

Table CNS 4B - ATS AUTOMATION SYSTEMS

APPENDIX B

*EXPLANATION OR THE TABLE**Column*

1	Name of country and location of radar head facility or FIR
2	Area of routing
3	Air Traffic Services Unit served by the ATS automation systems. The abbreviations for this column are: ACC-Area Control AACC-Area/Approach Control Centre APP-Approach Control EC-En route Centre FIS-Flight Information Service SMC-Surface Movement Control TCU-Terminal Control Unit TMA-Terminal Control Area TWR-Tower Control
4	Surveillance sensor linked to the ATS Automation Systems, 4-letter FIR Identifier, enclosed in brackets, shall be shown for sensors outside the FIR
5	RDPS - Radar Data Processing System
6	FDPS - Fight Data Processing System
7	MSAW - Minimum Safe Altitude Warning System
8	ADS - Automatic Dependent Surveillance
9	CPDLC - Controller-Pilot Data Link Communications
10	AIDC - ATS inter-facility Data Link Communications
11	PA/RDPS - Processing area of the radar Data Processing System in (nautical miles) ²
12	Npos - Number of ATS positions
13	Remarks

Note:

The following codes are used in columns 5 to 12:

I - Required and implemented.

X - Required but implementation status not determined

N - Required but not implemented

A - existing facility provided to supplement or substitute the requirement

F - Future Plan

The number of systems provided for each type of process and the year of commissioning and decommissioning:

< - Year: planned commissioning year to be used as appropriate in conjunction with "F" and "N"

> - Year: planned decommissioning year to be used as appropriate in conjunction with "A" and "I"

State/Location Etat/Emplacement	AR	ATS unit served Organe ATS desservi	Data Source Source de données	RDPS	FDPS	MSAW	ADS	CPDLC	AIDC	PA/RDPS (NM) ²	Npos	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10	11	12	13
ALGERIA Alger	AR4 AR7	Alger ACC		N	N	N	N	N	N			
ANGOLA Luanda	AR2 AR4 AR8	Luanda ACC		N	N	N	N	N	N			
BOTSWANA Gaborone	AR4 AR8	Gaborone ACC		A<- 2001	F<- 2001	A<- 2001	N	N	N			
CAPE VERDE Sal	AR1	Sal ACC			N		N	N	N			
CHAD/TCHAD N'Djamena	AR4 AR9	N'Djamena ACC		N	N	N	N<- 2002	N<- 2002	N			
CONGO Brazzaville	AR4 AR5	Brazzaville ACC		N	N	N	N	N	N			
CONGO (Dem. Rep. of) Kinshasa	AR4	Kinshasa ACC		N	N	N	N	N	N			
COTE D'IVOIRE Abidjan	AR5	Abidjan ACC		N	N	N	N	N	N			
EGYPT Cairo	AR3 AR7	Cairo ACC		I	I	N	I	I	N			

State/Location Etat/Emplacement	AR	ATS unit served Organe ATS desservi	Data Source Source de données	RDPS	FDPS	MSAW	ADS	CPDLC	AIDC	PA/RDPS (NM) ²	Npos	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10	11	12	13
ERITREA Asmara	AR3 AR9	Asmara ACC		N	N	N	N	N	N			
ETHIOPIA Addis Ababa	AR3	Addis Ababa ACC		N	I	N	F<- 2002	F<- 2002	N			
GHANA Accra	AR5	Accra ACC		I	I	I	N	N	N			
GUINEA/LIBERIA /SIERRA LEONE Robertsonfield	AR5	Robertsonfield ACC			N		N	N	N			
KENYA Mombasa	AR3	Mombasa APP	Mombasa	I	I	N					2	
Nairobi	AR3	Nairobi APP	JKIA									
		Nairobi ACC	Mua Hills Eldoret Poror Wajir Mombasa	I	I	N	N	N	N		4	
LIBYAN ARAB JAMAHIRIYA Tripoli	AR3 AR4 AR7	Tripoli ACC			N		N	N	N			
MADAGASCAR Antananarivo	AR3 AR1 0	Antananarivo ACC			I-2001		I-2001	I-2001	N			

State/Location Etat/Emplacement	AR	ATS unit served Organe ATS desservi	Data Source Source de données	RDPS	FDPS	MSAW	ADS	CPDLC	AIDC	PA/RDPS (NM) ²	Npos	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10	11	12	13
MALAWI Lilongwe	AR8	Lilongwe ACC					N	N	N			
MAURITIUS Mauritius	AR3 AR1 0	Mauritius ACC			N		N<- 2001	N<- 2001	N			
MOROCCO Casablanca Rabat	AR1 AR6 AR7	Mohamed V Radar Casablanca Radar	Casablanca Agadir Ifrane Safi	I I	I I	I I	N	N	N	11310 ² 375330 ²	1 5	
MOZAMBIQUE Beira	AR8	Beira ACC			N		N	N	N			
NAMIBIA Windhoek	AR4 AR8	Windhoek ACC			N		N	N	N			
NIGER Niamey	AR4 AR9				F<- 2004		F<- 2004	F<- 2004	N			
NIGERIA Kano Lagos	AR4 AR5 AR9	Kano ACC Lagos ACC		N N	N N	N N	N N	N N	N N			
SENEGAL Dakar	AR1 AR9	Dakar ACC			F<- 2002		F<- 2002	F<- 2002	N			
SEYCHELLES Seychelles	AR3 AR1 0	Seychelles ACC			N		N	N	N			

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1	2	3	4	5	6	7	8	9	10	11	12	13	
SOMALIA Mogadishu	AR3	Mogadishu ACC			N		N	N	N				
SOUTH AFRICA Cape Town Johannesburg	AR2 AR4 AR8 AR1 0	Cape Town ACC Johannesburg ACC		I I	I I	N N	N I	N I	N N				
SPAIN (CANARIAS) Gran Canaria Lanzarote Las Palmas La Palma Tenerife	AR1 AR6	Canarias ACC Canarias ACC (GCFV/GCRR APP) Canarias ACC (GC APP) Canarias ACC Canarias ACC Tenerife APP		I I I I I	I I I I I	N N I N I	I N N I N	I N N I N	N N N N N	200 220 150 170*	ACC-8		<i>*Between/Entre 005°-210°</i>
SUDAN Khartoum	AR3 AR9	Khartoum ACC		F<- 2001	F<- 2001	F<- 2001	N	N	N				
TUNISIA Tunis	AR4 AR7	Tunis ACC Tunis APP Monastir APP		I I	I I	I I	N N	N N	N N		4 3 3		
UGANDA Entebbe	AR3	Entebbe ACC			N		N	N	N				

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1	2	3	4	5	6	7	8	9	10	11	12	13
UNITED REP. OF TANZANIA Dar Es Salaam	AR3 AR8	Dar Es Salaam ACC			N		N	N	N			
ZAMBIA Lusaka	AR4 AR8	Lusaka ACC			N		N	N	N			
ZIMBABWE Harare	AR4 AR8	Harare ACC		N	N	N	N	N	N			
