



International Civil Aviation Organization

**NINTH MEETING OF THE
METEOROLOGY SUB-GROUP (MET/SG/9)
OF THE AFI PLANNING AND
IMPLEMENTATION REGIONAL GROUP (APIRG)**

Dakar, Senegal, 21 to 23 October 2009

Agenda Item 3: WAFS in the AFI region

SADIS STRATEGIC ASSESSMENT TABLES 2009-2013

(Presented by SADIS Provider State)

Summary

Proposed Strategic Assessment Tables for the information of the AFI region to be uplinked via SADIS during the period 2009-2013 are provided in this paper for the group to review and amend as necessary.

1. INTRODUCTION

1.1 As a result of a draft conclusion formulated by the SADISOPSG/3 Meeting, the sub-groups of the PIRGs have a task to update the SADIS Strategic Assessment Tables annually and forward the updated tables to SADISOPSG (through its Strategic Assessment Team). This information is intended for the SADIS Provider State to form the basis for the future development of the SADIS.

1.2 The fourteenth meeting of the SADISOPSG, held in Bangkok from 15 to 17 July 2009, reviewed the Strategic Assessment Tables and formulated one conclusion – as presented in the discussion part of the paper.

1.3 The following Strategic Assessment Tables for the AFI region have been prepared by the SADIS Provider State on behalf of the SADISOPSG Strategic Assessment Team for the purposes of planning resources for the next 5 years (2009 to 2013 inclusive). The meeting is expected to review and update the tables as necessary.

2 DISCUSSION

2.1 SADISOPSG/14 noted that the figures for 2009 had been obtained from an analysis of the OPMET data promulgated to SADIS via the SADIS gateway. On completion of the review of the tables, the group requested the Secretariat to forward copies of the tables to the MET sub-groups of the PIRGs concerned in view of forming the basis for the next regional update of future SADIS requirements, and formulated the following conclusion:

SADISOPSG Conclusion 14/.. — SADIS Strategic Assessment Tables

That,

a) the SADIS Provider State take note of the completed SADIS Strategic Assessment Tables, provided in Appendix I to this report, to form the basis for the future development of the SADIS; and

b) the Secretariat forward the SADIS Strategic Assessment Tables to the MET sub-groups of the PIRGs concerned for update in respect of future requirements.

Note 1.— Any major changes to the SADIS will be subject to draft conclusions, to be formulated by the SADISOPSG, to be endorsed by the relevant PIRGs, and to be noted, as necessary, by the Commission or Council.

Note 2.— Completed SADIS Strategic Assessment Tables are provided by ICAO Regional Offices to the SADISOPSG following consideration at appropriate subgroup meetings of the PIRGs concerned.

2.2 It should be noted that draft figures for 2010-2013 would be prepared by the SADIS Provider State and presented for endorsement by the regional MET sub-group meetings during 2009 using the current figures (2009) as a base line. This would ensure that projected figures were consistent with the current OPMET data distributed on the SADIS.

2.3 The draft Strategic Assessment Tables, 2009-2013, for the AFI region are provided in Appendix A and B to this paper. After reviewing and updating the tables, as necessary, the meeting is expected to forward the tables to SADISOPSG by adopting the following Decision:

Decision 9/XX – SADIS Strategic Assessment Tables

That, the AFI SADIS Strategic Assessment Tables, as given in Appendix A and B to this report, be adopted and forwarded to the SADISOPSG for planning the future SADIS bandwidth requirements.

3 ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Review the SADIS Strategic Assessment Tables and update them, as necessary; and
- b) Agree on the draft decision proposed for the groups consideration.

APPENDIX A

**SADIS STRATEGIC ASSESSMENT TABLES:
CURRENT (2009) AND PROJECTED DATA VOLUMES 2010-2013**

SUMMARY

Note. – 1 octet = 1 byte = 1 character

Table 1. OPMET data volumes per day (in K bytes)

<i>Region</i>	<i>Current 2009</i>	<i>Projected 2010</i>	<i>Projected 2011</i>	<i>Projected 2012</i>	<i>Projected 2013</i>
AFI	877	888	911	934	957

Table 2. BUFR data volumes per day (in K bytes)

<i>Region</i>	<i>Current 2009</i>	<i>Projected 2010</i>	<i>Projected 2011</i>	<i>Projected 2012</i>	<i>Projected 2013</i>
AFI	0	200	200	200	200

Table 3. AIS data volumes per day (in K bytes)

<i>Region</i>	<i>Current 2009</i>	<i>Projected 2010</i>	<i>Projected 2011</i>	<i>Projected 2012</i>	<i>Projected 2013</i>
AFI	0	2	2	2	2

APPENDIX B

**SADIS STRATEGIC ASSESSMENT TABLES CURRENT (2009) AND
PROJECTED DATA VOLUMES 2010-2013**

Note. – 1 octet = 1 byte = 1 character.

Table 1. AFI— OPMET data volumes

<i>OPMET data</i>	<i>Current 2009</i>	<i>Projected 2010</i>	<i>Projected 2011</i>	<i>Projected 2012</i>	<i>Projected 2013</i>
ALPHANUMERIC DATA					
Number of FC bulletins issued per day	134	140	145	150	155
Number of FT bulletins issued per day	334	340	350	360	370
Number of SA bulletins issued per day	2127	2150	2200	2250	2300
Number of SP bulletins issued per day	43	45	50	55	60
Number of SIGMET bulletins issued per day	12	15	15	15	15
BINARY DATA					
Number of other bulletins issued per day	0	0	0	0	0
TOTALS					
Total number of OPMET bulletins per day	2660	2690	2760	2830	2900
Average size of OPMET bulletin (bytes)	330	330	330	330	330
Total estimated OPMET data volume per day (in K bytes)	877	888	911	934	957

Note.— No provision is being made for the distribution of BUFR-coded OPMET data. Capacity for this data may need to be included depending on the issuance of this data in the region.

Table 2. AFI — PNG data volumes

<i>Graphical information in the PNG chart form</i>	<i>Current 2009</i>	<i>Projected 2010</i>	<i>Projected 2011</i>	<i>Projected 2012</i>	<i>Projected 2013</i>
TOTALS					
Total number of PNG charts per day	0	2	2	2	2
Average size of charts (bytes)	100000	100000	100000	100000	100000
Total estimated volume of PNG charts per day (in K bytes)	0	200	200	200	200

Note. – Provision is made for the distribution of PNG-encoded VAG

Table 3. AFI — AIS data volumes

<i>AIS data</i>	<i>Current 2009</i>	<i>Projected 2010</i>	<i>Projected 2011</i>	<i>Projected 2012</i>	<i>Projected 2013</i>
ALPHANUMERIC AIS DATA (NOTAM related to volcanic ash, ASHTAM)					
Number of ASHTAM bulletins issued per day	0	2	2	2	2
Number of NOTAM bulletins issued per day	0	2	2	2	2
TOTALS					
Total number of AIS bulletins per day	0	4	4	4	4
Average size of AIS bulletin (byte)	600	600	600	600	600
Total estimated volume of AIS data per day (in K bytes)	0	2	2	2	2

Note.— Provision is made for the distribution of ASHTAM and NOTAM related to volcanic ash.

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