



# U.S. Coast Guard Auxiliary

District 113

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**

### 2019-07-113 DSO-NS Report/Bulletin

Date: August 5, 2019  
 From: D113 DSO-NS  
 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 Report/Bulletin Ending July 31<sup>st</sup>.

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

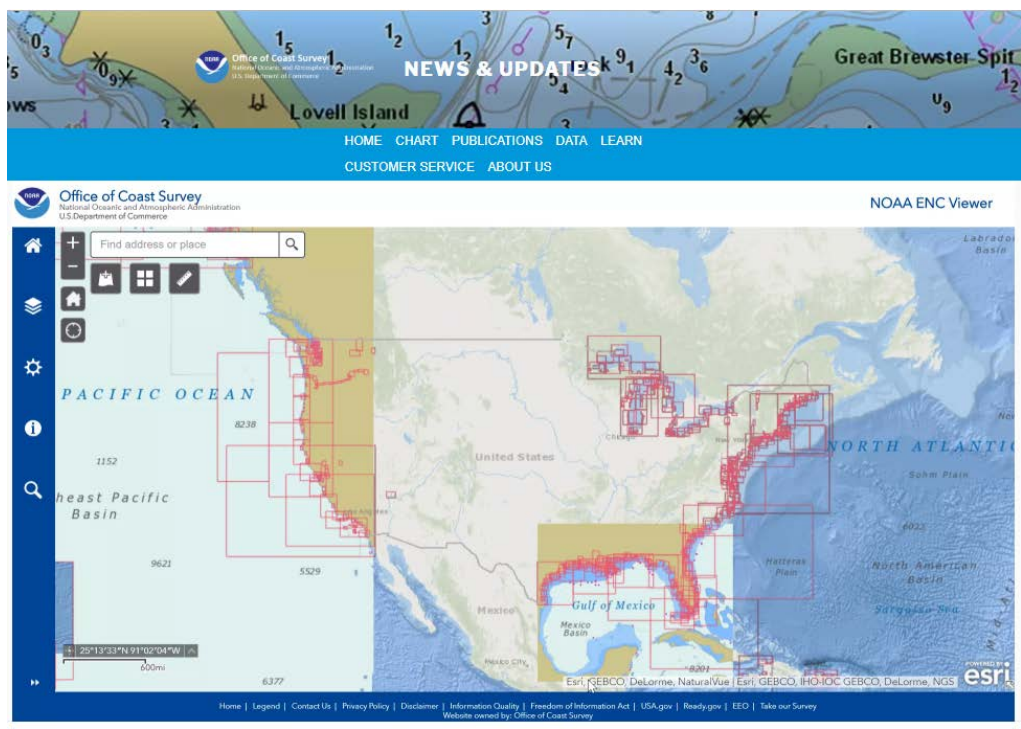
**Additional copies can be downloaded at:**

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

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## 1. July 22, 2019 NOAA RELEASES NEW NAVIGATIONAL CHART VIEWERS



On July 20, 2019, NOAA’s Office of Coast Survey unveiled two new GIS viewers - **NOAA ENC® viewer** and **NOAA RNC® viewer**— allowing users to seamlessly interact with NOAA’s various chart products.

In 2013, Coast Survey originally released NOAA ENC Online, a continuous viewer for NOAA's electronic navigational charts (NOAA ENC®). This gave users the ability to click on the web map and zoom to selected features or locations, to see the information contained in more than a thousand electronic charts of NOAA-charted waters. As the user zoomed in and out, ENC features became visible or invisible allowing for a seamless look at up-to-date chart data.

The new NOAA ENC viewer utilizes the NOAA ENC Online REST service, part of Ezra's ArcGIS for Maritime, which allows users to not only interact with the ENC data in this viewer, but also use the REST end point in their own web viewers and applications. Overall, the functionality of the viewer has not changed but one thing to note is the REST service URL for the ENC service has changed. Users that have the service URL built into their applications or web maps will need to change it to the new URL listed below.

New ENC service URL:

<https://gis.charttools.noaa.gov/arcgis/rest/services/MCS/ENCOnline/MapServer/exts/MaritimeChartService>

In addition to the new ENC viewer, Coast Survey is also unveiling an updated version of the RNC viewer. This viewer provides a seamless look at NOAA raster navigational chart products and information that is traditionally located on a paper chart product. Ultimately, this allows mariners to take their traditional chart products with them anywhere they have an internet connection, including on their mobile devices!

The RNC viewer utilizes the NOAA RNC tile service which provides standardized nautical chart tilesets for the public, eliminating the need for application developers to regularly undergo the cumbersome process of transforming NOAA BSB files into tilesets. It provides geo-referenced charts compatible with the Web Map Tile Specifications (WMTS) and Tile Map Service Specification (TMS). All tilesets are published on a weekly basis.

NOAA ENC and RNC viewers are not certified for navigation. They do NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 46 of the Code of Federal Regulations.

A. Here is the new **RNC** viewer website. Try this one to see what it can do for you.

<https://www.nauticalcharts.noaa.gov/RNCOnline/rnconline.html>

B. Here is the new **ENC** viewer website. Also try it out, to see what it can do for you.

<https://www.nauticalcharts.noaa.gov/ENCOnline/enconline.html>

## **2. RECORDING YOUR HOURS**

One of the most important things you can do for the Coast Guard on a regular basis is to record your hours. This isn't about earning recognition or increasing your medal count, though that can be fun, it's about earning dollars for the Coast Guard. Every hour we submit means dollars for the Coast Guard budget. This is a big deal. Congressional support is there only when the Coast Guard can present a compelling case for that support. Our hours contribute to that case. Here are some questions to ask yourself to help you fill out the forms correctly. Did you:

Attend any auxiliary meeting?

As an elected or staff officer? 7029 – 99A (including prep and travel)

As an interested member? 7029 – 99E (including prep and travel)

Do anything for your auxiliary job?

Administration – planning events, contacting members, coordinating with other staff members, conference calls, ordering materials, etc. 7029 – 99A

Marine Safety Officers use 7030 – 70K

**Participate in Navigation Systems activity? On Site 7030 – 30, 31, 32 or 41 and 7029 – 99-B for all time for preparation & travel in support of 30, 31 & 32 missions reported on 7030 and 7029 – 99-E for all time for preparation before & after & travel in support of mission 41 reported on 7030.**

**99-D for AV-PQS taking classes, studying, prep and travel for any member training**

Participate in a public affairs activity?

Manning a public affairs booth? 7030 – 10J

(Prep and travel should be recorded as 99B on a 7029)

Prepare and submit an article to a local paper? 7030 – 10F

Prepare and submit an article to an auxiliary newsletter or magazine? 7030 – 10L

Participate in a safe boating class?

Instructor hours (lead or non-lead) go on a 7030 with the course number

7029 - 99B for prep and travel or for taking care of registration, set-up, etc.

Participate in member training?

06A teaching in operations

06B teaching other than operations

**10G studying for Public Affairs PQS**

**70U studying for Marine Safety PQS**

99D taking classes, studying, prep and travel for any member training

Do any vessel exams?

91A for power and sail boats, 91B for facilities, 91H for paddle craft on a 7038

99B on a 7029 for prep and travel

Do any program visits?

11 on a 7046 for actual visit time

99B on a 7029 for prep and travel between visits

**Is there something you did that doesn't seem to fit in any of these categories? Do you know how to record and get credit for it? If not, call your IS officer they are here to help.**

### 3. 2019 NAVIGATION SYSTEMS AUXINFO REPORT AS OF August 4<sup>th</sup>:

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

Cube last refreshed on Sunday August 4, 2019									
ATON-Aids to Navigation (30, 31, 32)	11NR – Eleventh Northern	All Facilities	All Unit Locations	All Activities	CY 2019	All Statuses	Lead ONLY	All Operations	
Some of this AUXDATA Information does not match actual reports submitted to DSO-NS & D11 (dpw). SEE BELOW				BRIDGE – Bridge Administration (32)		FEDERAL – ATON/Chart Update (30)		PRIVATE – Private Aids to Navigation (31)	
				ATON Bridge Verified	ATON Bridge Discrepancy	ATON Aids Verified	ATON- Aid Discrepancy Reported	PATON Aids Verified	PATON - Aids Discrepancy Reported
113-01-04 CENTRAL MARIN	PAZ, CAROL H							17	4
113-01-07 POINT BONITA	FRY, SUE K							6	
113-01-09 COYOTE POINT	BLANCHARD, TERRY M			4				25	
113 - DIV 01				4				48	4
113-03-03 GOLD COUNTRY	HOLTZMAN, TOMMY W			2	1				
113-03-05 SACRAMENTO	DUNCAN, JAMES B			1	3		2		
113 - DIV 03				3	4		2		
113-05-03 NORTH SOLANO COUNTY	DERFUSS III, LEWIS C				6				2
	MCCORMICK, RANDEL				6				2
	WATERS, MARK G				6				2
113-05-05 SONOMA COUNTY	Lewis, Mark J (Trainee)				2				
	SUMNER II, WILFRED A			8	5				110
113 - DIV 05				8	25				116
113-06-10 CAPITOLA FLOTILLA	SIMPSON, BRUCE				2				
113 - DIV 06					2				
113—08-11 CRESCENT CITY FLOTILLA	STEWART, GREGORY M				1				1
113 - DIV 08					1				1
113-11-03 RENO	RAST, PETER H							6	9
113 – DIV 11								6	9
113-12-01 EAST BAY	Kaplan, Gary A (Trainee)			4	2				
	SCHIMMELMAN, NANCY R							7	1
	SWIFT, FRANK R			4		3		12	19
113-12-91 SAN RAMON VALLEY	DOUGLAS, STANLEY C			4	2				
	Gleeson, Gregory, A (Trainee)							9	19
	LOSI, JAMES G			4	2				
	LUCHETTI, VIRGINIA							9	42
113 - DIV 12				16	6			37	81
<b>113 RAW UNCORRECTED AUXDATA INFORMATION</b>				<b>31</b>	<b>38</b>	<b>3</b>	<b>2</b>	<b>91</b>	<b>211</b>
<b>PROBABLE AUXDATA INPUT ERRORS MADE or NOT AV-PQS</b>				<b>4</b>	<b>4</b>	<b>3</b>		<b>9</b>	<b>19</b>
<b>113 ESTIMATED CORRECTED AUXDATA INFORMATION</b>				<b>27</b>	<b>34</b>	<b>0</b>	<b>2</b>	<b>82</b>	<b>192</b>

**DSO-NS Note:** Only CG Unit Requested Verification of an ATON may be entered in this column!

Question: Is your name not on the above table? Is the data correct? If not, then you have not submitted a 7030 or all of your 7030's for your Navigation Systems activity to your FSO-IS. If you have submitted all your 7030's for your Navigation Systems activities, then check with your FSO-IS Officer for the answer. Again, the FSO-IS or SO-IS is the only one that can enter your Navigation Systems activity into AUXDATA.

Just note that if you have not reported your NS activity (7030) to your FSO-IS or they have not entered your NS activity correctly into AUXDATA it will not appear. The FSO-IS or SO-IS is the only one that can enter your Navigation Systems activity into AUXDATA and only you can let the FSO-IS or SO-IS if the data information is incorrect.

**Note:** Don't forget your 7029: 99-B for all time for preparation & travel in support of 30, 31 & 32 missions reported on 7030 and 7029. 99-E for all time for preparation before & after & travel in support of mission 41 reported on 7030. 99-D for AV-PQS taking classes, studying, prep and travel for any member training.

#### 4. 2019 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 **August 4, 2019**.

#### 2019 DIVISIONAL, BRIDGE, ATON, & CHART UPDATING ACTIVITY SUMMARY REPORT

Div.	AIDS TO NAVIGATION ACTIVITY							Bridges Assigned				PATON's Assigned				2019 AVPQ In Training	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	4	1		75	1	52	4	4	100%	0	103	74	72%	29	2	7
3	20	7	4	2				15	15	100%	0	32		0%	32	0	4
4	2				6			2	2	100%	0	68	6	9%	62	0	2
5	14	33			68	110	116	11	11	100%	0	103	48	47%	55	2	7
6	2	2			23	2		2	2	100%	0	66	23	35%	43	0	3
8	1	1			5		1	1	1	100%	0	5	5	100%	0	1	1
10	9				38			9	9	100%	0	57	35	61%	22	1	6
11					32		10	0	0	100%	0	144	32	22%	112	2	7
12	8	22		3	141	9	118	8	8	100%	0	181	139	77%	42	3	9
<b>Total</b>	<b>60</b>	<b>69</b>	<b>5</b>	<b>5</b>	<b>388</b>	<b>122</b>	<b>302</b>	<b>52</b>	<b>52</b>	<b>100%</b>	<b>0</b>	<b>759</b>	<b>362</b>	<b>48%</b>	<b>397</b>	<b>11</b>	<b>45</b>

Total Aids to Navigation Reports	<b>575</b>	Total Members Submitting ATON & CU Reports in 2019 →	<b>33</b>
<b>Total Navigation Systems in AUXDATA*</b>	<b>376</b>	<b>376 out of 580 ATON &amp; CU reports showing up in AUXDATA →</b>	<b>65%</b>
<b>Total Chart Updating</b>	<b>5</b>	<b>B= Bridges, A= ATON, P= PATON, U= Unauthorized &amp; CU=Chart Updates/CP-Coast Pilot.</b>	
<b>Total ATON &amp; Chart Updating</b>	<b>580</b>	<b>CUC = Chart Update Credits, (113 Stop Gap) = 26 CUP awarded by D113 DSO-NS for each confirmation of a Report you recently submitted via NOAA -Office of Coast Survey ASSIST Report System.</b>	

Note: \*Red numbers above is the information from AUXINFO as of August 4, 2019 update

#### CHART & COAST PILOT UPDATE SUBMISSION THROUGH "NOAA -OFFICE OF COAST SURVEY ASSIST REPORT SYSTEM" SECTION BELOW

Div.	2019 D11NR Chart Updating Year Jan 1, 2019 to Dec 31, 2019				2020 D11NR Chart Updating Year Jan 1, 2020 to Dec 31, 2020		
	CU Reports	2nd Ob	CUC (26)		CU Reports	2nd Ob	CUC (26)
1							
3	1 - 4	2	182				
4							
5		1	26				
6							
8							
10							
11							
12							
<b>Total</b>	<b>1 - 4 = 5</b>	<b>3</b>	<b>208</b>				

➤ Total D11 CU Reports & Credits 1/1/2019 through 12/31/2019 **5** **208**

➤ See **2019 NAVIGATION SYSTEMS INDIVIDUAL ACTIVITY AUXINFO REPORT** Page 3

➤ **D11NR Chart Updating Year is from - January 1 through December 31 each year.**

➤ Note: The **Purple** number under "2<sup>nd</sup> 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.



## 5.

**DATES OF CHART LATEST EDITION TABLE**

Charts Used in District 113, August 5, 2019

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 29/19	07/16/2019
18602	40,000	13	Feb 2012	LNM 29/19	07/16/2019
18603	40,000	17	Mar 2012	LNM 29/19	07/16/2019
18605	15,000	13	Dec 2010	LNM 29/19	07/16/2019
18620	200,000	24	Feb 2012	LNM 29/19	07/16/2019
18622	25,000	56	APR 2016	LNM 29/19	07/16/2019
18623	40,000	12	Jan 2012	LNM 29/19	07/16/2019
18626	40,000	16	Dec 2012	LNM 29/19	07/16/2019
18628	10,000	9	Oct 2012	LNM 29/19	07/16/2019
18640	207,840	27	Oct 2015	LNM 29/19	07/16/2019
18643	30,000	18	Dec 2009	LNM 29/19	07/16/2019
18645	100,000	28	May 2013	LNM 29/19	07/16/2019
18647	40,000	16	Mar 2009	LNM 29/19	07/16/2019
18649	40,000	68	Jun 2013	LNM 29/19	07/16/2019
18650	20,000	58	Jan 2017	LNM 29/19	07/16/2019
18651	40,000	45	Dec 2013	LNM 29/19	07/16/2019
<b>18652 SC</b>	<b>40,000:80,000</b>	<b>36</b>	<b>CANCELLED</b>	<b>2017</b>	<b>2017</b>
18653	20,000	12	Oct 2012	LNM 29/19	07/16/2019
18654	40,000	45	Jan 2012	LNM 29/19	07/16/2019
18655	10,000	59	Oct 2006	LNM 29/19	07/16/2019
18656	40,000	56	Aug 2010	LNM 29/19	07/16/2019
18657	10,000	19	Nov 2005	LNM 29/19	07/16/2019
18658	10,000	31	Sep 2007	LNM 29/19	07/16/2019
18659	10,000	16	Jan 2012	LNM 29/19	07/16/2019
18660	20,000	3	Sep 2005	LNM 29/19	07/16/2019
18661 SC	40,000	30	Mar 2009	LNM 29/19	07/16/2019
18662 SC	40,000	22	May 2009	LNM 29/19	07/16/2019
18663	20,000	6	Apr 2006	LNM 29/19	07/16/2019
18664	20,000	12	Aug 26, 2000	LNM 29/19	07/16/2019
18665	40,000	11	Aug 2004	LNM 29/19	07/16/2019
18666	10,000	1	Nov 24, 2001	LNM 29/19	07/16/2019
18667	20,000	12	Aug 26, 2000	LNM 29/19	07/16/2019
18680	210,668	32	May 2013	LNM 29/19	07/16/2019
18682	20,000	15	APR 2016	LNM 29/19	07/16/2019
18685	50,000	34	Sep 2012	LNM 29/19	07/16/2019
18686	40,000	13	Jul 17, 1999	LNM 29/19	07/16/2019
18700	216,116	22	Jul 2003	LNM 29/19	07/16/2019
<b>United State Coast Pilot</b>	<b>Volume 7</b>	<b>51</b>	<b>2019 New Edition With (72 COLREGS)</b>	<b>Last Corrected through 07/28/2019</b>	
<b>D11 CG Light List Weekly Updates</b>	<b>Volume 6</b>	<b>2019</b>	<b>Updated weekly</b>	<b>Last Corrected though LNM 31/19 – Dated 07/31/2019</b>	

*James B. Duncan*

D113 DSO-NS