

NWS REQUEST FOR CHANGE FORM

1. WSH TRACKING NUMBER ISCS-0005	1A. REV LEVEL A	2. DATE RECEIVED 06/16/2007
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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 OCWWS	4. SUBMITTING AUTHORITY Name: Larry Burch Routing Code: OCWWS	5. COGNIZANT TECHNICAL INDIVIDUAL Name: Larry Burch Routing Code: OCWWS Phone: 816-584-7203	6. ORIGINATOR TRACKING NUMBER	7. DATE SUBMITTED 16 June 2007
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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
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10. TITLE OF CHANGE
Advancing the lead time of issuance of Significant Weather (SIGWX) forecasts

11. CATEGORY OF CHANGE <input checked="" type="checkbox"/> RC <input type="checkbox"/> PECP <input type="checkbox"/> ECP	12. TYPE OF CHANGE <input type="checkbox"/> DOCUMENTATION ONLY <input type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input checked="" type="checkbox"/> DATA
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13. SITES AFFECTED
National Weather Service (NWS) Silver Spring, Honolulu, Verizon Andover Hub, Verizon Yacolt Hub, and Verizon Fuchsstadt Hub.

14. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM
To satisfy Conclusion 3/14 from the Third Meeting of the World Area Forecast System Operations Group (WAFSOPSG/3).
Conclusion 3/14: "Advancing the lead time of issuance of Significant Weather (SIGWX) forecasts. That, in order to meet the needs for long-haul flights, the World Area Forecast Center (WAFSC) Provider States be invited to advance, in time for the WAFSOPSG/4 Meeting, the lead time of issuance of SIGWX forecasts in the BUFR code form

From: a) 13 hours 45 minutes for high levels (SWH); and b) 13 hours 45 minutes for medium levels (SWM)

To: a) 17 hours for high levels (SWH); and b) 16 hours for medium levels (SWM)."

Note: WAFSOPSG/4 Meeting is February 26-28, 2008.

15. KNOWN OR PROPOSED SOLUTION
Implement new SIGWX production process at the AWC.

16. ALTERNATE SOLUTIONS

None

17. REQUIRED CHANGE DATE 06 Feb 2008	18. RATIONALE FOR REQUIRED CHANGE DATE Date coordinated between WAFSC London, WAFSC Washington, and NWSEO at the AWC.	19. PRIORITY <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> URGENT <input type="checkbox"/> EMERGENCY
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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 16 June 2007		

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
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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

JUWE96 KKCI

JUCE00 KKCI

JUBE99 KKCI

JUTE97 KKCI

JUFE00 KKCI

JUOE00 KKCI

JUTE00 KKCI

JUJU00 KKCI

JUNE00 KKCI

JUME00 KKCI

JUVE00 KKCI

PGEE05 KKCI

PGIE05 KKCI

PGAE05 KKCI

PGBE05 KKCI

PGJE05 KKCI

PGGE05 KKCI

PGDE29 KKCI

PGNE14 KKCI

PGEE07 KKCI

PGAE07 KKCI

PGBE07 KKCI

PGJE07 KKCI

PGDE30 KKCI

PGIE07 KKCI

PGGE07 KKCI

PGNE15 KKCI

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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. \$ 0.00
4A. OPERATIONAL TEST AND EVALUATION COSTS		4B.	4C. \$ 0.00
5A. PRODUCTION COSTS		5B.	5C. \$ 0.00
6A. COMMUNICATIONS SERVICE/CIRCUITS COSTS		6B.	6C. \$ 0.00
7A. IMPLEMENTATION SUPPORT COSTS		7B.	7C. \$ 0.00
8A. LIFE CYCLE SUPPORT COSTS		8B.	8C. \$ 0.00
9A. CCB COST EVALUATION NWS COST \$ FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ (SPECIFY)			9B. TOTAL COST \$ 0.00

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) Aviation Weather Center (AWC) to make change in distribution schedule for SIGWX BUFR products by no later than 31 July 2007.	Larry Burch, AWC	31 July 2007	Notification to ISCS Program Manager (Bob Gillespie) and NWSTG Data Management (Fred Branski).

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