

**SADIS COST RECOVERY ADMINISTRATIVE GROUP**

**EIGHTEENTH MEETING**

(Gatwick, 8 November 2017)

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

**SADIS OUTCOMES FROM METP WG-MOG/4 MEETING**

(presented by the United Kingdom)

**REFERENCES**

Report to the METP WG-MOG/4 meeting.

**1. INTRODUCTION**

1.1 The fourth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG-MOG/4), was held from 4-7 April 2017, at Exeter, UK. This Working Paper appraises the meeting of outcomes relating to SADIS.

1.2 This paper includes the following Attachment received from the Rapporteur of the WG-MOG:

**Attachment 1:** Annual statement of operational efficacy of SADIS 2016/2017

**2. DISCUSSION**

2.1 The following conclusions relating to the SADIS Service were documented in the report of the METP WG-MOG/4:

**AGENDA ITEM 3: MATTERS RELATED TO SADIS**

**3.1 Status of outstanding WG-MOG (SADIS) Actions**

#### **Action agreed 4/SADIS1 — Review the result of IATA SADIS/WIFS monitoring**

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

- a) Review the IATA monitoring results on SADIS/WIFS content in the appendix of SN13 and take into consideration while establishing the basic requirements from IATA for agreed exchanged non-AOP aerodromes OPMET;
- b) continue distribution of previously agreed non-AOP aerodromes METAR/TAF, and
- c) establish, with the support of ICAO, a process to maintain and update a list of OPMET required to, or agreed to, be exchanged.

#### **Action agreed 4/SADIS2 - Initiate discussions on the feasibility of establishing a MET table in the eANPs with ICAO.**

That, the Rapporteur of the METP-WG/MOG be invited to investigate (via ICAO) whether the eANP Project Team could establish a MET table detailing non-AOP aerodromes in the eANP that produce METAR.

#### **Action agreed 4/SADIS3 — Alignment of the OPMET content of SADIS and WIFS**

That, the SADIS provider state and the WIFS provider state in coordination with the European OPMET Data Management Group (DMG), be invited to

- a) continue efforts to align of the OPMET content of SADIS and WIFS for:
  1. *scheduled* OPMET information (METAR and TAF) with Annex I of the SADIS User Guide, *and*
  2. *non-scheduled* OPMET information (such as AIRMET, SIGMET, GAMET, Special AIREP etc.) to the extent practicable;
- b) consider how other non-scheduled OPMET, such as US AIRMET, can be added to the content of SADIS and WIFS in accordance with SADISOPSG/7 Conclusion 7/8<sup>1</sup>, and
- c) report on progress in respect of the above to the next MOG-SADIS meeting.

<sup>1</sup> *SADISOPSG/7 Report - Paragraph 1.10 and Conclusion 7/8 are reproduced here for convenience:*

*The Forty-third meeting of the European Air Navigation Planning Group (EANPG) had formulated Conclusion 43/25 calling for ICAO to consider, subject to bandwidth constraints,*

*the inclusion of AIRMETs and GAMETs in the dissemination of OPMET data via SADIS to satisfy the requirements of pre-flight planning and flight information service for low-level flight. When considering this issue, an assessment was presented to the group which showed that due to the limited number of AIRMETs and GAMETs currently issued by States, the bandwidth would not be an issue. However, some reservations were expressed; it was pointed out that the users would not be able to display the data unless their functionality software was upgraded. Furthermore, the group was cautioned about the risk of the future proliferation of requests for low-level products on the SADIS broadcasts. In this regard, it was emphasized that such a risk would be minimized if only products subject to a stated aeronautical requirement in ICAO Regional Plans would be considered appropriate for the inclusion on the SADIS broadcast. Under these circumstances, the group agreed that these products should be included on the SADIS broadcast and formulated the following conclusion:*

*Conclusion 7/8 — Inclusion of AIRMET and GAMET on the SADIS broadcast*

*That the SADIS provider State includes AIRMET messages and GAMET area forecasts on the SADIS broadcast.*

*Note. — Only AIRMET messages and GAMET forecasts from the Regions which have expressed an aeronautical requirement for these products in the ICAO ANPs would be included.*

## **3.2 Operation of SADIS for Cost Recovery purposes**

### **3.2.1 SADIS Management Report-2016-2017.**

#### **Action agreed 4/SADIS4 — Review of the SADIS approval and cost recovery process.**

An ad hoc group (SADIS Manager, Hans-Rudi Sonnabend, Graham Easthope, Patrick Simon and Greg Brock) from the Met Operations Group (SADIS work-stream) is created to:

- review the existing SADIS approval and cost recovery process and propose any changes to, for example, the SADIS Agreement, ensure that it remains fit for purpose in light of technological developments;
- consult with the MET Cost Recovery Guidance and Governance and

- consult with the SADIS Cost Recovery Administrative Group (SCRAG).

**Action agreed 4/SADIS5 — Annual statement of operational efficacy of SADIS 2016/2017**

That the Rapporteur 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 2016/2017.

**Recommendation 4/SADIS1 – Use of web survey tools for 2017/18 SADIS operational efficacy questionnaire**

That, the SADIS Provider State gives consideration to trialling the use of web survey tools for directly inviting users to respond to the survey on-line in order to evaluate any effect on the number of responses received.

**Action agreed 4/SADIS6 — 2017/2018 SADIS operational efficacy questionnaire**

That the questionnaire used in the 2017/2018 consultation with States on the operational efficacy of the SADIS will be as proposed in **Appendix B** of this Working Paper, suitably adjusted to reflect the period for which the questionnaire will apply.

**Action agreed 4/SADIS7 — SADIS Inventory 2017-2018**

That, the Rapporteur of the METP-WG/MOG be invited to forward the updated SADIS inventory (given in Appendix to SN/10) to the Chair of SCRAG.

**Decision 4/SADIS1 — Withdrawal of requirement for dedicated link between NWSTG and the SADIS Gateway.**

That there is no longer a requirement for a dedicated contingency connection (whether via ISDN or other protocol) between NWSTG and the SADIS Gateway Provider.

*Note 1:- SADIS FTP users should, in accordance with their own contingency planning, arrange backup accounts with WIFS as necessary.*

*Note 2:- It is the responsibility of the SADIS FTP user to arrange access to WIFS <https://aviationweather.gov/wifs/>. The SADIS Provider cannot make arrangements on behalf of the SADIS FTP user.*

*Note 3:- The SADIS Provider and SADIS Gateway Provider are invited to update the SADIS Inventory and the SADIS User Guide (Part 1 and Part 2) accordingly.*

#### **Action agreed 4/SADIS8: SADIS FTP Bandwidth**

That, the current Secure SADIS FTP bandwidth capacity (24Mbit/sec bursting 42Mbit/sec between SADIS Provider and its Internet Service Provider; with individual client connections limited to 2048Kbit/sec.) be increased up to 42Mbit/sec bursting 60Mbit/sec, and that the individual client limit remains at 2048kbit/sec.

*Note 1: The SADIS Provider is invited to implement the change effective 1200 UTC, 25 April 2017.*

*Note 2: The annual charge will increase from £10,500 to £18,500 as a result of the change.*

#### **Action Agreed 4/SADIS9 Trial of provision of low-level area forecasts in graphical format on SADIS FTP**

a) That, the SADIS Provider, in coordination with the SADIS Gateway Provider arrange to make available EUR and NAT States existing low-level area forecasts in graphical format via SADIS FTP on a trial basis, and

b) That, the Rapporteur of the METP-WG/MOG be invited to request that ICAO EUR Regional Office invite accredited States to arrange for their existing low-level area forecasts in graphical format to be made available via SADIS FTP in support of the trial.

*Note 1. — Only low-level area forecasts in graphical format from the Regions which have expressed an aeronautical requirement for these products in the ICAO Air Navigation Plans will be included.*

*Note 2. — It will be assumed that Regional Air Navigation Plans that currently enable distribution of AIRMET and GAMET via SADIS, should be interpreted as enabling distribution of low-level area forecasts in graphical format.*

*Note 3: - Originating States shall ensure that such data complies with the principles set out in Appendix B [to MOG/4, SN/08].*

*Note 4: - The trial, subject always to note 6 below, shall initially be planned to have an end date of 10 July 2018. Subject to note 5 below, the provision of the data shall either then be made fully operational or terminated.*

*Note 5: - A review of this trial will be presented by the SADIS Provider at the next appropriate METP WG-MOG (SADIS) meeting (anticipated May/June 2018).*

*Note 6: - During the trial period, the SADIS Provider shall have the right to terminate – without notice – provision of the data if, in the opinion of the SADIS Provider, it endangers the service as whole.*

### 3.2.5 Update of the SADIS User Guide

#### **Action Agreed 4/SADIS10 — Update to the Sixth Edition of the SADIS User Guide (Part 1 and Part 2)**

That, the update to the SADIS User Guide, as presented to the WG-MOG/4 meeting, be endorsed for formal publication.

#### **Action Agreed 4/SADIS11- Update to the SADIS Gateway Operations Handbook**

That, the SADIS Gateway Provider, in coordination with the SADIS Manager;

- a) publish and implement the proposed update to Edition 6 of the SADIS Gateway Operations Guide, and
- b) continue to review the guide on an annual basis and if required update and present for approval to the METP-WG/MOG.

### 3.4 Long term planning of SADIS

#### **Action agreed 4/SADIS12 — Job Card Review**

That an ad hoc group (Colin, Pat, Patrick, Nigel and Graham E.) from the Met Operations Group (SADIS work-stream) is created to:

- a) Carry out a review of MET Job Cards (Numbers 8, 10 and 3a), and
- b) Submit any proposed amendments for the next MOG meeting.

### **3. CONCLUSION**

3.1 A number of important proposals were considered by the METP WG-MOG/3 meeting, and this Working Paper appraises the SCRAG of those recommendations.

### **4. ACTION**

4.1 SCRAG/18 is requested to note the information contained in this Working Paper.

## **ATTACHMENT 1**

17 October 2017

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

**Subject: Annual statement of operational efficacy of SADIS 2016/2017**

I wish to inform you that fourth meeting of the Meteorological Operations Group to the Meteorological Panel (METP WG-MOG/4, held 4-7 April 2017, Exeter, UK), in Action 3/1, 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/3 Meeting (13-16 June 2016, Gatwick).

Colin Hord

**- END -**