



U. S. Coast Guard Auxiliary Navigation Systems Division



NS-PN03-02 Aid Verifier Workshop

AV-Aid Verifier Workshop

Who should attend:

- All Aids Verifiers interested in assisting the CG ANTS in First Northern and become active with the First Northern Navigation Systems Team are encouraged to attend.
- Those Auxiliarists who wish to become AV-Aids Verifier qualified should also attend.
- Every Navigation Systems Staff Officers (FSO-NS and SO-NS) are encouraged to attend and become AV Mentors in 2010.

Pre-Workshop Registration is required:

- E-mail DSO-NS 013, Frank Larkin at FRANKJLARKIN@VERIZON.NET if you plan to attend this session.

Pre-Workshop readings and study are required:

- The Web-Based Private Aid to Navigation System will be presented. *AVC-Aid Verifier Candidates* are requested to download and read the prescribed materials available on the First Northern Navigation Systems Web Page at www.uscgaaan.com
- Check each Section below for download instructions and required reading(s).

Conference Training Schedule

Section 0	Section Title Introduction	AV Tasks Involved None		
Overview of this session Introductory remarks are presented. Guests are introduced.				
Start Time 0830	End Time 0845	Instructor		Total Time (mins) 15
Section 1	Section Title Chart Orientation	AV Tasks Involved Tasks 1-1, 1-2.		
Overview of the Section: A brief orientation of a NOAA Chart and Chart No. 1 is presented.				
Action Items: Acquire a copy of the NOAA Chart for the AOR where you normally operate. Download and read <i>NS-CU02 Chart Updating Training Guide</i>. Pages 2 thru 8.				
PowerPoint Training Presentations NS-PN03-03 Chart Orientation [22 slides]				
Start Time 0845	End Time 0910	Instructor		Total Time (mins) 25
Section 2	Section Title Review of more documents.	AV Tasks Involved Tasks 2-1, 2-2, 2-3.		
Overview of this Section: The use of the LNM-Local Notice to Mariners, the Coast Pilot and the Light List are discussed.				
Action Items: Download and read the latest copy of the LNM-Local Notice to Mariners relating to Private Aids. Download and read the pages of the Coast Pilot that apply to the AOR where you normally operate. Download and read the pages of the Light List that apply to the AOR where you normally operate.				
PowerPoint Training Presentations NS-PN03-04 MORE DOCUMENTS– PowerPoint Training Presentation. [11 slides]				
Start Time 0910	End Time 0925	Instructor		Total Time (mins) 15

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Section 3	Section Title 33 CFR, Part 66 PATON Regulations	AV Tasks Involved Tasks 3-1, 3-2, 3-3, 3-4.		
Overview of this Section: This is a brief review of the Federal Regulations regarding Private Aids to Navigation.				
Action Items: Download and read a copy of 33 CFR, PART 66--PRIVATE AIDS TO NAVIGATION				
PowerPoint Training Presentations NS-PN03-05-33CFR Part 66 – PowerPoint Training Presentation. [15 slides]				
Start Time 0925	End Time 0950	Instructor		Total Time (Mins) 25

Section 4	Section Title Pre-prep of the Private Aid to Navigation Form.	AV Tasks Involved 4-1.		
Overview of this Section. The update of static data to the Private Aid to Navigation Report will be demonstrated.				
Action Items: A copy of the NS-PN04 Private Aid to Navigation Report will be provided. AVC will enter their static data on this form as part of the exercise. AVC should download review this EXCEL form to their home computer.				
PowerPoint Training Presentations NS-PN03-06-PATON REPORT FORM PREP – PowerPoint Training Presentation. [16 slides]				
Start Time 0950	End Time 1010	Instructor		Total Time (mins) 20

15 minute break.

Section 5	Section Title Review of the IALA-B ATON System	AV Tasks Involved 5-1.		
Overview of the Section: A quick review of the IALA-B Aids to Navigation System will be presented.				
Action Items: USCG U.S. AIDS TO NAVIGATION SYSTEM BOOKLET – Copy will be handed out at the workshop. Read pages 9 thru 18 of the NS-AN02 Auxiliary Short Range Aid to Navigation Training Guide. AVC will enter the IALA-B information on the NS-PN04 Private Aid to Navigation Report as part of this exercise.				
PowerPoint Training Presentations NS-PN03-07 BASIC ATON SYSTEM – PowerPoint Training Presentation. [70 Slides]				
Start Time 1025	End Time 1110	Instructor		Total Time (mins) 45

Section 6	Section Title Explanation of Light Characteristics	AV Tasks Involved 6-1.		
Overview of this Section: A review of the light characteristics and light periods and how to check the light period of a navigational light				
Action Items: Read pages 25 and 26 of the NS-AN02 Auxiliary Short Range Aid to Navigation Training Guide. AVC will identify and enter the light characteristics on the NS-PN04 Private Aid to Navigation Report.				
PowerPoint Training Presentations NS-PN03-08 Basic ATON Light Systems Training Presentation.				
Start Time 1110	End Time 1130	Instructor		Total Time (mins) 20

Section 7	Section Title Searching out the specifications of PATONs	AV Tasks Involved 7-1, 7-2.		
Overview of this session Familiarization with the elements of a PATON specification is demonstrated with Light Lists, NOAA Charts and a 2554 PATON Application Edit Record.				
Start Time 1130	End Time 1155	Instructor		Total Time (mins) 25

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Lunch

Section 8	Section Title Understanding discrepancies on a PATON	AV Tasks Involved 8-1.		
Overview of this Section: The typical discrepancies observed on a PATON are explained.				
Action Items: Download and read the NS-AN03 ATON KIT. Read pages 35 thru 37 of the NS-AN02 Auxiliary Short Range Aid to Navigation Training Guide. AVC enters discrepancies on the NS-PN04 Private Aid to Navigation Report during this session.				
PowerPoint Training Presentations NS-PN03-09 PATON DISCREPANCY REVIEW. [45 slides]				
Start Time 1300	End Time 1345	Instructor		Total Time (mins) 45

Section 9	Section Title Reporting Non-Permitted PATONs.	AV Tasks Involved 9-1.		
Overview of this Section: Use of the NS-PN04 Private Aid to Navigation Report and the NS-PN07 Non-Permitted PATON Field Report for reporting non-permitted aids to the Coast Guard.				
Action Items: Review the copies of these two forms on-line at the PATON Web Page at www.uscgaaan.com. AVC will enter the data for a non-permitted aid on a NS-PN07 Non-Permitted PATON Field Report as part of this session.				
Start Time 1345	End Time 1405	Instructor		Total Time (mins) 20

10 Minute Break

Section 10	Section Title Reporting depths of water to a government agency.	AV Tasks Involved 10-1, 10-2, 10-3, and 10-4.		
Overview of this Section: The guideline for taking and reporting the depth of water to a government agency is explained.				
Action Items: Read page 33 of the NS-AN02 Auxiliary Short Range Aid to Navigation Training Guide. AVC will enter depth information on a NS-PN04 Private Aid to Navigation Report as part of this session.				
PowerPoint Training Presentations NS-PN03-10 DEPTH - PowerPoint Training Presentation.				
Start Time 1415	End Time 1445	Instructor		Total Time (mins) 30

Section 11	Section Title Taking and reporting Fixes to government agencies.	AV Tasks Involved 11-1, 11-2, 11-3, 11-4, 11-5 and 11-6.		
Overview of this Section: A brief explanation of the guidelines for taking and reporting a Fix to a government agency.				
Action Items: Read pages 29 thru 32 of the NS-AN02 Auxiliary Short Range Aid to Navigation Training Guide. Review the following PowerPoint Presentations on-line at www.uscgaaan.com using “View Notes” option: NS-PN03-11 GPS Orientation Presentation (11-01-09) [41 slides]. NS-PN03-12 GPS Waypoint Presentation (05-10-08). NS-PN03-13 GPS ROUTE Presentation (05-10-08) .				
PowerPoint Training Presentations NS-PN03-14 GPS SET UP Presentation (11-01-09) [23 Slides] NS-PN03-15 GPS FIX - PowerPoint Training Presentation.				
Start Time 1445	End Time 1530	Instructor		Total Time (mins) 45

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Section 12	Section Title Reporting PATON activity to AUXDATA.	AV Tasks Involved 12-1.		
Overview of this Section: Preparation of a 7030 Activity Report.				
Action Items: Read pages 38 and 39 of the NS-AN02 Auxiliary Short Range Aids to Navigation Training Guide. AVC will fill out a 7030 Activity Report – Mission – Individual as part of this session.				
Start Time 1530	End Time 1555	Instructor QUINN		Total Time (mins) 25

Section 13	Section Title Use of the Web-Based PATON System.	AV Tasks Involved 13-1, 13-2 and 13-3.		
Overview of this Section: User Registration and PATON Applications procedures will be demonstrated.				
Action Items: Download and read the NS-PN06 Web-Based PATON AV System Training Guide				
Training Presentations The Registration Screen, the LOGON Screen and the 2554 PATON Applications screens will be demonstrated. AVC will fill out these forms which are available on their AV Qualification Guide as part of this session.				
Start Time 1555	End Time 1615	Instructor		Total Time (mins) 20

Section 14	Section Title Reporting a PATON verification to the C.G.	AV Tasks Involved 14-1.		
Overview of this Section: Preparation of the AV Verification Report will be demonstrated.				
Action Items: The US Coast Guard Auxiliary AV PATON Report will be demonstrated. AVC will fill out this form on their AV Qualification Guide as part of this session.				
Start Time 1615	End Time 1700	Instructor		Total Time (mins) 45