



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

2019-02-113 DSO-NS Report/Bulletin

Date: March 4, 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 February 28th

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. NOAA announces change in channel depths on raster nautical chart products



February 7, 2019

Contact: Kristen Crossett, 301-325-2113

NOAA announces change in channel depths on raster nautical chart products

NOAA's Office of Coast Survey recently announced plans to change the U.S. Army Corps of Engineers (USACE) maintained channel depth values on raster chart products, which include paper nautical charts and the corresponding digital raster navigational charts (NOAA RNC®). Minimum depths (also called controlling depths) are collected during periodic USACE sonar surveys of channels. In the past, controlling depths were provided on raster charts but will now be replaced with the original channel design dredging depths used by the USACE (called project depths). Standardizing depth presentation on these products will improve data consistency and overall safety. Implementation begins in early 2019.

NOAA's suite of electronic navigational charts (NOAA ENC®) are not affected by these changes. Mariners are encouraged to use NOAA ENCs for critical safety information as these products are typically updated up to one month ahead of raster products.

For more information, please Visit:

<https://www.nauticalcharts.noaa.gov/updates/?p=171708>

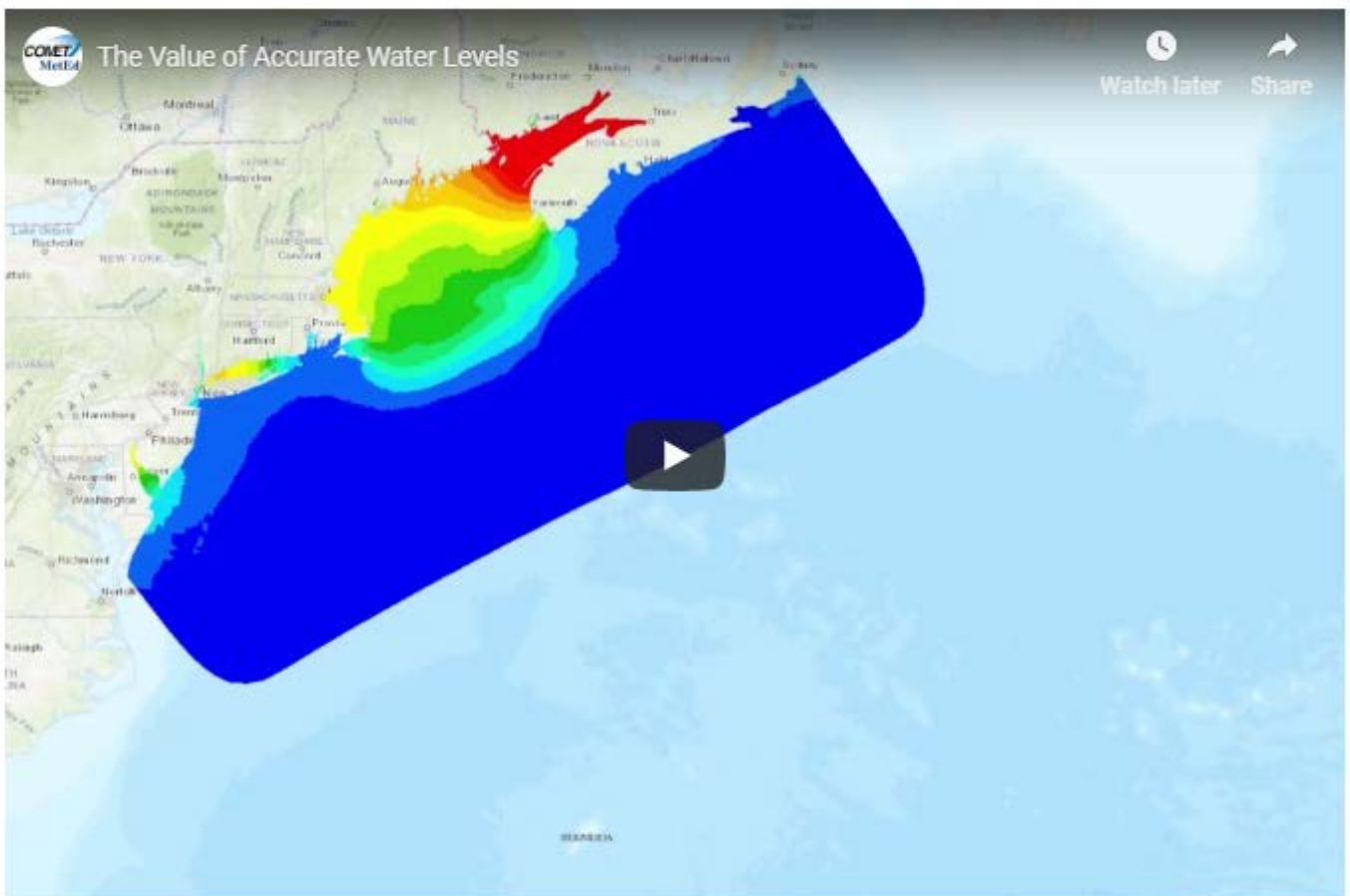
2. The Value of Accurate Water Levels:



NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) is the authoritative source for accurate, reliable, and timely tides, water levels, currents and other oceanographic information. Our data, products and services support safe and efficient navigation, sound ecosystem stewardship, coastal hazards preparedness and response, and the understanding of climate change. Look at this website for the answers to the following question. How does NOAA determine mean sea level? Or marine boundaries? Who do they measure local sea level rise, or let ships know when it's safe to sail? CO-OPS in partnership with the COMET Program, has developed a great short 4.5-minute video about the value of the National Water Level Observation Network at:

<https://tidesandcurrents.noaa.gov/news/value-of-accurate-water-levels.html>

View this well done 4.5 minute video on NOAA's tides and current website above.



3. 2019 NAVIGATION SYSTEMS AUXINFO REPORT AS OF MARCH 3rd:

Check below to see if your activity is in AUXDATA? If Not, Why Not? Did you submit a7030?

Cube last refreshed on Sunday March 3, 2019									
ATON-Aids to Navigation (30, 31, 32)	11NR – Eleventh Northern	All Facilities	All Unit Locations		All Activities	CY 2018	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 (3)		
			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	KIRKWOOD, MARY L PAZ, CAROL H RUSSO, PAULA J 113-01-04 CENTRAL MARIN								
113-01-09 COYOTE POINT	BLANCHARD, TERRY M 113-01-09 COYOTE POINT		4						
113 - DIV 01			4						
113-03-03 GOLD COUNTRY	TOMMY HOLTZMAN 11-03-03 GOLD COUNTRY		1						
113-03-05 SACRAMENTO	BLACK, FREDRIC R DUNCAN, JAMES B MACPHERSON, DOUGLAS W 113-03-05 SACRAMENTO								
113 - DIV 03			1						
113-04-09 SILICON VALLEY	HIGUCHI, JAMES N 113-04-09 SILICON VALLEY								
113 – DIV 04									
113-05-05 SONOMA COUNTY	KUBO, LARRY Y SUMNER II, WILFRED A 113-05-05 SONOMA COUNTY								
113-05-07 DIABLO	BAIN, ROBERT K 113-05-07 DIABLO								
113 – DIV 05									
113-06-10 CAPITOLA FLOTILLA	OMARA, BRIAN J SIMPSON, BRUCE SMITH JR, WALLACE A 113-06-10 CAPITOLA FLOTILLA								
113 – DIV 06									
113-08-11 CRESCENT CITY FLOTILLA	STEWART, GREGORY M 113-08-11 CRESCENT CITY FLOTILLA								
113 – DIV 08									
113-10-06 KAWEAH	BOERSMA, WILLIAM L MYERS, RICHARD S PIERCE, DONALD L ROLLINS, RODERICK H 113-10-06 KAWEAH								
113 – DIV 10									
113-11-01 NORTH LAKE TAHOE	THEE, BRUCE W 113-11-01 NORTH LAKE TAHOE								
113-11-03 RENO	HAYNES, LINDA R HAYNES, ROGER D REST, PETER H TEMKIN, TOM D 113-11-03 RRNO								
113-11-04 SOUTH LAKE TAHOE	ENGLEKIRK, DANA M MARTIN, BRUCE K SNELL, JAMES L 113-11-04 SOUTH LAKE TAHOE								
113 – DIV 11									
113-12-01 EAST BAY	BHARDWAJ, RAJIV N SCHIMMELMAN, NANCY R SWIFT, FRANK R 113-12-01 EAST BAY							7	1
113-12-91 SAN RAMON VALLEY	BUSCH, STEPHEN C DOUGLAS, STANLEY C GLRRSON, GREGORY, A KAKIHARA, STEVEN T LOSI, JAMES G LUCHETTI, VIRGINIA TODEBUSH, PETER C 113-12-91 SAN RAMON VALLEY							7	1
113 – DIV 12								9	19
								9	19
								18	38
								25	39
113 RAW UNCORRECTED AUXDATA INFORMATION			5	0	0	0	25	39	
AUXDATA PROBABLE INPUT ERRORS MADE									
113 ESTIMATED CORRECTED AUXDATA INFORMATION			5	0	0	0	25	39	
DSO-NS Note: Only CG Unit Requested Verification of an ATON ↑ may be entered in this column!									

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 **March 3, 2019**.

2019 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	4	1		38			4	4	100%	0	103	38	5%	65	2	7
3	7	1	2					15	4	27%	11	32		0%	32	1	4
4								2		0%	2	68		0%	68	0	2
5								11		0%	11	103		0%	103	1	4
6	2					1		2	2	100%	0	66		0%	66	0	3
8								1		0%	1	5		0%	5	1	1
10								9		0%	9	57		0%	57	1	5
11								0	0	100%	0	144		0%	144	2	9
12					37		64	8		0%	8	181	36	0%	144	3	8
Total	13	5	3	0	75	1	64	52	10	19%	44	759	75	10%	684	11	43

Total Aids to Navigation Reports	92	Total Members Submitting ATON & CU Reports in 2019 →	8
Total Aids to Navigation in AUXDATA*	69	69 out of 92 ATON & CU reports showing up in AUXDATA →	75%
Total Chart Updating	2	B= Bridges, A= ATON, P= PATON, U= Unauthorized, CU=Chart Updates, CP-Coast Pilot	
Total ATON & Chart Updating	94	CUC = Chart Update Points (Stop Gap) = 26 CUP awarded by D113 DSO-NS for each confirmation of a Report you recently submitted via NOAA -Office of Coast Survey Error System.	

Note: *Red numbers above is the information from AUXINFO as of **March 3, 2019** update.

CHART & COAST PILOT UPDATE 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	0 - 2		52				
4							
5							
6							
8							
10							
11							
12							
Total	0 - 2		52				

➤ Total D11 CU Reports & Credits 1/1/2019 through 12/31/2019 **2** **52**

➤ 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 **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.

5.

DATES OF CHART LATEST EDITION TABLE
In District 113 MARCH 3, 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 08/19	02/19/2019
18020	1,444,000	39	Jan 2012	LNM 08/19	02/19/2019
18010	811,980	22	Sep, 2012	LNM 08/19	02/19/2019
18022	868,003	36	Jun 2012	LNM 08/19	02/19/2019
18601	40,000	14	Feb 2007	LNM 08/19	02/19/2019
18602	40,000	13	Feb 2012	LNM 08/19	02/19/2019
18603	40,000	17	Mar 2012	LNM 08/19	02/19/2019
18605	15,000	13	Dec 2010	LNM 08/19	02/19/2019
18620	200,000	24	Feb 2012	LNM 08/19	02/19/2019
18622	25,000	56	APR 2016	LNM 08/19	02/19/2019
18623	40,000	12	Jan 2012	LNM 08/19	02/19/2019
18626	40,000	16	Dec 2012	LNM 08/19	02/19/2019
18628	10,000	9	Oct 2012	LNM 08/19	02/19/2019
18640	207,840	27	Oct 2015	LNM 08/19	02/19/2019
18643	30,000	18	Dec 2009	LNM 08/19	02/19/2019
18645	100,000	28	May 2013	LNM 08/19	02/19/2019
18647	40,000	16	Mar 2009	LNM 08/19	02/19/2019
18649	40,000	68	Jun 2013	LNM 08/19	02/19/2019
18650	20,000	58	Jan 2017	LNM 08/19	02/19/2019
18651	40,000	45	Dec 2013	LNM 08/19	02/19/2019
18652 SC	40,000:80,000	36	CANCELLED		
18653	20,000	12	Oct 2012	LNM 08/19	02/19/2019
18654	40,000	45	Jan 2012	LNM 08/19	02/19/2019
18655	10,000	59	Oct 2006	LNM 08/19	02/19/2019
18656	40,000	56	Aug 2010	LNM 08/19	02/19/2019
18657	10,000	19	Nov 2005	LNM 08/19	02/19/2019
18658	10,000	31	Sep 2007	LNM 08/19	02/19/2019
18659	10,000	16	Jan 2012	LNM 08/19	02/19/2019
18660	20,000	3	Sep 2005	LNM 08/19	02/19/2019
18661 SC	40,000	30	Mar 2009	LNM 08/19	02/19/2019
18662 SC	40,000	22	May 2009	LNM 08/19	02/19/2019
18663	20,000	6	Apr 2006	LNM 08/19	02/19/2019
18664	20,000	12	Aug 26, 2000	LNM 08/19	02/19/2019
18665	40,000	11	Aug 2004	LNM 08/19	02/19/2019
18666	10,000	1	Nov 24, 2001	LNM 08/19	02/19/2019
18667	20,000	12	Aug 26, 2000	LNM 08/19	02/19/2019
18680	210,668	32	May 2013	LNM 08/19	02/19/2019
18682	20,000	15	APR 2016	LNM 08/19	02/19/2019
18685	50,000	34	Sep 2012	LNM 08/19	02/19/2019
18686	40,000	13	Jul 17, 1999	LNM 08/19	02/19/2019
18700	216,116	22	Jul 2003	LNM 08/19	02/19/2019
Coast Pilot	Volume 7	51	2019 New Edition	Last Corrected through 03/03/2019	
D11 CG Light List Weekly Updates	Volume 6	2019	Updated weekly	Last Corrected though LNM 09/19 – Dated 02/27/2019	

6. Last Call: ATTENTION NEW SO-NS & FSO-NS THE C-SCHOOL IS RIGHT FOR YOU: Two 2019 AUX-06 Aid to Navigation, Bridge & Chart Updating C-School U.S. Coast Guard Auxiliary Prevention Directorate-Navigation Systems Division.



- 1) [Holiday Inn in Little Rock Convention Center on 11th – 13th April 2019.](#)
- 2) [USCG TRACEN Yorktown, VA on 14th – 16th June 2019.](#)
- 3) [There are only 15 student per school so early registration is suggested.](#)

If you would like to attend one of these two C-Schools, you must get your Schools “Short Term Training Request Form CG-5223” into DIRAUX (Tina Perry) ASAP. The websites below will give all the information you will need to attend the 2019 AUX 06 Course. You can also contact DSO-NS for course content and schedules and more updated information from Ed Martin DVC-PN.

ATON C-School Program:

You will receive over twenty-five hours of instruction covering the NS programs. All the required material for the program will be available for download and review from the following site: <http://wow.uscgaux.info/content.php?unit=AUX06&category=forms-manuals>

You are not required to download the forms and study guides for this class. There will be minimal paper handouts at the C-School. It is recommended that you print out the training guides for reference if you do not plan to bring a laptop. The latest versions of the material will be available on this website one week before class begins. You will need to familiarize yourself with this data before arriving at the school:

About the Course:

This school is designed to provide training in all five Auxiliary Navigation Systems Programs **ATON** Federal Short-Range Aid to Navigation Program, **PATON** -Private Aids to Navigation, **BAP** Bridge Administration Program, **CU** Chart Updating Program including **CP** Coast Pilot Program. The aim of the Navigation Systems “C” School is to train a cadre of Auxiliary leaders who will promote the Navigation Systems programs in their District and develop new and lasting programs and relationships with the Coast Guard & NOAA-Office of Coast Survey in support of the goals and objectives of the Auxiliary Aid to Navigation, Bridges, & Chart Updating Program. There are 2 classes, 15 Students each, scheduled in 2019.

Who May Attend:

Candidates must be recently assigned as an FSO-NS (Flotilla Staff Officer - Navigation Systems), SO-NS (Division Staff Officer - Navigation Systems), or a DSO or ADSO-NS (District Staff Officer - Navigation Systems). This training is not refresher training. Alternative training is available through your District Navigation Systems program managers. COMDT (CG-5421) must approve all waivers. Applicants **MUST** have an internet e-mail account capable of receiving and downloading attachments to order and to benefit most

from this training. Therefore, the candidate's e-mail address must be included in Block #22 of the Short-Term Resident Training Request prior to approval.

<http://wow.uscgaux.info/content.php?unit=aux06>

How to apply for C-School: Complete the "Short Term Resident Training Request" (**STTR**) **Form CG-5223** from the above web-site under **How To Apply**. Send your completed CG-5223 form to your District DIRAUX (Director of Auxiliary) - (Tina Perry) via your Flotilla Commander (your FC is required to sign the form). Keep a copy of the Form CG-5223. Expect to receive travel and information about orders.

Priority codes for Block 15 on the form are:

Priority 1 – All recently assigned Navigation Systems Staff Officers who holds AV-PQS qualification:

Priority 2 – All Navigation Systems Staff Officers who does NOT hold AV-PQS qualification:

Priority 3 – All others based on available space.

Remember there are only 15 students per school so early registration is suggested.

AUX- 06 C- School "Aids to Navigation & Chart Updating", POC: Ed Martin, DVC-PN, edwin.martin@cgauxnet.us for more information.

Do ASAP because the AUX- 06 ATON AND CHART UPDATING Course fills up fast.

James B. Duncan

D113 DSO-NS