



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. 2017-07

Date: August 3, 2017
From: DSO-NS 11(NR)
To: DCAPT- P & 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 July 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-1>

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1. ONE-HALF OF OUR VERIFYING PRIVATE AIDS SEASON IS OVER! WE ONLY HAVE ONLY AUGUST AND SEPTEMBER TO COMPLETE OUR 2017 SEASON!

Each year, we have only until September 30th to perform our Coast Guard assigned field work and July is now over. By the end of July we completed **52%** of meeting our 2017 Annual assignments. Our annual challenge is 100%. How is your Division doing so far? Well, that’s what this report/bulletin is all about.

Each year the Auxiliary commits to verifying 100% of the total assigned private aids in Eleventh District. While this is called an objective, in actuality, it is much more than that. Mainly because, if we don’t complete this assignments, the D11 (dpw) are held responsible to complete them for us. So far, we have not failed the Coast Guard.

It is important to understand that Navigation Systems provides a multi-faceted program each year that breaks down into three main categories.

- 1. Annual Bridge Survey Plan.** Bridges may be surveyed all year with focus on the spring months. 2017 is 100% Completed.
- 2. Annual Private Aid Verifications Plan.** This program has a basic five month window for completion 100%. To date we have verified **52%** in 2017.
- 3. The “Unauthorized Aid” Program Plan.** It is important to identify these aids and report them to the Coast Guard. Many of the unauthorized private aids have been identified or converted to a permitted PATONs. To date we have reported 17 non-permitted private aids in 2017.

When you review the critical part of the Navigation Systems Programs, Bridge surveys and PATON verifications is the most important parts due to their impact on D11 (dpw). With 50% of the operational year having passed, as always, there is good news and bad news. The good

news is the AVs have reported 100% of the bridges and 52.0% of the aids scheduled for 2017 verification. This is the good news.

And now for the bad news, one division has completed less than 25% of their assigned PATONs to date. Item number 3 on Page 4 shows a summary of the reported activity so far in 2017. Check out how your Division is responding to their 2017 assignments.

Each Division's progress is being tracked and reported to the District Board each month. Keep sending your reports or making your reports in a timely manner.

Check Item number 4 on page 5 for what AUXDATA has recorded for your Navigation Systems activity.

2. PLEASE JOIN ME AT THE 50TH SEMI-ANNUAL PAST COMMANDERS ASSOCIATION TRAINING FAIR: I will be conducting Chart Updating ICS and Auxiliary Aids to Navigation (ATON) Verifier PQS Training Course at the Past Commanders Training Fair on September 9 & 10, 2017. If you have not signed up yet, you can get the "Past Commanders Association Training Fair flyer" on the District web site at https://drive.google.com/file/d/0B4_1qxZeT7H3cnp2bmh6MIFTdnM/view.

(1) Chart Updating CSI & NOAA's Nautical Discrepancy Report System: Again any Auxiliary member can participate in & do chart updating & coast pilot updating. This class will be held on Saturday, September 9, 2016. This course is for any Auxiliary Member who would like to learn all about Chart, & Coast Pilot Updating. How to submit your chart updated or Coast Pilot reports through the NOAA Office of Coast Survey - NOAA's Nautical Discrepancy Report System to assist the NOAA-National Ocean Service, NOAA Coast Survey and the U. S. Coast Guard in keeping our charts and waterways information correct. The focus for the Auxiliary Chart Updating program is on prevention, accuracy, credibility, and professionalism, and is directed toward raising your competence in the eyes of NOAA-NOS. There are specific guidelines for taking fixes and depths that require pre-underway validation of all equipment that is used to perform measurements, and for reporting quality control evidence for each on-scene observation and instrument reading. Also required are explanations of the technique(s) used to acquire any reported data. Auxiliary observers are directed to define each chart update task, list their on-scene observations, develop a conclusion from the collected evidence and make a final recommendation to NOS. A fresh scientific approach is encouraged. Evidence can take the form of a fix taken with a GPS set using WAAS, depths corrected to the charted vertical datum, physical measurements, photographs, drawings, marked up chart, Google Earth data and other printouts from the Internet can also supply great supporting data. Any official document that supports your contention is great supporting evidence. In effect, you are pleading your case for acceptance of your premise as a chart update or coast pilot update to NOAA-NOS. This class we also take you step by step on how to submit a report to NOS through the online Office of Coast Survey - NOAA's Nautical Discrepancy Report System.

Again any Auxiliary member can participate chart updating. Any Auxiliary Member who would like to update or improve their charting skills can also sign up. You can also find out about downloading excellent Chart Updating information, guides, training power points, all the new excel field reporting forms and worksheets and the

WebEx Training Topics Schedule from the best two District Navigation Systems web sites in the auxiliary.

1) D11NR Navigation Systems web site:

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

2) D1NR Navigation Systems web site: <http://www.uscgaan.com>

These two web sites can just about answer any and all of your questions about chart updating. Take a good look at both by navigating through these two excellent web sites and don't forget to check out the National Navigation System web site at:

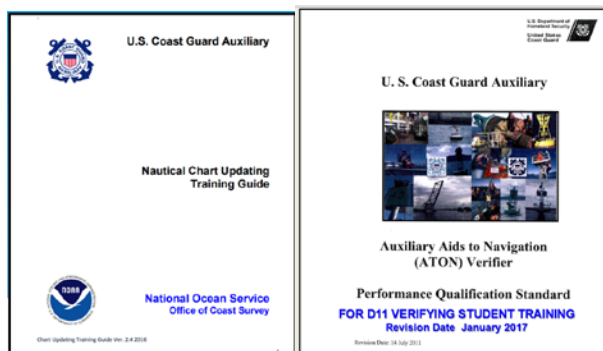
<http://wow.uscgaux.info/content.php?unit=P-DEPT&category=navigation-systems>

(2). Auxiliary Aids to Navigation (ATON) Verifier PQS Training Course: On Sunday September 10, 2016. This course is for those members who would like to become an Auxiliary Aids to Navigation (ATON) Verifier PQS qualified and assist the Coast Guard with their Aids to Navigation & Bridges. We are in great need of trained Aid Verifier-PQS members. As of January 1, 2017 all District 11 Aid Verifiers must be National AV-PQS certified. Any pass or present District Aid Verifiers who would like to update to the AV-PQS qualification or update their skills are also welcome.

The training Prerequisites to completing the course:

- 1) A BQ or AX member,
- 2) A current or past Aid Verifier and any Auxiliary Member,
- 3) Completion of the 4 or 8 hour TCT,
- 4) Completing ICS 100 and ICS 700,
- 5) You are required to have a copy of the Auxiliary Aids to Navigation (ATON) Verifier PQS sign off booklet,
- 6) The sign off booklet and training material can be downloaded from the National Navigation Systems web site: <http://wow.uscgaux.info/content.php?unit=P-DEPT&category=navigation-systems> and/ or the District 11 Northern Navigation Systems web site: <http://wow.uscgaux.info/content.php?unit=113&category=navigation-systems>.

Please download a copy of the “**Auxiliary Aids to Navigation (ATON) Verifier**” PQS sign off Booklet. Use this booklet as your study guide while attending the AV training course. Just sign up.



3. 2017 NAVIGATION SYSTEMS ACTIVITY REPORT:

This summary report activity table covers all ATON, PATON, Bridge, & Chart Updating activities & reports received by D11 (dpw), NOAA-NOS & AUXINFO through **July 31, 2017**.

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

Div.	AIDS TO NAVIGATION ACTIVITY							Bridges Assigned				PATON's Assigned				2017 AVPQ in Train- ing	A V - P Q S
	Bridge	Bridge AUX Data <small>Lead only</small>	ATON	ATON AUX DATA <small>Lead only</small>	PATON	PATON NO Permit	PATON AUX DATA <small>Lead only</small>	AOR	Check	% Done	Still to Do	AOR	Check	% Done	Still to Do		
1	4		1		48		8	4	4	100%	0	104	48	46%	56	2	7
3	19	11	2	1	16	5		15	15	100%	0	41	16	39%	25	0	4
4	2				6			2	2	100%	0	68	6	9%	62	1	2
5	12	7	1	10	93		38	11	11	100%	0	103	86	83%	17	1	4
6	2	2	1	1	38	4	19	2	2	100%	0	67	38	57%	29	0	2
8	1	1			6		10	1	1	100%	0	5	5	100%	0	0	0
10	9				22			9	9	100%	0	58	22	38%	36	3	3
11					44	8	15	0	0	100%	0	140	44	31%	96	0	3
12	8	2			119		97	8	8	100%	0	150	116	77%	34	0	6
Total	57	23	5	12	392	17	187	52	51	100%	0	736	381	52%	355	7	31

Div.	2017 D11NR Chart Updating Year Jan 1, 2017 to Mar 31, 2017			2017 D11NR Chart Updating Year April 1, 2017 to Dec 31, 2017			2017-2018 NOAA-NOS Chart Updating Year Apr 1, 2017 to Mar 31, 2018		
	CU Reports	2nd Ob	CUC (26)	CU Reports	2nd Ob	CUC (26)	CU Reports	2nd Ob	CUC (26)
1									
3	6		156	6		156	6		
4									
5									
6									
8									
10									
11									
12									
Total	6	0	156	6	0	156	6		

Total D11 CU Reports 1/1/17 through 12/31/17 → **6** Total D11-NOAA CU & CUC 4/1/17 through 3/31/18 → **6** **0**

Total Aids to Navigation Reports **471** Total Members Submitting ATON & CU Reports in 2017 → **27**

Total Aids to Navigation in AUXDATA* **222** **222 out of 471 ATON reports showing up in AUXDATA → 47%**

Total NOAA Chart Updating Reports **6**

Total ATON & Chart Updating **477**

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.

➤ **Note: *Red numbers above is the information from AUXINFO as of JULY 31, 2017 update.**

➤ **NOAA-NOS Chart Updating Year is from - April 1 through March 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.**

4. 2017 NAVIGATION SYSTEMS AUXINFO REPORT AS OF July 30th:

Check below to see if your activity in AUXDATA? IF Not Why Not? Did you submit a 7030?

Studio - AUXDATA Member Activities
 ed on Sunday, July 30, 2017.

All Facilities | All Unit Locations | All Activities | CY 2017 | All Statuses | LEAD | All Operations

		BRIDGE - Bridge Administration (32)		FEDERAL - (30) Aton/Chart Updating		PRIVATE - Private - Aids To Navigation (31)	
		ATON Bridges Verified	ATON Bridge Discrepancies Reported	ATON Aids Verified	ATON Aid Discrepancies Reported	ATON Aids Verified	ATON Aid Discrepancies Reported
113-01-09 COYOTE POINT	▼ VETTER, LINDA L	0	0	0	0	8	0
	▼ 113-01-09 COYOTE POINT	0	0	0	0	8	0
▼ 11NR - Div 01		0	0	0	0	8	0
113-03-05 SACRAMENTO	▼ DUNCAN, JAMES B	0	10	0	1	0	0
	▼ MACPHERSON, DOUGLAS W	0	1	0	0	0	0
	▼ 113-03-05 SACRAMENTO	0	11	0	1	0	0
▼ 11NR - Div 03		0	11	0	1	0	0
113-05-03 NORTH SOLANO COUNTY	▼ HUNT, GORDON E	1	0	0	0	10	4
	▼ 113-05-03 NORTH SOLANO COUNTY	1	0	0	0	10	4
113-05-05 SONOMA COUNTY	▼ SUMNER II, WILFRED A	4	2	9	1	17	7
	▼ 113-05-05 SONOMA COUNTY	4	2	9	1	17	7
▼ 11NR - Div 05		5	2	9	1	27	11
113-06-10 CAPITOLA FLOTILLA	▼ SIMPSON, BRUCE	0	2	0	0	11	4
	▼ SMITH JR, WALLACE A	0	0	1	0	0	4
	▼ 113-06-10 CAPITOLA FLOTILLA	0	2	1	0	11	8
▼ 11NR - Div 06		0	2	1	0	11	8
113-08-11 CRESCENT CITY FLOTILLA	▼ STEWART, GREGORY M	0	1	0	0	10	0
	▼ 113-08-11 CRESCENT CITY FLOTILLA	0	1	0	0	10	0
▼ 11NR - Div 08		0	1	0	0	10	0
113-11-01 NORTH LAKE TAHOE	▼ THEE, BRUCE W	0	0	0	0	4	11
	▼ 113-11-01 NORTH LAKE TAHOE	0	0	0	0	4	11
▼ 11NR - Div 11		0	0	0	0	4	11
113-12-01 EAST BAY	▼ SCHIMMELMAN, NANCY R	0	0	0	0	11	14
	▼ 113-12-01 EAST BAY	0	0	0	0	11	14
113-12-91 SAN RAMON VALLEY	▼ BOGERT, JOHN M	2	0	0	0	0	2
	▼ LOSI, JAMES G	0	0	0	0	1	9
	▼ LUCHETTI, VIRGINIA	0	0	0	0	28	32
	▼ 113-12-91 SAN RAMON VALLEY	2	0	0	0	29	43
▼ 11NR - Div 12		2	0	0	0	40	57
DISTRICT 113 TOTALS		7	16	10	2	100	87

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

dvc.on@comcast.net

<http://wow.uscgaux.info/content.php?unit=113&category=navigation-systems-1>

“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 August 3, 2017

Chart No.	Chart Scale	Edition No.	Traditional Paper Chart Edition Date	Last Correction Date from LNM Update from NOAA On-Line-Viewer & RNC & ENC Navigational Charts	
18600	196,948	15	Mar 2011	LNM 29/17	07/18/2017
18020	1,444,000	39	Jan 2012	LNM 29/17	07/18/2017
18010	811,980	22	Sep, 2012	LNM 29/17	07/18/2017
18022	868,003	36	Jun 2012	LNM 29/17	07/18/2017
18601	40,000	14	Feb 2007	LNM 29/17	07/18/2017
18602	40,000	13	Feb 2012	LNM 29/17	07/18/2017
18603	40,000	17	Mar 2012	LNM 29/17	07/18/2017
18605	15,000	13	Dec 2010	LNM 29/17	07/18/2017
18620	200,000	24	Feb 2012	LNM 29/17	07/18/2017
18622	25,000	56	APR 2016	LNM 29/17	07/18/2017
18623	40,000	12	Jan 2012	LNM 29/17	07/18/2017
18626	40,000	16	Dec 2012	LNM 29/17	07/18/2017
18628	10,000	9	Oct 2012	LNM 29/17	07/18/2017
18640	207,840	27	Oct 2015	LNM 29/17	07/18/2017
18643	30,000	18	Dec 2009	LNM 29/17	07/18/2017
18645	100,000	28	May 2013	LNM 29/17	07/18/2017
18647	40,000	16	Mar 2009	LNM 29/17	07/18/2017
18649	40,000	68	Jun 2013	LNM 29/17	07/18/2017
18650	20,000	58	Jan 2017	LNM 29/17	07/18/2017
18651	40,000	45	Dec 2013	LNM 29/17	07/18/2017
18652 SC	40,000:80,000	36	CANCELLED	LNM 24/17	06/14/2017
18653	20,000	12	Oct 2012	LNM 29/17	07/18/2017
18654	40,000	45	Jan 2012	LNM 29/17	07/18/2017
18655	10,000	59	Oct 2006	LNM 29/17	07/18/2017
18656	40,000	56	Aug 2010	LNM 29/17	07/18/2017
18657	10,000	19	Nov 2005	LNM 29/17	07/18/2017
18658	10,000	31	Sep 2007	LNM 29/17	07/18/2017
18659	10,000	16	Jan 2012	LNM 29/17	07/18/2017
18660	20,000	3	Sep 2005	LNM 29/17	07/18/2017
18661 SC	40,000	30	Mar 2009	LNM 29/17	07/18/2017
18662 SC	40,000	22	May 2009	LNM 29/17	07/18/2017
18663	20,000	6	Apr 2006	LNM 29/17	07/18/2017
18664	20,000	12	Aug 26, 2000	LNM 29/17	07/18/2017
18665	40,000	11	Aug 2004	LNM 29/17	07/18/2017
18666	10,000	1	Nov 24, 2001	LNM 29/17	07/18/2017
18667	20,000	12	Aug 26, 2000	LNM 29/17	07/18/2017
18680	210,668	32	May 2013	LNM 29/17	07/18/2017
18682	20,000	15	APR 2016	LNM 29/17	07/18/2017
18685	50,000	34	Sep 2012	LNM 29/17	07/18/2017
18686	40,000	13	Jul 17, 1999	LNM 29/17	07/18/2017
18700	216,116	22	Jul 2003	LNM 29/17	07/18/2017
Coast Pilot	Volume 7	49	2017 New Edition	Last Corrected through 07/30/2017	
D11 CG Light List Weekly Updates	Volume 6	2017	Updated weekly	Last Corrected though LNM 30/17 – Dated 7/26/2017	