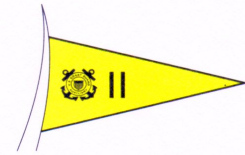


# UNITED STATES COAST GUARD AUXILIARY

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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: August 4, 2021

## **Highlights:**

- Bridge surveys and PATON verifications underway.
  - There are 50 bridges to survey and 771 PATONs to verify.
- Embedded at CSTA Alameda, Waterways Management, dpw
- Instructor at Navigation Systems C School in Yorktown, VA

## **Details:**

- 44 of 50 bridges (88%) have been surveyed to date. We have completed the Bridge survey period due date of May 31, 2021 – six remaining bridges to survey.
- 416 of 771 PATONs (54%) have been verified thus far. PATON verifications are due September 30, 2021.
- We are currently working on the backlog of Class II/III PATON permits and additions.
- Conducted numerous discussions regarding:
  - Process development for Discrepant aids, 7054s and other notices of issues to be resolved.
  - Developing a plan of how to process and manage new PATON permits
  - Working on a plan to provide feedback to information providers.
  - Enhancing Access db for usage by dpw and auxiliary
  - Permit application process
  
- Two charts below:
  - Divisional bridge and PATON Tables
  - AUXDATA II Navigation Systems Codes 30, 31, and 32 Reports

**Divisional Work Completion Tables:**

**Note: Work completions have been received post the preparation of these charts. Results will be displayed on next month's chart.**

DIVISIONAL 2021, BRIDGE, ATON, & CHART UPDATING SUMMARY TABLE														AUG	1	2021	
Div .	AIDS TO NAVIGATION				BRIDGES				Private Aids				Aid Verifiers				
	B	A	P	U	AOR	Check	%	NotCheck	AOR	Check	%	NotCheck	Trainee	PQS			
1	4		117	2	2	2	100%	0	105	65	62%	40	1	7			
3	17	1	32	14	15	15	100%	0	32	24	75%	8	0	3			
4					2	2	100%	0	69	45	65%	24	0	1			
5	13	1	91	4	11	11	100%	0	102	91	89%	11	0	7			
6	3	2	57		2	2	100%	0	69	57	83%	12	1	3			
8	1	16	3		1	1	100%	0	5	3	60%	2	0	1			
10	9		40		9	9	100%	0	54	40	74%	14	0	6			
11			46		0		NA	0	145	45	31%	100	1	8			
12	2		46		8	2	25%	6	190	46	24%	144	4	7			
<b>Total</b>	<b>49</b>	<b>20</b>	<b>432</b>	<b>20</b>	<b>50</b>	<b>44</b>	<b>88%</b>	<b>6</b>	<b>771</b>	<b>416</b>	<b>54%</b>	<b>355</b>	<b>7</b>	<b>43</b>			
Total Aids to Navigation					521				Number of members submitting an ATON or CU Reports				28				
Total Chart Updating 1/1/21 to 12/31/21					0				A=ATON, P=PATON, U=Unauthorized, B=Bridge								
Total ATON/CU Activity					521				C=Chart Update, CP=Coast Pilot Update, CCP=Charting Credit Points								
AUXDATA II 2021 Bridge & ATON Activity					1-Aug	2021	CHART UPDATING SUMMARY TABLE				AUG	1	2021	Type			
AUXDATA II 2021 Bridge & ATON Activity					AUXDATA	Div.	113 Jan 1 to Dec 31, 2020			113 Jan 1 to Dec 31, 2021			Type Reports 2021				
						Reports	0	CUP		Reports	0	CUP					
Div.	AIDS TO NAVIGATION					All NS Activys											
	BV	BD	AD	PV		PD											
1	1	3		95		50											
3	2	14	1	14		39											
4																	
5	8	4	5	51		90											
6		4		2													
8	2	1	16	2		1											
10				21		35											
11				41		50											
12	2																
<b>Total</b>	<b>15</b>	<b>26</b>	<b>22</b>	<b>226</b>	<b>265</b>	# Member submitting NOAA-Coast Survey Report-ASSIST						<b>0</b>					
Total Aids to Navigation					554	106%	Total	0	0	0	0	0	0	RC=26			

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

**Note: Work completions have been received post the preparation of this chart. Results will be displayed on next month’s chart.**

	Trainee	PQS	# Missions in AuxData II	Hrs in AuxData II
1	1	7	12	37.5
3	0	3	14	38.8
4	0	1	0	0
5	0	7	14	60
6	1	3	4	6
8	0	1	18	17.2
10	0	6	2	15
11	1	8	4	28
12	4	7	2	7
<b>Total</b>	<b>7</b>	<b>43</b>	<b>70</b>	<b>209.5</b>

**Note:** 1 Trainee has completed her PQS and has been submitted for PQS Certification

**Divisional Activity:**

**Division 1:** Flotilla 12 has completed assigned PATONS

- Flotilla 14 has completed their PATONS
- Flotilla 17 will complete verifications in mid August
- Flotilla 19 will provide vessel assist in verifying Flotilla 17 PATONS at night and completing 19’s remaining PATONS.

**Division 3:**

I have attached the following Navigation Systems Activities for CY 2021 Report as of 1 JULY.

1. Year to Date for DIVISIONAL 2021, BRIDGE, ATON, & CHART UPDATING SUMMARY TABLE.
  - a. (Aid Verifiers TAB 1 & Divisional Summary Table TAB 2 at bottom-left of screen)
2. Year to Date for Divisional & Member AUXDATA II activity.
3. Year to Date for 113 MASTER PATON & Bridge & Divisional all types of Aid activity.

**Division 5:**

**District 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
- **Completed:** Embed personnel at dpw and secure system access
- **Underway:** Capture backlog (due to COVID absences) of IATONIS entries at dpw

#### **National Interaction:**

- Currently BC-PNP for Navigation Systems
- Completed NS C School at Yorktown, VA – Provided 25 hours of Instruction at School.
- Updated all training materials for PATON section of class, approximately 5 direct hours of instruction.

#### **Challenges/Obstacles/Opportunities:**

- With Phase III upon us, Covid impacts of operations appear to be minimalized.

#### **Agency Interaction:**

- District 11 N/S has completed 18.2% of 2,372 overall PATONs.
- Added 10 new PATONs to district stable
- Bob Bain (FL57) and Michael Hay (FL57) area both working weekly at Waterways Management (dpw) as PATON Administrations.
- Backlog of Class II/III PATONs in progress – making headway

#### **Goals & Objectives:**

- 100% surveys of 50 bridges for 11N – *Work underway – 44 of 50 completed*
- 100% verifications of 771 PATONs for 11N – *Work underway*
- **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 – *Work Underway*
- Actively support development of new national 7054 form – *Draft completed, seeking approval through National command for later distribution.*

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:**

August 4, 2021

Contact:  
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## NOAA prepares to shut down Raster Navigational Chart Tile Service and Viewer

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NOAA will shut down its [Raster Navigational Chart \(RNC\) Tile Service](#) and the online [RNC Viewer](#) on October 1, 2021. The NOAA [Seamless Raster Navigational Chart Services](#) will be shut down on January 1, 2022. This is part of a larger NOAA program to end production and maintenance of all NOAA traditional paper and raster nautical charts that was announced in the [Federal Register](#) in November 2019.

The RNC tile and seamless services provide repackaged chart images that are based on the traditional nautical chart products that are being canceled. As these charts are canceled, a patchwork of holes will grow within the coverage of the raster services, which will eventually render them unusable. Therefore, the RNC Tile Service and the Seamless RNC Services will be turned off early in the raster sunset program. The online RNC Viewer displays data from the RNC Tile service, so it will be shut down at the same time.

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*NOAA's Office of Coast Survey is the nation's nautical chartmaker. Originally formed by President Thomas Jefferson in 1807, Coast Survey updates charts, surveys the coastal seafloor, responds to maritime emergencies, and searches for underwater obstructions that pose a danger to navigation*