

NWS REQUEST FOR CHANGE FORM

1. ISCS TRACKING NUMBER ISCS-0018	1A. REV LEVEL A	2. DATE RECEIVED 10/08/2008
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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	4. SUBMITTING AUTHORITY Name: Robert Gillespie Routing Code: W/OPS17	5. COGNIZANT TECHNICAL INDIVIDUAL Name: Larry Burch Routing Code: OCWWS Phone: 816-584-7203	6. ORIGINATOR TRACKING NUMBER	7. DATE SUBMITTED 8 October 2008
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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
High-Glance Significant Weather (SigWx) Chart.

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 and all ISCS end-user sites in the ICAO Regions.

14. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM
Need to expand and enhance global aviation weather forecast information to be used in flight planning (decision making) for global air transportation under International Civil Aviation Organization's (ICAO) World Area Forecast System (WAFS). Specifically, Significant Weather (SIGWX) Forecasts will be expanded and produced with validity times ranging from 6 hours to 36 hours, at 3 hourly time intervals. Contents of the SIGWX will be enhanced to provide an improved display of aviation weather information for high altitude normal operations, as well as low-mid altitude emergency operations. High altitude high-at-glance SIGWX will include jet streams, convection, and turbulence forecasts for the entire globe. Low-medium altitude high-at-a-glance SIGWX will include icing and convection forecasts for the entire globe.

15. KNOWN OR PROPOSED SOLUTION
Replacement of High and Medium altitude SIGWX forecasts in BUFR and PNG formats.

16. ALTERNATE SOLUTIONS
None

17. REQUIRED CHANGE DATE TBD	18. RATIONALE FOR REQUIRED CHANGE DATE To meet ICAO requirements.	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
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21. CCB LEVEL DECISION	<input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> REFERRED TO OSIP	SIGNATURE /s/ Robert J. Gillespie DATE SIGNED 08 October 2008
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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

8-Oct-2008

TBD

7. NODE
ID

8. AWIPS ID
NNNXXX

9. WMO HEADER

10. ADD
REV
DEL

11. SEA
S
Y/N

12. CHAR PER
MSG

13. FREQUENCY

14. NWSTG DISTR

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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. \$
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

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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
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