

SADIS COST RECOVERY & ADMINISTRATIVE GROUP (SCRAG)

TWENTY-THIRD MEETING

(Virtual, 30 November 2022)

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

OUTCOMES FROM METP WG-MOG/18 MEETING RELATING TO SADIS

(Presented by the United Kingdom)

REFERENCES

Report to the METP WG-MOG/18 meeting, which is located here:
<https://www.icao.int/airnavigation/METP/Pages/default.aspx>

1. INTRODUCTION

- 1.1 The eighteenth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG-MOG/18 (SADIS/WIFS)), was held virtually on the 28 April 2022. This Working Paper apprises the meeting of outcomes relating to SADIS.
- 1.2 This paper includes a letter from the Rapporteur of the WG-MOG to the Rapporteur of SCRAG that confirms the operational efficacy of SADIS.
- 1.3 No significant changes have been made to SADIS in the past year, but work is currently underway to develop the next generation SADIS API which will introduce a SWIM compliant way of accessing the much larger WAFS gridded data and multi-timestep WAFS SIGWX forecasts that are being introduced with Amendment 81 to ICAO Annex 3.

2. DISCUSSION

2.1 The following actions and decisions relating to the SADIS Service were documented in the report of the METP WG-MOG/18:

2.2 SADIS user documentation was reviewed and updated. The following were formulated:

Action agreed 18/01 — Terms of Reference

That;

a) the METP-WG/MOG (SADIS/WIFS) meeting accepts the proposed updates to the Terms of Reference as shown in Appendix B [of the METP/WG-MOG18 report]; and

b) the ICAO Secretariat puts the finalised Terms of Reference document onto the ICAO secure website (replacing the previous copy).

Status: Complete

Decision 18/01 – SADIS Management Report

That the SADIS Management report meets the reporting requirement set forth in the Terms of Reference.

2.3 The results of the ICAO hosted SADIS “State level” Operational Efficacy questionnaire for 2022 were presented, with participation comparable to the previous year. Respondents were generally satisfied with the SADIS service. The following were agreed:

Action agreed 18/05¹: Annual statement of operational efficacy of SADIS 2021/2022

That the Rapporteur of the METP-WG/MOG be invited to inform the Secretary of the SCRAG (who will pass this on to the Chair of the SCRAG) that the SADIS continued to meet the operational requirements during the period 2021/2022.

Status: Complete. This is included in Appendix A.

Action agreed 18/02: 2022 SADIS Efficacy Survey

That the web hosted SADIS Efficacy questionnaire, using the questions shown in Appendix D [of the METP/WG-MOG19], be used for the 2022 survey;

a) the survey will commence on 1 July 2022 and end on 31 December 2022;

b) users will be notified of the survey via SADIS administrative messages and e-mail; and,

c) The Technical Officer for Meteorology in the ICAO Air Navigation Bureau will inform the ICAO regional meteorological officers of the survey and encourage them to issue state letters to encourage participation in the survey. The State Letter should include a copy of the questions shown in Appendix D [of the MOG18 report].

Status: The survey is in progress.

¹ Note: this was incorrectly labelled as Action 15/02 in the MOG18 report.

- 2.4 Documentation relating to SADIS was reviewed and updated. There was no need to make any adjustments to the SADIS Agreement Annex I and II. The following actions were agreed:

Action agreed 18/03: Status of Implementation of SADIS

That the ICAO Secretariat be invited to make available the updated Status of Implementation of SADIS document, as shown in Appendix E [of the METP/WG-MOG18 report], on the ICAO public website (replacing the previous copy) once it is finalised.

Status: Complete.

- 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 how the content of the SADIS OPMET catalogue had been expanded to cater for other data types beyond METAR and TAFs. The following actions were agreed:

Action agreed 18/04: SADIS OPMET Catalogue

That;

- a) the April 2022 update to the SADIS OPMET catalogue, once finalised is published on SADIS and <https://www.icao.int/airnavigation/METP/Pages/Public-Documents.aspx> (replacing the previous version).
- b) the catalogue is updated at least annually

Status: 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: ongoing

- 2.3 In addition to the topics described above, updates on plans for the next generation SADIS system were presented. The new system will be SWIM² compliant and will provide data via API³ for all WAFS data sets (gridded and SIGWX) as well as IWXXM format OPMET data.

² And will comply to the Eurocontrol Yellow Profile <https://www.eurocontrol.int/sites/default/files/2020-07/eurocontrol-swim-spec-tiyp-1-1.pdf>

³ <https://n.wikipedia.org/wiki/API>

3. CONCLUSION

- 3.1 A number of important proposals were considered by the METP WG-MOG/18 meeting, and this Working Paper appraises the SCRAG of those recommendations.

4. ACTION

- 4.1 SCRAG/23 is requested to note the information contained in this Working Paper.

Appendix A



Mon 31/10/2022 12:50

Dutton, Jonathan P <jonathan.dutton@metoffice.gov.uk>

Annual statement of operational efficacy of SADIS 2021/2022

To: Zorbas, Joanna

Cc: Shorey, Karen

You replied to this message on 04/11/2022 16:48.

To: Secretary of SCRAG
FAO: Chair of SCRAG
From: MOG Rapporteur

Dear Joanna,

Subject: Annual statement of operational efficacy of SADIS 2021/2022

I wish to inform you that the eighteenth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG-MOG/18) held 28 April 2022 via web conference), in Action 18/05, invited me to inform you that the operational efficacy of SADIS had continued to be satisfactory, meeting all operational requirements since the METP WG-MOG/15 Meeting (held 15 April 2021 via web conference).

Best regards,

Jonathan Dutton

Jonathan Dutton, Head of Customer Service Delivery (Weather Impacts & Advice)
Met Office, Fitzroy Road, Exeter. EX1 3PB.
Email: jonathan.dutton@metoffice.gov.uk; Mobile: +44 (0)7776 462469, Skype: +44 (0)330 135 1300

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