1. ISCS TRACKING NUMBER 1A. REV LEVEL ISCS-0001

2. DATE RECEIVED

10/24/2006 **FORM** 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 4. SUBMITTING AUTHORITY 5. COGNIZANT TECHNICAL 6. ORIGINATOR TRACKING 7. DATE SUBMITTED NUMBER OFFICE INDIVIDUAL Name: Michael Mercer Name: Michael Mercer 10/24/2006 OCWWS/ASB Routing Code: W/OS23 Routing Code: W/OS23 N/A Phone: 301-713-1726 x140 Phone: 301-713-1726 x140 8. SYSTEMS AFFECTED BY CHANGE 9. ORD IDENTIFIER **AWIPS CRS DATA PRODUCTS ASOS** CSSA **EMWIN NEXRAD RRS** OTHER (specify) ISCS/WAFS 10. TITLE OF CHANGE Volcanic Ash Advisory Messages 12. TYPE OF CHANGE 11. CATEGORY OF CHANGE RC PECP **ECP** DOCUMENTATION ONLY **HARDWARE SOFTWARE** Х DATA 13. SITES AFFECTED All ISCS sites. 14. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM ADD-Volcanic Ash advisory (NOTAM/ASTAM) text products into ISCS database by adding WMO Header Information per ICAO Doc. 9766-AN968. List of Products updated to reflect correct WMO Headers. 15. KNOWN OR PROPOSED SOLUTION Add products WM0 Header information into NWSTG database and ISCS routing table. 16. ALTERNATE SOLUTIONS None 18. RATIONALE FOR REQUIRED CHANGE DATE 17. REQUIRED 19. PRIORITY CHANGE DATE November 20,2006 As stated by FAA, per ICAO Doc. 9766-AN1968 **URGENT X** ROUTINE **EMERGENCY** DRG/CCB/PMC/CMB DECISION 20. DECISION AUTHORITY PMC or NWS CMB CCB LEVEL MAJOR MINOR **FAST** AND IMPACT LEVEL **DECISION REQUIRED** ONLY TRACK CHANGE CHANGE 21 CCB LEVEL DECISION SIGNATURE **APPROVED** DISAPPROVED DATE SIGNED RECOMMEND REFERRED APPROVAL TO OSIP

22. PMC OR NWS CMB

DECISION

**APPROVED** 

FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED.

DISAPPROVED

SIGNATURE/DATE

1. ISCS TRACKING NUMBER 1A. REV LEVEL

ISCS-0001

В

2. DATE RECEIVED

10/24/2006

#### PART A - DATA PRODUCTS SUPPLEMENT This information is required for Data Products submissions 3. INTERNAL NWS USE ONLY 4. PRODUCT SOURCE 5. AWIPS DATA TYPE See Countries in block 8 on this page YES Text 6B. CHANGE NOTICE NUMBER 6C. ISSUE 6E. IMPLEMENT . **6A. NOTIFICATION** 6D TEST DATE DATE DATE AWIPS **EMWIN NWWS** ISCS 20 Nov 2006\* N/A\* 7. NODE 8. AWIPS ID 9 WMO HEADER 12 CHAR 14 NWSTG DISTR 10. ADD 13 ID REV SEAS PER MSG FREQUENCY NNNXXX DEL Y/N Argentina FVAG01 SABM Add' N -128 As Reg'd Line 261 Australia FVAU01 ADRM Add' N -128 As Reg'd Line 261 **FVAU02 ADRM** Add\* Ν -128 As Reg'd Line 261 FVAU03 ADRM Add' N -128 As Reg'd Line 261 **FVAU04 ADRM** Add N -128 As Reg'd Line 261 **FVAU05 ADRM** Add\* N -128 As Req'd Line 261 N -128 **FVAU06 ADRM** Add' As Reg'd Line 261 **FVAU07 ADRM** Add' N -128 As Rea'd Line 261 **FVAU08 ADRM** Add' N -128 As Regid Line 261 **FVAU09 ADRM** Add' N -128 As Reg'd Line 261 **FVAU10 ADRM** Add<sup>3</sup> N -128 As Reg'd Line 261 Canada **FVCN01 CWAO** Add N -128 Line 261 As Req'd **FVCN02 CWAO** Add\* N -128 As Reg'd Line 261 **FVCN03 CWAO** N -128 As Reg'd Add\* Line 261 **FVCN04 CWAO** Add\* Ν -128 As Reg'd Line 261 FVXX01 LFPW N **France** Add\* -128 As Reg'd Line 261 FVXX02 LFPW N As Req'd Add\* -128 Line 261 -128 FVXX03 LFPW Add\* N As Req'd Line 261 FVXX04 LFPW Add' N -128 As Reg'd Line 261 FVXX05 EGGR N -128 Add' As Reg'd Line 261 FVFE01 RJTD Add' N -128 As Rea'd Japan Line 261 **New Zealand FVPS01 NZKL** Add' N -128 As Req'd Line 261 **United Kingdom FVXX01 EGGR** N Add' -128 As Reg'd Line 261 FVXX02 EGGR As Reg'd Add' N -128 Line 261 FVXX03 EGGR N As Req'd Add' -128 Line 261 FVXX05 EGGR Add' N -128 As Reg'd Line 261 **United States** FVAK21 PAWU N -128 As Reg'd Add' Line 261 **FVAK22 PAWU** Add' N -128 As Reg'd Line 261 FVAK23 PAWU Add' N -128 As Req'd Line 261 As Reg'd **FVAK24 PAWU** Add' Ŋ -128 Line 261 **FVAK25 PAWU** Add' $\overline{N}$ -128 As Reg'd Line 261 As Req'd FVXX20 KNES Add' N -128 Line 261 N FVXX21 KNES Add' -128 As Reg'd Line 261 FVXX22 KNES Add' N -128 As Reg'd Line 261 **FVXX23 KNES** Add' Ν -128 As Req'd Line 261 **FVXX24 KNES** Add' N -128 As Reg'd Line 261 FVXX25 KNES Add<sup>3</sup> N -128 As Req'd Line 261 FVXX26 KNES Add' N -128 As Reg'd Line 261 **FVXX27 KNES** Add\* N -128 As Reg'd Line 261

1. ISCS TRACKING NUMBER | 1A. REV LEVEL | 2. DATE RECEIVED ISCS-0001

В

10/24/2006

PART A - DATA PRODUCTS SUPPLEMENT  This information is required for Data Products submissions.									
NODE	8: AWIPS ID NNNXXX	9. WMO HEADER	10. ADD REV DEL	11. SEAS	12. CHAR PER MSG	13. FREQUENCY	14. NWSTG DISTR		
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ISCS-0001

1. ISCS TRACKING NUMBER 1A. REV LEVEL

2. DATE RECEIVED

10/24/2006

#### 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 COST DATA **FUNDING** 3B. 3A, DEVELOPMENT COSTS 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 9B. TOTAL COST FAA COST \$ OTHER AGENCY COST \$ **NWS COST \$** DOD COST \$ (SPECIFY) SUPPORTING INFORMATION AND SCHEDULES 11. PROCUREMENT STATUS/ SCHEDULE 10. DEVELOPMENT 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 NWSTG 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 NWSTG.

NWSRC Form 1001 (Rev C, 4/1/2005)

1. ISCS TRACKING NUMBER 1A. REV LEVEL 2. DATE RECEIVED ISCS-0001

10/24/2006

#### PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT

This information is required prior to publication of Engineering Modification Notes and Software Release Notes. PART AND SOFTWARE IDENTIFICATION 3. ITEM TYPE: HARDWARE 4. ITEM NAME AND REFERENCE 5. ADD 6. OLD PART OR SOFTWARE VERSION 7. NEW PART OR SOFTWARE VERSION REMOVE A, PART NUMBER OR SOFTWARE VERSION A. PART NUMBER OR SOFTWARE VERSION B. SERIAL NUMBER B. SERIAL NUMBER REPLACE MODIFY SOFTWARE DESIGNATOR OR LOT OR LOT DOCUMENTATION IDENTIFICATION 10. ADD REMOVE REPLACE MODIFY 9. DOCUMENT 11. OLD DOCUMENT 12. NEW DOCUMENT 8. DOCUMENT TITLE B. REVISION IDENTIFIER B. REVISION IDENTIFIER A IDENTIFIER A. IDENTIFIER

Part B - Page 2 (Physical Item and Document Impact Matrix Supplement)

# 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 6. REQUIRED PERSON AND OFFICE COMPLETION REQUIRED TO VERIFY DATE COMPLETION 1. NWSTG Data Management: a. Add WMO headers, specified on Page 2 of Request for Change Form, to RTG Richard Robinson 22 May 2009 Notification to ISCS Program Manager (Bob Gillespie) and ISCS database for routing to ISCS sockets. Program Lead (Pat Gillis) b. Remove WMO headers specified on Page 2 of the Request for Change Form, Richard Robinson 22 May 2009 Notification to ISCS from TRG database. Program Manager (Bob Gillespie) and ISCS Program Lead (Pat Gillis)

	(Appendix (Specify)	*O [_]	satoM essaleS esswitto?	atold goitsogib	PA Daineering Ma
				<b>DOCUMENTS REQUIRED</b>	3. IMPLEMENTATION
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19. <u>- 19. 19. 19. 19. 19. 19. 19. 19. 19. 19.</u>					

Richard Robinson

Richard Robinson

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Program Manager (Bob Gillespie) and ISCS Program Lead (Pat Gillis)

Gillespie) and ISCS Program Lead (Pat Gillis)

7. DOCUMENT OR ACTION COMPLETION

Program Manager (Bob

Notification to ISCS

22 May 2009

22 May 2009

DATE COMPLETION

Part C - Page 1 (Change and Implementation Activities)

NWSRC Form 1001 (Rev C, 4/1/2005)

from TRG database.

1. NWSTG Data Management:

b. Remove WMO headers specified on Page 2 of the Request for Change Form,

a. Add WMO headers, specified on Page 2 of Request for Change Form, to RTG database for routing to ISCS sockets.