



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

2019-01-113 DSO-NS Report/Bulletin

Date: February 4, 2019
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 Report/Bulletin Ending February 3rd

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

Additional copies can be downloaded at:

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

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1. Have you updated your charts? Let's start 2019 with the most updated Charts – NEW CHART for D11NR:

District 11 Northern Regions had no New Chart Editions in 2018. See "Dates of Chart Latest Edition and Local Notice to Mariners (LNM) Weekly Update Table" for all D11 Northern Region latest updates on page 6.

- ✓ Charts are always available for **free** downloading of **NOAA RNCs Raster Navigational Charts, NOAA ENC's Electronic Navigation Charts, Coast Pilot, nowCoast** and much more from the **Master NOAA-Office of Coast Survey** website at <https://www.nauticalcharts.noaa.gov/>.
- ✓ **Light List, Weekly Light List changes, Weekly Local Notice to Mariners** and much more are always available for free downloading from the Master USCG Navigation Center (NAVCEN) website at <https://www.navcen.uscg.gov/>

LATEST EDITIONS IS FROM THE NOAA'S "ON LINE CHART VIEWER & CHART- ON - DEMAND".

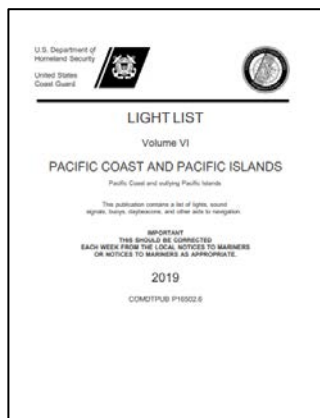
The web address below is an excellent free source for the most up to date charts. Attach chart section to your Chart Updating reports, ATON discrepancy reports, and unpermitted PATON's found reports & for your electronic charting software because these Charts have all been updated.

For RNC Charts: <https://www.nauticalcharts.noaa.gov/RNCOOnline/rnconline.html>

For ENC Charts: <https://www.nauticalcharts.noaa.gov/ENCOOnline/enconline.html>

Charts, Coast Pilots and USCG Light List with edition dates prior to those listed in the table on page 6 are obsolete for use in surface operational navigation, private aids verification, and chart updating activities. The LNM update of charts and Light List is of vital importance to patrol operations, aid verification, chart updating and general cruising activities. When charted information becomes obsolete, further use of the chart for navigation may be dangerous. Natural and artificial changes, many of them critical, are occurring constantly; and it is important that we in the Auxiliary use the most up-to-date charts.

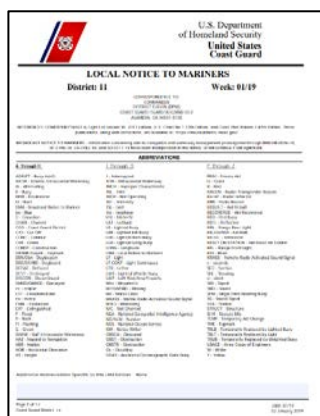
2. HAVE YOU UPDATED YOUR OPERATIONAL NAVIGATION PUBLICATION?



Are all your operational publications up to date? All the following publications are **FREE** to download to your computer. Print out what you need for your AOR or cruising area.

A. THE COAST GUARD 2019 LIGHT LIST: It is now available online at the Coast Guard NAVCEN at <https://www.navcen.uscg.gov>. Every operational member should have this new 2019 Light List available at all time planning your operation and underway. Download to your computer so you can printout the needed pages for your AOR or cruising area.

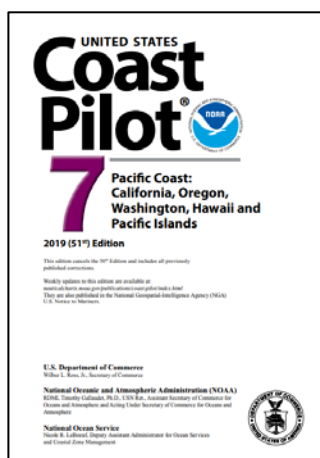
Also, you can get the Light List corrected through LNM week: xx/19 to the 2019 CG LIGHT LIST at <https://www.navcen.uscg.gov/pdf/lightLists/weeklyUpdates/v6WeeklyChanges.pdf>.



B. LOCAL NOTICE TO MARINERS ELEVENTH DISTRICT LNMS FOR 2019.

You can receive for **free**, if you would like, the Local Notice to Mariners by email each week. You will receive the email on Thursday telling you they have posted the latest LNMs for Eleventh District. To receive your copy, you need to register with our one-way email service below. You must have the free Adobe Acrobat Reader to view these documents.

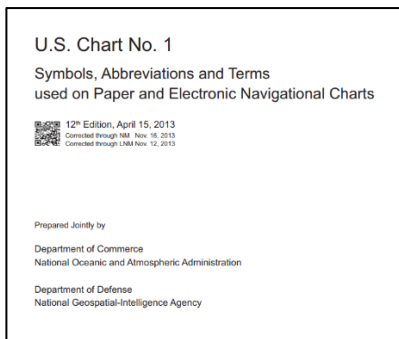
<https://www.navcen.uscg.gov/?pageName=feeds>



C. 2019 COAST PILOT, VOLUME 7, EDITION 51st. The United States Coast Pilot 7 is the nautical books that cover a variety of information important to navigators of coastal and inland waters of San Francisco Bays, Delta waters, and Sacramento & San Joaquin Rivers. This contains supplemental information that is difficult to portray on a nautical chart. Coast Pilot 7 – 51st Edition, 2019 covers the coasts of California, Oregon and Washington, and includes Hawaii and other United States territories in the South Pacific. This publication is completely updated about every 2 weeks. **Free** downloads for complete volume or each chapter at:

<https://www.nauticalcharts.noaa.gov/publications/coast-pilot/index.html>

To increase efficiency and timeliness, Pilot updates will only be posted on this website only, and no longer be included in the Coast Guard Local Notice to Mariners.



D. U.S. CHART NO. 1: U.S. Chart No. 1 describes the symbols, abbreviations, and terms used on nautical charts. It is produced by NOAA and the National Geospatial-Intelligence Agency. The symbols for paper charts and their analogous digital products, such as NOAA raster navigational charts (NOAA RNC®) are shown, as well as the symbols used to portray NOAA electronic navigational charts (NOAA ENC®) data on Electronic Chart Display and Information Systems (ECDIS).

Free copies of U.S. Chart No. 1 (pdf) are available to download below at <https://www.nauticalcharts.noaa.gov/publications/us-chart-1.html>

Edition 12, dated April 15, 2013, supersedes all previous editions of U.S. Chart No. 1.

Center for Operational Oceanographic Products and Services

The trusted source for oceanographic information on the Web

E. TIDES & CURRENTS INFORMATION: Here is the NOAA's real time tides, currents and much more information that you can be use in your operation, aids to navigation and bridge survey activity. <https://tidesandcurrents.noaa.gov/>

The National Ocean Service (NOS) is responsible for providing real-time oceanographic data and other navigation products to promote safe and efficient navigation within U.S. waters. The need for these products is great and rapidly increasing; maritime commerce has tripled in the last 50 years and continues to grow. Ships are getting larger, drawing more water and pushing channel depth limits to derive benefits from every inch of draft. By volume, more than 95 percent of U.S. international trade moves through the nation's ports and harbors, with about 50 percent of these goods being hazardous materials. A major challenge facing the nation is to improve the economic efficiency and competitiveness of U.S. maritime commerce, while reducing risks to life, property, and the coastal environment. With increased marine commerce comes increased risks to the coastal environment, making marine navigation safety a serious national concern. From 1996 through 2000, for example, commercial vessels in the United States were involved in nearly 12,000 collisions, allisions, and groundings.



This meteorological station in San Francisco, CA provides wind, air, temperature, barometric pressure, and relative humidity.

3. **FINAL 2018 NAVIGATION SYSTEMS AUXINFO REPORT AS OF February 3rd:**

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

Cube last refreshed on Sunday February 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						18	3	
	PAZ, CAROL H						18	2	
	RUSSO, PAULA J						33	3	
	113-01-04 CENTRAL MARIN						69	8	
113-01-09 COYOTE POINT	BLANCHARD, TERRY M		4			2	37	0	
	113-01-09 COYOTE POINT		4			2	37	0	
113 - DIV 01			4			2	106	8	
113-03-03 GOLD COUNTRY	RUTENSCHROER, RICHARD A							1	
	11-03-03 GOLD COUNTRY							1	
113-03-05 SACRAMENTO	BLACK, FREDRIC R			8					
	DUNCAN, JAMES B			10		1	4	2	
	MACPHERSON, DOUGLAS W			4			7	0	
	113-03-05 SACRAMENTO			22		1	11	3	
113 - DIV 03				22		1	11	3	
113-04-09 SILICON VALLEY	HIGUCHI, JAMES N						37		
	113-04-09 SILICON VALLEY						37		
113 – DIV 04							37		
113-05-05 SONOMA COUNTY	KUBO, LARRY Y		1	1	1	2	11	6	
	SUMNER II, WILFRED A		5	2	2	2	17	45	
	113-05-05 SONOMA COUNTY		6	3	3	4	28	11	
113-05-07 DIABLO	BAIN, ROBERT K						27	21	
	113-05-07 DIABLO						27	21	
113 – DIV 05			6	3	3	4	55	72	
113-06-10 CAPITOLA FLOTILLA	OMARA, BRIAN J						13	2	
	SIMPSON, BRUCE		1	3			6	4	
	SMITH JR, WALLACE A					1		2	
	113-06-10 CAPITOLA FLOTILLA		1	3		1	19	8	
113 – DIV 06			1	3		1	19	8	
113-08-11 CRESCENT CITY FLOTILLA	STEWART, GREGORY M		1				2	3	
	113-08-11 CRESCENT CITY FLOTILLA		1				2	3	
113 – DIV 08			1				2	3	
113-10-06 KAWEAH	BOERSMA, WILLIAM L					1		1	
	MYERS, RICHARD S		3		10			1	
	PIERCE, DONALD L						15	0	
	ROLLINS, RODERICK H					1		1	
	113-10-06 KAWEAH		3		10	2	15	3	
113 – DIV 10			3		10	2	15	3	
113-11-01 NORTH LAKE TAHOE	THEE, BRUCE W						8	34	
	113-11-01 NORTH LAKE TAHOE						8	34	
113-11-03 RENO	HAYNES, LINDA R						3	12	
	HAYNES, ROGER D						1	6	
	REST, PETER H					1	2	6	
	TEMKIN, TOM D						1	6	
	113-11-03 RRNO					1	7	30	
113-11-04 SOUTH LAKE TAHOE	ENGLEKIRK, DANA M						4	16	
	MARTIN, BRUCE K						3	18	
	SNELL, JAMES L						5	21	
	113-11-04 SOUTH LAKE TAHOE						12	55	
113 – DIV 11						1	27	119	
113-12-01 EAST BAY	BHARDWAJ, RAJIV N			2			13	4	
	SCHIMMELMAN, NANCY R					1	15	20	
	SWIFT, FRANK R		1		3		16	26	
	113-12-01 EAST BAY		1	2	3	1	43	50	
113-12-91 SAN RAMON VALLEY	BUSCH, STEPHEN C						25	8	
	DOUGLAS, STANLEY C		6	1					
	GLRRSON, GREGORY, A						3	2	
	KAKIHARA, STEVEN T			2			5	5	
	LOSI, JAMES G						14	9	
	LUCHETTI, VIRGINIA			2			49	24	
	TODEBUSH, PETER C		4						
	113-12-91 SAN RAMON VALLEY		10	5			96	48	
113 – DIV 12			11	7	3	1	140	98	
113 RAW UNCORRECTED AUXDATA INFORMATION			26	34	16	12	412	314	
AUXDATA PROBABLE INPUT ERRORS MADE					-16	-2	+16	+2	
113 ESTIMATED CORRECTED AUXDATA INFORMATION			26	34	0	10	428	316	
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 **February 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					1			4		0%	4	104		0%	104	2	8
3								15		0%	15	42		0%	42	1	4
4								2		0%	2	68		0%	68	0	2
5								11		0%	11	103		0%	103	1	4
6								2		0%	2	66		0%	66	0	3
8								1		0%	1	5		0%	5	0	1
10								9		0%	9	58		0%	58	1	5
11								0		0%	0	139		0%	139	2	8
12					8		8	8		0%	8	144	8	0%	144	3	8
Total	0	0	0	0	9	0	8	52	0	0%	52	732	0	0%	732	10	43
Total Aids to Navigation Reports						9	Total Members Submitting ATON & CU Reports in 2019 →									2	
Total Aids to Navigation in AUXDATA*						8	8 out of 9 ATON & CU reports showing up in AUXDATA →									88%	
Total Chart Updating						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						9											
Note: *Red numbers above is the information from AUXINFO as of February 3, 2019 update.																	
CHART & COAST PILOT UPDATE SECTION BELOW																	
	2018 D11NR Chart Updating Year Jan 1, 2018 to Dec 31, 2018							2019 D11NR Chart Updating Year Jan 1, 2019 to Dec 31, 2019									
Div.	CU Reports		2nd Ob		CUC (26)			CU Reports		2nd Ob		CUC (26)					
1																	
3																	
4																	
5																	
6																	
8																	
10																	
11																	
12																	
Total	0		0		0												
➤ Total D11 CU Reports & Credits 1/1/2019 through 12/31/2019														0	0		
➤ See Final 2018 NAVIGATION SYSTEMS INDIVIDUAL ACTIVITY AUXINFO REPORT Page 4																	
➤ 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 D11 Northern Region February 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 03/19	01/15/2019
18020	1,444,000	39	Jan 2012	LNM 03/19	01/15/2019
18010	811,980	22	Sep, 2012	LNM 03/19	01/15/2019
18022	868,003	36	Jun 2012	LNM 03/19	01/15/2019
18601	40,000	14	Feb 2007	LNM 03/19	01/15/2019
18602	40,000	13	Feb 2012	LNM 03/19	01/15/2019
18603	40,000	17	Mar 2012	LNM 03/19	01/15/2019
18605	15,000	13	Dec 2010	LNM 03/19	01/15/2019
18620	200,000	24	Feb 2012	LNM 03/19	01/15/2019
18622	25,000	56	APR 2016	LNM 03/19	01/15/2019
18623	40,000	12	Jan 2012	LNM 03/19	01/15/2019
18626	40,000	16	Dec 2012	LNM 03/19	01/15/2019
18628	10,000	9	Oct 2012	LNM 03/19	01/15/2019
18640	207,840	27	Oct 2015	LNM 03/19	01/15/2019
18643	30,000	18	Dec 2009	LNM 03/19	01/15/2019
18645	100,000	28	May 2013	LNM 03/19	01/15/2019
18647	40,000	16	Mar 2009	LNM 03/19	01/15/2019
18649	40,000	68	Jun 2013	LNM 03/19	01/15/2019
18650	20,000	58	Jan 2017	LNM 03/19	01/15/2019
18651	40,000	45	Dec 2013	LNM 03/19	01/15/2019
18652 SC	40,000:80,000	36	CANCELLED		
18653	20,000	12	Oct 2012	LNM 03/19	01/15/2019
18654	40,000	45	Jan 2012	LNM 03/19	01/15/2019
18655	10,000	59	Oct 2006	LNM 03/19	01/15/2019
18656	40,000	56	Aug 2010	LNM 03/19	01/15/2019
18657	10,000	19	Nov 2005	LNM 03/19	01/15/2019
18658	10,000	31	Sep 2007	LNM 03/19	01/15/2019
18659	10,000	16	Jan 2012	LNM 03/19	01/15/2019
18660	20,000	3	Sep 2005	LNM 03/19	01/15/2019
18661 SC	40,000	30	Mar 2009	LNM 03/19	01/15/2019
18662 SC	40,000	22	May 2009	LNM 03/19	01/15/2019
18663	20,000	6	Apr 2006	LNM 03/19	01/15/2019
18664	20,000	12	Aug 26, 2000	LNM 03/19	01/15/2019
18665	40,000	11	Aug 2004	LNM 03/19	01/15/2019
18666	10,000	1	Nov 24, 2001	LNM 03/19	01/15/2019
18667	20,000	12	Aug 26, 2000	LNM 03/19	01/15/2019
18680	210,668	32	May 2013	LNM 03/19	01/15/2019
18682	20,000	15	APR 2016	LNM 03/19	01/15/2019
18685	50,000	34	Sep 2012	LNM 03/19	01/15/2019
18686	40,000	13	Jul 17, 1999	LNM 03/19	01/15/2019
18700	216,116	22	Jul 2003	LNM 03/19	01/15/2019
Coast Pilot	Volume 7	51	2019 New Edition	Last Corrected through 02/03/2019	
D11 CG Light List Weekly Updates	Volume 6	2019	Updated weekly	Last Corrected though LNM 05/19 – Dated 01/30/2019	

6. Repeater 1 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://www.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.