

NWS REQUEST FOR CHANGE FORM

1. ISCS TRACKING NUMBER

ISCS-0014

1A. REV LEVEL

A

2. DATE RECEIVED

05/19/2008

PART A - COVER SHEET

This form is in three parts. Submitters must complete unshaded blocks in Part A, and as much of Part B and C as possible. If there is no specific required change date, enter 60 days from date submitted. Address questions to ISCS Change Management at (301) 713-1743.

3. ORIGINATOR OFFICE ISCS	4. SUBMITTING AUTHORITY Name: Robert Gillespie Routing Code: W/OPS17	5. COGNIZANT TECHNICAL INDIVIDUAL Name: Patrick Gillis Routing Code: W/OPS17 Phone: (301) 713-1743 ext.104	6. ORIGINATOR TRACKING NUMBER	7. DATE SUBMITTED 19 May 2008
8. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> ASOS <input type="checkbox"/> AWIPS <input type="checkbox"/> CSSA <input type="checkbox"/> CRS <input type="checkbox"/> DATA PRODUCTS <input type="checkbox"/> EMWIN <input type="checkbox"/> NEXRAD <input type="checkbox"/> RRS <input checked="" type="checkbox"/> OTHER (specify) ISCS/WAFS				9. ORD IDENTIFIER
10. TITLE OF CHANGE Listing of ICAO approved Gridded (GRIB-1) data products for the WAFS broadcast.				
11. CATEGORY OF CHANGE <input checked="" type="checkbox"/> RC <input type="checkbox"/> PECP <input type="checkbox"/> ECP		12. TYPE OF CHANGE <input checked="" type="checkbox"/> DOCUMENTATION ONLY <input type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DATA		
13. SITES AFFECTED National Weather Service (NWS) Silver Spring and all ISCS end-user sites in the ICAO Regions.				
14. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM To satisfy ICAO requirements for WAFS broadcast of gridded model data products in GRIB-1 format.				
15. KNOWN OR PROPOSED SOLUTION The attached pages list the headings of GRIB-1 data products approved by ICAO for broadcast over the ISCS/WAFS.				
16. ALTERNATE SOLUTIONS None				
17. REQUIRED CHANGE DATE	18. RATIONALE FOR REQUIRED CHANGE DATE		19. PRIORITY <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> URGENT <input type="checkbox"/> EMERGENCY	
DRG/CCB/PMC/CMB DECISION				
20. DECISION AUTHORITY AND IMPACT LEVEL	<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED <input type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> FAST TRACK		<input type="checkbox"/> MAJOR CHANGE <input type="checkbox"/> MINOR CHANGE	
21. CCB LEVEL DECISION	<input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE /s/ Robert J. Gillespie	
	<input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> REFERRED TO OSIP		DATE SIGNED 19 May 2008	
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
22. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE/DATE	

NWS REQUEST FOR CHANGE FORM

1. ISCS TRACKING NUMBER

ISCS-0014

1A. REV LEVEL

A

2. DATE RECEIVED

05/19/2008

PART A - DATA PRODUCTS SUPPLEMENT

This information is required for Data Products submissions.

3. INTERNAL NWS USE ONLY

YES

NO

4. PRODUCT SOURCE

5. AWIPS DATA TYPE

6A. NOTIFICATION

6B. CHANGE NOTICE NUMBER

6C. ISSUE
DATE

6D. TEST DATE

6E. IMPLEMENT
DATE

AWIPS

EMWIN

NWWS

ISCS

16 Jun 2007

29 Jun 2007

31 Jul 2007

7. NODE
ID

8. AWIPS ID
NNNXXX

9. WMO HEADER

10. ADD
REV
DEL

11.
SEAS
Y/N

12. CHAR
PER MSG

13.
FREQUENCY

14. NWSTG DISTR

**NWS REQUEST FOR CHANGE
FORM**

1. ISCS TRACKING NUMBER

ISCS-0014

1A. REV LEVEL

A

2. DATE RECEIVED

05/19/2008

PART B - FUNDING AND SUPPORT ACTIVITIES

All RC/ECP submissions must also address the following information. Attach extra pages if necessary, referencing each applicable subject.

FUNDING INFORMATION		SOURCE OF FUNDING	COST DATA
3A. DEVELOPMENT COSTS		3B.	3C. \$
4A. OPERATIONAL TEST AND EVALUATION COSTS		4B.	4C. \$
5A. PRODUCTION COSTS		5B.	5C. \$
6A. COMMUNICATIONS SERVICE/CIRCUITS COSTS		6B.	6C. \$
7A. IMPLEMENTATION SUPPORT COSTS		7B.	7C. \$
8A. LIFE CYCLE SUPPORT COSTS		8B.	8C. \$
9A. CCB COST EVALUATION NWS COST \$ FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ (SPECIFY)			9B. TOTAL COST \$

SUPPORTING INFORMATION AND SCHEDULES

10. DEVELOPMENT STATUS/SCHEDULE	11. PROCUREMENT STATUS/ SCHEDULE
12. IMPLEMENTATION/RETROFIT STATUS/SCHEDULE	13. FACILITY INFORMATION
14. COMMUNICATIONS RESOURCES TO BE INSTALLED	15. COMMUNICATIONS RESOURCES TO BE REMOVED
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES	17. COORDINATION OF CHANGE WITH OTHER CHANGES
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED	19. STAFF RESOURCE IMPACTS
20. LOGISTICS IMPACTS	21. OPERATIONAL IMPACTS

22. ADDITIONAL MAJOR CHANGE ACTIVITIES

Installation of new MPLS access circuits (23HCGS071717 and 23HCGS071722) in the NWSRG and connection to ISCS routers located in data cabinet. Existing ISCS T-1 circuits (36HCGS817453 and 36HCGS976665) will be left in standby mode until disconnection in early August 2007. Connection of ISCS Pacific Ocean Region (POR) monitoring workstation to ISCS Hawaii Back-haul circuit will be moved to new connection on Verizon router located in NWSRG.

PART C - CHANGE AND IMPLEMENTATION ACTIVITIES

Submitters should propose implementation actions; WSH will assist with and supplement actions or required statements when necessary.

3. IMPLEMENTATION DOCUMENTS REQUIRED

Engineering Modification Note
 Software Release Notes
 Other Document (Specify) _____

ADDITIONAL IMPLEMENTATION INSTRUCTIONS

4. IMPLEMENTATION ACTIVITY REQUIRED	5. RESPONSIBLE PERSON AND OFFICE	6. REQUIRED COMPLETION DATE	7. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
1) Verification of all GRIB-1 data products currently being routed to the ISCS broadcast by the NWSTG against the list of approved ICAO GRIB-1 products.	Barbara Tobe - NWS Data Management	30 Aug 2008	Notification to ISCS Program Manager (Bob Gillespie) and ISCS Program Lead (Pat Gillis)
2) Modification of NWSTG RTG database switching directory, as needed.	Barbara Tobe - NWS Data Management	30 Aug 2008	Notification to ISCS Program Manager (Bob Gillespie) and ISCS Program Lead (Pat Gillis)

NWS REQUEST FOR CHANGE FORM	1. ISCS TRACKING NUMBER	1A. REV LEVEL	2. DATE RECEIVED
	ISCS-0014	A	05/19/2008