

SADIS COST RECOVERY & ADMINISTRATIVE GROUP (SCRAG)

TWENTIETH MEETING

(Gatwick, UK, 27th November 2019)

Agenda Item 2: Consideration of issues relevant to the SCRAG's work addressed by the METP-WG-MOG

OUTCOMES FROM METP WG-MOG/10 MEETING RELATING TO SADIS

(Presented by the United Kingdom)

REFERENCES

Report to the METP WG-MOG/10 meeting, which is located here:
[https://www.icao.int/airnavigation/METP/TenthMeetingReports/Fo
rms/AllItems.aspx](https://www.icao.int/airnavigation/METP/TenthMeetingReports/Fo
rms/AllItems.aspx)

1. INTRODUCTION

- 1.1 The tenth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG-MOG/10 (SADIS/WIFS)), was held on the 4th and 5th April 2019, in Toulouse, France. This Working Paper appraises the meeting of outcomes relating to SADIS.
- 1.2 This paper includes an the letter from the Rapporteur of the WG-MOG to the Rapporteur of SCRAG that confirms the operational efficacy of SADIS.

2. DISCUSSION

- 2.1 The following actions and decisions relating to the SADIS Service were documented in the report of the METP WG-MOG/10:
- 2.2 The results of the ICAO hosted SADIS “State level” Operational Efficacy questionnaire for 2018 were presented, and it was noted that the web survey had improved participation dramatically compared to previous years. Respondents were generally satisfied with the SADIS service. The following were agreed:

Action agreed 10/1: Annual statement of operational efficacy of SADIS 2018/2019

That the Chair of the METP-WG/MOG be invited to inform the Chair of the SCRAG that the SADIS continued to meet the operational requirements during the period 2018/2019.

Status: Complete. This is included in Appendix A.

Decision 10/1: 2019 SADIS Efficacy Survey

That the web hosted SADIS Efficacy questionnaire, using the questions shown in Appendix C to this [the METP-WG/MOG/6] report, be used for the 2019 survey. The survey will:

- a) commence on 1 July 2019 and end on 31 December 2019; and
- b) contain one additional question to ascertain whether the respondent is a primary SADIS user, or uses SADIS for backup purposes only
- c) users will be notified of the survey via SADIS administrative messages, e-mail and ICAO State Letter.

Status: Survey is in progress. Notifications have been sent out.

- 2.3 Documentation relating to SADIS was reviewed and updated, and the following actions agreed:

Action agreed 10/2: SADIS Agreement Annex I and II 2019-2020

That, the Chair of the METP-WG/MOG be invited to forward the updated SADIS Agreement Annex I and II inventory given in the Appendix D to this [the METP-WG/MOG/6] report to the Chair of SCRAG.

Status: Complete. This is provided in WP15 and WP12 at SCRAG20.

Action agreed 10/3: Status of Implementation of SADIS

That the Secretariat upload the updated Status of Implementation of SADIS document as shown in Appendix E to this [the METP-WG/MOG/6] report onto the ICAO public website (replacing the previous copy).

Status: Complete.

- 2.4 The trial graphical low level area forecast survey participation was reviewed, with 11 States/ANSPs currently participating in the trial. It was decided that trial should be extended to increase participation further before evaluating the long term need for this data on SADIS.

Action agreed 10/4: Trial provision of Low-level area forecasts

That the trial provision of low-level area forecasts in graphical format on SADIS FTP be continued until 2024 unless an IWXXM equivalent is made available by WMO for Low-level area forecasts.

Status: continuing

- 2.5 The OPMET content of SADIS was reviewed, and compared against the data available on WIFS to identify discrepancies. A discussion was also held about the need for a definitive catalogue of OPMET information (regardless of AOP status). The following actions were agreed:

Action agreed 10/5: OPMET data Catalogue

That,

- a) Patrick and Matt W would provide a SN to METP/WG-MIE regarding the need for ICAO Regions to adopt standard procedures for notifying changes to the OPMET data catalogue;
- b) The SADIS Provider State and DMG develop a common catalogue including regional sections;
- c) Publish the OPMET data catalogue, as presented in Attachment C to SN/6, on the SADIS website; and,
- d) Report back to the next MOG Meeting with the 2020 update.

Status: a-c complete.

In addition, Action carried forward from METP/WG-MOG/6

Action 6/1 - Alignment of OPMET content from SADIS and WIFS

That, in coordination with the European OPMET Data Management Group, the SADIS and the WIFS provider states be invited to:

- a) continue efforts to align of the OPMET content of SADIS and WIFS for scheduled OPMET information (METAR and TAF) and non-scheduled OPMET information (such as AIRMET and Special AIREP);
- b) report on progress in respect of a) above to the next WG-MOG Meeting.

Status: in progress

- 2.6 New turbulence severity and icing severity data sets are being introduced to SADIS in November in November 2020, and along with the cumulonimbus extent/base/top field will be issued at 0.25 degree resolution. It is necessary for the file naming structure to be defined to accommodate this data, therefore the following was agreed:

Action agreed 10/6: SADIS gridded data file naming structure

That the METP-WG/MOG recommends the use of the naming convention, proposed in Appendix F to this report, for the WAFS gridded data sets published on SADIS FTP from November 2020 onwards.

Status: complete

- 2.7 SADIS user documentation was reviewed and updated. A new guide was produced to enable SADIS users to assess their own workstation/software more easily, which will help with reporting issues or non-compliances back to the workstation/software provider. The following was formulated:

Decision 10/2 — SADIS User Guide

That the proposed updates to the SADIS User Guide Part 1 and Part 2 be finalised and provided to ICAO for publication on the ICAO METP website.

Status: complete

Action agreed 10/7: SADIS Workstation User Evaluation Guide

That;

- a) the “SADIS Workstation User Evaluation Guide”, as contained in the appendix to SN11 is approved by the group; and
- b) be published in the “documentation” section of SADIS FTP, as well as on the ICAO METP MOG public website; and,
- c) users be informed of its publication via SADIS administrative message.

Status: complete

Action agreed 10/9 — Changes to DOC 8896 - Manual of Aeronautical Meteorological Practice in relation to SADIS

- a) the METP-WG/MOG endorse the proposed updates to Doc-8896 – Manual of Aeronautical Practice as shown in Appendix H to this report; and
- b) the Secretary be tasked to amend Doc-8896 accordingly.

Status: in progress. Changes will be incorporated into Doc 8896 update in 2020.

3. CONCLUSION

3.1 A number of important proposals were considered by the METP WG-MOG/10 meeting, and this Working Paper apprises the SCRAG of those recommendations.

4. ACTION

4.1 SCRAG/20 is requested to note the information contained in this Working Paper.

Appendix A

01 October 2019

To: Chair, SCRAG
From: Rapporteur, WG-MOG

Subject: Annual statement of operational efficacy of SADIS 2018/2019

I wish to inform you that the tenth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG-MOG/10, held 4 -5 April 2019, Toulouse, France), in Action 10/1, invited me to inform you that the operational efficacy of the SADIS had continued to be satisfactory, meeting all operational requirements since the METP WG-MOG/6, held 10-11 April 2018, Offenbach, Germany.

Colin Hord