



**INTERNATIONAL CIVIL AVIATION ORGANIZATION
EASTERN AND SOUTHERN AFRICAN REGION**

**THIRD MEETING OF THE APIRG COMMUNICATIONS,
NAVIGATION AND SURVEILLANCE SUB-GROUP (CNS/SG/3)**

(Nairobi, 26-30 April 2010)

Agenda Item 7 : AERONAUTICAL SURVEILLANCE

Review of the status of implementation of the current aeronautical surveillance plan.

(Presented by the Secretariat)

SUMMARY

This working paper reviews the status of the implementation of AFI surveillance Plan.

Action to be taken- paragraph 3.

AFI Air Navigation plan (Doc 7474).

AFI FASID PART IV.

Ref: APIRG /16 Report.

1. INTRODUCTION

1.1 The AFI aeronautical surveillance plan was adopted by the APIRG/13 meeting (Sal, 25-29 June 2001). It has been included in the AFI FASID, Part IV. Since June 2001, States have upgraded their surveillance systems which needed to be reflected at **Appendix A** to this working paper. APIRG/16 also set up AFI Surveillance Implementation Task Force to draw up a Surveillance Implementation Plan for AFI.

2 DISCUSSION

2.1 ATS Automation Plan is shown at **Appendix B** respectively. The Plan indicates planned implementation dates provided by States when they were first developed (2001). There is need to update the Plan. States like Seychelles and Mauritius have implemented ADS-C and these needed to be reflected in the Plan.

3. ACTION TO BE TAKEN BY THE MEETING

The meeting is invited to:

- (a) Note the attached Plans.
- (b) Update the attached appendices as required.
- (c) Be inserted in to the AFI FASID.

State/Location Etat/Emplacement	AR	ATS unit served/ Organe ATS desservi	PSR	Coverage/ Couverture of/du PSR (NM)	SSR (A/C/S)	Coverage/ Couverture of/du SSR (NM)	ADS- B*	ADS- C	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10
ALGERIA	AR4 AR7								
Alger		Alger ACC			F<- 2003			F<- 2003	MSSR planned/prévu
Annaba		Alger ACC			F<- 2003				
El Bayad		Alger ACC			F<- 2003				
El Oued		Alger ACC			F<- 2003				
Oran	Alger ACC				F<- 2003				
ANGOLA	AR2 AR4 AR8								
Luanda	Luanda ACC				F<- 2003			N	MSSR planned/prévu
BOTSWANA	AR4 AR8								
Gaborone	Gaborone ACC							N	
CAPE VERDE	AR1							F<-	

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1	2	3	4	5	6	7	8	9	10
Sal		Sal ACC						2004	
CHAD/TCHAD N=Djamena	AR4 AR9	N=Djamena ACC			N<- 2002			N<- 2002	
CONGO Brazzaville	AR4 AR5	Brazzaville ACC						F<- 2003	
CONGO (Dem. Rep. of) Kinshasa	AR4	Kinshasa ACC						N	
COTE D=IVOIRE Abidjan	AR5	Abidjan ACC						N	
EGYPT Cairo	AR3 AR7	Cairo ACC			MI(A/C)	250		I	

State/Location Etat/Emplacement	AR	ATS unit served/ Organe ATS desservi	PSR	Coverage/ Couverture of/du PSR (NM)	SSR (A/C/S)	Coverage/ Couverture of/du SSR (NM)	ADS- B*	ADS- C	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10
300715N 312354E	AR3								
300621N 312439E 300621N 312439E									
Hurghada 270319N 335025E		Cairo ACC			MI(A/C)	250			
Mersa Matruh 311810N 270831E		Cairo ACC			MI(A/C)	250			
Aswan 235830N 324636E		Cairo ACC			MI(A/C)	250			
Asyut 270332N 310108E		Cairo ACC			MI(A/C)	2550			
ERITREA Asmara	AR3 AR9	Asmara ACC						N	

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1	2	3	4	5	6	7	8	9	10
ETHIOPIA Addis Ababa	AR3	Addis Ababa ACC						F<- 2002	
GHANA Accra	AR5	Accra ACC			I(A/C)	250		N	
Tamale		Accra ACC			I(A/C)	250			
GUINEA/ LIBERIA/ SIERRA LEONE Robertsfield	AR5	Roberts FIC/ACC						N	
KENYA Nairobi	AR3	Nairobi ACC			I(A/C)	200		N	
LIBYAN ARAB JAMAHIRIYA Tripoli	AR3 AR4 AR7	Tripoli ACC						N	
MADAGASCA	AR3								

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1	2	3	4	5	6	7	8	9	10
R Antananarivo	AR10	Antananarivo ACC						I-- 2001	
MALAWI Lilongwe	AR8	 Lilongwe ACC						 N	
MAURITIUS Mauritius	AR3 AR10	 Mauritius ACC						 N<- 2001	
MOROCCO Casablanca 332124.12N 073642.99W Agadir 301908.96N 092440.75W Ifrane 333151.87N 050926.95W Safi 321904.94N 091444.078W	AR1 AR6 AR7	 Casablanca ACC			MI(A/C)	250		 N	
MOZAMBIQUE	AR8								

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1	2	3	4	5	6	7	8	9	10
Beira		Beira ACC						N	
NAMIBIA Windhoek	AR4 AR8	Windhoek ACC						N	
NIGER Niamey	AR4 AR9	Niamey ACC						F<- 2004	
NIGERIA Kano	AR4 AR9 AR5	Kano ACC			F(A/C)	250		F<- 2005	
Lagos		Lagos ACC			F<200 3	250		F<- 2005	
SENEGAL Dakar	AR1 AR9	Dakar ACC						F<- 2002	
SEYCHELLES Seychelles	AR3 AR10	Seychelles ACC						N	

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1	2	3	4	5	6	7	8	9	10
SOMALIA Mogadishu	AR3	Mogadishu FIC						N	
SOUTH AFRICA Cape Town Johannesburg	AR2 AR4 AR8 AR10	Cape Town ACC Johannesburg ACC Johannesburg Oceanic			I(A/C) I(A/C)			N I	
SPAIN (Canarias) Gran Canaria Lanzarote Las Palmas La Palma	AR1 AR6	Canarias ACC Canarias ACC Canarias ACC Canarias ACC			I(A/C) I(A/C) I(A/C) I(A/C)	200 220 150 170*		I N	5 radars on multi radar system *Between/Entre 005°-210°

State/Location Etat/Emplacement	AR	ATS unit served/ Organe ATS desservi	PSR	Coverage/ Couverture of/du PSR (NM)	SSR (A/C/S)	Coverage/ Couverture of/du SSR (NM)	ADS- B*	ADS- C	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10
Tenerife		Canarias ACC			I(A/C)	120		N	
SUDAN Khartoum	AR3 AR9	Khartoum ACC						N	
TUNISIA Tunis PSR: 365135.417N 0101428.9293E Sidi Zid: 362829.0381N 0101929.0568E	AR4 AR7	Tunis ACC			MI(A/C)	250		N	
Akouada 035 53 37N 010 33 46E		Tunis ACC			MI(A/C)	250			
UGANDA Entebbe	AR3	Entebbe ACC						N	
UNITED REP. OF TANZANIA Dar Es Salaam	AR3 AR8	Dar Es Salaam						N	

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1	2	3	4	5	6	7	8	9	10
		ACC							
ZAMBIA Lusaka	AR4 AR8	Lusaka ACC						N	
ZIMBABWE Harare	AR8	Harare ACC			I(A/C)			N	
