

## TABLE CNS II-6A –SURVEILLANCE SYSTEMS

## EXPLANATION OF THE TABLE

*Column*

- 1 Name of State/Territory and location of radar head facility or FIR
- 2 Area of routing
- 3 Air traffic services unit served by the facility or FIR
- 4 Primary surveillance radar
- 5 Coverage of primary surveillance radar in nautical miles
- 6 Secondary surveillance radar and modes, namely Modes A, C or S
- 7 Coverage of secondary surveillance radar in nautical miles
- 8 Automatic dependent surveillance broadcast (under development)
- 9 Automatic dependent surveillance contract
- 10 Remarks

*Note.— The following codes are used in columns 4, 6, 8, 9 and 10:*

I — Required and implemented

Column 6

I — Implementation using conventional SSR

MI — Implementation using monopulse SSR

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

<-Year — Planned commissioning year to be used as appropriate in conjunction with “F” and “N”

>-Year — Planned commissioning year to be used as appropriate in conjunction with “A” and “I”



State/Territory and Location État/Territoire et Emplacement Estado/Territorio y Ubicación	AR	ATS unit served Organisme ATS desservi Unidad ATS servida	PSR	Coverage Couverture Cobertura (NM)	SSR Modes Modos (A,C or/ou/o S)	Coverage Couverture Cobertura (NM)	ADS-B	ADS-C	Remarks Remarques Observaciones
1	2	3	4	5	6	7	8	9	10
<b>ALGERIA</b>	AR-4								
Alger	AR-7	Alger ACC			F<-2003			F<-2003	MSSR planned
Annaba		Alger ACC			F<-2003				
El Bayad		Alger ACC			F<-2003				
El Oued		Alger ACC			F<-2003				
Oran		Alger ACC			F<-2003				
<b>ANGOLA</b>	AR-2								
Luanda	AR-4	Luanda ACC			F<-2003			N	MSSR planned
	AR-8								
<b>BOTSWANA</b>	AR-4								
Gaborone	AR-8	Gaborone ACC						N I N	
<b>CANARY ISLANDS (Spain)</b>	AR-1								5 radars on multi-radar system
Gran Canaria	AR-6	Canarias ACC			I(A/C)	200			
Lanzarote		Canarias ACC			I(A/C)	220		N	
Las Palmas		Canarias ACC			I(A/C)	150			
La Palma		Canarias ACC			I(A/C)	170			
Tenerife		Canarias ACC			I(A/C)	120		F<-2004	Between 005/-210/
<b>CAPE VERDE</b>	AR-1								
Sal		Sal ACC						N<-2002	
<b>CHAD</b>	AR-4								
N'Djamena	AR-9	N'Djamena ACC			N<-2002			F<-2003	
<b>CONGO</b>	AR-4								
Brazzaville	AR-5	Brazzaville ACC						N	
<b>COTE D'IVOIRE</b>	AR-5								
Abidjan		Abidjan ACC						N I	
<b>DEMOCRATIC REP. OF THE CONGO</b>	AR-4								
Kinshasa		Kinshasa ACC							
<b>EGYPT</b>	AR-3								
Cairo	AR-7	Cairo ACC			MI(A/C)	250			
300715N 312354E									
300621N 312439E									
300621N 312439E									
Hurghada 270319N 335025E	AR-3	Cairo ACC			MI(A/C)	250		N	
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			
<b>ERITREA</b>	AR-3								
Asmara	AR-9	Asmara ACC							



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1	2	3	4	5	6	7	8	9	10
<b>ETHIOPIA</b> Addis Ababa	AR-3	Addis Ababa ACC							F<-2002
<b>GHANA</b> Accra Tamale	AR-5	Accra ACC Accra ACC			I(A/C) I(A/C)	250 250		N	
<b>GUINEA/ LIBERIA/ SIERRA LEONE</b> Robertsfield	AR-5	Roberts FIC/ACC						N	
<b>KENYA</b> Nairobi	AR-3	Nairobi ACC			I(A/C)	200		N	
<b>LIBYAN ARAB JAMAHIRIYA</b> Tripoli	AR-3 AR-4 AR-7	Tripoli ACC						N	
<b>MADAGASCAR</b> Antananarivo	AR-3 AR-10	Antananarivo ACC							I>-2001
<b>MALAWI</b> Lilongwe	AR-8	Lilongwe ACC						N	
<b>MAURITIUS</b> Mauritius	AR-3 AR-10	Mauritius ACC							
<b>MOROCCO</b> Casablanca 332124.12N 073642.99W Agadir 301908.96N 092440.75W Ifrane 333151.87N 050926.95W Safi 321904.94N 091444.078W	AR-1 AR-6 AR-7	Casablanca ACC			MI(A/C)	250		N	
<b>MOZAMBIQUE</b> Beira	AR-8	Beira ACC						N	
<b>NAMIBIA</b> Windhoek	AR-4 AR-8	Windhoek ACC						N	
<b>NIGER</b> Niamey	AR-4 AR-9	Niamey ACC							F<-2004
<b>NIGERIA</b> Kano Lagos	AR-4 AR-9 AR-5	Kano ACC Lagos ACC			F(A/C) F<2003	250 250			F<-2005 F<-2005
<b>SENEGAL</b> Dakar	AR-1 AR-9	Dakar ACC							



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1	2	3	4	5	6	7	8	9	10
<b>SEYCHELLES</b>	AR-3								
Seychelles	AR-10	Seychelles ACC						N	
<b>SOMALIA</b>	AR-3								
Mogadishu		Mogadishu FIC						N	
<b>SOUTH AFRICA</b>	AR-2								
Cape Town	AR-4	Cape Town ACC			I(A/C)			N	
Johannesburg	AR-8	Johannesburg ACC			I(A/C)			I	
	AR-10	Johannesburg Oceanic							
<b>SUDAN</b>	AR-3								
Khartoum	AR-9	Khartoum ACC						N	
<b>TUNISIA</b>	AR-4								
Tunis	AR-7	Tunis ACC			MI(A/C)	250		N	
PSR: 365135.417N 0101428.9293E Sidi Zid: 362829.0381N 0101929.0568E Akouda 035 53 37N 010 33 46E		Tunis ACC			MI(A/C)	250			
<b>UGANDA</b>	AR-3								
Entebbe		Entebbe ACC						N	
<b>UNITED REPUBLIC OF TANZANIA</b>	AR-3								
Dar-Es-Salaam	AR-8	Dar-Es-Salaam ACC						N	
<b>ZAMBIA</b>	AR-4								
Lusaka	AR-8	Lusaka ACC						N	
<b>ZIMBABWE</b>	AR-8								
Harare		Harare ACC			I(A/C)			N	