40	12				

Division 4 had a great turnout at the AV Workshops this year. However, weather has been a factor in this area. The 2013 schedule is very reasonable this year for this area.

	5	BOS-1	Inner Harbor	4	34	Mystic, Chelsea and Charles Rivers and area in Western Way to the Long Island Bridge.	Patrol Planned for July 8
		BOS-2	Dorchester/Neponset	6	5	Dorchester Bay and the Neponset Rivers.	Patrol Planned for July 8
		TOTALS Division 5		10	39		
	9	CNR1	Connecticut River	17	15	Springfield to So. Hadley	High water has cause the loss of 6 aids over the dam. Aids were pulled and just replaced. Waiting for the Division facility to be launched.
		TOTALS Division 9		17	15		

Division 5, under the management of Tony Silvestri is under control. Patrols are being scheduled to wrap up this AOR in July with patrols on the 8th and one night patrol.

Division has been hard hit with weather and high water so far this year. Six aids were washed over the dam and were lost. All of the aids on the river were pulled and were just replaced last week. I hope they are holding up to all of the rain that we have had this week. Charlie Lydon is waiting for the Division Facility to be launched to verify the aids. There are three new AVs available in this Division this year to assist with the work

		12	BOS 3	Braintree / Weymouth	2	3	Quincy Bay, Back and Fore River areas.	Patrol Planning in progress with J. Prior.		
			BOS 4	Hingham Bay	12	0	Nantasket Roads, Hingham Bay and Harbor, the Weir River area, Nantasket Beach and Cohasset Harbor.	Patrol Planning in progress with J. Prior.		
			BOS 5	Scituate	7	0	Minots Light to the entrance to New Inlet including Scituate Harbor.	Patrol Planned for July 22.		
			BOS 6	New Inlet	10	4	North, South and Herring Rivers, including Green Harbor.	Patrol Planned for July 22.		
			BOS 7	Duxbury/Kingston/Ply	22	0	Duxbury Beach to Mary Ann Rocks including Duxbury Bay, Kingston Harbor and Plymouth Harbor.	Patrol being planned to this area.		
			TOTALS Division 12		53	7				
			TOTALS SECTOR BOSTON					147	83	

Division 12 is experiencing problems this year but we are starting to sort them out. Tony Silvestri has volunteered to cover the New Inlet Aids for Division 12. Also, we have some new AVs in the Point Allerton Flotilla who will handle the Hingham Bay area, Nantasket Roads and Beach and Cohasset Harbor. They will also cover the Braintree / Weymouth area. We are developing plans for the Plymouth, Kingston and Duxbury AORs with Eunice Bloomquist.

SENE	ANT WH	6	ANT WH	Cape Wind	3	0	Nantucket Sound	
			WH-D	Delta	52	2	Cape Cod Canal to Butler Point including Buttermilk Bay, Cohasset Narrows, Onset Bay, Broad Cove, Sunset Cove and Wareham.	Sippican area is being planned with two patrols
			WH-E	Echo	5	0	Butler Point to Sconticut Neck including Sippican Harbor, Aucoot Cove, Mattapoiset Harbor, Nastucket Harbor and West Island.	
			WH-F	Foxtrot	9	7	Sconticut Neck to Gooseberry Cove including South Dartmouth, Clarks Cove, New Bedford Harbor, Acushnet River and Fairhaven.	
			TOTALS Division 6		66	9		

Ralph Dlouhy made a great start on the West Island Channel Buoys. Not only were they established backward, they were assigned to the wrong owner. The ANT and DPW 1 is sorting out the problems with the owner. Additional patrols are planned in the Sippican area next week.

		11	WH-AE	Alpha East	45	0	Harwich / Monomoy	
			WH-ANa	Alpha North	25	0	Town Cove / Orleans	
			WH-ANb	Alpha North	145	1	Chatham	
			WH-AW	Alpha West	25	4	Bass River / Hyannis	Tentively planned for w/e 7/6 - Cave
			WH-BE	Bravo East	39	1	Osterville / Cotuit	
			WH-CN	Charlie North	1	0	Mary Ann Rocks to Scusset Beach	
			WH-CSa	Charlie South a	5	3	Woods Hole to	
			WH-CSb	Charlie South b	16	1	West Falmouth to the Cape Code Canal	Some PATONs already verified. E. LeBlanc will report in w/e 7/6.
			WH-CW	Charlie West	17	0	Barnstable	
			WH-MA	Marthas Vineyard	12	0	Marthas Vineyard	
			WH-NAN	Nantucket	12	0	Nantucket	
			Totals Division 11		342	10		

Reports are starting to come in from Ernie LeBlanc and Clint Cave. Weather is a factor on the cape so far this year. Division 11 accounts for over 41% of the PATONs that are scheduled to be verified this year.

ANT BRISTOL	ANT BRIS	Class I PATONs	7	0		
	7	CH-C	Central	56	0	
		CH-E	East	24	0	
		CH-W	West	13	0	
		PJ-O	Point Judith	25	0	
		Foxtrot	West	0	0	
Totals Division 7			125	0		
TOTAL SECTOR SOUTHEAST NEW ENGLAND			533	19		
TOTAL FIRST NORTHERN			844	155		

We have a new ANT Chief in ANT Bristol, Tim Chase. I have worked with Tim at ANT Boston and ANT Southwest Harbor in the past and I have found him to be very supportive of the Auxiliary.

844 PATONs look like a large hurdle to jump. However, if every AV does their part in each Patrol Area, it won't be long until this job is done. And, don't forget the 155 bridges that are in the schedule. Start chipping away. There are a bunch that can be done from shore.

The 2013 Aid Verifier Workshop Presentations is now available on the Aid Verifier 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. E-mail the information about each “unauthorized” PATON that you observe to the DSO-NS 013 at FrankJLarkin@verizon.net. **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.

A Thank You Note from Senior Chief Rob Lehmann, ANT South Portland

Good Afternoon,

Just wanted to give you all an update on Cape Porpoise #4. On Tuesday 26 June, our 26' TANB headed down to Cape Porpoise and found the buoy exactly where it was on the chartlet you provided. They proceeded to work the huge tide we had that day and pulled it off with no issues. They tied it off to the #2 buoy for us to come down with our 49' boat and tow it back last night. It was a long day on the water for the crew but we got it back to the Marcus Hanna to be lifted onboard today.

A complete team effort and I appreciate your support in making our logistical planning as easy as it was. With your report we were able to get the discrepancy message out in ample time and make the necessary plans (tides) to recover the buoy and **save the Coast Guard over \$11,000 in materials** that could have been lost.

Thank you for your continued support of our mission.

Rob

BMCS Rob Lehmann
 Officer in Charge
 Aids to Navigation Team South Portland
 C: 207-318-1097
 O: 207-767-0393

[Sean Thomson from Flotilla 013-02-04 made the reports in this Federal Aid.](#)

An E-Mail from a AV regarding a recent Bridge Report

We are getting a fine response from the Coast Guard for our support and reports. This e-mail was initiated from a Bridge Report. The CG Bridge Branch received the report and immediately forwarded a report to the owner. A copy of the letter was sent to the reporting AV.

Frank.....

First, I re-read the Verona Bridge letter and was amazed at the quick action Mr. Arca took. His letter was dispatched within a couple of days of me contacting you. I'm impressed!!!

Secondly, I realize his quick action was based on your personal reputation. This is no small thing as you have been working for YEARS to build this trust.

Third, I am humbled becausewell...obviously you trusted me enough to follow through on my report and it was one that I had absolutely no photos of to send youblack night - blacked-out bridge....doesn't show up on film very well.

So I thank you and I just want you to know, I never want to let you down. After the night patrol tonight, I swung by and rechecked the bridge....and still no lights on either side. Time observed was 1 July 2013 at 2352. I'll keep checking periodically and keep you informed.

This e-mail points out the type of attitude that we experience from our AVs and points out the kind of response you can expect from the Navigation Systems Staff and, above all, the reaction to our reports that we are experiencing from our Coast Guard partners. We are developing into an awesome team. And, above all, we are providing a wonderful service to the maritime community.

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 Auxiliariast 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 July, 2013



For July

JULY – AUGUST – SEPTEMBER - OCTOBER

1. The best approach this year is to verify all in the PATONs and Bridges in a single area at a time.
2. Continue encouraging your volunteers to perform their assigned PATON and Bridge verifications and survey.
3. Keep checking every Patrol Area for discrepant ATONs, PATONs and Bridges.
4. Report every “Unauthorized” PATON that you observe to the DSO-NS 013 – Frank Larkin.
5. Reassess your PATON Programs success and progress. Reset your goals as necessary.
6. Encourage your members to think about the Chart Updating and Small Craft Facility programs that are starting up in each Division
 - There are a lot of potential chart corrections available.
 - If you are in an area with a SC Chart, we have SCF projects 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.

There is still confusion out there as to the AV Tasks for the 2013 Season.

This year, we are tasked to:

- Verify one-third of the scheduled* PATONs.
- Survey all of the bridges in your Patrol Area.
- Check** all of the ATONs.
- Check** all of the unscheduled PATONs.
- Volunteer for your Division CU/SCF 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. FrankJLarkin@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.