



November 2013

THE 2013 PATON PROGRAM

“Never have so few,
done so much,
for so many!”

Navigation Systems Newsletter



Whew! It's been a tough
season for all of us.

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



Back in mid-August, only 37.7% of the PATONs in the 2013 schedule had been verified and there were over **575** PATONs left to verify throughout First Northern. The word went out and a dedicated group of AVs responded. As of September 30, The First Northern AVs have verified 870 PATONS or **95%** which is an incredible response. I hesitate to use the word “incredible” because that is what their response is every year. Although many AVs may feel like the rooster on page 1 with all of the status reports and prodding e-mails that they received from the DSO-NS this year which was not without its problems.

Problems have not deterred our AVs. During 2013, we saw NS Teams transiting between patrol areas and Divisions to help out. In Division 2, an NS Team from Saco Bay verified the scheduled PATONs in the Casco Bay Patrol Area. A Division 3 NS Team from the Merrimac River transited 15 miles south to assist Division 4 with the verification of the Annisquam River PATONs and bridges. An AV from Division 10 took a ride with the Ipswich Harbormaster and documented 40 new PATONs on the Ipswich River estuary. A Division 5 NS Team traveled 23 miles south from Boston to handle the New Inlet area for Division 12 on the Massachusetts South Shore. And, a Division 11 NS Team assisted Division 6 in the Bourne patrol area. Another two AVs in Division 11 took a few trips with the Mashpee Harbormaster and was able to verify 70 PATONs for DPW 1 Boston. Division 1 took two NS Teams throughout the most northern waterways of Maine for a week to verify the many aquaculture facilities and bridges located in those remote areas where there are few Auxiliarists and Auxiliary OPFACs.

This year was full of innovation and cooperation between Auxiliary Division and Coast Guard Stations and ANTs. We also experienced heavy support from the Auxiliary Operations Department and senior Division and District Staff Officers. Everyone who supported the PATON program this year should be very proud of their extraordinary efforts, performed in the best tradition of Team Coast Guard. As the DSO-NS, you have overwhelmed me.

The AV Team concept . . .

It is apparent, that the most successful Divisions for Navigation Systems this year were the ones who have formed Navigation Systems (NS) Teams. The best definition of an NS Team are a group of Auxiliarists who conduct patrols together on a regular basis who have at least one qualified and current Aid Verifier within their group. Such teams have been most productive in the PATON and Bridge programs throughout the District. Much of their Navigation Systems work is performed as part of multi-mission patrols. We have determined that an experienced NS Team, with the right planning, can verify 15 to 25 PATONs or more on a single patrol. We have also found that by assigning tasks to all the members aboard a PATON patrol, every team member participates and the time on scene is minimized. With the NS Team approach, it will take only a few minutes to verify a PATON and just a few minutes to survey a bridge. A four hour patrol seems like only a few hours. Using the NS Team concept, you will be guaranteed not to be bored again on an Auxiliary patrol.

In 2014, we will try to identify all of the potential AV Teams in the District and direct AVs and AVCs to them.

We need new AVs in various areas throughout the District . . .

Aid Verifier training will commence on **Tuesday evening, December 3** from the comfort of your own home. This training takes the form of a series on two-hour WebEX training sessions on Tuesday evenings – 8:00 pm to 10 PM. There will be a PATON training session at the January Training Conference on Saturday afternoon, January 4th. If you are already boat crew qualified, you could be Aid Verifier qualified by the end of January. Every Auxiliary Division was needs for new AVs.

So far **45.7%** of the First Northern AVs have been recorded as being active during 2013.

However, on the negative side, this could also mean that there is the possibility that **54.3%** of our AVs may lose their AV currency in 2014 and some may lose their AV Qualifications.

Check out your status on this list below.

Sector Northern New England

CG ANT Southwest Harbor

Division 1: 11 out of 19 AVs are active or 57.9 %. AVs listed in **red** show no AV activity during 2013.

<p>01-02 M. Headd 01-02 A. Lambert 01-02 T. Lambert 01-02 R. Ozog 01-02 T. Sawyer – ADSO-NS 01-02 E. Sawyer 01-02 R. Young 01-03 H. Goodman 01-03 H. Herman</p>	<p>01-04 A. Eggleston 01-04 B. Lear 01-04 S. Warner 01-05 L. Bex 01-05 C. Foote. 01-05 J. Foote 01-08 N. Plunkett SO-NS 01-08 F. Wiswall 01-08 E. Wiswall 01-08 S. Malrecky 01-08 D. Nelson Aid Verifier Candidate.</p>
---	---

CG ANT South Portland

Division 2: 8 out of 21 AVs are active or 38.0%. AVs listed in **red** show no AV activity during 2013.

<p>02-01 K. Cyr 02-01 R. Robichaud 02-01 B. Thompson 02-04 J. Clancy 02-04 J. Dempsey 02-04 J. Katz 02-04 S. Thomson ADSO-NS 02-05 T. Chatham 02-05 G. Homer SO-NS 02-05 R. Johnson 02-05 R. Loney</p>	<p>02-05 J. Martin 02-05 G. Nash 02-05 M. Potter 02-05 D. Power 02-05 D. Ring 02-08 J Cookson 02-08 W. Dehne 02-08 T. Raynor 02-08 A. Schwinn 02-08 R. Theve</p>
--	---

Sector Boston

CG ANT Boston

Division 3: 1 out of 7 AVs is active or 14.3%. AVs listed in **red** show no AV activity during 2013.

<p>03-01 G. James 03-01 S James 03-01 R. Lemar 03-01 J. Antanovich, DSO-OPS</p>	<p>03-01 P. McShane 03-01 L. Musicoff 03-08 Bud Kuran</p>
--	---

Division 4: 5 out of 9 AVs are active. AVs listed in **red** show no AV activity during 2013.

<p>04-01 R. Amiro 04-01 R. Cusack 04-01 P. Karwowski 04-01 R. Pierce 04-01 R. Skryness</p>	<p>04-01 K. Weston 04-09 J. Courtney 04-09 A. Goldstein 04-09 R. Marshall</p>
--	--

Division 5: 5 out of 6 were active or 83.3%. The AV listed in **red** shows no AV activity during 2013.

05-03 S. Gartrell 05-03 T. Isherwood 05-03 J. Mansour	05-03 A. Silvestri SO-NS 05-08 E. Cohen 05-25 G. Murray
---	---

Division 9: 2 out of 4 are active. AVs listed in **red** shows no AV activity during 2013.

09-03 J. Lane 09-03 C. Lydon SO-NS	09-06 J. Mason 09-07 W. Nevill T. Simmons (Aid Verifier Candidate)
---------------------------------------	--

Division 12: 3 out of 6 are active. AVs listed in **red** show no AV activity during 2013.

12-03 J. Prior 12-05 P. Somer 12-08 B. Blanchard	12-08 E. Bloomquist 12-08 R. Eckhouse 12-08 F. Senkel
--	---

Sector Southeast New England

CG ANT WoodsHole

Division 6: 2 out of 11 are active. AVs listed in **red** show no AV activity during 2013.

06-03 E. Beane 06-03 R. Dlouhy SO-NS 06-03 R. Kramer 06-03 M. Sullivan 06-03 J. Ulewitz 06-05 R. Joseph	06-05 L. Lake 06-05 E. Montagne 06-05 K. Mingola 06-05 R. Parker 06-05 P. Sadeck
--	--

Division 11: 17 out of 29 are active. AVs listed in **red** show no AV activity during 2013.

11-01 R. Brady 11-01 C. Cave 11-01 H. Cutts ADSO-NS. 11-01 R. Norman 11-01 R. Orswell 11-01 Bud Walls 11-01 R. Zweig 11-02 D. Abt 11-02 B. Abt 11-02 R. Ferrar 11-02 E. LeBlanc 11-02 C. Maher 11-02 A. Piemonte 11-02 H. Rothstein 11-02 S. Wagner	11-06 S. Crowell 11-06 W. Gardiner 11-06 H. Gostin 11-06 J. Hunerwadel 11-06 A. Jesudovich 11-06 W. Moyle Jr. 11-06 A. Pelczarski 11-06 W. Richardson 11-06 Sokasits 11-07 M. Gibbs 11-07 E. McMorrow 11-07 H. Ray 11-08 R. Nolan 11-08 G. Paulin
---	--

CG ANT Bristol

Division 7: 10 out of 26 are active. AVs listed in **red** show no AV activity during 2013.

07-02 C. Lawrence 07-02 G. Resnick 07-06 W. Anderson 07-06 D. Butziger 07-06 R. Butziger 07-06 A. Butziger 07-06 G. Dudley 07-06 S. Dudley 07-06 D. Henson 07-06 M. Moran 07-06 R. Pardi 07-06 M. Quinn ADSO-NS 07-06 D. Robert	07-06 R. Vanherpe 07-08 R. Benito 07-08 F. Cotter 07-08 W. Morris 07-08 H. Peters 07-09 J. Beadsley 07-09 B. Novakoff 07-11 R. Audette 07-11 A. Jencks 07-11 F. Lucca 07-11 D. Pouliot 07-11 J. Silva 07-11 J. Simek
---	--

Division 10: 6 out of 11 are active. AVs listed in **red** show no AV activity during 2013.

10-02 P. Barnes 10-02 B. Lacey 10-02 D. Morin 10-02 M. Rachwal 10-07 B. Haig	10-07 F. Larkin DSO-NS 10-07 G. Pendergast 10-07 P. Pendergast 10-10 S. McClay 10-10 B. Baker 10-10 R. Pickard
--	---

How AV Activity is recognized . . .

Here are the rules that are used for determining AV activity in First Northern:

7054 PATON Verification Reports and **Bridge Survey and discrepancy reports** are counted. These PATON and Bridge reports do not count until you hit the SUBMIT button on the system and the system records the data.

- This process transmits your 7054 AV Verification Report to the Coast Guard and the PATON owner.
- Only current and qualified AVs may submit PATON and Bridge reports which are controlled by access codes.

PATON checks, ATON checks and discrepancy reports are counted when properly submitted in **AUXDATA**. Your Auxiliary PATON and Bridge activity is not recorded in AUXDATA until you submit a 7030 Activity Report Individual to your IS Officer and the IS Officer enter the information into the AUXDATA System.

- AV names showing in **red** on the previous AV Report reflect lack of this activity.
- Your submitted and recorded AUXDATA numbers are used to determine your AV Currency and Qualification and annual awards. AVs showing in **blue** on the above list have met these requirements for 2013.
- At the moment, only **69** AVs out of **151** have met the annual requirement of submission of two PATON, Bridge or ATON discrepancy reports to the Coast Guard.
- There has been much AUXDATA activity reported for Auxiliarists who are not AV qualified. This information is ignored for qualifications and NS awards.

There are still some PATONs and Bridges to report so that you don't lose your AV Currency. We need you active in 2014.



Your Navigation Systems Staff Activity Calendar for November

Your November activities:

1. Encourage AVs to survey all the remaining bridges on your Division's 2013 schedule.
2. Get all 7054 PATON verification reports submitted on-line.
3. Look at your resources for 2014. Review the estimated schedule for 2014.
 - a. Verify one-third of the PATONs in your AOR.
 - b. Check all of the unscheduled PATONs and all of the ATONs.
 - c. Survey all of the Class 1, 2 and 3 bridges in your AOR.
4. Reset your goals for 2014 as necessary. Review or establish your NS Teams for 2014. Do you have enough coverage for your full Division's needs? Do you have sufficient Aid Verifiers? Review the statistics available in the Navigation Systems Scorecard Report 2013-2014 as a basis for understanding your needs.
5. Survey your Flotilla or Division for members who could be interested in becoming an Aid Verifier. WebEX training is starting on Tuesday evening, December 3rd. Training is also available at the January Training Conference on Saturday afternoon. If you don't ask your members, you'll never know.
6. Survey your Flotilla or Division for members who could be interested in the Chart Updating and Small Craft Facility programs. Training is available at the January Training Conference on Sunday morning.

There are a lot of potential chart corrections available.
If your area is plotted on a SC Chart, we have SCF projects available.

Only you can make the Navigation Systems Programs work in your Flotilla and Division!

Focus your attention on the remaining scheduled PATONs and the Bridges that have not yet been reported! Here is a summary report showing where the remaining bridges are located. Our PATON and Bridge programs for 2013 are not over until 12/31.

Division	Location	Total Bridges	Left to do	Discrepant
1	Northern Maine	8	1	4
2	Southern Maine	47	12	6
3	Merrimac River, MA	9	5	5
4	North Shore, MA	7	13	4
5	Boston Area	41	0	21
6	Buzzards Bay, MA	11	6	0
7/10	Narragansett Bay, RI	15	0	9
11	Cape Cod, MA	14	3	3
12	South Shore, MA	9	0	2

Here are some Bridge activities that you can perform:

- Survey a bridge that is not yet surveyed during 2013- "Left to do" above.
- Recheck a bridge with an existing discrepancy.

Go to the Bridge Database on the NS Web Site at www.uscgaa.com. Log on using your Auxiliary Directory Access Code. **AVs need to perform two reports each year to maintain their AV currency.**

NOAA announces the end of traditional paper nautical charts...



A Coast Survey Announcement

NOAA announces end of traditional paper nautical charts

NOAA-certified Print-on-Demand partners will continue to sell up-to-date paper nautical charts

NOAA's Office of Coast Survey, which creates and maintains the nation's suite of over a thousand nautical charts of U.S. coastal waters, today announced major changes ahead for mariners and others who use nautical charts. Starting **April 13, 2014**, the federal government will no longer print traditional lithographic (paper) nautical charts. Coast Survey will continue to create and distribute other forms of nautical charts, including Print-on-Demand paper charts as well as electronic and digital formats.

"Like most other mariners, I grew up on NOAA lithographic charts and have used them for years," said Rear Admiral Gerd Glang, director of NOAA's Office of Coast Survey. "We know that changing chart formats and availability will be a difficult change for some mariners who love their traditional paper charts."



Since 1862, those lithographic nautical charts -- available in marine shops and other stores -- have been printed by the U.S. government and sold to the public by commercial vendors. The decision to stop production is based on several factors, including the declining demand for lithographic charts, the increasing use of digital and electronic charts, and federal budget realities.



"With the end of traditional paper charts, our primary concern continues to be making sure that boaters, fishing vessels, and commercial mariners have access to the most accurate, up-to-date nautical chart in a format that works well for them," said Capt. Shep Smith, chief of Coast Survey's Marine Chart Division. "Fortunately, advancements in computing and mobile technologies give us many more options than was possible years ago."

Mariners increasingly use NOAA-certified Print-on-Demand nautical charts that are up-to-date to the moment of printing.

NOAA will continue to create and maintain other forms of nautical charts, including the increasingly popular Print on Demand (POD) charts, updated paper charts available from NOAA-certified printers. NOAA electronic navigational charts (NOAA ENC®) and raster navigational charts (NOAA RNC®), used in a variety of electronic charting systems, are also updated weekly and are available for free download from the Coast Survey website. NOAA announced a new product as well: full-scale PDF (Portable Digital Format) nautical charts, available for free download on a trial basis.

The world of navigation is benefiting from advances in technology, Smith explained. He said that NOAA will consult with chart users and private businesses about the future of U.S. navigation, especially exploring the use of NOAA charts as the basis for new products.

"Customers frequently ask us for special printed features, such as waterproof charts, special papers, or chart books containing additional information," he explained. "We are investigating new opportunities for companies to fill these market niches, using the most up-to-date information directly from NOAA."

NOAA Office of Coast Survey is the nation's nautical chart maker. Originally formed by President Thomas Jefferson in 1807, Coast Survey updates charts, surveys the coastal seafloor, responds to maritime emergencies, and searches for underwater obstructions that pose a danger to navigation.

Understanding the Navigation Systems (NS) Team Concept . . .

A **Navigation Systems (NS) Team** is a group of Auxiliarists who are focused on the Navigation Systems Programs – **PATONs, ATONs, Bridges, and Chart Updating** projects which includes **Small Craft Facility** updating where applicable (1). A NS Team should consist of a minimum of one AV Qualified member, a Coxswain, an OPFAC and sufficient Crew to perform a patrol within their designated Patrol Area. Multiple AVs can belong to a single NS Team. All active AVs will be assigned to an NS Team. NS Teams can be assigned inter-divisionally as needed to achieve the First Northern Navigation Systems activity assigned by the Coast Guard. Only qualified and current AVs may submit 7054 PATON Verification Reports and Bridge Survey Reports. Any Auxiliarist on the team may submit a PATON, Bridge or ATON Check and discrepancy reports. Any Auxiliarist may submit Chart Update Reports.

A single Auxiliarist, who is AV qualified and current but who utilizes multi-mission patrols to perform their NS activity, can be designated as a NS Team.

A **NS Patrol Area** is a predefined area within an Auxiliary Division that can be geographically identified as a natural area for verifying and checking PATONs, checking ATONs, surveying Bridges and performing Chart Update projects. The

specific number of PATONs, ATONs, and Bridges will be defined for each Patrol Area. Tracking reporting will be maintained on the activity in each Patrol Area.

Projected 2014 Navigation Systems Activity Plan.

Defined Navigation System Teams will be assigned to defined Patrol Areas for 2014 and will be responsible for surveying the scheduled PATONs, checking the unscheduled PATONs, photographing PATONs that currently do not have photos on record, surveying the Bridges, checking the ATONs and performing assigned Chart Updates. Division activity is estimated below.

Preliminary 2014 Schedule Data

	DIV	Total PATONs	PATON Schedule	Photos	BRIDGES
NNE	1	136	45	113	8
	2	268	90	217	47
	15	85	28	71	unk
Total NNE		489	163	401	55
BOS	3	92	31	57	9
	4	114	38	108	13
	5	70	Sector	18	41
	9	60	20	57	14
	12	166	55	67	9
Total BOS		527	176	322	72
SENE	6	200	67	96	11
	7/10	471	157	210	15
	11	1008	336	672	14
Total SENE		1679	560	978	40
District Total		2695	898	1701	189

Plans for Auxiliary patrols should be limited to approximately 15 to 20 PATONs. This number could also be limited by the number of unscheduled PATONs, and the number of ATONs and bridges within a patrol area. It may take multiple patrols to complete the available PATONs, ATONs and Bridges within a defined patrol area. For planning purposes, patrols should be at least four hours. Night patrols may also be needed to check the light characteristics on PATONs and ATONs located within a patrol area and the lights on bridges.

It is recommended that the Team Concept be used on each patrol so that the verification and checking tasks can be assigned to multiple AVs and Crew under the direction of an AV. This is a more efficient approach and minimizes the time on scene at an aid or bridge. It also increases the accuracy of each verification.

It is also recommended that [Open/CPN on-line charts](#) be used where possible to facilitate position accuracy for the unscheduled PATONs and ATONs. Properly calibrated chart-plotting GPS sets may also be substituted for this purpose. Hand-held GPS sets are recommended for PATON position verifications. Pre-checking of each PATONs documentation is always recommended in order to same time underway. The Light List position, the charted position and the observed position should be checked against the Permit position. Inclusion of an **“Accuracy Report”** is recommended on each PATON verification report. Updates to your PC will be available on Saturday, January 4 at the January Conference.

Uncharted PATONs should be entered on the Open/CPN System using their Permitted positions in order to facilitate their verification position check while on patrol. This technique should also be used for groups of identical aids such as speed buoys and no wake buoys in order to save time underway and minimize the number of patrols.

PATON Off Station Criteria

PATONs may be declared as off station by an AV according to the following criteria:

Fixed Lateral PATONs = **25** feet.

Floating Lateral PATONs = **50** feet.

Regulatory PATONS = **500** feet. (2)

It is suggested that the [Vertical and Horizontal Error Calculator](#) be used to determine the actual distance that a PATON is observed from its Permit position.

- (1) Small Craft Facility projects can only be performed in geographical locations that are plotted on Small Craft (SC) charts.
- (2) AVs should not spend much time and effort positioning Regulatory PATONs. Our concern is their compliance to the standards for a regulatory buoy or daybeacon – white can or background with orange bands, regulatory shapes and black print. Major discrepancies are regulatory aids located in a navigable channel.

“All auxiliary vessels when underway should check all Aids to Navigations (ATONs and PATONs) for any type of discrepancy and also should check the Charts, Coast Pilot & Shoreline for any type of Charting Errors as well as provide update reports on Charts, Small Crafts Facilities & Coast Pilot in your AOR.”

Help Wanted

Join a Navigation Systems NS Team

Navigation Systems is establishing Teams of Aid Verifiers (AV) in each Division in 2014 in order to efficiently verify the PATONs and survey the bridges assigned to the Auxiliary by the Coast Guard each year. Normally, one-third of the private aids (PATONs) in each Division are verified and all of the bridges are surveyed. Each Auxiliarist performing this activity must be AV qualified. Since the majority of this work is performed from an Auxiliary operational facility (OPFAC), Boat Crew qualified members are preferred. Coxswain-qualified members, who own operation facilities, are highly desired. Also, the most time consuming part of the AV qualification training has already been completed by qualified boat crew members. Many Divisions already have formal teams who, currently, are highly active and very productive. Some teams travel outside of their Division AOR to assist in areas that are currently without formal team support.

Teams members should be compatible, supportive and available. While on PATON and Bridge patrols, team members will be asked to perform different roles. A typical team leader would assign such tasks as GPS reader, echo sounder reader, discrepancy viewer, quality data provider, data recorder, photographer or documentation checker to the team's members. This approach speeds up the time on site at the aid or bridge and insures a high accuracy result. Often the tasks are switched during the patrol so that the crew's skills are maintained at a high operational level. Often, well

organized teams can complete 20 to 30 aids and bridges during a typical patrol. We do guarantee that you will not be bored during such a PATON Patrol and you will find that the time will fly by.

While the practical skills for verifying a PATON or surveying a bridge are honed during the actual patrols, a basic amount of training is required in order to be deemed as AV Qualified. There is a national AV/PQS Qualification Guide and a District Specific Task List that must be completed. Much of the time consuming work involves boat-crew related training tasks, TCT and ICS training. Boat crew members have already completed this training. WebEX Training classes are starting on Tuesday evening, December 3. Classes normally run from 8:00 pm to 10:00 pm. As well, there will be AV check offs available on Saturday morning, Jan 4 at the District Conference as well as the April Conference. Much of the AV training involves background reading. Also at the conference, there will be PATON training available in the afternoon training session. A test is administered to determine whether the required readings were performed.

The benefits from Navigation Systems training will greatly enhance your navigation ability. We are deep into on-line computer-aided navigation. Navigation Systems offers training on the Open/CPN chart system. You will be able to download all of the charts from northern Maine to New Jersey to your personal computer free of charge and will be able to update all the LNM changes to them twice each month from the First Northern NS Web Site. You will have access to the updated and current Light List and Coast Pilots. You will receive the LNM (Local Notice to Mariners) weekly on line.

Here is the latest estimate of the number of Navigation System Teams and new AVs that are needed in First Northern to support the annual Coast Guard PATON and Bridge demands.

Div	Sector	Location	Estimated NO. of PATON Teams Needed	Estimated NO. of PATON Teams Available	Estimated number of Patrols needed.	No. of AVs in Division	Est. No. of Active AVs	AVCs	New AVs Needed
1	NNE	Northern Maine	2	1	Note 1	18	9	1	1
2	NNE	Southern Maine	3	1	6	22	6	0	6
15	NNE	Burlington, VT	3	2	4	UNK	4	0	3
3	BOS	Merrimac River	2	1	4	7	1	0	5
4	BOS	MA North Shore	2	1	4	9	5	0	1
5	BOS	Boston Harbor	2	1	4	6	6	0	1
9	BOS	Connecticut River	1	1	2	4	2	1	0
12	BOS	MA South Shore	2	0	5	6	3	0	3
6	SENE	Buzzards Bay	3	2	5	12	3	0	6
7/10	SENE	Narragansett Bay	3	3	8	35	15	1	0
11	SENE	Cape Cod	10	8	20	27	20	0	10
Total First Northern			31	21	70	149	74	3	30

Note 1: Depends on the final plan for the northern aids in 2014.

The estimate for 2014 is for 70 or more PATON Patrols throughout the District with the addition of an estimated 10 Navigation System Teams and 30 additional AVs – 10 in Sector NNE, 7 in Sector Boston, and 16 in Sector SENE. We tried to reactivate the 75 inactive AVs in our District without very much success during 2013. Our studies show that areas with new AVs and formal NS Teams are the most productive and these team's leaders show good leadership skills.

Additionally, First Northern has developed a unique chart updating technique using Open/CPN charts. Google maps are overlaid on Open/CPN charts so that it is easy to view the actual geographical land mass versus the charted objects on the latest NOAA chart. Once anomalies are identified, it becomes an easy matter to prepare chart updating projects

that are confirmed by Navigation Systems Teams in the field and then reported to NOAA for correction to the local charts.

If you are not afraid of learning some new navigation skills, of meeting commitments in a timely manner, are not afraid of computers, and are not bothered by the little details, we want to talk to you. Contact your ADSO-NS or the DSO-NS at FrankJLarkin@Verizon.net to volunteer your services and start your PATON and Bridge training this Fall.

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 e-mail this newsletter to all your flotilla and division members. And, include this information in your Monthly NS Reports at your Flotilla and Division meetings.

Be sure that every one of your members gets a copy of this newsletter. We recognize that Navigation Systems activity is not suited to every member. However, you never know when a new member will want to try it out. Always keep them informed of the Navigation Systems programs and opportunities.

