

SADIS COST RECOVERY ADMINISTRATIVE GROUP

SEVENTEENTH MEETING

(Toulouse, France, 10th November 2016)

Agenda Item 5: Amendment to Annexes to the SADIS Agreement

PROPOSED AMENDMENT TO ANNEX I OF THE SADIS AGREEMENT

(presented by the United Kingdom)

REFERENCES

Report to the METP WG-MOG/3 meeting.

1. INTRODUCTION

1.1 Following the withdrawal of the SADIS 2G service on 31 July 2016, updates are considered to be necessary to Annex I of the SADIS Agreement. The opportunity has also been taken to apply additional editorials.

2. DISCUSSION

2.1 Annex I of the SADIS Agreement provides a summary of the main function of the SADIS Service. Existing references to SADIS 2G, Secure SADIS FTP and the relevant user guides become redundant or otherwise require updating.

2.2 In addition, references to the dissolution of the SADIS Operations Group (SADISOPSG) and replacement with the Meteorological Operations Working Group (WG-MOG) under the Meteorological Panel (METP), and other editorials are proposed.

2.3 The Appendix to this Working Paper proposes appropriate deletions and additions, using the standard convention.

3 ACTION

3.1 The Group is invited to review the proposed amendments to Annex I, SADIS inventory, to the SADIS Agreement.

APPENDIX: Proposed amendment to Annex I of the SADIS Agreement

Editorial note. — Changes proposed are highlighted in tracked-change mode as **deletions** or **additions**.

SADIS SERVICES

Note.— A glossary of abbreviations as used in this Annex is provided at the end of the Annex.

1. **Broadcast** Internet based (FTP) service

A summary of products available on **SADIS 2G**, ~~SADIS-FTP and Secure SADIS-FTP~~. Detailed descriptions are contained within the ~~specific~~ SADIS User Guides (Parts 1 and 2) ~~to each~~ of these services.

- a) distribution of WAFS upper-air forecasts in ~~GRIB1 and~~ GRIB2 codes form;
- b) distribution of WAFS SIGWX forecasts in BUFR code form;
- c) distribution of WAFS SIGWX forecasts in PNG chart form;
- d) distribution of OPMET information in alphanumeric format (METARs, TAFs, SIGMET, special AIREPs, volcanic ash and tropical cyclone advisories) from those regions whose OPMET information is needed to satisfy approved requirements in the regions served by SADIS;
- e) distribution of meteorological information in graphical format (e.g. Volcanic Ash Graphics).

2. Collection service

- a) collection of OPMET information by the SADIS Gateway from States in accordance with approved requirements stated by PIRGs and actioned by Meteorological Operations Working Group (WG-MOG), the Working Group tasked by the Meteorological Panel (METP) to oversee the operational provision of ~~SADIS~~**OPSG**;
- b) monitoring, validation and repair of data received at the SADIS Gateway to the required standards, for the provision of real-time scheduled reports and for off-line quality control analysis.

3. Back-up service

ISDN backup link between NWSTG and SADIS Gateway;

~~— ISDN backup link SADIS Gateway and SADIS 2G Uplink facility at Whitehill (UK).~~

4. User support service

- a) 24-hour help line/faults desk;
- b) dissemination of administrative messages, including amendments to bulletin headers given in the SADIS User Guide (Parts 1 and 2).

5. File transfer protocol service

Provision of facilities dedicated to establishing and receiving an FTP connection, using password protected access, to the SADIS FTP server that enables the transfer of WAFS upper-air forecasts in GRIB code, WAFS SIGWX forecasts in BUFR code, WAFS SIGWX forecasts in PNG chart form and OPMET data over the Public Internet. The FTP service implements Digital Signatures and Digital Certificates to confirm data integrity and authenticity of the data.

Glossary of abbreviations

<i>AIREP</i>	Air report
<i>BUFR</i>	Binary Universal Form for the Representation of meteorological data (code)
<i>FTP</i>	File Transfer Protocol (Internet based)
<i>GRIB1</i>	Gridded binary edition 1 (code)
<i>GRIB2</i>	Gridded binary edition 2 (code)
<i>ISDN</i>	Integrated Services Digital Network
<i>METAR</i>	Routine aviation weather report in code form
<i>METP</i>	Meteorological Panel
<i>NWSTG</i>	National Weather Service Telecommunications Gateway (Washington, USA)
<i>OPMET</i>	Operational meteorological (information or data)
<i>PIRG</i>	ICAO planning and implementation regional group
<i>PNG</i>	Portable Network Graphics (image format)
<i>SADIS</i>	Satellite Distribution for Information Relating to Air Navigation Secure Aviation Data Information Service
<i>SADIS FTP</i>	Internet based version provision of SADIS
<i>Secure SADIS FTP</i>	Internet based version of SADIS using Digital Signatures and Digital Certificates to confirm data integrity and authenticity of the data
<i>SADIS Gateway</i>	The United Kingdom message-handling system which receives data from the Aeronautical Fixed Service for transmission on SADIS
<i>SADISOPSG</i>	SADIS Operations Group. Tasked with the oversight of SADIS until its dissolution in 2015. Superseded by Meteorological Operations Working Group (WG-MOG) under the Meteorological Panel (METP). Reference retained for historical purposes.

<i>SIGMET</i>	Information of specified en-route weather phenomena which may affect the safety of aircraft operations
<i>SIGWX</i>	Significant weather
<i>TAF</i>	Aerodrome forecast in code form
<i>WAFS</i>	World area forecast system
<i>WG-MOG</i>	Meteorological Operations Working Group (under METP)

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