



Sixth Meeting of CNS/MET Sub-Group of APANPIRG

Bangkok, Thailand, 15 – 19 July 2002

Agenda Item 10a): Review implementation of the ISCS and SADIS

STRATEGIC ASSESSMENT TABLES

(Presented by the United Kingdom)

SUMMARY

The Strategic Assessment Team invites the group to consider whether any changes need to be made to the 2002-2006 Strategic Assessment Tables for the ASIA/PAC region that are proposed in this paper.

1. **Introduction**

1.1 The SADISOPSG/3 Draft Decision on Strategic Assessment Planning identified:

That, the appropriate sub-groups of the APANPIRG, APIRG, EANPG, and MIDANPIRG maintain the Strategic Assessment Tables on an Annual basis and forward them to the SADISOPSG in time for each SADISOPSG meeting.

The Strategic Assessment Report presented to the SADISOPSG/3 identified the annual actions to be undertaken:

Each ICAO region to identify their 5-year estimates of projected volumes of data and products to be provided to Europe for the SADIS gateway.

W AFC London agreed to undertake to collate reports from the ICAO regions and generate updated Tables of projected impacts on the SADIS.

1.2 The following Strategic Assessment Tables for the ASIA/PAC region have been collated by the SADIS Provider State on behalf of the SADISOPSG Strategic Assessment Team for the purposes of planning resources for the next 5 years (2002 to 2006 inclusive) – and as a first-guess for the group to consider and amend as required.

2. **Discussion**

A summary of the Strategic Assessment Tables, for ICAO region ASIA/PAC are identified in TABLE A. The meeting is asked to note the significant increase (49%) in OPMET Data volumes since 2001.

TABLE A**OPMET (Kbytes)**

<i>OPMET</i>	2002	2003	2004	2005	2006
ASIA	727	849	856	872	872

T 4 (Kbytes)

<i>T4</i>	2002	2003	2004	2005	2006
ASIA					

BUFR(Kbytes)

<i>BUFR</i>	2002	2003	2004	2005	2006
ASIA			180	180	180

AIS(Kbytes)

<i>AIS</i>	2002	2003	2004	2005	2006
ASIA					

3. **Actions**

The group is invited to review the Strategic Assessment Tables for the ASIA/PAC region, and to advise the SADIS provider as to whether any changes to the figures are required.

**SADIS STRATEGIC ASSESSMENT TABLES
CURRENT AND PROJECTED OPMET DATA VOLUMES 2002-2006**

TABLE 1

ICAO REGION: ASIA

MAIN ROUTING(S): AFTN, Direct Line (GTS)

(E.G CAPSIN AND AFTN/GTS)

	Current 2002	Projected 2003	Projected 2004	Projected 2005	Projected 2006
ALPHANUMERIC OPMET DATA					
Number of FC bulletins issued per day	298	300	300	310	310
Average number of stations per FC bulletin	6	6	6	6	6
Number of FT bulletins issued per day **	372	375	375	380	380
Average number of stations per FT bulletin	6	6	6	6	6
Number of SA bulletins issued per day	1643	1650	1670	1700	1700
Average number of stations per SA bulletin	6	6	6	6	6
Number of SP bulletins issued per day	0	50	50	50	50
Number of SIGMET bulletins issued per day (WS<WV and WC) for relevant FIRS	16	50	50	50	50
OTHER OPMET DATA					
Number of other bulletins issued per day (please specify header(s))	-	-	-	-	-
Average number of stations per bulletin	-	-	-	-	-
<i>TOTALS</i>					
Total number of OPMET bulletins per day	2329	2425	2445	2490	2490
Average size of OPMET bulletin (bytes)	312	350	350	350	350
TOTAL ESTIMATED OPMET DATA VOLUME PER DAY (BYTES)	727K	849K	856K	872K	872K

CURRENT AND PROJECTED T4 FACSIMILE CHART VOLUMES 2002-2006

TABLE 2

ICAO REGION: ASIA
MAIN ROUTING(S):GTS

(E.G CAPSIN AND AFTN/GTS)

T4 FACSIMILE CHART INVENTORY	Current 2002	Projected 2003	Projected 2004	Projected 2005	Projected 2006
Head number/Chart name					
Time of issue of chart (UTC)	No Requirement	No Requirement	No Requirement	No Requirement	No Requirement
Average size of chart (bytes)					
Chart type (e.g. wind/temp/SIGWX)					
Chart level (FL range or medium/high level)					
Validity time of chart VT (UTC)					
<i>High number/Chart name</i>					
Time of issue of chart (UTC)					
Average size of chart (bytes)					
Chart ape (e.g. wind/temp/SIGWX)					
Chart level (FL range or medium/high level)					
Validity time of chart VT (UTC)					
TOTALS					
Total number of T4 charts issued per day					
Average size of each chart (bytes)					
TOTAL ESTIMATED T4 CHART DATA VOLUME PER DAY (BYTES)					

(Levels: medium FL 100-250, high>FL250)

(*1 octet = 8 byte = 1 character)

CURRENT AND PROJECTED BUFR DATA VOLUMES 2002 -2006
TABLE 3

ICAO REGION: ASIA

MAIN ROUTING(S):GTS

(E.G CAPSIN AND AFTN/GTS)

BUFR SIGWX MESSAGES	Current 2002	Projected 2003	Projected 2004	Projected 2005	Projected 2006
<i>WMO Header</i>					
Time(s) of issue of data (UTC)	No Requirement	No Requirement	0700, 1300, 1900, 0100	0700, 1300, 1900, 0100	0700, 1300, 1900, 0100
Average size of message (bytes)			15K	15K	15K
Data level (e.g. FL range or low/medium/high level)			SWL/SWM*	SWL/SWM*	SWL/SWM*
Validity time(s) of data VT (UTC)			1200, 1800, 0000, 0600	1200, 1800, 0000, 0600	1200, 1800, 0000, 0600
<i>WMO Header</i>					
Time(s) of issue of data (UTC)			0700, 1300, 1900, 0100	0700, 1300, 1900, 0100	0700, 1300, 1900, 0100
Average size of message (bytes)			15K	15K	15K
Data level (e.g. FL range or low/medium/high level)			SWL/SWM*	SWL/SWM*	SWL/SWM*
Validity time(s) of data VT (UTC)			1200, 1800, 0000, 0600	1200, 1800, 0000, 0600	1200, 1800, 0000, 0600
<i>WMO Header</i>					
Time(s) of issue of data (UTC)			0700, 1300, 1900, 0100	0700, 1300, 1900, 0100	0700, 1300, 1900, 0100
Average size of message (bytes)			15K	15K	15K
Data level (e.g. FL range or low/medium/high level)			SWL/SWM*	SWL/SWM*	SWL/SWM*
Validity time(s) of data VT (UTC)			1200,1800,0000, 0600	1200,1800,0000, 0600	1200,1800,0000, 0600
TOTALS					
Total number of BUFR messages per day			12	12	12
Average size of messages (bytes*)			15K	15K	15K
TOTAL ESTIMATED VOLUME OF BUFR MESSAGES PER DAY (BYTES)			180K	180K	180K

(*1 octet = 8 byte = 1 character) (low level <FL 100, medium level: FL100 – 250, high level. FL 250)

CURRENT AND PROJECTED AIS DATA VOLUMES 2002 – 2006(Subject to statement of an operational requirement)**ICAO REGION: ASIA****TABLE 4****MAIN ROUTING(S): AFTN****(E.G CAPSIN AND AFTN/GTS)**

AIS (Subject to statement of an operational requirement)	Current 2002	Projected 2003	Projected 2004	Projected 2005	Projected 2006
ALPHANUMERIC AIS DATA (e.g. NOTAMs)					
Bulletin type:	No requirement	No requirement	No requirement	No requirement	No requirement
Number of bulletins issued per day					
Average size of each bulletin (byte*)					
Bulletin type:					
Number of bulletins issued per day					
Average size of each bulletin (byte*)					
CHART AIS DATA (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)					
TOTALS					
Total number of AIS bulletins per day					
Average size of AIS bulletin (bytes)					
Total number of AIS charts issued per day					
Average size of AIS chart (bytes)					
TOTAL ESTIMATED VOLUME OF AIS DATA PER DAY (bytes)					