

SADIS COST RECOVERY & ADMINISTRATIVE GROUP (SCRAG)

TWENTIETH MEETING

(Gatwick, UK, 27th November 2019)

AMENDMENT TO ANNEX I OF THE SADIS AGREEMENT

(Presented by the United Kingdom)

Agenda Item 6: Amendment to Annexes to the SADIS Agreement

REFERENCES

METP-WG/MOG/6-Report, Action 6/5
METP-WG/MOG/4-Report
METP-WG/MOG10-Report

1. Introduction

1.1 This paper presents a draft amendment to Annex I, SADIS Inventory, to the SADIS Agreement as a result of recommendations of the METP-WG/MOG, at its Tenth Meeting (Toulouse, France, 4 to 5 April 2019).

2. Discussion

2.1 The METP-WG/MOG10 agreed that no changes to Annex I were required, and therefore the current version of Annex I is shown in Appendix A.

2.2 Subsequently to MOG the SADIS infrastructure received a significant update, and it has been moved from an on-premise system to one which uses Amazon Web Services (AWS) infrastructure. This change was made on 6 November 2019, and has a significant impact on Annex II. These changes, along with the proposed changes to Annex I that are included as Appendix B, will be taken to MOG in March 2020, after which a short extraordinary SCRAG meeting will be held in April 2020 to expedite publication of and updated Annex I and Annex II

3. Action by the group

3.1 Annex I of the SADIS Agreement is contained in Appendix A for information/reference purposes.

APPENDIX A – Update to SADIS Agreement Annex I as approved by METP-WG/MOG10.

ANNEX I

SADIS SERVICES

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

1. Internet based (FTP) service

A summary of products available on SADIS. Detailed descriptions are contained within the SADIS User Guide (Parts 1 and 2) of the service.

- a) distribution of WAFS upper-air forecasts in GRIB2 code 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 advisories, tropical cyclone advisories and space weather 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 Meteorology Panel (METP) to oversee the operational provision of SADIS;
- 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

The recognised back-up to failure if the SADIS FTP service is via the USA administered, WAFS Information File Service (WIFS). SADIS FTP users are encouraged to arrange back-up accounts with the WIFS provider via <https://aviationweather.gov/wifs/>.

Note 1: - Usage restrictions apply. Further information is provided in the SADIS User Guide Part 1 (Administrative)

Note 2: - It is the responsibility of the SADIS FTP user to arrange and test back-up accounts with WIFS.

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>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>	Meteorology 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>	Secure Aviation Data Information Service
<i>SADIS FTP</i>	Internet based provision of SADIS
<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 Meteorology 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)

APPENDIX B – Update to SADIS Agreement Annex II to be proposed at next by METP-WG MOG meeting in March 2020.

deletions are shown in ~~strikethrough~~, and additions are highlighted

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<i>WAFS</i>	World area forecast system
<i>WG-MOG</i>	Meteorological Operations Working Group (under METP) is tasked by the Meteorology Panel (METP) to oversee the operational provision of SADIS