

# NWS REQUEST FOR CHANGE FORM

1. ISCS TRACKING NUMBER: ISCS-0023  
 1A. REV LEVEL: [Blank]  
 2. DATE RECEIVED: 06/29/2009

## 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/ASB	4. SUBMITTING AUTHORITY Name: Michael Graf Routing Code: W/OS23 Phone: 301-713-1726 x117	5. COGNIZANT TECHNICAL INDIVIDUAL Name: Richard Robinson Routing Code: W/CIO11 Phone: 301-713-0880 x179	6. ORIGINATOR TRACKING NUMBER N/A	7. DATE SUBMITTED 06/29/2009
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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  
 Harmonization of US OPMET data collectives in keeping with AFTN requirement products not exceed 1800 characters in length.

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  
 All ISCS sites.

14. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM  
 Current US OPMET (METAR/TAF) collectives are not AFTN compliant due to message size exceeding 1800 characters in length.

15. KNOWN OR PROPOSED SOLUTION  
 Implement software changes to ensure the METAR/TAF collectives meet the AFTN requirement of less than 1800 characters, and that METAR collectives are ICAO compliant.

16. ALTERNATE SOLUTIONS  
 None

17. REQUIRED CHANGE DATE 20 August 2009	18. RATIONALE FOR REQUIRED CHANGE DATE As stated by FAA, per ICAO Doc. 9766-AN1968	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. COB LEVEL DECISION	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED	SIGNATURE <i>John J. Collins Sr</i>
	<input type="checkbox"/> RECOMMEND APPROVAL	<input type="checkbox"/> REFERRED TO OSIP	DATE SIGNED 7-17-2009

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**

See information in block 8 on this page

**5. AWIPS DATA TYPE**

T4-Fax and PN

**6A. NOTIFICATION**
**6B. CHANGE NOTICE NUMBER**
**6C. ISSUE DATE**
**6D. TEST DATE**
**6E. IMPLEMENT DATE**

AWIPS

EMWIN

NWWWS

ISCS

12 August 2009

20 August 2009

**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**

7. NODE ID	8. AWIPS ID	9. WMO HEADER	10. ADD REV DEL	11. SEAS Y/N	12. CHAR PER MSG	13. FREQUENCY	14. NWSTG DISTR
	<b>Eastern-US</b>	FTUS71 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SAUS71 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SPUS71 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
	<b>Southern-US</b>	FTUS72 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SAUS72 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SPUS72 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
	<b>Central-US</b>	FTUS73 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SAUS73 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SPUS73 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
	<b>Western-US</b>	FTUS74 KWBC - (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SAUS74 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261
		SPUS74 KWBC (see attached list of products to be contained in collective)	Add*	N		As Req'd	Line 261



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**United States TAF and METAR Collectives  
Inclusive Aerodrome Bulletins Listing**

Eastern US	Southern US	Central US	Western US	Pacific US / Alaska
<b>FTUS71 KWBC SAUS71 KWBC SPUS71 KWBC</b>	<b>FTUS72 KWBC SAUS72 KWBC SPUS72 KWBC</b>	<b>FTUS73 KWBC SAUS73 KWBC SPUS73 KWBC</b>	<b>FTUS74 KWBC SAUS74 KWBC SPUS74 KWBC</b>	<b>FTUS75 KWBC SAUS75 KWBC SPUS75 KWBC</b>

KABE	KEWN	KPKB	KABI	KGWO	KSFB	KABR	KHIB	KRFD	KACV	KOTH	PABR	PAKT
KACK	KEWR	KPOU	KABQ	KHOT	KSHV	KALO	KHON	KRKS	KALW	KPAE	PABT	PASC
KACY	KFAY	KPQI	KABY	KHOU	KSJT	KAPN	KHUF	KRST	KBFI	KPDX	PACV	PASI
KAGC	KFLO	KPSM	KACT	KHRL	KSRQ	KASE	KHUT	KSAW	KBFL	KPHX	PADL	PATA
KAGS	KGFL	KPVD	KAEX	KHRO	KSSI	KATY	KICT	KSBN	KBIL	KPIH	PADU	PAUN
KALB	KGON	KPWM	KAFW	KHSV	KTCC	KAXN	KIND	KSDF	KBKE	KPMD	PAEN	PAVD
KAND	KGSO	KRDG	KAHN	KIAH	KTCL	KAZO	KINL	KSGF	KBLI	KPRB	PAGA	PHJH
KAOO	KGSP	KRDU	KALI	KINK	KTCS	KBFF	KJAC	KSLN	KBOI	KPRC	PAGK	PHMK
KART	KHKY	KRIC	KAMA	KJAN	KTLL	KBIS	KJLN	KSPI	KBTM	KPSP	PAGY	PMDY
KAVL	KHPN	KROA	KANB	KJAX	KTPA	KBJC	KJMS	KSTC	KBUR	KRBL	PAIL	
KAVP	KHTS	KROC	KAPF	KJBR	KTRI	KBRL	KJXN	KSTJ	KBUR	KRDD	PAKN	
KBAF	KHYA	KRWI	KATL	KLBB	KTUL	KBTL	KLAN	KSTL	KBZN	KRDM		
KBDL	KIAD	KSAV	KAUS	KLCH	KTUP	KCGI	KLAR	KSUS	KCDC	KRNO		
KBDR	KIAG	KSBY	KBFM	KLFT	KTXX	KCID	KLBF	KSUX	KCEC	KSAC		
KBFD	KILG	KSLK	KBHM	KLIT	KTYS	KCMI	KLEX	KTVC	KCLM	KSAN		
KBGM	KILM	KSWF	KBNA	KLRD	KTYS	KCMX	KLNK	KUIN	KCTB	KSBA		
KBGR	KINT	KSYP	KBPT	KLRU	KVCT	KCOS	KLOZ	KWRL	KEKO	KSBP		
KBKW	KIPT	KTEB	KBRO	KMAF	KVLD	KCOU	KLSE	KALN	KEUG	KSCK		
KBOS	KISP	KTOL	KBTR	KMCN	KVRB	KCPR	KMBS	KBDE	KFAT	KSEA		
KBTV	KJFK	KTTN	KCHA	KMCO	TIST	KCYS	KMCI	KBKF	KFLG	KSFF		
KBUF	KJST	KYNG	KCLL	KMEI	TISX	KDDC	KMDW	KCIU	KGCN	KSFO		
KBWI	KLBE	KZZV	KCNM	KMEM	TJBQ	KDEC	KMHK	KELO	KGEG	KSHR		
KCAE	KLCK	KAKR	KCRP	KMFE	TJMZ	KDEN	KMKC	KIKK	KGGW	KSJC		
KCAK	KLEB	KAPG	KCSG	KMGM	TJPS	KDET	KMKE	KIRK	KGTF	KSLC		
KCAR	KLGA	KBED	KCSV	KMIA	TJSJ	KDLH	KMKG	KLBL	KHLN	KSMF		
KCHO	KLUK	KBKL	KDAB	KMKL	TKPK	KDSM	KMLI	KLOU	KHQM	KSMX		
KCHS	KLYH	KBVY	KDAL	KMLB	TNCM	KDTW	KMOT	KOFF	KIDA	KSNA		
KCKB	KMDT	KCEF	KDFW	KMLC	KBQK	KEAU	KMSN	KSDM	KIWA	KSNS		
KCLE	KMFD	KEWB	KDHN	KMLU	KCEW	KEGE	KMSP	KSTP	KLAS	KTUS		
KCLT	KMGW	KFRG	KDMN	KMOB	KDLF	KEVV	KOMA	KYIP	KLAX	KTVL		
KCMH	KMHT	KFVE	KELP	KMSL	KESF	KFAR	KORD		KLGB	KTWF		
KCRW	KMIV	KHFD	KEYW	KMSY	KNEW	KFNT	KOSH		KLMT	KUKI		
KCVG	KMRB	KHVN	KFLL	KOKC	KNGP	KFSD	KOTM		KLVM	KYKM		
KDAN	KMSS	KLWM	KFSM	KPBI		KFWA	KOWB		KMFR	KYUM		
KDAY	KMTN	KMMU	KFTW	KPDK		KGCK	KPAH		KMLS	KCXL		
KDCA	KMYR	KNKT	KFTY	KPFN		KGFK	KPIA		KMRY	KMYV		
KDUJ	KORF	KOQU	KGGG	KPIE		KGJT	KGRT		KMSO	KNTD		
KECG	KORH	KPLB	KGLS	KPNS		KGRB	KPLN		KOAK	KRNT		
KEKN	KPHF	KSCH	KGNV	KROW		KGRI	KPTK		KOGD	KSBD		
KELM	KPHL	KUCA	KGPT	KRSW		KGRR	KPUB		KOLM	KTIW		
KERI	KPIT	KWRI	KGUP	KSAT		KGYY	KRAP		KONT			

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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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**1. NWSTG Data Management:**

a. Add WMO headers, specified on Page 2 of Request for Change Form, to RTG database for routing to ISCS sockets. Add the appropriate Regional OPNET Data Banks (RODB) and associated AFTN addresses (e.g., Bangkok VTBBZYX) on RC page 2 for each of the products.

Richard Robinson

20 Aug 2009

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