



**International Civil Aviation Organization**

**NINTH MEETING OF THE  
COMMUNICATIONS/NAVIGATION/SURVEILLANCE AND  
METEOROLOGY SUB-GROUP OF APANPIRG  
(CNS/MET SG/9)**

Bangkok, Thailand, 11–15 July 2005

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**Agenda Item 8:           Implementation of WAFS**  
**1)           Review implementation of ISCS and SADIS**

**SADIS STRATEGIC ASSESSMENT TABLES 2006 – 2009**

(Presented by Secretariat)

**SUMMARY**

Proposed Strategic Assessment Tables for the information from ASIA/PAC region to be uplinked via SADIS during the period 2006-2009 are provided in this paper for the CNS/MET meeting 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 each SADISOPSG meeting (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 tenth meeting of the SADISOPSG/10, held in Paris from 24 to 27 May 2005, reviewed the Strategic Assessment tables and formulated a conclusion for forwarding the tables to the PIRGs concerned for update.

1.3           Consequently, the tables have been updated based on the information provided by the SADIS Provider State, which reflects the current volumes at the SADIS Gateway and the projected changes in the following years. The tables are presented in this paper for consideration by CNS/MET SG/9 meeting.

**2.       DISCUSSION**

2.1           SADISOPSG Conclusion 10/14 reads as follows:

**“Conclusion 10/14 — SADIS strategic assessment tables**

That,

.....

b) the Secretariat forward the SADIS strategic assessment tables to the APANPIRG, EANPG and MIDANPIRG for update in respect of future requirements.

*Note.— Completed SADIS strategic assessment tables are provided by ICAO regional offices to the SADISOPSG following consideration by the appropriate sub-group meetings of the PIRGs concerned.”*

2.2 The draft Strategic Assessment Tables, 2006 – 2009, for ASIA/PAC region are provided in the Attachment. The tables differ from the ones included in the SADISOPSG/10 report since they have been amended after the meeting in order to better reflect the current volumes of information. After reviewing and updating the tables, as necessary, the meeting is expected advise to forward the tables to SADISOPSG by adopting the following Decision:

**Decision 9/xx - SADIS Strategic Assessment Tables**

That, the ASIA/PAC SADIS strategic assessment tables, as given in Appendix xx to the 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 proposed Decision in para. 2.2 above.

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**ASIA— OPMET data volumes**

<i>OPMET data</i>	<i>Current 2005</i>	<i>Projected 2006</i>	<i>Projected 2007</i>	<i>Projected 2008</i>	<i>Projected 2009</i>
<b>ALPHANUMERIC DATA</b>					
Number of <b>FC bulletins</b> issued per day	86	90	95	100	115
Average number of stations per FC bulletin	3	3	3	3	3
Number of <b>FT bulletins</b> issued per day	242	245	250	255	260
Average number of stations per FT bulletin	5	5	5	5	5
Number of <b>SA bulletins</b> issued per day	938	945	950	955	960
Average number of stations per SA bulletin	5	5	5	5	5
Number of <b>SP bulletins</b> issued per day	20	20	25	25	30
Number of <b>SIGMET</b> bulletins issued per day	9	10	10	10	10
Number of <b>FK/FV bulletins</b> issued per day	0	1	1	1	1
<b>BINARY DATA</b>					
Number of other bulletins issued per day	0	0	0	0	-
(please specify header(s))					
Average number of stations per bulletin	-	-	-	-	-
<b>TOTALS</b>					
Total number of OPMET bulletins per day	1295	1311	1331	1341	1366
Average size of OPMET bulletin (bytes)	434	434	434	434	434
Total estimated OPMET data volume per day (bytes)	562K	569K	578K	582K	593K

*Note: These tables do not contain any provision for distribution of BUFR encoded OPMET data. Capacity for this data may need to be included depending on the time table that will be agreed within the region for production and promulgation of this new data.*

**ASIA — BUFR data volumes**

<i>Graphical information in the BUFR code form</i>	<i>Current 2005</i>	<i>Projected 2006</i>	<i>Projected 2007</i>	<i>Projected 2008</i>	<i>Projected 2009</i>
<b>WMO Header</b>			<b>Not available</b>		
Time(s) of issue of data (UTC)			Misc.	Misc.	Misc.
Average size of message (bytes)			20K	20K	20K
Data level			Misc.	Misc.	Misc.
Validity times of data (in hours after the time of issuance)			6, 12, 18	6, 12, 18	6, 12, 18
<b>TOTALS</b>					
Total number of BUFR messages per day	0	0	2	2	2
Average size of messages (bytes)	-	-	20K	20K	20K
Total estimated volume of BUFR messages per day (bytes)	0K	0K	40K	40K	40K

*Note.— Provision is made for the distribution of BUFR encoded VAGs starting from the year 2007.*

**ASIA — AIS data volumes**

<i>AIS</i>	<i>Current 2005</i>	<i>Projected 2006</i>	<i>Projected 2007</i>	<i>Projected 2008</i>	<i>Projected 2009</i>
<b>ALPHANUMERIC AIS DATA</b> (e.g. NOTAMs, ASHTAMs)		<b>ASHTAMs and NOTAMs related to volcanic ash</b>			
Bulletin type		ASHTAM	ASHTAM	ASHTAM	ASHTAM
Number of bulletins issued per day		2	2	2	2
Average size of each bulletin (bytes)		5K	5K	5K	5K
Bulletin type		NOTAM	NOTAM	NOTAM	NOTAM
Number of bulletins issued per day		2	2	2	2
Average size of each bulletin (bytes)		5K	5K	5K	5K
<b>CHART AIS DATA</b> (e.g. AIP CHARTS)					
Header number/Chart type (e.g. AIP)					
Time(s) of issue of chart (UTC)					
Average size of chart (bytes)					
Validity time of chart VT(UTC)					
Header number/Chart type (e.g. AIP)					
Time(s) of issue of chart (UTC)					
Average size of chart (bytes)					
Validity time of chart VT(UTC)					
<b>TOTALS</b>					
Total number of AIS bulletins per day	0	4	4	4	4
Average size of AIS bulletin (byte)	-	5K	5K	5K	5K
Total number of AIS charts issued per day	0	0	0	0	0
Average size of AIS chart (byte)	-	-	-	-	-
Total estimated volume of AIS data per day (bytes)	0K	20K	20K	20K	20K

*Note.— Provision is made for the distribution of ASHTAMs and NOTAMs related to volcanic ash starting from the year 2006.*