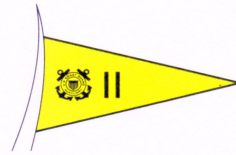


UNITED STATES COAST GUARD AUXILIARY

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OFFICE OF THE
DISTRICT STAFF OFFICER
NAVIGATION SYSTEMS

TO: Dean McFarren, COMO District 11N
Curtis Han, District Chief of Staff 11N
District 11 North Board & Staff

CC: ADSOs-NS
AV-PQS

FROM: Michael Hay, DSO-NS

DATE: March 9, 2021

Highlights:

- Bridge surveys and PATON verifications have commenced.
 - There are 50 bridges to survey and 768 PATONs to verify.
- Embedded personnel returning to work soon.
- Contributed to National priority to re-vamp the CG 7054 form.
- Finished sending all work materials to the divisions.

Details:

- 16 of 50 bridges (32%) have been surveyed to date.
- 7 of 768 PATONs (1%) have been verified thufar.
- Finished sending all PATON and bridge sheets, electronic copies of PATON and bridge sheets and all guides to all available SO-NSs.
- Conducted numerous discussions regarding:
 - Splitting of the Access db being created for dpw
 - Splitting of the Access db being created for Auxiliary work.
 - Fixing IATONIS issues – work area alignment problems for both north and south districts, realigning work area 83 mis-assignments, matching 11S divisions with related work areas and investigating options for creating new work areas.
 - Worked on identifying loose PATON, apparently Crissy Field Sensitive Habitat Buoy A, and generating an effort to get it back on station.
 - Contributing to the rewrite of National form CG 7054 and specifically authoring instructions – involved in online discussions with all Branch Chiefs and DSO-NSs across the county to update the form, create a “drop down” PDF form, include all the necessary elements of the form, including pull down menus, hover input and hover help. Authored first draft of the instructions and contributed to other upgrades.
 - Training assistance
- Two charts below:
 - Divisional bridge, P/ATON and Chart Updating Summary Table
 - AUXDATA II Navigation Systems Codes 30, 31, and 32 Reports

Divisional bridge, P/ATON and Chart Updating Summary Table

DIVISIONAL 2021, BRIDGE, ATON, & CHART UPDATING SUMMARY TABLE										Mar	1	2021			
Div.	AIDS TO NAVIGATION				BRIDGES				Private Aids				Aid Verifiers		
	B	A	P	U	AOR	Check	%	NotCheck	AOR	Check	%	NotCheck	Trainee	PQS	
1			1		2		0%	2	104		0%	104	3	6	
3	16				15	14	93%	1	32		0%	32	0	3	
4					2		0%	2	68		0%	68	0	2	
5			6		11		0%	11	103	6	6%	97	1	8	
6	2		1		2	2	100%	0	68	1	1%	67	1	3	
8		2			1		0%	1	6		0%	6	3	1	
10					9		0%	9	54		0%	54	0	4	
11					0		NA	0	144		0%	144	1	8	
12					8		0%	8	189		0%	189	4	7	
Total	18	2	8	0	50	16	32%	34	768	7	1%	761	13	43	
Total Aids to Navigation					28					Number of members submitting an ATON or CU Reports					9
Total Chart Updating 1/1/21 to 12/31/21					0					A=ATON, P=PATON, U=Unathorized, B=Bridge					
Total ATON/CU Activity					28					C=Chart Update, CP=Coast Pilot Update, CCP=Charting Credit Points					
AUXDATA II 2021 Bridge & ATON Activity					1-Mar	2021	CHART UPDATING SUMMARY TABLE			MAR	1	2021	Type Reports		
AUXDATA II 2021 Bridge & ATON Activity					AUXDATA	Div.	113 Jan 1 to Dec 31, 2020			113 Jan 1 to Dec 31, 2021			2021		
AIDS TO NAVIGATION		All NS Activitys					Reports	0	CUP	Reports	0	CUP			
BV	BD	AD	PV	PD											
1							1								
3	1	15					3								
4							4								
5				5			1								
6		2					6								
8			2				8								
10							10								
11							11								
12							12								
Total	1	17	2	5			1				0	0			0
Total Aids to Navigation					26	93%	Total	0	0	0	0	0	0	RC=26	

AUXDATA II Navigation Systems Codes 30, 31, and 32 Reports

Unit Number	Activity Mission Date	Activity Duration	Mission Code	Last Name	First Name	WP	D
1130305	2/16/2021	4.4	32: BRIDGE	DUNCAN	JAMES	0	3
	2/18/2021	3.7	32: BRIDGE	DUNCAN	JAMES	0	3
	2/24/2021	2.5	32: BRIDGE	DUNCAN	JAMES	0	1
	2/28/2021	3	32: BRIDGE	MACPHERSON	DOUGLAS	1	3
1130505	1/17/2021	4	31: PATON	SUMNER	WILFRED	5	1
1130610	2/1/2021	2	32: PATON	SIMPSON	BRUCE	0	2
1130807	1/8/2021	1	30: FED	MACKENZIE MORRIS	HELEN	1	0
	1/8/2021	1	30: FED	NILSON	STEPHEN	1	0
Total		25.6					

Division Projects:

- **Completed:** Produce PATON sheets for distribution to AV personnel for 2021 PATON verifications.

- **Completed:** Produce electronic copies of PATON sheets and bridge sheets for 2021 verifications and surveys.
- **Underway:** Transition DSO role from Jim Duncan to Mike Hay

Challenges/Obstacles/Opportunities:

- COVID limiting impact on conducting bridge surveys and PATON verifications.

Agency Interaction:

- Worked with Mike Salsman, Marine Information Specialist, dpw, to provide for office and computer systems access in order to return to on site work.
- Anticipate returning to dpw mid-March 2021.

Goals & Objectives:

- 100% surveys of 50 bridges for 11N
- 100% verifications of 785 PATONs for 11N
- **Completed:** Produce and distribute electronic bridge survey sheets for 50 bridges in 11N by the end of January
- **Completed:** Produce and distribute 2273 electronic and printed PATON sheets for both both 11N & 11S by mid-February.
- Create an Access db to support record keeping, PATON information access and processes for dpw at CGSTA Alameda

Note/Disclaimer: In recognition of COVID impacts, it is understood that 100% completion is a stretch goal for 2021. Consequently, priorities have been established to complete surveys and verifications in the following order: Bridges, Class I, Class II and then Class III PATONs

Photos:

None

NAV NOTES:

NOAA will begin its sunset plan for paper nautical charts this month. (See NOAA Comments below). Chart 18655, Lake Tahoe will be the first RNC chart to change to ENC only. With this change over the chart number will change from RNC chart 18655 to ENC chart US5CA98M

From NOAA:

NOAA begins transition exclusively to electronic navigation charts

Digital updates are easier, quicker, increase mariner safety

NOAA will begin to implement its sunset plan for paper nautical charts this month, starting with the current paper chart 18665 of Lake Tahoe. After August, NOAA’s electronic navigational chart will be the only NOAA nautical chart of the area.

This is the first traditional paper chart to be fully supplanted by an electronic chart as part of NOAA’s Office of Coast Survey [Raster Sunset Plan](#), which includes a new process to notify mariners of the transition of individual paper charts to [electronic charts](#). These charts are easier to update and maintain, keeping mariners safer with up-to-date information on marine hazards.

As part of the sunset plan, [released in 2019](#), mariners will be officially notified of this chart’s

cancellation in the U.S. Coast Guard Local Notice to Mariners. A note in the lower left corner of the chart will state that it is the last paper edition and it will be canceled six months later on August 26.

NOAA will continue to announce the cancellation of additional paper charts as the sunset plan progresses, initially based on volume of sales or downloads, and in regions with improved [NOAA electronic navigational chart](#) coverage. Cancellation of all traditional paper and associated raster chart products will be completed by January 2025.

NOAA announced the [start of a five-year process to end traditional paper nautical chart production](#) in late 2019 via a [Federal Register Notice](#). While NOAA is sunsetting its traditional nautical chart products, it is undertaking a major effort to improve the data consistency and provide larger scale coverage within its electronic navigational chart product suite.

Over the next four years, NOAA will work to ease the transition to electronic products by providing access to paper chart products based on electronic data. The online [NOAA Custom Chart](#) tool enables users to create their own paper and PDF charts from the latest NOAA ENC data.