SADIS COST RECOVERY & ADMINISTRATIVE GROUP (SCRAG)

TWENTY-FIFTH MEETING

(Virtual, 3 December 2024)

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

OUTCOMES FROM METP WG-MOG/26 MEETING RELATING TO SADIS

(Presented by the United Kingdom)

REFERENCES
Report of the METP WG-MOG/26 meeting, which will be located here: https://portal.icao.int/METP/MOG/Pages/default.aspx (access only for authorised METP members and advisors)

1.   **INTRODUCTION**

1.1   The twenty sixth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG-MOG/26 (SADIS/WIFS)), was held in Exeter, United Kingdom on 6 and 7 June 2024. This Working Paper apprises the meeting of outcomes relating to SADIS.

1.2   This paper includes an e-mail 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 FTP in the past year. On 19 March 2024 two elements of the SADIS API became operational, with these elements providing OPMET and WAFS gridded data. The third element has been running in Beta mode since March 2024, and will become fully operational in February 2025.

1.4   The SADIS API is SWIM compliant are the new data sets will be detailed in ICAO Annex 3 – *Meteorological Service to International Air Navigation* with Amendment 82, and the new PANS-MET – *Procedures for Air Navigation Services - Meteorology* (Doc 10157) from 27 November 2025. Note: Originally the changes to Annex 3 and introduction of the new PANS-MET was supposed to take place in November 2024, but was delayed by the Air Navigation Commission.

2. DISCUSSION

2.1 The following actions and decisions relating to the SADIS Service were documented in the report of the METP WG-MOG/26:

2.2 The MOG terms of reference were reviewed and did not require an update. The following action was formulated:

> **Action 25/01 — Terms of Reference**
>
> That, the METP-WG/MOG (SADIS/WIFS) meeting accepts the Terms of Reference as shown in **Appendix B** to the WG-MOG/26 meeting report.
>
> *Status: Complete*

2.3 A SADIS Management, relating to the SADIS FTP, was presented to the meeting and the following decision reached:

> **Decision 26/01 – SADIS Management Report**
>
> That, the operations of the SADIS Provider State continues to meet the specification outlined in the Terms of Reference.

2.4 The results of the ICAO hosted SADIS "State level" Operational Efficacy questionnaire for 2023 were presented, with participation comparable to the previous year. Respondents were generally satisfied with the SADIS service. The following were agreed:

> **Conclusion 26/01 – Annual statement of operational efficacy of SADIS 2023/2024**
>
> That, the Rapporteur of the METP-WG/MOG meeting be invited to inform the Secretary of the SCRAG that SADIS continued to meet the operational requirements during the period 2023/2024.
>
> *Status: Complete. This is included in Appendix A.*

> **Action 26/02 – 2023 SADIS Efficacy Survey**
>
> That the 2023 Efficacy survey information included in Appendix D [to the MOG/26 SADIS report] be turned into a separate document that is published on the METP public webpages https://www.icao.int/airnavigation/METP/Pages/METP%20Public%20Documents.aspx.
>
> *Status: Awaiting ICAO to publish this document*

Action 26/03 – 2024 SADIS Efficacy Survey

That, the web hosted SADIS Efficacy questionnaire, using all of the questions shown in Appendix E to the WG-MOG/26 meeting report, is used for the 2024 survey:

a) the survey will commence on 1 July 2024 and end on 31 December 2024;

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

c) the Secretariat will inform the ICAO Regional Officers for Meteorology 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 E to the WG-MOG/26 meeting report.

Status: In progress

Action 26/04 – SADIS API Survey

That, the SADIS manager prepare and send out an informal survey regarding the SADIS API performance to the registered SADIS API users at the end of 2024 to seek information on how they are getting on using the service, and their plans to use it operationally instead of the SADIS FTP.

Status: This will take place in December 2024.

2.5   Documentation relating to SADIS was reviewed and updated. The following actions in relation to the Implementation of SADIS, SADIS Agreement Annexes, Job Card, SADIS management report, and SADIS User guide were agreed:

Action 26/05: 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 F to the WG-MOG/26 meeting report on the ICAO public website (replacing the previous copy) once it is finalised.

Status: Awaiting ICAO to publish this document

Action 26/06 – SADIS FTP download volume information

That, information on the volume of data downloaded from SADIS FTP per State be provided at the next meeting.

Status: Pending.

Action 26/07 — Job Card 8 update

That, the WG-MOG Rapporteur present the proposed updates to the Job Card MEP.008, as shown in Appendix G to the WG-MOG/26 meeting report, to METP/6 for consideration.

Status: Pending. Papers for the METP/6 meeting will be prepared in January 2025.

Action 26/08 — SADIS Agreement Annex I and II 2024
That, the Rapporteur of the METP-WG/MOG be invited to forward the updated SADIS Agreement Annex I and II as shown in Appendixes H and I to the WG-MOG/26 meeting report, to the Secretary of SCRAG.
Status: This information is presented in WP11 and WP13.

2.6 As two elements of the SADIS API has now become operational documentation in relation to the new API has been Developed:

Decision 26/09 — SADIS API User Guide
That, the copy of the SADIS API User Guide as shown in Attachment 1 to SN08 is published on the ICAO website by the ICAO Secretariat.
Status: Awaiting ICAO to publish this document

Action 26/10 – SADIS API workstation evaluation documents
That, the SADIS API software evaluation, and SADIS API workstation user evaluation documents as shown in Attachment 1 and 2 to SN09 are published by the ICAO Secretariat on https://www.icao.int/airnavigation/METP/MOGWIFSSADIS%20Reference%20Documents/Forms/AllItems.aspxwebsite.
Status: Awaiting ICAO to publish this document

2.7 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 26/11: SADIS OPMET Catalogue
That;   a) the issue 1 - 2024 update to the SADIS OPMET catalogue is published on SADIS FTP and https://www.icao.int/airnavigation/METP/Pages/Public-Documents.aspx (replacing the previous version).   b) the catalogue is updated at least annually.
Status: Awaiting ICAO to publish this document

Action 26/12: SADIS Gateway Operations Handbook
That, the ICAO Secretariat publishes the eighth edition of the SADIS Gateway Operations Handbook as shown in Attachment A to SN11 on https://www.icao.int/airnavigation/METP/MOGWIFSSADIS%20 [Reference%20Documents/Forms/AllItems.aspx](https://www.icao.int/airnavigation/METP/MOGWIFSSADIS%20Reference%20Documents/Forms/AllItems.aspx) and removes the seventh edition.
Status: Awaiting ICAO to publish this document

Action 26/13: Old SADIS Documents
That, the SADIS Inventory dating to 2020, and the SADIS long term plan that is published on [https://www.icao.int/airnavigation/METP/MOGWIFSSADIS%20Reference%20Documents/Forms/](https://www.icao.int/airnavigation/METP/MOGWIFSSADIS%20Reference%20Documents/Forms/AllItems.aspx) [AllItems.aspx](https://www.icao.int/airnavigation/METP/MOGWIFSSADIS%20Reference%20Documents/Forms/AllItems.aspx) is removed by the ICAO Secretariat.
Status: Complete.

2.3　　　　In addition to the topics described above, updates on the third (and final) element of the SADIS API to deliver new multi-timestep WAFS SIGWX forecasts were presented.

3.　　CONCLUSION

3.1　　A number of important proposals were considered by the METP WG-MOG/26 meeting, and this Working Paper apprises the SCRAG of those recommendations.

4.　　ACTION

4.1　　SCRAG/54 is requested to note the information contained in this Working Paper.

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Appendix A

Annual Statement of operational efficacy of SADIS 2023-2024

Mark Gibbs
To 🔴 Karen Shorey; ⚪ Zorbas, Joanna
Cc ⚪ James Shapland

☀ ☺ ↩ Reply ↩ Reply All → Forward [T] …
Tue 12/11/2024 17:31

🛡 Official

OFFICIAL

Hi Joanna,

I wish to inform you that the twenty-sixth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG/MOG26) held on 6-7 June 2024, in conclusion 26/01 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/22 meeting (held 4-5 May 2023).

Best regards

Mark

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Pronouns: He/him/his

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