XXXXXXXXXXXXXXXX IMMEDIATE ACTION XXXXXXXXXXXXXX

NWS: EHB-6, Software Note 26
DoD: TO 31P1-4-108-624

CHANGE LOWEST BOUNDARY LEVEL PARAMETER FOR LAYERED PRODUCTS

DOPPLER METEOROLOGICAL RADAR WSR-88D

DoD Distribution Statement A - Approved for public release; distribution is unlimited.

PUBLISHED UNDER AUTHORITY OF THE SECRETARIES OF
COMMERCE, THE AIR FORCE, THE NAVY, AND TRANSPORTATION

Issuance Number: EHB 6-04-09
Data Code: 3119691
Issuance Date: 28 April 2004
NWS/DoD Rescission Date: 28 April 2005

XXXXXXXXXXXXXXXX IMMEDIATE ACTION XXXXXXXXXXXXXX

NWS APPROVAL:

Signature valid

Mark S. Paese

Digitally signed by Mark S. Paese
DN: cn=Mark S. Paese, o=DOC/NOAA/NWS, c=US
Date: 2004.04.28 16:27:16 -04'00'

_____ **Date** _____

Mark S. Paese
Director, Maintenance, Logistics and Acquisition Division

DoD APPROVAL:

BY ORDER OF THE SECRETARY OF THE AIR FORCE

JOHN P. JUMPER, General, USAF
Chief of Staff

Signature valid

Digitally signed by Ed Berkowitz
Date: 2004.04.28 15:36:40 -05'00'
Reason: I am approving this document

_____ **Date** _____

Edward L. Berkowitz, Chief
Programs Branch
Radar Operations Center
TOMA

1. SUBJECT

Change Lowest Boundary Level Parameter for Layered Products.

2. PURPOSE

The FAA requests that the lowest layer for all layered products have the lowest possible height, in kft (kilofeet), above the radar level. The change implemented by this software note will enable controllers to view all data at the lowest possible height.

For additional information concerning this document, contact the WSR-88D Hotline, Norman, OK; phone number: (800) 643-3363 or (405) 573-8900, or by e-mail at NEXRAD.Hotline@noaa.gov. An electronic copy of this document can be found at the following Internet address:
www.roc.noaa.gov/ssb/sysdoc/techman/tmlinks.asp

3. SITES AFFECTED

See ATTACHMENT 2 for site effectivity.

4. ESTIMATED COMPLETION DATE

Immediately upon receipt of this Software Note/Time Compliance Technical Order.

5. EQUIPMENT AFFECTED

Radar Product Generator Group.

6. SPARES AFFECTED

Not applicable.

7. MODIFICATION ACCOMPLISHED BY

Site electronic systems analysts, electronics technicians, or operators will accomplish this task. One technician or operator is required to perform these procedures.

8. MATERIALS REQUIRED

One formatted 3.5 inch diskette provided by site.

9. SOURCE OF MATERIALS

Not applicable.

10. SPECIAL TOOLS AND TEST EQUIPMENT REQUIRED

Not applicable.

11. TIME AND PERSONNEL REQUIRED

Work Phases	Work Hours
Unpacking	0.0
Disassembly	0.0
Installation	0.5
Assembly	0.0
Operational Checks	0.0
Total Work-hours	0.5

12. DOCUMENTS AFFECTED

Not applicable.

13. VERIFICATION STATEMENT

This modification was successfully installed at the Radar Operations Center, Norman, Oklahoma.

14. DISPOSITION OF REMOVED AND REPLACED PARTS/MATERIALS

Not applicable.

15. PROCEDURES

Perform the procedures in ATTACHMENT 1 at your site.

16. FAA DISTRIBUTION

Not applicable.

17. CHANGES TO TABLE OF CONTENTS (FAA)

Not applicable.

18. RECOMMENDATIONS FOR CHANGES (FAA)

Not applicable.

19. REPORTING INSTRUCTIONS

a. NWS

Report the completed modification using the Engineering Management Reporting System (EMRS) according to the instructions in NWS Instruction 30-2104, Maintenance Documentation, Part 4 and Appendix E.

Include the following information on the EMRS report:

- The equipment code of MSCF in block 7.
- The appropriate serial number in block 8.
- A Mod No. of S26 in block 17a.

A sample EMRS report is provided as ATTACHMENT 4.

b. DoD

Update the AFTO Form 95 to show TCTO compliance. Report TCTO compliance in accordance with TO 00-20-2, Table 3-10, Rule 9.

Complete ATTACHMENT 3 and return the information to the ROC by one of the methods below:

(1) Mail Address: Program Branch, Configuration Management Team
WSR-88D Radar Operations Center
3200 Marshall Ave., Suite 101
Norman, Oklahoma 73072-8028

(2) Fax Number: (405) 573-3480
ATTN: Configuration Management Team

(3) E-mail Address: NEXRAD.CM.comments@noaa.gov

(4) Web Version: http://www.roc.noaa.gov/ssb/logistics/completion.asp

ATTACHMENT 1

LOWEST BOUNDARY LEVEL CHANGE INSTRUCTIONS

Material Required:

1 new 3.5 inch formatted diskette (provided by the site).

Initial Conditions:

This procedure is to be performed at the MSCF.

Step	Action/Response	Comments
1	At the MSCF, if not logged in, login as a regular site user (i.e., a site-specific user account).	
2	For only those MSCFs controlling FAA RPGs: Be on the Active/Controlling channel.	
3	If there is not `a Master System Control Function` window open, open one. In a `Terminal` window, at the *user*: prompt, enter: **mscf &<Return>**	To open a `Terminal` window, right click on an open screen, select Tools, then select Terminal.
4	In the `Master System Control Function` window, click on the **RPG HCI** button. The HCI appears	
5	In the RPG box of the HCI, click the **Products** button. The `RPG Products` window appears.	
6	In the `RPG Products` window, click the **Selectable Parameters** button. The `Edit Selectable Product Parameters` window appears.	
7	In the `Edit Selectable Product Parameters` window, click on **Layer Product** to display the layer product parameters.	

ATTACHMENT 1 (Continued)

LOWEST BOUNDARY LEVEL CHANGE INSTRUCTIONS

Step	Action/Response	Comments
8	In the upper right corner of the `Edit Selectable Product Parameters` window, click the **Padlock** button. The `Password` window appears.	
9	In the `Password` window, click the **URC** button.	The password entry field appears.
10	Click in the password field, and enter: *URC password***<Return>** The editable box turns light blue in the `Layer 0 Height` row under the `Current` column.	The lowest layer height is now editable.
11	Double-click in the editable box in the `Layer 0 Height` row under the `Current` column. The current value in the editable box becomes highlighted in inverse video.	This enables editing of the field.
12	Change the value in this field to the next higher kft than the height of the radar. For example, if the radar height is 3600 ft, this value needs to be changed to 4. Enter: *Correct value* **<Return>** If you do not know the height of your radar, enter a **1** in the editable box and press **<Return>**. If this is below the radar height, a `warning_popup` window appears with an error message. If you get this error message, increment to the next higher level (e.g., **2**). Repeat until the level is accepted.	
13	Click the **Save** button. When the `warning_popup` window appears, click **Yes** to save changes.	This saves the change.
14	Click the **Update** button at the top of the `Edit Selectable Product Parameters` window. When the `warning_popup` window appears, click **Yes** to update the baseline data.	This updates the baseline data.

ATTACHMENT 1 (Continued)

LOWEST BOUNDARY LEVEL CHANGE INSTRUCTIONS

Step	Action/Response	Comments
15	Click the **Close** button to close the `Edit Selectable Product Parameters` window.	
	NOTE For only those MSCFs controlling FAA RPGs: The baseline data for the Inactive/Non-controlling RPG channel should automatically update to match the baseline data for the Active/Controlling RPG channel. To verify they match, check the `Adapt Times` line in the HCI at the lower right below the `Users` box. The word `MATCH` should be displayed over a green background. If `MISMATCH` is displayed over a red background, call the WSR-88D Hotline at (800) 643-3363 or (405) 573-8900.	
16	At the MSCF processor, insert a formatted diskette into the floppy drive. Ensure the diskette is not write protected and ensure it can be secured and retained for adaptation backup purposes.	
17	In a Terminal window, at a normal *user:* prompt, enter: **save_adapt_floppy -o rpg1<Return>**	

18	When the following message appears:
	
	`---> Saving Adaptation Data`
	`---> Insert a new floppy into the floppy drive`
	`---> Hit return when ready`
	
	enter:
	<Return>	

19	When the following message appears:
	
	`---> Mounting floppy`
	`---> Saving RPG adaptation data to /floppy/floppy0`
	`Saving RPG adaptation data . . .`
	`Saved adaptation data into rpg . . .`
	
	User is returned to the *user*: prompt.
		This completes the RPG adaptation data save.

ATTACHMENT 1 (Continued)

LOWEST BOUNDARY LEVEL CHANGE INSTRUCTIONS

Step	Action/Response	Comments

	NOTE
	
	A check is now made automatically to ensure the new adapt file is on the diskette. If it is not, an error will appear that reads:
	
	`--->ERROR: Unable to save adaptation data. Check floppy!`
	`Floppy may be bad or write protected.`
	
	If this message appears, go back to Step 16, using another diskette.	

20	For only those MSCFs controlling FAA RPGs: When this first RPG backup is completed, enter: **save_adapt_floppy -o rpg2<Return>** Repeat steps 18 and 19.	This saves the adaptation data for the other RPG.
21	At the *user*: prompt, enter: **eject<Return>**	Electronically dismounts the diskette and insures the file is placed on the diskette.
22	When the `Removable Media Manager` window opens and states the floppy can now be manually ejected, Click on **OK**. The following message also appears: `/vol/dev/rdiskette0 /... can now be manually ejected` Push the button on the right of the disk drive and remove the diskette.	
23	Move the write protect tab to the write protect position. Label the diskette with the following information: RPG Backup Adaptation Data *RPG Build #* *Date the backup was made* *Site ID* Store this diskette in a safe location.	

ATTACHMENT 1 (Continued)

LOWEST BOUNDARY LEVEL CHANGE INSTRUCTIONS

Step	Action/Response	Comments
24	For NWS only: Repeat this attachment for all DoD or FAA MSCFs located at your site.	
25	This completes the procedure.	

ATTACHMENT 2

EFFECTIVITY

NWS

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
	Eastern Region			
ALBANY	ALBANY, NY	MSCF	ALY	WN9518
BINGHAMTON	JOHNSON CITY, NY	MSCF	BGM	WN9515
BOSTON	TAUNTON, MA	MSCF	BOX	WN9509
BROOKHAVEN	UPTON, NY	MSCF	OKX	WN9912
BUFFALO	BUFFALO, NY	MSCF	BUF	WN9528
FT DRUM	SOUTH BURLINGTON, VT	MSCF	BTV	WN9617
BURLINGTON	SOUTH BURLINGTON, VT	MSCF	BTV	WN9617
CARIBOU	CARIBOU, ME	MSCF	CAR	WN9712
CHARLESTON, SC	CHARLESTON, SC	MSCF	CHS	WN9208
CHARLESTON, WV	CHARLESTON, WV	MSCF	RLX	WN9414
CINCINNATI	WILMINGTON, OH	MSCF	ILN	WN9710
CLEVELAND	CLEVELAND, OH	MSCF	CLE	WN9524
COLUMBIA	WEST COLUMBIA, SC	MSCF	CAE	WN9310
NORFOLK	WAKEFIELD, VA	MSCF	AKQ	WN9952
DOVER AFB	WAKEFIELD, VA	MSCF	AKQ	WN9952
GREER	GREER, SC	MSCF	GSP	WN9312
MOREHEAD CITY	NEWPORT, NC	MSCF	MHX	WN9307
PHILADELPHIA	MOUNT HOLLY, NJ	MSCF	PHI	WN9950
PITTSBURGH	CORAOPOLIS, PA	MSCF	PBZ	WN9917

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
PORTLAND, ME	GRAY, ME	MSCF	GYX	WN9938
RALEIGH/DURHAM	RALEIGH, NC	MSCF	RAH	WN9306
ROANOKE	BLACKSBURG, VA	MSCF	RNK	WN9954
STATE COLLEGE	STATE COLLEGE, PA	MSCF	CTP	WN9925
STERLING	STERLING, VA	MSCF	LWX	WN9931
WILMINGTON	WILMINGTON, NC	MSCF	ILM	WN9301
	Southern Region			
CANNON AFB	ALBUQUERQUE, NM	MSCF	ABQ	WP9365
ALBUQUERQUE	ALBUQUERQUE, NM	MSCF	ABQ	WP9365
VANCE AFB	NORMAN, OK	MSCF	OUN	WP9921
NORMAN	NORMAN, OK	MSCF	OUN	WP9921
ALTUS AFB	NORMAN, OK	MSCF	OUN	WP9921
AMARILLO	AMARILLO, TX	MSCF	AMA	WP9363
ROBINS AFB	PEACHTREE CITY, GA	MSCF	FFC	WP9219
ATLANTA	PEACHTREE CITY, GA	MSCF	FFC	WP9219
LAUGHLIN AFB	NEW BRAUNFELS, TX	MSCF	EWX	WP9253
AUSTIN/SAN ANTONIO	NEW BRAUNFELS, TX	MSCF	EWX	WP9253
MAXWELL AFB	ALABASTER, AL	MSCF	BMX	WP9957
BIRMINGHAM	ALABASTER, AL	MSCF	BMX	WP9957
BROWNSVILLE	BROWNSVILLE, TX	MSCF	BRO	WP9250
JACKSON/BRANDON, MS	JACKSON, MS	MSCF	JAN	WP9235

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
COLUMBUS AFB	JACKSON, MS	MSCF	JAN	WP9235
CORPUS CHRISTI	CORPUS CHRISTI, TX	MSCF	CRP	WP9251
FT HOOD	FORT WORTH, TX	MSCF	FWD	WP9259
DALLAS/FT WORTH	FORT WORTH, TX	MSCF	FWD	WP9259
SAN ANGELO	SAN ANGELO, TX	MSCF	SJT	WP9263
DYESS AFB	SAN ANGELO, TX	MSCF	SJT	WP9263
MOBILE	MOBILE, AL	MSCF	MOB	WP9223
EGLIN AFB	MOBILE, AL	MSCF	MOB	WP9223
HOLLOMAN AFB	SANTA TERESA, NM	MSCF	EPZ	WP9270
EL PASO	SANTA TERESA, NM	MSCF	EPZ	WP9270
LAKE CHARLES	LAKE CHARLES, LA	MSCF	LCH	WP9240
FT POLK	LAKE CHARLES, LA	MSCF	LCH	WP9240
TALLAHASSEE	TALLAHASSEE, FL	MSCF	TAE	WP9214
FT RUCKER	TALLAHASSEE, FL	MSCF	TAE	WP9214
HOUSTON	DICKINSON, TX	MSCF	HGX	WP9935
MOODY AFB	JACKSONVILLE, FL	MSCF	JAX	WP9206
JACKSONVILLE	JACKSONVILLE, FL	MSCF	JAX	WP9206
KEY WEST	BOCA CHICA KEY, FL	MSCF	EYW	WP9201
KNOXVILLE	MORRISTOWN, TN	MSCF	MRX	WP9325
LITTLE ROCK	NORTH LITTLE ROCK, AR	MSCF	LZK	WP9340
LUBBOCK	LUBBOCK, TX	MSCF	LUB	WP9933
MELBOURNE	MELBOURNE, FL	MSCF	MLB	WP9204

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
MEMPHIS	MEMPHIS, TN	MSCF	MEG	WP9334
MIAMI	MIAMI, FL	MSCF	MFL	WP9918
MIDLAND/ODESSA	MIDLAND, TX	MSCF	MAF	WP9265
NASHVILLE	OLD HICKORY, TN	MSCF	OHX	WP9327
NORTHEAST ALABAMA	HUNTSVILLE, AL	MSCF	HUN	WP9914
SAN JUAN FAA	SAN JUAN, PR	MSCF	SJU	WP9526
SHREVEPORT	SHREVEPORT, LA	MSCF	SHV	WP9248
SLIDELL	SLIDELL, LA	MSCF	LIX	WP9919
TAMPA	RUSKIN, FL	MSCF	TBW	WP9961
WESTERN ARKANSAS	TULSA, OK	MSCF	TSA	WP9356
TULSA	TULSA, OK	MSCF	TSA	WP9356
Central Region				
ABERDEEN	ABERDEEN, SD	MSCF	ABR	WR9659
MINOT AFB	BISMARCK, ND	MSCF	BIS	WR9764
BISMARCK	BISMARCK, ND	MSCF	BIS	WR9764
CHEYENNE	CHEYENNE, WY	MSCF	CYS	WR9564
CHICAGO	ROMEOVILLE, IL	MSCF	LOT	WR9969
DENVER	BOULDER, CO	MSCF	BOU	WR9469
DES MOINES	JOHNSTON, IA	MSCF	DMX	WR9546
DETROIT	WHITE LAKE, MI	MSCF	DTX	WR9954
DODGE CITY	DODGE CITY, KS	MSCF	DDC	WR9451

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
DULUTH	DULUTH, MN	MSCF	DLH	WR9745
PADUCAH	PADUCAH, KY	MSCF	PAH	WR9957
FT CAMPBELL	PADUCAH, KY	MSCF	PAH	WR9957
EVANSVILLE,IN	PADUCAH, KY	MSCF	PAH	WR9957
FARGO/GRAND FORKS	GRAND FORKS, ND	MSCF	FGF	WR9750
GOODLAND	GOODLAND, KS	MSCF	GLD	WR9465
GRAND ISLAND	HASTINGS, NE	MSCF	GID	WR9552
GRAND JUNCTION	GRAND JUNCTION, CO	MSCF	GJT	WR9476
GRAND RAPIDS	GRAND RAPIDS, MI	MSCF	GRR	WR9635
GREEN BAY	GREEN BAY, WI	MSCF	GRB	WR9645
INDIANAPOLIS	INDIANAPOLIS, IN	MSCF	IND	WR9438
JACKSON, KY	JACKSON, KY	MSCF	JKL	WR9956
LA CROSSE	LA CROSSE, WI	MSCF	ARX	WR9643
LINCOLN	LINCOLN, IL	MSCF	ILX	WR9436
LOUISVILLE	LOUISVILLE, KY	MSCF	LMK	WR9423
MARQUETTE	NEGAUNEE, MI	MSCF	MQT	WR9743
MILWAUKEE	DOUSMAN, WI	MSCF	MKX	WR9965
MINNEAPOLIS	CHANHASSEN, MN	MSCF	MPX	WR9658
NCL MICHIGAN	GAYLORD, MI	MSCF	APX	WR9610
NORTH PLATTE	NORTH PLATTE, NE	MSCF	LBF	WR9562
NORTHERN INDIANA	NORTH WEBSTER, IN	MSCF	IWX	WR9534
OMAHA	VALLEY, NE	MSCF	OAX	WR9553

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
PLEASANT HILL	PLEASANT HILL, MO	MSCF	EAX	WR9446
PUEBLO	PUEBLO, CO	MSCF	PUB	WR9464
QUAD CITIES	DAVENPORT, IA	MSCF	DVN	WR9544
RAPID CITY	RAPID CITY, SD	MSCF	UNR	WR9662
RIVERTON/LANDER	RIVERTON, WY	MSCF	RIW	WR9576
SIOUX FALLS	SIOUX FALLS, SD	MSCF	FSD	WR9651
SPRINGFIELD	SPRINGFIELD, MO	MSCF	SGF	WR9440
ST LOUIS	WELDON SPRING, MO	MSCF	LSX	WR9971
TOPEKA	TOPEKA, KS	MSCF	TOP	WR9456
WICHITA	WICHITA, KS	MSCF	ICT	WR9450
Western Region				
SACRAMENTO	SACRAMENTO, CA	MSCF	STO	WT9914
BEALE AFB	SACRAMENTO, CA	MSCF	STO	WT9914
BILLINGS	BILLINGS, MT	MSCF	BYZ	WT9677
BOISE	BOISE, ID	MSCF	BOI	WT9681
SALT LAKE CITY	SALT LAKE CITY, UT	MSCF	SLC	WT9932
CEDAR CITY	SALT LAKE CITY, UT	MSCF	SLC	WT9932
LAS VEGAS	LAS VEGAS, NV	MSCF	VEF	WT9386
EDWARDS AFB	LAS VEGAS, NV	MSCF	VEF	WT9386
ELKO	ELKO, NV	MSCF	LKN	WT9903
EUREKA (BUNKER HILL)	EUREKA, CA	MSCF	EKA	WT9594

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
FLAGSTAFF	BELLEMONT, AZ	MSCF	FGZ	WT9375
GLASGOW	GLASGOW, MT	MSCF	GGW	WT9768
GREAT FALLS	GREAT FALLS, MT	MSCF	TFX	WT9950
LOS ANGELES	OXNARD, CA	MSCF	LOX	WT9295
MEDFORD	MEDFORD, OR	MSCF	MFR	WT9597
MISSOULA	MISSOULA, MT	MSCF	MSO	WT9773
PENDLETON	PENDLETON, OR	MSCF	PDT	WT9688
YUMA	PHOENIX, AZ	MSCF	PSR	WT9278
PHOENIX	PHOENIX, AZ	MSCF	PSR	WT9278
POCATELLO	POCATELLO, ID	MSCF	PIH	WT9578
PORTLAND, OR	PORTLAND, OR	MSCF	PQR	WT9698
RENO	RENO, NV	MSCF	REV	WT9488
SANTA ANA MTS	SAN DIEGO, CA	MSCF	SGX	WT9918
SAN DIEGO	SAN DIEGO, CA	MSCF	SGX	WT9918
SAN FRANCISCO	MONTEREY, CA	MSCF	MTR	WT9933
SAN JOAQUIN VALY	HANFORD, CA	MSCF	HNX	WT9389
SEATTLE	SEATTLE, WA	MSCF	SEW	WT9922
SPOKANE	SPOKANE, WA	MSCF	OTX	WT9785
TUCSON	TUCSON, AZ	MSCF	TWC	WT9274

Alaskan Region

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
MIDDLETON ISLAND	ANCHORAGE, AK	MSCF	AFC	WV9904
KING SALMON FAA	ANCHORAGE, AK	MSCF	AFC	WV9904
BETHEL FAA	ANCHORAGE, AK	MSCF	AFC	WV9904
ANCHORAGE FAA	ANCHORAGE, AK	MSCF	AFC	WV9904
NOME FAA	FAIRBANKS, AK	MSCF	AFG	WV9261
FAIRBANKS FAA	FAIRBANKS, AK	MSCF	AFG	WV9261
SITKA FAA	JUNEAU, AK	MSCF	AJK	WV9381
Pacific Region				
ANDERSEN AFB	AGANA, GU	MSCF	GUM	WW9902
SOUTH SHORE FAA	HONOLULU, HI	MSCF	HFO	WW9182
SOUTH KAUAI	HONOLULU, HI	MSCF	HFO	WW9182
MOLOKAI FAA	HONOLULU, HI	MSCF	HFO	WW9182
KAMUELA/KOHALA APT	HONOLULU, HI	MSCF	HFO	WW9182
Miscellaneous				
NRC #2	KANSAS CITY, MO	MSCF	NRCM7	WG9163
NRC #1	KANSAS CITY, MO	MSCF	NRCM7	WG9163
NWSHQ TESTBED	SILVER SPRING, MD	MSCF		WG9310
PRC RPG	RESTON, MD	MSCF	PRCV2	WG9310
WDTB	NORMAN, OK	MSCF		WG9410

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
ROC6	NORMAN, OK	MSCF		WG9410
ROC5 HOTLINE	NORMAN, OK	MSCF		WG9410
ROC4 NWS RPG	NORMAN, OK	MSCF		WG9410
ROC3 NWS RPG	NORMAN, OK	MSCF		WG9410
ROC DOD RPG (KREX)	NORMAN, OK	MSCF		WG9420
TRAINING CENTER #1 NWSTC	KANSAS CITY, MO	MSCF	TTCM7	WB9612
ROC FAA REDUNDANT	NORMAN, OK	MSCF	CRIO2	WG9410

DoD

KUNSAN AB	YOKOTA AB, JA	MSCF		
KADENA AB	YOKOTA AB, JA	MSCF		
CAMP HUMPHREYS	YOKOTA AB, JA	MSCF		
KEESLER AFB MNTC TRNG B	KEESLER AFB, MS	MSCF	BIX	FE3010
KEESLER AFB MNTC TRNG A	KEESLER AFB, MS	MSCF	BIX	FE3010
LAJES AB	SANTA BARBARA, AZR	MSCF	PLAL3	FE4486
VANDENBERG AFB	ORCUTT, CA	MSCF	VBX	FE4610

ATTACHMENT 3

CHANGE LOWEST BOUNDARY LEVEL PARAMETER FOR LAYERED PRODUCTS COMPLETION FORM

********** DoD Only will complete and return this form **********
NWS report completion through EMRS

Site Name: _____

Site Identifier: _____

Total Time to Complete this Modification Document: _____

Technician's Name(s): _____

Technician's Phone Number: _____

Date Completed: _____

Problem(s) Encountered:

_____

_____

_____

_____

Upon completion of this form, return the information to the ROC using one of the four methods below:

1. Mailing Address: Program Branch, Configuration Management Team
   WSR-88D Radar Operations Center
   3200 Marshall Ave., Suite 101
   Norman, OK 73072-8028

2. FAX Number: (405) 573-3480
   ATTN: Configuration Management Team

3. E-mail Address: NEXRAD.CM.comments@noaa.gov

4. Web Version: http://www.roc.noaa.gov/ssb/logistics/completion.asp

ATTACHMENT 4

SAMPLE EMRS PAGE

A26 Detail Form - ESCM2, SILVER SPRING, MD :: JOHN MERHI - Microsoft Internet Explorer

New A26 | Commit A26 | Place on Hold | Copy A26 | Delete A26 | Detail Report | Document Summary | Help

GENERAL INFORMATION

NEW RECORD — WFO* TBW — Document No.* TBW40422004

1. Open Date: 04/22/2004 — Open Time: 08:00 — 2. Op Initials: WSH — 3. Response Priority: ○ Immediate ○ Low ○ Routine ◉ Not Applicable — 4. Close Date: 04/22/2004 — Close Time: 09:00

5. Maintenance Description — 437 characters left — RADAR, WSR-88D

Change the Lowest Boundary Level Parameter for Layered Products

EQUIPMENT INFORMATION

6. Station ID*: TBW — 7. Equipment Code: MSCF — 8. Serial Number: M0160 — 9. TM: M — 10. AT: M — 11. How Mal: 999

Alert: — Time Remaining: 1:00 (For Block 12 use only)

12. EQUIPMENT OPERATIONAL STATUS TIMES

a. Fully Operational		Partially Operational				Not Operational			
		b. Logistic Delay		c. All Other		d. Logistic Delay		e. All Other	
Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes

13. PARTS USAGE and CONFIGURATION MANAGEMENT REPORTING

ASN	Vendor Part No. (New Part)	Serial Number (Old Part)	Serial Number (New Part)	
				New Row
				Delete Row

14. WORKLOAD INFORMATION

a. Routine		b. Non-Routine		c. Travel		d. Misc		e. Overtime	
Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes
						1	00		

MISCELLANEOUS INFORMATION

15. Maintenance Comments — 675 characters left

Changed the lowest boundary level parameter, I.A.W. NEXRAD Software Note 26

16. Tech Initials: GAF

17. SPECIAL PURPOSE REPORTING INFORMATION

a. Mod No.: S26 — b. Mod Act/Deact Date: 04/22/2004 — c. Block C — d. Trouble Ticket No. — e. Block E

Done — Internet