

CRS System Administration Manual
NWS EHB-7 Series

U. S. Department Of Commerce

National Oceanic and Atmospheric
Administration

National Weather Service

Change Instruction

Change: Errata 1

Errata 1 to the CRS Administration Manual performs the following:

1. Adds the Record of Changes page.
2. Adds the List Of Effective Pages.
3. Replace pages 8-3/8-5 with pages 8-3/8-4.

Instructions:

<u>Remove</u>	<u>Insert</u>
1. N/A	Record of Changes page following the title page.
2. N/A	List of Effective Pages following the Record of Changes page.
3. Page 8-3/8-5	Page 8-3/8-4 Errata 1.
4.	File this change sheet in front of the the Record Of Changes for reference purposes.

CRS SYSTEM ADMINISTRATION MANUAL

Record of Changes

Version Number	Change Number	Issue Date	Summary of Revision or Change
5.1	0	990625	Original Issue
5.1	Errata 1	991130	Erratum Pages 8-3, 8-4 Add List of Effective Pages Add Change History Page

RECORD OF CHANGES

ERRATA 1

List of Effective Pages

Date of issue for original and changed pages are:

Original 0 June 2, 1999

Page No.	Change No.	Page No.	Change No.
Title	0	E-1 - E-2	0
i-v	0	Appendix F	0
1-1 - 1-8	0	F-1	0
2-1 - 2-32	0	Appendix G	0
3-1 - 3-22	0	G-1 - G-3	0
4-1 - 4-24	0	Appendix H	0
5-1 - 5-28	0	H-1	0
6-1 - 6-7	0	Appendix I	0
7-1 - 7-14	0	I-1 - I-2	0
8-1 - 8-3	0	Appendix J	0
8-4	Errata 1	J-1 - J-3	0
8-5	0	Appendix K	0
Appendix A	0	K-1 - K-8	0
A-1 - A-105	0	Appendix L	0
Appendix B	0	L-1	0
B-1 - B-16	0	Appendix M	0
Appendix C	0	M-1 - M-4	0
C-1 - C-6	0	PCR	0
Appendix D	0	1-2	0
D-1 - D-2	0	PCR Form	0
Appendix E	0		

CommPower Audio Control Panel (ACP)

See paragraph 4.4.3.2.3 of the CRS Maintenance Manual.

CommPower Audio Switch Assembly (ASA)

See paragraph 4.4.3.2.4 of the CRS Maintenance Manual.

ON-LINE Diagnostics

On-Line diagnostics are provided as part of the UNIX operating system and the CRS application software and provide the following features:

UNIX provides notification of operating system errors through NOTICE, WARNING and PANIC messages.

NOTICE	Helps to anticipate problems before they occur
WARNING	Indicate serious problems that need immediate correction
PANIC	Indicate a problem so severe that the operating system has aborted.

NOTICE and WARNING are displayed on the console in message windows and logged to Control Interface (CI) and Error Message Logging (EML), found in the /crs/bin and /crs/logs files.

PANIC messages are displayed only on the system maintenance console. Since the system is halted, no further software action can be performed, and manual intervention is required.

CRS application software performs extensive automatic detection of hardware errors by transfer of on-line, LRU-level status/error reporting from the operating system to the Control Interface (CI) for CRS related logging and reporting to the (CI) primary status screen.

Procedures for Running Diags

Procedures for running CRS Diags can be found in the CRS Maintenance Manual, paragraph 4.4.3. The following procedures are covered:

Standard PC Diagnostics (MPs & FEPs)	paragraph 4.4.3.2.1.1
Local Area Network Diagnostics (MPs & FEPs)	paragraph 4.4.3.2.1.2
A/D Converter Diagnostics (MPs & FEPs)	paragraph 4.4.3.2.1.3
DECtalk Diagnostics (FEPs only)	paragraph 4.4.3.2.1.4

Adaptec SCSI Diagnostics (MPs & FEPs)	paragraph 4.4.3.2.1.5
Digiboard PortServer 8 (LAN Server)	paragraph 4.4.3.2.2
CommPower Audio Control Panel (ACP)	paragraph 4.4.3.2.3
CommPower Audio Switch Assembly	paragraph 4.4.3.2.4
Dial-up Modems (ROAMS & Support)	paragraph 4.4.3.2.5
Epson Printer	paragraph 4.4.3.2.6
Surge Arrestor	paragraph 4.4.3.2.7

Removal and Replacement Procedures

System hardware component removal and replacement procedures start on paragraph 4.4.4.

<u>LRU</u>	<u>Removal</u>	<u>Replacement</u>
Main Processors	paragraph 4.4.4.2.1.1	paragraph 4.4.4.2.1.2
Front-End Processors	paragraph 4.4.4.2.2.1	paragraph 4.4.4.2.2.2
16MB SIMM Removal/Replacement	paragraph 4.4.4.3.1	paragraph 4.4.4.3.2
Hard Disk Drive Removal/Replacement	paragraph 4.4.4.4.1	paragraph 4.4.4.4.2
Floppy Disk Drive Removal/Replacement	paragraph 4.4.4.5.1	paragraph 4.4.4.5.2
CD ROM Removal/Replacement	paragraph 4.4.4.6.1	paragraph 4.4.4.6.2
LAN Card Removal/Replacement	paragraph 4.4.4.7.1	paragraph 4.4.4.7.2
Analog/Digital Converter Card Removal/Replacement	paragraph 4.4.4.8.1	paragraph 4.4.4.8.2
DECtalk Removal/Replacement	paragraph 4.4.4.9.1	paragraph 4.4.4.9.2
Fan Removal/Replacement	paragraph 4.4.4.10.1	paragraph 4.4.4.10.2
17" & 15" Monitor Removal/Replacement	paragraph 4.4.4.11.1	paragraph 4.4.4.11.2
Mouse Removal/Replacement	paragraph 4.4.4.12.1	paragraph 4.4.4.12.2
Keyboard Removal/Replacement (Main Processors)	paragraph 4.4.4.13.1	paragraph 4.4.4.13.2
Keyboard Removal/Replacement (Front-End Processors)	paragraph 4.4.4.14.1	paragraph 4.4.4.14.2
Audio Control Panel Removal/Replacement	paragraph 4.4.4.15.1	paragraph 4.4.4.15.2
Voice Processor Removal/Replacement	paragraph 4.4.4.16.1	paragraph 4.4.4.16.2
NWRSAME Encoders Removal/Replacement	paragraph 4.4.4.17.1	paragraph 4.4.4.17.2
LAN Server Removal/Replacement	paragraph 4.4.4.18.1	paragraph 4.4.4.18.2
ROAMS Dial-up Modem Removal/Replacement	paragraph 4.4.4.19.1	paragraph 4.4.4.19.2
Audio Switch Assembly Removal/Replacement	paragraph 4.4.4.20.1.1	paragraph 4.4.4.20.1.2
Audio Switch Controller Removal/Replacement	paragraph 4.4.4.20.2.1	paragraph 4.4.4.20.2.2