



U.S. Coast Guard Auxiliary

District 11 Northern Region
Serving Northern California, Nevada, Utah

District Navigation Systems

Covering Aids to Navigation, Bridges, & Chart Updating Activities

Accuracy - Credibility - Professionalism - Service to the Coast Guard & NOAA-NOS

DSO-NS Northern Region Report No. 2017-02

Date: March 6, 2017
From: DSO-NS 11(NR)
To: DCAPT-RBS & All D11 Auxiliary Members for Immediate Action
Info: EXCOM, Board & Staff, SO-NS, FSO-NS & Aid Verifiers, D11 (dpw) & D11 (dpa-n)
Subject: DSO-NS January Report/Bulletin

SO-NS please contact each FSO-NS to see that they receive a copy of this bulletin.

Additional copies can be downloaded at:

<http://wow.uscgaux.info/content.php?unit=113&category=navigation-systems>

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1. 2017 AUX-06 Aid to Navigation, Bridge & Chart Updating C-School U.S. Coast Guard Auxiliary Prevention Directorate-Navigation Systems Division.



2017 AUX-06 C-School will be held June 16-18,2017 at Coast Guard Training Center Yorktown Virginia; Applications Are Being Accepted At This Time. Complete a Short Term Resident Training Request **(STTR) Form CG-5223** at <http://forms.cgaux.org/archive/a7059.pdf>. Send your completed CG-5223 form to DIRAUX (Director of Auxiliary)-(Tina Perry) via your Flotilla Commander (your FC is required to sign the form).

This school is designed to provide training in all four Auxiliary Navigation Systems Programs - Federal Aids (ATON), Private Aids (PATON), Bridge Administration (BAP) and Chart Updating (CU) programs. The aim of the NS C-School is to train a cadre of Auxiliary leaders who will promote the NS programs in their district and develop new and lasting programs and relationships with the Coast Guard in support of the goals and objectives of the Auxiliary Aids to Navigation/Chart Updating program. There is only one class convening scheduled each year.

Who May Attend: Candidates must be recently assigned as FSO-NS (Flotilla Staff Officer - Navigation Systems), SO-NS (Division Staff Officer - Navigation Systems or DSO (or ADSO-NS

(District or Assistant District Staff Officer - Navigation Systems)). Aid Verifier qualification is required.

2. 2017 NAVIGATION SYSTEMS REPORT:

This summary report activity table covers all ATON, PATON, Bridge, & Chart Updating activities & reports received by D11 (dpw), NOAA-NOS & AUXINFO through **March 5, 2017**.

2017 DIVISIONAL, BRIDGE, ATON, & CHART UPDATING ACTIVITY SUMMARY REPORT

Div.	AIDS TO NAVIGATION ACTIVATY							Bridges Assigned				PATON's Assigned				2017 AVPQ in Train- ing	A V - P Q S				
	Bridge	Bridge AUX Data Lead only	ATON	ATON AUX DATA Lead only	PATON	PATON NO Permit	PATON AUX DATA Lead only	AOR	Chec k	% Done	Still to Do	AOR	Check	% Done	Still to Do						
1								4		0%	4	104		0%	104	6	5				
3	10		2	1	2			15	8	53%	15	41	2	5%	41	1	3				
4								2		0%	2	68		0%	68	1	2				
5								11		0%	11	103		0%	103	2	4				
6	2	2						2	2	100%	0	67		0%	67	2	2				
8								1		0%	0	5		0%	5	0	0				
10								9		0%	0	58		0%	58	3	3				
11								0		0%	0	140		0%	140	2	3				
12					1			8		0%	0	150		0%	150	0	5				
Total	12	2	2	1	3	0		52	10	19%	42	736	2	0%	734	17	27				
	2017 D11NR Chart Updating Year Jan 1, 2017 to Mar 31, 2017			2017 D11NR Chart Updating Year April 1, 2017 to Dec 31, 2017			2016-2017 NOAA-NOS Chart Updating Year Apr 1, 2016 to Mar 31, 2017														
Div.	CU Reports		2nd Ob	CUC (26)		CU Reports		2nd Ob	CUC (26)		CU Reports		2nd Ob	CUC (26)							
3											5		13	143							
4											1		13	39							
5																					
6																					
8																					
10																					
11																					
12																					
Total	0		0	0		0		0	0		6		26	182							
Total D11 CU Reports 1/1/17 through 12/31/17 →						0						Total D11-NOAA CU & CUC 4/1/16 through 3/31/17 →						6		182	
Total Aids to Navigation Reports						17						Total Members Submitting ATON & CU Reports in 2017 →						3			
Total Aids to Navigation in AUXDATA*						3						3 out of 17 ATON & CU reports showing up in AUXDATA →						18%			
Total NOAA Chart Updating Reports						0						A= ATON, P= PATON, B= Bridges, U= Unauthorized, CU=Chart Updates CUC = Chart Update Points (Stop Gap) = 26 CUP awarded by D11NR DSO-NS for each confirmation of a Report you recently submitted via NOAA's Nautical Discrepancy Report System.									
Total ATON & Chart Updating						17															
➤ Note: *Red numbers above is the information from AUXINFO as of March 5, 2017 update.																					
➤ NOAA-NOS Chart Updating Year is from - April 1 through Mach 31 each year????																					
➤ D11NR Chart Updating Year is from - January 1 through December 31 each year.																					
➤ Note: The Green number under "2nd Ob" indicates secondary Chart Updating Observers.																					
✓ Note: "ALWAYS submit a 7030 for all ATON, PATON, Bridge, & Chart Updating Activity. Your work is not completed until your 7030 is in your FSO-IS hands."																					
✓ "Always check AUXINFO for your ATON, Bridge, & Chart Updating activity. If you don't find your activity recorded and you have submitted the proper ANSC 7030, check with your FSO-IS or SO-IS for help." If you are not satisfied always contact the DSO-NS for help.																					

3. NOAA invites public comment on the draft National Charting Plan:



March 1, 2016

Contact:

Kristen Crossett, 301-325-2113

NOAA invites public comment on the draft National Charting Plan

NOAA invites public comment on the recently released [National Charting Plan](#). Comments are due by midnight, June 1, 2017. The National Charting Plan is a strategy to improve NOAA nautical chart coverage, products, and distribution. It describes the evolving state of marine navigation and nautical chart production, and outlines actions that will provide the customer with a suite of **products that are more useful, up-to-date, and safer to navigate with**. It is not a plan for the maintenance of individual charts, but a strategy to improve all charts.

Since the introduction of electronic navigational charts (ENCs) thirty years ago, the size of commercial vessels has increased four-fold and navigation systems have become more sophisticated. Additionally, there are now over 15 million recreational boat users in the U.S. and many have joined professional mariners in using electronic chart displays and NOAA digital chart products when navigating. User groups of all types are increasingly expecting more precise, higher resolution charts, and greater timeliness and ease-of-access to chart updates. This plan presents **strategies to meet the growing demand**.

The National Charting Plan outlines several improvements to chart content, such as:

- **Reducing unwarranted alarms** in the electronic chart display and information system (ECDIS) used by large commercial vessels and Improving the differentiation between dangerous and non-dangerous wrecks.
- **Resolving uncertainties** about 'reported,' 'existence doubtful,' and 'position approximate' dangers.
- **Creating an orderly layout for ENC charts** that will replace the current set of 1,182 irregularly shaped ENC cells compiled at 131 different scales with a regular gridded framework of cells compiled at a few dozen standard scale.
- **Strengthening partnerships** with the U.S. Coast Guard by developing methods to ingest changes to the database of USCG maintained aids to navigation directly into Coast Survey's chart production system. This will save time and avoid any chance of data being entered incorrectly by hand.

For information on how to provide written comments about this plan, see the [Federal Register Notice](#).

NOAA Office of Coast Survey, 1315 East-West Highway, SSMC3 #6216, Silver Spring, MD 20906

4. THE BEST REFERENCES AND STUDY INFORMATION WEB SITES UPDATE

Here are your best References and Study information areas to pass the “Auxiliary Aids to Navigation (ATON) Verifier” PQS Booklet and Chart Updating programs. The “Auxiliary Aids to Navigation (ATON) Verifier” covers a wide range of areas.

NATIONAL US COAST GUARD AUXILIARY Study sites

NATIONAL PREVENTION DEPARTMENT:

- <http://www.uscgaux.info/content.php?unit=p-dept>

-NAVIGATION SYSTEMS:

- <http://www.uscgaux.info/content.php?unit=P-DEPT&category=navigation-systems>

COMDTINST 16500.16A - Coast Guard Auxiliary Aids to Navigation Program & (Google)

COMDTINST 16500.7 - Aids to Navigation Manual-Administration - & Chapter 5 (Google)

COMDTINST M16590.5 - Bridge Administration Manual, (Google)
Bridge Lighting

ATON & Chart Updating Forms, Manuals & other Documents of Interest

COAST GUARD AUXILIARY

District 11 - NAVIGATION SYSTEMS:

- <http://www.uscgaux.info/content.php?unit=113&category=navigation-systems>

WHAT WE DO

D11 BRIDGE, ATON, CHART UPDATING TRAINING GUIDES

PUBLICATIONS & D11 STANDARD OPERATING PROCEDURE (SOP)

FORMS- ATON & Chart Updating Forms, Manuals & other Documents of Interest

PAST DSO-NS BULLETINS

AUXILIARY AIDS TO NAVIGATION (ATON) VERIFIER-PQS QUALIFICATIONS

ADDITIONAL RESOURCES

LATEST CHARTS LIST

District 1 - NAVIGATION SYSTEMS - <http://www.uscgaan.com/>

US COAST GUARD websites

<https://www.navcen.uscg.gov/>

- USCG Light List-Volume 6 California Coast (Weekly update)

- Local Notice to Mariners (LMN) (LNM Weekly on Wednesday)

USCG DISTRICT 11th PREVENTION DEPARTMENT - <http://www.uscg.mil/d11/dp/dp.asp>

D11 (dpw) - <http://www.uscg.mil/d11/dp/dpw.asp>

-Local Notice to Mariners (LMN)

D11 (dpw) Private Aids - <http://www.uscg.mil/d11/dp/PatonOne.asp>

D11 (dpw) Bridges - <http://www.uscg.mil/d11/dp/bridges.asp>

- Form CG-2554 Private Aids to Navigation Application

33 CFR 66-Private Aids - (Google) this is the easiest way to find the information

33CFR 117, 114-118-Bridges – (Google)

COMDTINST 16500.16A - Coast Guard Auxiliary Aids to Navigation Program (Google)

COMDTINST 16500.7 - Aids to Navigation Manual-Administration, - (Google)

Chapter 5

COMDTINST M16590.5 - Bridge Administration Manual, (Google)

Bridge Lighting

NOAA-NOS websites

<https://www.nauticalcharts.noaa.gov/>
<http://www.nauticalcharts.noaa.gov/staff/chartspubs.html>
Coast Pilot
RNC Charts & LNC Charts
Chart No. 1

5. NOTICE TO ALL MEMBERS WE NEED SOME NEW AID VERIFIERS If you're not aware the district's 5 year upgrade program plan which started on January 1, 2012 has ended as of December 31, 2016. The 11th District requires all aid verifiers that meet the district standers to now to be upgrade to the national aid verifiers standers of "**Auxiliary Aids to Navigation (ATON) Verifier**" PQS.

We are down to only 26 Aid Verifiers to complete D11 (dpw) assignment of surveying 52 Bridges and verifying 736 private aids. All division needs more aid verifies and Division 8 has no aid verifier. Would you like to become an aid verifier, we sure could use your help. Contact James B. Duncan, DSO-NS.

A. Any Auxiliarist who would like to assist the Coast Guard in keeping our district waterways safe for navigation, become a qualified as an Aids to Navigation (ATON) Verifier PQS. We need your help in keeping our bridge lights, vertical clearance gauges, bridge fenders and aids to navigation watching properly. D11NR is tasked with verifying around 750 private aids to navigation (PATON) and 52 bridges annually. We also report any non-permitted PATONs and Coast Guards ATON discrepancies found. The only way we can carry out our district tasking is to have properly trained Aid Verifiers.

Please contact me James B. Duncan, DSO-NS and I will answer all your questions.

B. Starting January 1, 2017 all District 11 Aid Verifiers must hold or completed the following to be a certified aid verifier for 2017.

1. "Auxiliary Aids to Navigation (ATON) Verifier PQS" qualification & certification.
2. Must have completed the USCG Mandatory Training and keep them up to date. with the ones that have a 5 Year requirements.
3. TCT current. (5 Year & Annual workshop)
4. Have submitted one ATON or one PATON or one Bridge report in 2015 or 2016. Except those AV-PQS qualified in 2016.

C. For Non-AV-PQS certified Aid Verifier 2016, current "Certified Aid Verifiers" maybe granted a training waiver for 2017 by the DSO-NS if you're in AV-PQS training program. We need your help, so please complete your AV-PQS training ASAP. If you need help or have any question please contact me your DSO-NS.

D. The training prerequisites need before completing the AV-PQS course:

- 1) You are required to have a copy of the Auxiliary Aids to Navigation (ATON) Verifier PQS sign off booklet completed,
- 2) BQ or AX member,
- 3) Completion of the 4 or 8 hour TCT,
- 4) Completing ICS 100 and ICS 700,
- 5) Complete the USCG Mandatory Training and keep up with the one that have a 5 Year requirements.
- 6) All Major Tasks can be signed off by any Certified Aid Verifier with the exception of Tasks 3.6, 5.1, 5.2, 5.3, 6.6. 7.2 & 7.3. These tasks shall be signed-off only by the DSO-NS.

The sign off booklet and training material can be downloaded from the following National Navigation Systems web sites.

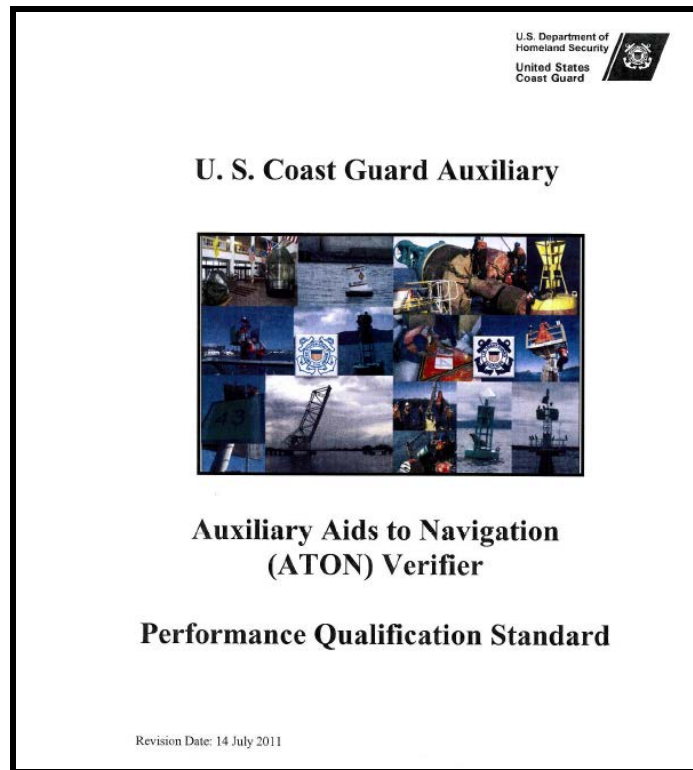
- 1) National Navigation Systems web site:
<http://wow.uscgaux.info/content.php?unit=P-DEPT&category=navigation-systems>
- 2) D11NR Navigation Systems web site:

<http://wow.uscgaux.info/content.php?unit=113&category=navigation-systems>

3) D1NR Navigation Systems web site:

<http://www.uscgaan.com>

These three web sites can just about answer any and all of your questions about Aid Verifier PQS qualification, aids to navigation, bridges & chart updating. Take a good look at all three (3) by navigating through these excellent web sites. If you are interested please contact your FSO-NS, SO-NS or DSO-NS.



James B. Duncan, DSO-NS 11(NR)

dvc.on@comcast.net

<http://wow.uscgaux.info/content.php?unit=113&category=navigation-systems>

“All auxiliary vessels when underway should be checking all Aids to Navigations for any type of Discrepancy and also should be checking the Charts, Coast Pilot & Shoreline for any type of Charting Errors as well as providing update reports on Charts, & Coast Pilot in your AOR”

DATES OF CHART LATEST EDITION TABLE
In D11 Northern Region March 5, 2017

Chart No.	Chart Scale	Edition No.	Traditional Paper Chart Edition Date	Last Correction Date from LNM Update for NOAA On-Line-Viewer & RNC & ENC Navigational Charts	
18600	196,948	15	Mar 2011	LNM 06/17	02/07/2017
18020	1,444,000	39	Jan 2012	LNM 06/17	02/07/2017
18010	811,980	22	Sep, 2012	LNM 06/17	02/07/2017
18022	868,003	36	Jun 2012	LNM 06/17	02/07/2017
18601	40,000	14	Feb 2007	LNM 06/17	02/07/2017
18602	40,000	13	Feb 2012	LNM 06/17	02/07/2017
18603	40,000	17	Mar 2012	LNM 06/17	02/07/2017
18605	15,000	13	Dec 2010	LNM 06/17	02/07/2017
18620	200,000	24	Feb 2012	LNM 06/17	02/07/2017
18622	25,000	56	APR 2016	LNM 06/17	02/07/2017
18623	40,000	12	Jan 2012	LNM 06/17	02/07/2017
18626	40,000	16	Dec 2012	LNM 06/17	02/07/2017
18628	10,000	9	Oct 2012	LNM 06/17	02/07/2017
18640	207,840	27	Oct 2015	LNM 06/17	02/07/2017
18643	30,000	18	Dec 2009	LNM 06/17	02/07/2017
18645	100,000	28	May 2013	LNM 06/17	02/07/2017
18647	40,000	16	Mar 2009	LNM 06/17	02/07/2017
18649	40,000	68	Jun 2013	LNM 06/17	02/07/2017
18650	20,000	58	Jan 2017	LNM 06/17	02/07/2017
18651	40,000	45	Dec 2013	LNM 06/17	02/07/2017
18652 SC	40,000:80,000	36	Feb 2012	LNM 06/17	02/07/2017
18653	20,000	12	Oct 2012	LNM 06/17	02/07/2017
18654	40,000	45	Jan 2012	LNM 06/17	02/07/2017
18655	10,000	59	Oct 2006	LNM 06/17	02/07/2017
18656	40,000	56	Aug 2010	LNM 06/17	02/07/2017
18657	10,000	19	Nov 2005	LNM 06/17	02/07/2017
18658	10,000	31	Sep 2007	LNM 06/17	02/07/2017
18659	10,000	16	Jan 2012	LNM 06/17	02/07/2017
18660	20,000	3	Sep 2005	LNM 06/17	02/07/2017
18661 SC	40,000	30	Mar 2009	LNM 06/17	02/07/2017
18662 SC	40,000	22	May 2009	LNM 06/17	02/07/2017
18663	20,000	6	Apr 2006	LNM 06/17	02/07/2017
18664	20,000	12	Aug 26, 2000	LNM 06/17	02/07/2017
18665	40,000	11	Aug 2004	LNM 06/17	02/07/2017
18666	10,000	1	Nov 24, 2001	LNM 06/17	02/07/2017
18667	20,000	12	Aug 26, 2000	LNM 06/17	02/07/2017
18680	210,668	32	May 2013	LNM 06/17	02/07/2017
18682	20,000	15	APR 2016	LNM 06/17	02/07/2017
18685	50,000	34	Sep 2012	LNM 06/17	02/07/2017
18686	40,000	13	Jul 17, 1999	LNM 06/17	02/07/2017
18700	216,116	22	Jul 2003	LNM 06/17	02/07/2017
Coast Pilot	Volume 7	49	2017 New Edition	Last Corrected through 02/26/2017	
CG Light List Weekly Updates	Volume 6	2017	Updated weekly	Last Corrected though LNM 09/17 – Dated 3/01/2017	