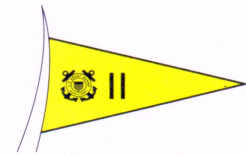


UNITED STATES COAST GUARD AUXILIARY

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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: June 6, 2021

Highlights:

- Bridge surveys and PATON verifications underway.
 - There are 50 bridges to survey and 768 PATONs to verify.
- Embedded at CSTA Alameda, Waterways Management, dpw
- Training on usage of IATONIS for MAC/Ds (Move, Adds, Changes & Deletes of PATONs)
- Updating all the National C School PATON training materials

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.
- 322 of 754 PATONs (42.7%) have been verified thufar. PATON verifications are due September 30, 2021.
- IATONIS – Integrated Aids to Navigation Information Systems database used by the Coast Guard for Private Aids to Navigation information and tracking – Auxiliarists are being trained to make Moves, Adds, Changes and Deletes to the PATON system of record for the Coast Guard. We are currently working on Class II PATON adds.
- Conducted numerous discussions regarding:
 - Priorities for dpw work
 - Catching up with backlog of work at dpw
 - Transmitting work back and forth with IATONIS
 - Completed rewrite of National form CG 7054 and specifically authoring instructions – conducted field testing of proposed form – now seeking approval up the chain prior to distribution.

- Beginning a new project with Coast Guard Research Team, New London, CT regarding the methodologies of doing PATON work by district.

- Three charts below:
 - Divisional bridge and PATON Tables
 - AUXDATA II Navigation Systems Codes 30, 31, and 32 Reports

Divisional bridge& PATON Tables:

Div.	BRIDGES			
	AOR	Check	%	NotCheck
1	2	2	100%	0
3	15	15	100%	0
4	2	2	100%	0
5	11	11	100%	0
6	2	2	100%	0
8	1	1	100%	0
10	9	9	100%	0
11	0		NA	0
12	8	2	25%	6
Total	50	44	88%	6

DISTRICT 113 2021 VERIFIICATIONS THROUGH					5/26/2021		
Work Area	Work Area Description	Aid Total	Total "WP"	Total "D"	Total Not Verified	Total Verified	Inspect %
0.01	West SF Bay	113	30	15	68	45	40%
0.02	East SF Bay	163	0	0	163	0	0%
0.03	Sacramento River Area	33	8	8	17	16	48%
0.04	South SF Bay	71	6	9	56	15	21%
0.05	San Pablo to Suisun Bay	113	44	40	29	84	74%
0.06	North Pacific Coast	69	47	5	17	52	75%
0.08	North Coast	6	0	0	6	0	0%
0.09	New York Slough & West Delta	37	0	0	37	0	0%
0.10	San Joaquin River Area	55	14	26	15	40	73%
0.11	Lake Tahoe	145	0	0	145	0	0%

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

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.

Unit Number ↑	Activity Mission Start Time	Activity Duration	Mission Code	Last Name	First Name	Member ID	Positi	WP	D
1130102	4/28/2021	6	31: PRIVATE	GOLDEN	ROBERT	1229056	LEAD	19	11
1130104	3/12/2021	5	31: PRIVATE	FORTNER	JOHN	3006973	LEAD	3	0
	3/12/2021	6	31: PRIVATE	FORTNER	JOHN	3006973	TRAIN	3	0
	3/12/2021	5	31: PRIVATE	PAZ	CAROL	1162951	LEAD	25	2
	4/1/2021	2	31: PRIVATE	KIRKWOOD	MARY	1194863	LEAD	2	1
1130107	5/8/2021	2.5	32: BRIDGE M	STEPHENS	MARY	3008981	LEAD	0	2
1130109	3/8/2021	1	31: PRIVATE	BLANCHARD	TERRY	1164733	LEAD	2	2
	5/15/2021	1	31: PRIVATE	BLANCHARD	TERRY	1164733	LEAD	6	9
	5/29/2021	1	31: PRIVATE	BLANCHARD	TERRY	1164733	LEAD	1	0
	5/15/2021	1	32: BRIDGE M	BLANCHARD	TERRY	1164733	LEAD	1	1
1130305	3/24/2021	3.1	31: PRIVATE	DUNCAN	JAMES	1176233	LEAD	4	2
	4/29/2021	2.6	31: PRIVATE	DUNCAN	JAMES	1176233	LEAD	0	8
	5/4/2021	6	31: PRIVATE	MACPHERSON	DOUGLAS	1248239	LEAD	4	19
	5/21/2021	6	31: PRIVATE	MACPHERSON	DOUGLAS	1248239	LEAD	0	8
	2/16/2021	4.4	32: BRIDGE M	DUNCAN	JAMES	1176233	LEAD	0	3
	2/18/2021	3.7	32: BRIDGE M	DUNCAN	JAMES	1176233	LEAD	0	3
	2/24/2021	2.5	32: BRIDGE M	DUNCAN	JAMES	1176233	LEAD	0	1
	2/28/2021	3	32: BRIDGE M	MACPHERSON	DOUGLAS	1248239	LEAD	1	3
1130310	4/5/2021	1	32: BRIDGE M	MACPHERSON	DOUGLAS	1248239	LEAD	0	1
	2/13/2021	1	32: BRIDGE M	BLACK	FREDRIC	1220671	LEAD	0	1
	2/13/2021	0.5	32: BRIDGE M	BLACK	FREDRIC	1220671	LEAD	1	0
	2/13/2021	1	32: BRIDGE M	BLACK	FREDRIC	1220671	LEAD	0	1
1130503	3/13/2021	1	32: BRIDGE M	BLACK	FREDRIC	1220671	LEAD	0	1
	3/16/2021	4	31: PRIVATE	MCCORMICK	RANDEL	1231405	LEAD	1	3
	3/16/2021	4	31: PRIVATE	DERFUSS	LEWIS	1146596	LEAD	0	4
	3/30/2021	7	31: PRIVATE	MCCORMICK	RANDEL	1231405	LEAD	7	0
	3/31/2021	5	31: PRIVATE	DERFUSS	LEWIS	1146596	LEAD	1	4
	5/25/2021	2	31: PRIVATE	DERFUSS	LEWIS	1146596	LEAD	2	2
	5/25/2021	1	31: PRIVATE	MCCORMICK	RANDEL	1231405	LEAD	0	2
	4/5/2021	5	32: BRIDGE M	DERFUSS	LEWIS	1146596	LEAD	3	2
1130505	5/25/2021	1	32: BRIDGE M	MCCORMICK	RANDEL	1231405	LEAD	1	0
	3/20/2021	1	30: FED NAV	SUMNER	WILFRED	1214285	LEAD	0	1
	1/17/2021	4	31: PRIVATE	SUMNER	WILFRED	1214285	LEAD	5	1
	3/13/2021	4	31: PRIVATE	SUMNER	WILFRED	1214285	LEAD	8	2
	3/21/2021	3	31: PRIVATE	SUMNER	WILFRED	1214285	LEAD	2	5
	3/23/2021	4	31: PRIVATE	SUMNER	WILFRED	1214285	LEAD	0	50
	4/3/2021	3	31: PRIVATE	SUMNER	WILFRED	1214285	LEAD	15	1
1130507	5/21/2021	4.5	32: BRIDGE M	SUMNER	WILFRED	1214285	LEAD	3	2
	5/27/2021	2	31: PRIVATE	HAY	MICHAEL	1159165	LEAD	0	2
1130610	2/1/2021	2	32: BRIDGE M	SIMPSON	BRUCE	1175532	LEAD	0	2
1130807	1/8/2021	1	30: FED NAV	MACKENZIE MORRIS	HELEN	3004158	LEAD	1	0
	4/2/2021	1	30: FED NAV	NILSON	STEPHEN	1219960	LEAD	1	0
	4/16/2021	1	30: FED NAV	MACKENZIE MORRIS	HELEN	3004158	LEAD	1	0
	4/30/2021	1	30: FED NAV	NILSON	STEPHEN	1219960	LEAD	1	0
1130808	5/18/2021	0.06	31: PRIVATE	MAMMANO	PHILIP	1215100	LEAD	2	1
	5/18/2021	0.06	32: BRIDGE M	MAMMANO	PHILIP	1215100	LEAD	2	1
1131006	3/13/2021	7.5	31: PRIVATE	MYERS	RICHARD	1233285	LEAD	7	15
	3/27/2021	7.5	31: PRIVATE	MYERS	RICHARD	1233285	LEAD	14	20

Divisional Activity:

Division 1:

- Flotilla 12 Stephen Straw reports he and Bob Golden verified the PATONS assigned with one exception on 5 May. The open item was verified May 17. All PATONS have now been verified or noted as missing or not watching properly.
- Flotilla 14 has completed their verifications.
- Flotilla 17 Mary Stephens reports Bridge surveys are completed. PATONS are scheduled to be completed in July.
- Flotilla 19 Terry Blanchard has been assigned Dumbarton Bridge, Railroad Bridge and PATONS in the South Bay. Silver Charm crew included Mary Stephens. They verified lighting on the Bridges and discovered many mission PATONS in the Bair Island Channel and several discrepant lights at Brisbane Marina.
- Photos of Missing or Discrepant buoys or lights were taken and sent in with the reports.

Division 3:

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

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:

Flotilla 5-1 No report

Napa Flotilla 52 – FSO-NS Report for May 2021.

- Position vacant.
- Audrey L, OPFAC, is now approved for Operational or Navigation Systems Patrols. Please contact Owner/Coxswain, Tom Hurley.

Respectfully Submitted, Glenn Michel Hunter

Flotilla 5-3 Report for May 2021

- Montezuma Bridge
- Bay Plains Products PATONS
- Hunter Cut light
- Suisun light 18
- 1 Bridge--All assigned completed
- 6 PATONS

Lew Derfuss, SO-OP 5

Flotilla 5-5 Navigation Systems Report May

- Larry Kubo surveyed The D Street Bridge in Petaluma and emailed the inspection sheet.
- I plan to drive to Tomales State Park to inspect the Swim Area buoys at two beaches at Tomales.
- The Research Bout at Bodega Horsehoe Cove will be inspected in June.

Respectfully submitted, Larry Kubo

Flotilla 5-7 NS report for May.

- 23 PATON inspections made on 5/26
- Tom Hurley: coxswain, Audrey L: facility, Bob Bain, Michael Hay, Earl Berg: crew
- Mission set for 6/1 with same crew and facility to accomplish 10 more inspections.
- Except for 2 vacation weeks in May, work at CGI continues one day per week.

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

Challenges/Obstacles/Opportunities:

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

Agency Interaction:

- Bob Bain (FL57) and Michael Hay (FL57) area both working weekly at Waterways Management (dpw) as PATON Administrations.
- Bain and Hay secured all necessary system access credentials in order to work on Coast Guard Systems, specifically, IATONIS.
- Entered all completed PATON inspections into IATONIS – District 11 is 10.2% completed for 2,375 total PATONs

Goals & Objectives:

- 100% surveys of 50 bridges for 11N – *Work underway – 44 of 50 completed*
- 100% verifications of 768 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:](#)

New Paper Chart Product - NOAA is aware that some chart users prefer paper charts. Although production of traditional paper charts will stop, a new form of paper nautical chart will be available through the [NOAA Custom Chart](#) capability (currently in prototype form). This system will enable users to create, customize, and print paper charts themselves, or have large format charts printed and delivered by a NOAA certified print-on-demand (POD) chart agent. We encourage those who want to continue using paper charts to become familiar with the NOAA Custom Chart prototype and [let us know](#) how to improve the system.