

SYSTEM SUPPORT DIRECTIVE

NADIN-2

6181

STR-NA2-101

System Technical Release

CONNECTION OF POTOMAC AIRFIELD SYSTEM AS AN X.25 USER TO THE NADIN II PSN AT ZBW

HIGHLIGHTS

- ZBW
- ATL NNCC
- SLC NNCC

March 8, 2006

1. **PURPOSE.** This System Technical Release (STR) authorizes the connection of the Potomac Airfield system to the National Airspace Data Interchange Network (NADIN) II Packet Switched Network (PSN) at the Boston (ZBW) Air Route Traffic Control Center (ARTCC). This STR also authorizes the modification of the NADIN II configuration database with a new port definition to support this connection. Since the Potomac Airfield system is a new user to the NADIN II PSN, a brief system overview will be given in Appendix 2, Potomac Airfield System Overview.
2. **DISTRIBUTION.** This directive is distributed to selected Technical Operations Services (TOS) offices having the following facilities/equipment: NADIN II PSN.
3. **REFERENCES.**
 - a. TI 6600.8, Installation, Operation, and Maintenance Manual, National Airspace Data Interchange Network (NADIN) Packet Switched Network (NADIN PSN).
 - b. 8015314, HNS Strategy™ Configuration Manual, Release 7.1, dated April 30, 1998.
 - c. 8016793, HNS Strategy™ Graphical Network Operator's Console (GNOC) Procedures Manual, Release 6.2, dated May 17, 1996.
4. **DESCRIPTION OF PROBLEM.** The Potomac Airfield system currently has no X.25 connectivity with the operational NADIN II PSN node at the ZBW ARTCC.
5. **SITE APPLICATION.** This STR is applicable to the NADIN II PSN node located at the ZBW ARTCC for the hardware connection, and one of the National Network Control Centers (NNCC) located in Atlanta (ATL) and Salt Lake City (SLC) for the database configuration change.
6. **CONTENTS.** Not applicable.

DISTRIBUTION: 46FG

INITIATED BY: AJW-177

7. **RECOMMENDED ACTION.** See Appendix 3, Site Technician's Instructions, and Appendix 4, NNCC Operator's Instructions.
8. **SOFTWARE/HARDWARE IMPACT.** This modification will provide the Potomac Airfield system X.25 connectivity to the NADIN II PSN.
9. **CLARIFICATION OR COMMENTS.** For further clarification or comments, please contact the Communications Infrastructure Engineering Team via the FAA National Operational Support (ANOS) Help Desk at (800) 475-2667.
10. **ADDRESS CHANGES.** Submit facility address, copy count, and additions or deletions to the appropriate System Management Office (SMO) within the organization. The SMO will utilize the Web Direct Distribution System (DDS) to forward the requested changes to the regional office. When the regional office approves the change, the Web DDS will be updated immediately.
11. **RISKS.** There are no risks associated with this STR. Failure to implement the connection will adversely affect the capability to support user connectivity.
12. **FALLBACK PROCEDURES.** Fallback procedures are documented in appendix 4.
13. **STATUS ACCOUNTING.** The following procedures should be performed if maintenance activities are currently being recorded in the Maintenance Management System (MMS):

Use the MMS application Log Equipment Modification (LEM) function to report the implementation of this directive. Verify that an "N" is in the "REP COD" field to ensure that the log entry will be upwardly reportable to the national database for National MOD Tracking. The data is to be entered into the LEM as follows:

System/Order No.: STR-NA2

SEQ #/Chap: 101

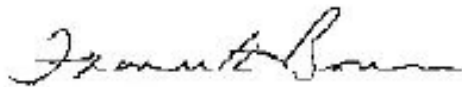
Change: T

If maintenance activities are currently being recorded in the National Airspace System Infrastructure Management System (NIMS) Event Management System (EMS), please navigate to the link below, using Internet Explorer, and follow the provided instructions. Use your Lotus Notes web account (short name) and password to access NIMS status accounting instructions.

https://mdtcm.mps.faa.gov/docs/NIMS_Status_Accounting/NIMS_Status_Accounting.pdf

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NOTE: If you have any questions about the LEM record made by the maintenance engineering organization, please contact Kellie Liden at (609) 485-4587.



Richard A. Thoma
Director, Safety and Operations Support

March 8, 2006

Date

LIST OF APPENDIXES AND ATTACHMENTS

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
APPENDIX 1.	TEST AND EVALUATION RESULTS SUMMARY	1
APPENDIX 2.	POTOMAC AIRFIELD SYSTEM OVERVIEW	X
APPENDIX 3.	SITE TECHNICIAN'S INSTRUCTIONS	X
APPENDIX 4.	NNCC OPERATOR'S INSTRUCTIONS	X
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