



**WORKING PAPER**

**SATELLITE DISTRIBUTION SYSTEM OPERATIONS GROUP (SADISOPSG)**

**THIRTEENTH MEETING**

**Dakar, Senegal, 27 to 29 May 2008**

**Agenda Item 4: Operation of the SADIS**

**4.1: SADIS management report**

**SUMMARY OF THE SADIS MANAGEMENT REPORT**

(Presented by the SADIS Provider State)

**SUMMARY**

This paper presents the concise summary of the 2007-08 SADIS Management Report containing the key issues of the SADIS programme that have taken place during the past 12 months.

**1. INTRODUCTION**

1.1 In response to Conclusion 7/1 of the SADISOPSG, the SADIS Provider State is expected to provide the SADIS Management Report to the Secretary two months prior to the annual SADISOPSG meeting in view of its placement on the ICAO SADISOPSG website and to prepare, for the consideration of the annual SADISOPSG meeting, a concise summary of the complete management report highlighting the main issues and developments taken place during the past 12-month period.

1.2 A copy of the 2007-08 SADIS Management Report was provided to ICAO in early March 2008. A concise high-level summary of the main issues relating to the SADIS programme between April 2007 and March 2008 is listed below.

**2. CONCISE SUMMARY OF THE 2007-08 SADIS MANAGEMENT REPORT**

2.1 The number of operational SADIS systems has remained largely unchanged during the past 12 months, with in the order of 150 operators in over 90 States.

2.2 One user State who had their SADIS service suspended during the period of the last management report (due to non-payment of invoices), has had their SADIS services reinstated following settlement of debts.

2.3 There has been an increase in the number of SADIS service interruptions during the past 12 months – both planned and unplanned. These interruptions have impacted the timeliness, availability or utility of certain WAFS products. On all occasions it was not necessary to invoke backup by WAFC Washington. Remedial work completed on the Met Office firewall and message switching system has overcome the majority of the difficulties.

2.4 SADIS Operational Administrative Messages have been issued on a regular basis during the year. These messages have been made available for viewing on the SADIS satellite broadcasts (1G and 2G), the SADIS FTP service, and the Met Office SADIS web site. In addition to these means of communication, the Met Office has recently introduced a facility whereby SADIS administrative messages (NOUK10 EGRR) can be emailed to users.

2.5 There have been no international SADIS seminars held during the period of this management report. However, the Met Office has provided training to the WMO Aviation Seminar of the WMO Commission for Aeronautical Meteorology (CAeM), held in Nairobi in July 2007.

2.6 The Met Office has been re-evaluating its SADIS FTP enhancement proposals, in light of project difficulties during 2007. Further details will be provided to the SADISOPSG.13 meeting, including recommendations to move the project forward.

2.7 The SADIS Gateway Team at NATS has completed installation of an ISDN connection to the SADIS satellite uplink station at Whitehill, and continues with the procurement of an ISCS VSAT receiver system on NATS premises. Once operational, the ISCS feed will provide a fully resilient data backup service for SADIS in the event that the Met Office in Exeter experiences an outage. Further information will be provided at the SADISOPSG/13 Meeting.

2.8 The two WAFCs have continued to prove the resilience of their backup capability by performing routine backup tests. Details of these tests and future test dates, is available via the WAFSOPSG website.

2.9 The Met Office has been evaluating the operational capability of a NetSys SADIS Transcoder – an alternative to the SADIS 2G MegaPAC technology. Further information will be provided at the SADISOPSG/13 Meeting.

2.10 VADOS Systems, suppliers of the SADIS 2G VadEDGE technology, has introduced a number of service enhancements for new and existing SADIS 2G customers. Amongst the enhancements is a freely available “Configurator application” to support MegaPAC and VadEDGE routers. Detailed information was presented within IP/4 of the SADISOPSG/12 Meeting.

2.11 In line with Amendment 74 to ICAO Annex 3 (applicable 7 November 2007), WAFC London and WAFC Washington implemented a number of changes to WAFS provision, including: removal of non-CB cloud amount and type from SWM BUFR and PNG charts; removal of surface fronts and well-defined convergence zones from SWM and SWH BUFR and PNG charts; and elimination of the requirement for amendments to WAFS SIGWX.

2.12 In line with WAFSOPSG Conclusion 3/3, WAFC London and WAFC Washington updated on 7 November 2007 the depiction of features on WAFS SIGWX charts, including revision to the text within SIGWX legend boxes.

2.13 In line with WAFSOPSG Conclusion 3/14, on 6 February 2008 WAFC London and WAFC Washington advanced the lead time of issuance of WAFS SIGWX (in BUFR-code and PNG chart format) to meet the need of the long-haul community.

### 3. **ACTION BY THE SADISOPSG**

3.1 The SADISOPSG is invited to review the key highlights of the SADIS Management Report, related to the SADIS programme during 2007-08, contained in this working paper.

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