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. 2017-04

Date: May 1, 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 April 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

CONTENTS OF THIS REPORT

1. Reminder to all Aid Verifiers your Bridge Survey Reports are due by May 27th:

D11(dpw) Bridge has set the end of May for all 2017 Bridge Survey Reports be completed and returned by the end of the month. This will allow Bridge Section to contact the bridge owners about any discrepancy to their bridges and get them corrected before summer boating season. If I received your Bridge Survey Reports by <u>Monday May 29th</u> they will be in to D11 (dpw) Bridge Section by the end of the month. <u>We still need to do 28 bridges by the end of the month.</u>

2. 2017 NAVIGATION SYSTEMS AUXINFO REPORT:

This summary report activity table covers all ATON, PATON, Bridge, & Chart Updating activities & reports received by D11 (dpw), NOAA-NOS & AUXINFO through April 30, 2017.

AUXDATA Member Activities

...hed on Sunday, April 30, 2017.

		BRIDGE - Bridge Administration (32)		FEDERAL - (30) Aton/Chart Updating	PRIVATE - Private - Aids To Navigation (31)	
All Unit Locations ▼ / All Activities ▼ / CY 2017 ▼ / All Statuses ▼ / LEAD ▼ / All Operations ▼ / All Claimants ▼		ATON Bridges Verified	ATON Bridge Discrepancies Reported	ATON Aid Discrepancies Reported	ATON Aids Verified	ATON Aid Discrepancies Reported
113-03-05 SACRAMENTO	▽ DUNCAN, JAMES B	0	7	1	0	0
	▽ MACPHERSON, DOUGLAS W	0	1	0	0	0
	▽ 113-03-05 SACRAMENTO	0	8	1	0	0
▽ 11NR - Div 03		0	8	1	0	0
113-05-03 NORTH SOLANO COUNTY	▽ HUNT, GORDON E	1	0	0	0	0
	▽ 113-05-03 NORTH SOLANO COUNTY	1	0	0	0	0
▽ 11NR - Div 05		1	0	0	0	0
113-06-10 CAPITOLA FLOTILLA	▽ SIMPSON, BRUCE	0	2	0	2	0
	▽ 113-06-10 CAPITOLA FLOTILLA	0	2	0	2	0
▽ 11NR - Div 06		0	2	0	2	0
113-12-01 EAST BAY	▽ SCHIMMELMAN, NANCY R	0	0	0	1	1
	▽ 113-12-01 EAST BAY	0	0	0	1	1
113-12-91 SAN RAMON VALLEY	▽ BOGERT, JOHN M	2	0	0	0	2
	▽ 113-12-91 SAN RAMON VALLEY	2	0	0	0	2
▽ 11NR - Div 12		2	0	0	1	3
		3	10	1	3	3
▽ ... / ▽ ...		3	10	1	3	3

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 **MAY 1, 2017.**

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

Div.	AIDS TO NAVIGATION ACTIVATY							Bridges Assigned				PATON's Assigned				2017 AVPQ in Training	AVPQS
	Bridge	Bridge AUX Data Lead only	ATON	ATON AUX DATA Lead only	PATON	PATON NO Permit	PATON AUX DATA Lead only	AOR	Check	% Done	Still to Do	AOR	Check	% Done	Still to Do		
1	4				17			4	4	100%	0	104	17	16%	87	2	7
3	16	8	2	1	2			15	14	93%	1	41	2	5%	39	0	4
4								2		0%	2	68		0%	68	1	2
5	3	1			12			11	3	27%	8	103	12	12%	91	1	4
6	2	2			2	1	2	2	2	100%	0	67	2	3%	65	0	2
8								1		0%	1	5		0%	5	0	0
10								9		0%	9	58		0%	58	3	3
11								0		100%	0	140		0%	140	0	3
12	2	2			3		4	8	2	25%	6	150	2	1%	148	1	5
Total	27	13	2	1	36	1	6	52	25	48%	27	736	35	5%	701	8	30

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)
3									
4									
5									
6									
8									
10									
11									
12									
Total	0	0	0	0	0	0			

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

Total Aids to Navigation Reports	66	Total Members Submitting ATON & CU Reports in 2017 →	12
Total Aids to Navigation in AUXDATA	*20*	*20 out of 66 ATON & CU reports showing up in AUXDATA →*	**30%**

Total NOAA Chart Updating Reports	0	A= ATON, P= PATON, B= Bridges, U= Unauthorized, CU=Chart Updates
Total ATON & Chart Updating	66	CU C = 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 MAY 1, 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.

4. Best Practices Reporting in D11 Navigation Systems Activity into AUXDATA

There seems to be a great deal of confusion on how to report your **Navigation Systems (NS)** activity: ATONs, PATONs and Bridges. As a result, we are noticing that many Aid Verifiers are not making 7030 reports. Hopefully, this document will guide you through a few easy steps for reporting on and off the water NS activity whether performed under orders and/or on your personal time.

The Navigation Systems Division promotes four different Auxiliary activities. They are Federal Short Range Aids to Navigation (ATON), Private Aids to Navigation (PATON), Bridges Surveys (BA) and Chart Updating (CU). Any Auxiliarist can report a *discrepancy* observed on a PATON; any Auxiliarist can observe and report a *discrepancy* observed on an ATON or bridge; and any Auxiliarist may submit Chart Updates. However, you must be Aid Verifier (PQS) qualified & district certified to *verify* a PATON, perform formal checks on an ATON and perform annual Bridge surveys.

Once you perform the observations, only one third of your job is completed. You still have to report it to the Coast Guard D11 (dpw) Most members mistakenly feel that their job is done when they fill out and submit an aid or bridge form to the Coast Guard. Not true! You still need to fill out an ANSC 7030 Mission Activity Report and submit it to your FSO-IS staff officer. Statistics from this data are extremely important to the future of the Navigation Systems Division. How the ANSC 7030 Mission Activity Report is completed and submitted to AUXDATA is explained below.

The Navigation Systems missions are reported using one of the four following mission codes:

30 AIDS TO NAVIGATION MISSION-FEDERAL – This activity includes hours and activity performed by any Auxiliarist checking for and reporting discrepancies observed on an aid to navigation while underway. It also includes formal checks performed by a currently certified and qualified AV at the direct request of any CG Unit or agency. It also includes hours spent by a Certified Aid Technician "NE" servicing any Federal Short Range ATON (including Lighthouses).

31 AIDS TO NAVIGATION MISSION-PRIVATE – This activity includes the hours spent and the activity performed by any Auxiliarist checking for and reporting discrepancies observed on a private aid to navigation. It also includes hours and activity spent by a currently certified and qualified AV (PQS) while verifying private aids to navigation at the direction of D11 (dpw) or CG Unit or any other agency and while documenting and reporting non-permitted private aids to navigation.

32 BRIDGE ADMINISTRATION – This activity includes the hours spent and the activity performed by any Auxiliarist observing and reporting any bridge lighting and fender systems discrepancy. It also includes hours spent and activity performed by a currently certified and qualified AV (PQS) surveying bridge lighting and fender systems at the direction of a Coast Guard D11 (dpw) Bridges.

41 FEDERAL SUPPORT – This activity includes hours spent providing operational/non-operational support to other federal agencies, such as Customs, Corps of Engineers or NOAA as requested and authorized by the Coast Guard. Included under this mission are: Chart Updating and Coast Pilot updates.

Important rule: All patrol missions are entered by the Coxswain within the online Resource: AUXDATA Order Management (AOM) web form and all members receive credit for being underway regardless of the boat mission(s) (01, 02, 03 etc.). The Coxswain is the only crew member to submit an AOM report for ordered mission. You cannot report any activity on this report or the reports submitted via AOM. Each AV-PQS must submit their own ANSC 7030 Activity Report Mission Individual Report to your FSO-IS in order to get their NS activity recorded in AUXDATA.

Reporting Aid Verifier's Individual activity performed under orders:

Once the patrol has ended, it is time for each participating AV-PQS, to fill out a SEPARATE 7030 for the NS mission(s) you've just completed. Note that members without AV-PQS qualification cannot report Navigation Systems activity that is restricted only to members who are currently qualified and certified as AV-PQS. Follow these steps:

1. When possible, use the National email forms as they will only allow you to fill out the specific section relevant to the mission you've selected. The link: http://forms.cgaux.org/email/a7030s.pdf.

2. For AV-PQS activity performed while on an authorized patrol, the "start time" must be any time AFTER your reported patrol times. The reason for this is that AUXDATA cannot handle you in two places at the same time period. Mission times cannot overlap in AUXDATA. For example, if you're Mission 01A-Maritime Observation (MOM) or 03-Navigation Systems Patrol ended at 1500 hours start your 7030 report time at 1515 and terminate it at 1615. The total time that you report should not exceed 1 hour, the time allotted after the patrol for preparing reports that you submit to the D11 (dpw) through DSO-NS. AUXDATA requires some interval of time associated with a mission, so regardless of the number aids, bridges etc. you checked, you should only take 1 hour because the "Boat" report, submitted by the coxswain, credits you for your actual time underway. Otherwise you might be double reporting your time.

3. When reporting your mission activity, be sure to fill out the proper ATON, PATON or Bridge section on the 7030. See Example #1 below on page 7.
For example: if you select Mission 30, then, because you are reporting Federal aid activity, only enter data in the "ATON Discrepancies" and "ATONs Watching Properly" fields.
For example: if you select Mission 31, then, because you are reporting Private aid activity, only enter data in the "PATON Discrepancies" and "PATONs Watching Properly" fields.
Likewise, when you are reporting Bridge - Mission 32 activity, only use the fields specifying "Bridge Discrepancies" and "Bridges Watching Properly."
We have been noticing that AUXDATA is containing errors with bridges reported under Aids and Aids under bridges etc... Please check AUXINFO occasionally and verify that what you all of your reports is being entered correctly.

4. When reporting Navigation System mission activity, each Auxiliarist must report their own individual activity. Only one person goes on the Individual 7030 report.

5. Specific Navigation System activity can only be reported once by any Auxiliarist.
For example: Two members go out on patrol and check a total of 10 items whether they are aids or bridges. Assuming the proper qualification, each member could submit an Individual 7030 showing 5 buoys each for a total of ten items being reported. Never enter 10 aids for each member because AUXDATA report would erroneously show 20 aids checked.

6. Fill in **LOCATION** of mission and **OPCON.**
The Coast Guard tracks the different Operational Control (**OPCON**) centers. The OPCON in D11 is usually Sector San Francisco (11-37270) that is responsible for the aids or bridges in the Eleventh Coast Guard District.

7. List the aids or bridges you checked in the comments section and indicate if they were discrepant or watching properly. This is an option.

8. You can submit multiple NS missions on the 7030.
It is very important that the categories match up with the activity described in step 3 above. See EXAMPLE #2 below on page 8.

Reporting ATON Activity while on your own time:

1. Did you know that you can get AUXDATA credits if you casually perform NS activity while out on your boat or car on your own time? For example, you casually come upon an aid or bridge discrepancy while on a pleasure trip with your family.

2. Prepare a **Unit/Individual** 7030 Activity Report and report the TOTAL time you spent on the mission along with the activity. You can report your total time fully because you are not double reporting; the total time you report should include the time spent preparing reports that you submitted to the D11 (dpw).

Checking your Activity in AUXINFO: (No pass word needed)

1. Go to http://uscgaan.com/aton_auxdata_information.htm and scroll down and click on the *National Summary by District* link. This will take you to the "AUXDATA Member Activity-ATON-Aids to Navigation (30, 31, and 32). From this screen you can drill right down to a specific person to check their reporting status.
   ➢ In the heading check that you have the right year (CY 20xx) then
   ➢ Click on (11NR-Eleventh Northern
   ➢ Click on Sector San Francisco
   ➢ Click on your Division
   ➢ Click on your Flotilla
   ➢ Under your name you will see your Navigation Systems Activity that is in AUXDATA

Just note that if you have not reported your NS activity (7030) to the FSO-IS or they have not entered your NS activity correctly into AUXDATA it will not appear.

Any questions, feel free to contact:
James B. Duncan, 113 DSO-NS
dvc.on@comcast.net

Special consideration to Mike Quinn, 013, SO-NS & Ed Martin, DVC-PN

113 DSO-NS Rev. 4/30/2017

EXAMPLE #1 with single NS mission entered below

DEPARTMENT OF HOMELAND SECURITY U.S. COAST GUARD ANSC-7030 (09-10)	U.S. COAST GUARD AUXILIARY **ACTIVITY REPORT - MISSION**	Division **03** Flotilla **10** MISSION DATE DDMMMYY **28APR17**

SECTION I   TYPE OF RESOURCE   ☐ Air   ☐ Boat   ☐ Radio   ✓ Unit/Individual

SECTION II   TIME & MISSION

Always record START TIME, START MISSION, and FINISH TIME. (See MISSION list on page 3.)
Use change boxes if mission changes. <u>See instructions.</u>   *Elapsed Time: 3.0*

		START	Change 1	Change 2	Change 3	Change 4	Change 5	FINISH
Clear >	TIME	2000						2300
	MISSION	31 ▼	▼	▼	▼	▼	▼	

SECTION III   ACTIVITY LOG DETAILS

Location: **North Delta Area, CA**	OPCON **11-37270** ▼	

PATROL MISSIONS ONLY

SAR ASSISTS ONLY

ATON	ATON Discrepancies		PATON Discrepancies	**3**	Bridge Discrepancies	
	ATONS Watching Properly		PATONS Watching Properly	**2**	Bridges Watching Properly	

SECTION IV   CREW ASSIGNMENTS

	Member ID	Last Name and Initials	Trainee	
LEAD	1 | 2 | 3 | 4 | 5 | 6 | 7	**AUXILIARIST, J**	----	*PE End-of-Course ONLY*
2	| | | | | |		☐	
3	| | | | | |		☐	
4	| | | | | |		☐	**LOCAL NOTES (non-AUXDATA):**
5	| | | | | |		☐	**D=DISCREPANCIES**
6	| | | | | |		☐	**WP=WATCHING PROPERLY**
7	| | | | | |		☐	
8	| | | | | |		☐	
9	| | | | | |		☐	

SECTION VI   REMARKS

Verifications of 5 PATONs: #200100164383-D, 200100164384-WP, 100117984502-D, 100117984504-WP, 100117221300-D

*Use **Member Activity Log (ANSC-7029)** for missions not reported on VE (ANSC-7038), RBSVP(ANSC-7046) or this form and for Travel & Prep time previously reported on this form.*

Date submitted	**28APR17**	**JOE AUXILIARIST** Submitting Member Name *(print)*	Report number	**1709**

Previous edition may be used until supply is exhausted COPY 2 - FSO-IS ▾   *PRINT ...*   ✓
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EXAMPLE #2 with multiple NS mission entered below

DEPARTMENT OF HOMELAND SECURITY U.S. COAST GUARD ANSC-7030 (09-10)	U.S. COAST GUARD AUXILIARY **ACTIVITY REPORT - MISSION**	Division **03** Flotilla **05** MISSION DATE DDMMMYY
		28APR17

SECTION I TYPE OF RESOURCE ☐ Air ☐ Boat ☐ Radio ✓ Unit/Individual

SECTION II TIME & MISSION

Always record START TIME, START MISSION, and FINISH TIME. (See MISSION list on page 3.) Use change boxes if mission changes. See instructions.

		START	Change 1	Change 2	Change 3	Change 4	Change 5	FINISH
Clear >	TIME	1800	1815	1910				1945
	MISSION	30 ▼	31 ▼	32 ▼	▼	▼	▼	

SECTION III ACTIVITY LOG DETAILS

Location: **D11 (dpw)Alameda, CA**   OPCON **11-37270** ▼

PATROL MISSIONS ONLY

SAR ASSISTS ONLY

ATON	ATON Discrepancies	1	PATON Discrepancies	1	Bridge Discrepancies	
	ATONS Watching Properly		PATONS Watching Properly	2	Bridges Watching Properly	1

SECTION IV CREW ASSIGNMENTS

	Member ID	Last Name and Initials	Trainee
LEAD	1 1 7 6 2 3 3	**AUXILIARIST, J**	----
2			☐
3			☐
4			☐
5			☐
6			☐
7			☐
8			☐
9			☐

PE End-of-Course ONLY

LOCAL NOTES (non-AUXDATA):
D=DISCREPANCIES
WP=WATCHING PROPERLY

SECTION VI REMARKS

The Verifications of 1 ATON LLNR 7690 -D; 3 PATONs #200100164383-D, #200100164384-WP, #100117984502-WP;1 BRIDGE SURVEY #43 WP

Use Member Activity Log (ANSC-7029) for missions not reported on VE (ANSC-7038), RBSVP(ANSC-7046) or this form and for Travel & Prep time previously reported on this form.

Date submitted	**28APR17**	**JOE AUXILIARIST** Submitting Member Name *(print)*	Report number	1709

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11.02E11.02F

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 May 1, 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 16/17	04/18/2017
18020	1,444,000	39	Jan 2012	LNM 16/17	04/18/2017
18010	811,980	22	Sep, 2012	LNM 16/17	04/18/2017
18022	868,003	36	Jun 2012	LNM 16/17	04/18/2017
18601	40,000	14	Feb 2007	LNM 16/17	04/18/2017
18602	40,000	13	Feb 2012	LNM 16/17	04/18/2017
18603	40,000	17	Mar 2012	LNM 16/17	04/18/2017
18605	15,000	13	Dec 2010	LNM 16/17	04/18/2017
18620	200,000	24	Feb 2012	LNM 16/17	04/18/2017
18622	25,000	56	APR 2016	LNM 16/17	04/18/2017
18623	40,000	12	Jan 2012	LNM 16/17	04/18/2017
18626	40,000	16	Dec 2012	LNM 16/17	04/18/2017
18628	10,000	9	Oct 2012	LNM 16/17	04/18/2017
18640	207,840	27	Oct 2015	LNM 16/17	04/18/2017
18643	30,000	18	Dec 2009	LNM 16/17	04/18/2017
18645	100,000	28	May 2013	LNM 16/17	04/18/2017
18647	40,000	16	Mar 2009	LNM 16/17	04/18/2017
18649	40,000	68	Jun 2013	LNM 16/17	04/18/2017
18650	**20,000**	**58**	**Jan 2017**	LNM 16/17	04/18/2017
18651	40,000	45	Dec 2013	LNM 16/17	04/18/2017
18652 SC	40,000:80,000	36	Feb 2012	LNM 16/17	04/18/2017
18653	20,000	12	Oct 2012	LNM 16/17	04/18/2017
18654	40,000	45	Jan 2012	LNM 16/17	04/18/2017
18655	10,000	59	Oct 2006	LNM 16/17	04/18/2017
18656	40,000	56	Aug 2010	LNM 16/17	04/18/2017
18657	10,000	19	Nov 2005	LNM 16/17	04/18/2017
18658	10,000	31	Sep 2007	LNM 16/17	04/18/2017
18659	10,000	16	Jan 2012	LNM 16/17	04/18/2017
18660	20,000	3	Sep 2005	LNM 16/17	04/18/2017
18661 SC	40,000	30	Mar 2009	LNM 16/17	04/18/2017
18662 SC	40,000	22	May 2009	LNM 16/17	04/18/2017
18663	20,000	6	Apr 2006	LNM 16/17	04/18/2017
18664	20,000	12	Aug 26, 2000	LNM 16/17	04/18/2017
18665	40,000	11	Aug 2004	LNM 16/17	04/18/2017
18666	10,000	1	Nov 24, 2001	LNM 16/17	04/18/2017
18667	20,000	12	Aug 26, 2000	LNM 16/17	04/18/2017
18680	210,668	32	May 2013	LNM 16/17	04/18/2017
18682	20,000	15	APR 2016	LNM 16/17	04/18/2017
18685	50,000	34	Sep 2012	LNM 16/17	04/18/2017
18686	40,000	13	Jul 17, 1999	LNM 16/17	04/18/2017
18700	216,116	22	Jul 2003	LNM 16/17	04/18/2017
Coast Pilot	**Volume 7**	**49**	**2017 New Edition**	Last Corrected through 04/23/2017	
D11 CG Light List Weekly Updates	**Volume 6**	**2017**	**Updated weekly**	Last Corrected though LNM 17/17 – Dated 4/27/2017	