

**FASID TABLE MET 7 - AUTHORIZED USERS OF THE (SADIS)
SATELLITE BROADCAST IN THE AFI REGION**

**TALBLEAU FASID MET 7 - USAGERS AUTORISES DE LA DIFFUSION
PAR SATELLITE DU SADIS DANS LA REGION**

EXPLANATION OF THE TABLE

Column

- 1 Name of the State or territory
- 2 User of the satellite broadcast. Abbreviations used:
 - CAA - civil aviation authority
 - NMS - national meteorological service
 - O - other than the civil aviation authority or the national meteorological service.
- 3 Location of VSAT: town and, where applicable, aerodrome to be indicated.
- 4 Indication whether the equipment is operational:
 - 2w - two way VSAT operational
 - 1w - one way VSAT operational
 - (blank) - no.

Editorial Note - The content of the FASID Table MET7 is to be kept up-to-date by the PIRGs and regional offices concerned.

EXPLICATION DU TABLEAU

Colonne

- 1 Nom de l'Etat ou territoire
- 2 Usager de la diffusion par satellite. Abréviations utilisées:
 - CAA - administration d'aviation civile
 - NMS - service météorologique national
 - O - autre service que l'autorité de l'aviation civile ou le service météorologique national
- 3 Emplacement du VSAT: ville et, s'il y a lieu, aérodrome à indiquer
- 4 Indication si l'équipement est opérationnel
 - 2w - VSAT bi-directionnel
 - 1w - VSAT uni-directionnel opérationnel
 - (en blanc) - non

Note: Le contenu du Tableau FASID MET7 est tenu à jour par les PIRGs et les Bureaux concernés.

TABLE MET 7/TABLEAU MET 7
IMPLEMENTATION OF THE SADIS IN THE AFI REGION/
MISE EN OEUVRE DU SADIS DANS LA RÉGON AFI

SATELLITE DISTRIBUTION SYSTEM/SYSTÈME DE DISTRIBUTION PAR SATELLITE			
<i>State/Etat</i>	<i>WAFS User/ Usager WAFS</i>	<i>Location of VSAT/ Emplacement du VSAT</i>	<i>Equipment operational/ Equipement Opérationnel</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
<i>Algeria</i>	<i>NMS</i>	<i>Dar-El-Beida</i>	<i>1W</i>
<i>Benin</i>	<i>NMS</i>	<i>Cotonou/Aéroport Cajehoun</i>	<i>1W</i>
<i>Botswana</i>	<i>NMS</i>	<i>Gaborone/S.S. Khama Airport</i>	<i>1W</i>
<i>Burkina Faso</i>	<i>NMS</i>	<i>Ouagadougou/Aéroport</i>	<i>1W</i>
<i>Burundi</i>	<i>NMS</i>		
<i>Cameroon</i>	<i>NMS</i>	<i>Douala/Airport</i>	<i>1W</i>
<i>Chad</i>	<i>NMS</i>	<i>Ndjamena/Aéroport</i>	<i>1W</i>
<i>Congo</i>	<i>NMS</i>	<i>Brazzaville/Maya Maya Aéroport</i>	<i>1W</i>
<i>Congo (RD)</i>	<i>NMS</i>	<i>Kinshasa/Aéroport N'Jili</i>	<i>1W</i>
<i>Côte d'Ivoire</i>	<i>NMS</i>	<i>Abidjan/F.H. Boigny Aéroport</i>	<i>1W</i>
<i>Equatorial Guinea</i>	<i>NMS</i>	<i>Malabo/Aéroport</i>	<i>1W</i>
<i>Eritrea</i>	<i>NMS</i>		
<i>Ethiopia</i>	<i>NMS</i>	<i>Addis Ababa/Bole Intl.</i>	<i>1W</i>
<i>Ethiopia</i>	<i>CAA</i>	<i>Addis Ababa</i>	<i>1W</i>
<i>Gabon</i>	<i>NMS</i>	<i>Libreville/Aéroport MBa</i>	<i>1W</i>
<i>Gambia</i>	<i>NMS</i>	<i>Banjul/Yundum Intl.</i>	<i>1W</i>
<i>Ghana</i>	<i>NMS</i>		<i>1W</i>
<i>Guinea</i>	<i>NMS</i>	<i>Conakry/Aéroport Gbessia</i>	<i>1W</i>
<i>Kenya</i>	<i>NMS</i>	<i>Nairobi/Jomo Kenyatta Intl.</i>	<i>1W</i>

<i>Madagascar</i>	<i>NMS</i>	<i>Antananarivo/Aéroport IVATO</i>	<i>1W</i>
<i>Malawi</i>	<i>NMS</i>		
<i>Mali</i>	<i>NMS</i>		
<i>Mauritania</i>	<i>NMS</i>		
<i>Mauritius</i>	<i>NMS</i>	<i>Mauritius/Sirs. Rangoolam Intl.</i>	<i>1W</i>
<i>Mozambique</i>	<i>NMS</i>	<i>Maputo Airport</i>	<i>1W</i>
<i>Niger</i>	<i>NMS</i>	<i>Niamey/Aéroport Diori Hamani</i>	<i>1W</i>
<i>Niger</i>	<i>EAMAC</i>	<i>Niamey EAMAC</i>	<i>1W</i>
<i>Nigeria</i>	<i>NMS</i>	<i>Lagos Airport</i>	<i>1W</i>
<i>Rwanda</i>	<i>NMS</i>	<i>Kigali Airport</i>	<i>1W</i>
<i>Senegal</i>	<i>NMS</i> <i>NMS</i>	<i>Dakar -/Aéroport L.S. Senghor</i> <i>Dakar -/Aéroport L.S. Senghor</i>	<i>1W</i> <i>2W</i>
<i>Seychelles</i>	<i>NMS</i>	<i>Mahé/Seychelles Intl.</i>	<i>1W</i>
<i>Sierra Leone</i>	<i>NMS</i>		
<i>Somalia</i>	<i>NMS</i>		
<i>South Africa</i>	<i>NMS</i>	<i>Pretoria/NMS</i>	<i>2W</i>
<i>South Africa</i>	<i>NMS</i>	<i>Pretoria/NMS</i>	<i>1W</i>
<i>Swaziland</i>	<i>NMS</i>	<i>Mbabane/NMS</i>	<i>1W</i>
<i>Tanzania</i>	<i>NMS</i>	<i>Dar-Es-Salaam</i>	<i>1W</i>
<i>Togo</i>	<i>NMS</i>	<i>Lome/Tokoin</i>	<i>1W</i>
<i>Tunisia</i>	<i>NMS</i>		
<i>Uganda</i>	<i>NMS</i>	<i>Entebbe/Intl.</i>	<i>1W</i>
<i>Zambia</i>	<i>NMS</i>	<i>Lusaka/Intl.</i>	<i>1W</i>
<i>Zimbabwe</i>	<i>NMS</i>	<i>Harare Airport</i>	<i>1W</i>

NMS - National MET Services/ Service Météorologique National

**SADIS STRATEGIC ASSESSMENT TABLES
CURRENT AND PROJECTED DATA VOLUMES 2005-2008**

Note 1.— 1 octet = 1 byte = 1 character;

Note 2.— low level (SWL) <FL 100; medium level (SWM): FL100 – FL 250; high level (SWH): >FL 250.

Table 1. AFI— OPMET data volumes

Main routing(s): AFTN, direct line (GTS)

<i>OPMET data</i>	<i>Current 2004</i>	<i>Projected 2005</i>	<i>Projected 2006</i>	<i>Projected 2007</i>	<i>Projected 2008</i>
ALPHANUMERIC DATA					
Number of FC bulletins issued per day	109	100	100	100	
Average number of stations per FC bulletin	5	8	8	8	
Number of FT bulletins issued per day	229	500	500	500	
Average number of stations per FT bulletin	3	6	6	6	
Number of SA bulletins issued per day	1256	650	700	700	
Average number of stations per SA bulletin	4	15	15	15	
Number of SP bulletins issued per day	3	0	0	0	
Number of SIGMET bulletins issued per day	5	35	35	35	
Number of FK/FV bulletins issued per day	2				
BINARY DATA					
Number of other bulletins issued per day (please specify header(s))	0	0	0	0	
Average number of stations per bulletin	0	0	0	0	
TOTALS					
Total number of OPMET bulletins per day	1606	1285	1335	1335	
Average size of OPMET bulletin (bytes)	500	500	500	500	
TOTAL ESTIMATED OPMET data volume per day (bytes)	803K	642K	667K	667K	

Table 2. AFI — BUFR data volumes

Main routing(s): GTS

<i>BUFR SIGWX MESSAGES</i>	<i>Current 2004</i>	<i>Projected 2005</i>	<i>Projected 2006</i>	<i>Projected 2007</i>	<i>Projected 2008</i>
WMO Header	DAKAR	DAKAR	DAKAR	DAKAR	
Time(s) of issue of data (UTC)	—	—	0700,1300, 1900,0100	0700, 1300, 1900, 0100	
Average size of message (bytes)	—	—	15K	15K	
Data level (e.g. FL range or low (SWL)/medium level (SWM))	—	—	SWL/SWM	SWL/SWM	
Validity time(s) of data VT (UTC)	—	—	1200,1800, 0000,0600	1200, 1800, 0000, 0600	
PRETORIA		PRETORIA	PRETORIA	PRETORIA	
Time(s) of issue of data (UTC)	—	—	0700,1300, 1900,0100	0700, 1300, 1900, 0100	
Average size of message (bytes)	—	—	15K	15K	
Data level (e.g. FL range or low (SWL)/medium level (SWM))	—	—	SWL/SWM	SWL/SWM	
Validity time(s) of data VT (UTC)	—	—	1200,1800, 0000,0600	1200, 1800, 0000, 0600	
Total number of BUFR messages per day	0	0	8	8	
Average size of messages (bytes)	0	0	15K	15K	
Total estimated volume of BUFR messages per day (bytes)	0	0	120K	120K	

Note.— It is assumed that only 2 sites will have the capacity to send BUFR information to WAFC London.

Table 3. AFI — AIS data volumes

Main routing(s): **AFTN**

<i>AIS (Subject to statement of an operational requirement)</i>	<i>Current 2004</i>	<i>Projected 2005</i>	<i>Projected 2006</i>	<i>Projected 2007</i>	<i>Projected 2008</i>
ALPHANUMERIC AIS DATA (e.g. NOTAMs, ASHTAMs)					
Bulletin type	—	NOTAM	NOTAM	NOTAM	
Number of bulletins issued per day	0	300	300	300	
Average size of each bulletin (bytes)	0	400	400	400	
Bulletin type					
Number of bulletins issued per day					
Average size of each bulletin (bytes)					
CHART AIS DATA (e.g. AIP CHARTS)					
Header number/Chart type (e.g. AIP)	—	AIP	AIP	AIP	
Time(S) of issue of chart (UTC)	0	4	4	4	
Average size of chart (bytes)	0	100	100	100	
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 (byte)					
Total number of AIS charts issued per day					
Average size of AIS chart (byte)					
Total estimated volume of AIS data per day (bytes)	0K	520K	520K	520K	