



Agenda Item 2: Implementation of the World Area Forecast System (WAFS)

b) Review of the status of implementation of the ISCS

HARMONIZATION OF THE ISCS BROADCAST WITH SADIS

(Presented by United States of America)

Summary

This paper presents the plan to harmonize ISCS to SADIS by the ISCS Provider State for endorsement by the subgroup.

1. Introduction

1.1 At the 3rd meeting of the WAFSOPSG, the group endorsed the *International Satellite Communications System (ISCS) User Guide* (WAFSOPSG Conclusion 3/8 refers) which has since then been included in the WAFSOPSG website. At that meeting, the ISCS Provider State indicated that Annexes 2 and 3 to the *ISCS User Guide* were still under development.

2. Discussion

2.1 Since that time, the subgroup will be pleased to note that Annexes 2 and 3 to the ISCS User Guide has now been completed. The National Weather Service (NWS) is in process of validating the information in Annexes 2 and 3 to bring them in line, where possible, with Annexes 2 and 3 to the *SADIS User Guide*. In Annexes 2 and 3 to the *ISCS User Guide* the international bulletins will in the future be provided in a form that matches the SADIS procedure.

2.2 In accordance with the NWS protocol an implementation notice is issued before introducing any changes to products or data that are provided via the National Weather Service Telecommunication Gateway (NWSTG) which is the source of data for the ISCS satellite broadcast. The subgroup will be pleased to learn that the ISCS user community will receive a notification from WAFC Washington (through the NWSTG) at least 120 days before the changes are implemented and information on the ISCS web page address where the changes to ISCS broadcast products is found.

2.3 It should be noted that users of the WAFC workstations will have to update the ingest database of allowable products in the workstations; otherwise the data will be discarded by the system.

The transition to harmonize the ISCS broadcast with SADIS will be a turn-key action. Furthermore, the existing service vendor support for maintenance for the WAFS workstations should enable vendors to provide the necessary support to update the ingest database management program.

2.4 With the exception of U.S. bulletins, the majority of ISCS and SADIS OPMET information is to be harmonized in September 2008. To achieve this, the subgroup may wish to formulate the following conclusion:

The NWS will provide data management notices over their circuits on the planned cut over date and scope of the product changes. An example of a DM is provided in **Attachment 'A'**. The NWS change documents are also posted for information on the ISCS Web Page at the following URLs:

- http://www.weather.gov/iscs/RC/Harmniz_AsiaPac.pdf
- http://www.weather.gov/iscs/RC/Harmniz_EUR.pdf
- http://www.weather.gov/iscs/RC/Harmniz_AFI-1.pdf
- http://www.weather.gov/iscs/RC/Harmniz_MID.pdf
- http://www.weather.gov/iscs/RC/Harmniz_NAM.pdf
- http://www.weather.gov/iscs/RC/Harmniz_NAT.pdf
- http://www.weather.gov/iscs/RC/Harmniz_NAM_Drf.pdf
- http://www.weather.gov/iscs/RC/Harmniz_CARSAM.pdf

3. **Recommendation:**

3.1 In that WAFC, workstations will be required to be updated to accommodate the changes for the new OPMET data the following draft conclusion is proposed:

DRAFT
CONCLUSION 9/XX UPDATE TO WAFC WORKSTATIONS TO INGEST OPMET
DATA CHANGES

- a) The WAFC provider State will provide States and workstation vendors with information on the changes to the data products broadcast over the ISCS.
- b) That the States take the necessary action to update their workstations for the planned cut over planned in September 2008.
- c) That the States may choose to exercise the existing maintenance service contract for their WAFS workstations, which should provide the necessary support to update the ingest database management program.

4. **Action proposed**

4.1 The group is invited to note the information contained in this paper and view the specific data product changes to be made to the ISCS broadcast on the ISCS Web Page and endorse the recommended course of action.

Attachment A

NOXX10 KWBC 221925
DATA MGT MESSAGE 05-08.13

TO AWIPS/NOAAPORT USERS.. FAMILY OF SERVICES/FOS/SUBSCRIBERS...
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS... WAFS USERS...
GTS USERS... NWS FAX CHART USERS

FROM RTH WASHINGTON DATA MANAGEMENT

CHANGE NOTICE NO 0007
EFFECTIVE DATE AUGUST 31 2008

[0007] ON THE ABOVE EFFECTIVE DATE THE FOLLOWING COLLECTIVES
WILL BE ADDED TO THE ISCS DATASTREAM.

PATRICK GILLIS [301] 713-1743 EXTENSION 104 IS THE COGNIZANT
TECHNICAL INDIVIDUAL. ROBERT GILLESPIE [301] 713-9478
EXTENSION 140 IS THE DRG FOCAL POINT FOR THIS ITEM.

ISCS/WAFS BROADCAST WILL CONTAIN ONLY UNALTERED/UNEDITED
AVIATION WEATHER BULLETINS AS THEY WERE RECEIVED FROM THE
ORIGINATING ICAO AERODROME, AFTER 31 AUGUST 2008. THE EDITED
COLLECTIVES CONSTRUCTED FROM BULLETINS RECEIVED AT
WAFSC-WASHINGTON FROM INTERNATIONAL AERODROME SOURCES WILL
CONTINUE TO BE AVAILABLE ON BOTH THE GLOBAL TELECOMMUNICATION
SYSTEM (GTS) AND THE NWS PUBLIC FTP SERVER.

THE FOLLOWING PRODUCT(S) WILL BE DELETED FROM THE ISCS
DATASTREAM:

Note the listing of all the WMO headers that are being changed have not been reproduced in this example for the purpose of conserving space in reproduction of the paper.

- END -