

INTERNATIONAL CIVIL AVIATION ORGANIZATION

AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP FOURTEENTH MEETING (APIRG/14)

(Yaoundé, Cameroon, 23 - 27 June 2003)

Agenda Item 5: Deficiencies in the Air Navigation Field in the AFI Region

5.3: Deficiencies in the ATS/AIS/SAR fields

(Presented by the Secretariat)

SUMMARY

This paper presents the list of deficiencies in the ATS, AIS and SAR fields as updated by the Seventh Meeting of the ATS/AIS/SAR Sub-Group (Nairobi 14 – 18 October 2002). It incorporates updates from States in response to the Secretary General's State Letter as well as inputs directly received from States through missions and correspondence. In carrying out the updates, the Sub-Group made recommendations for appropriate remedial action and proposed target dates for implementation/elimination.

References:

Secretary General State Letter Ref: M6/1-02/79 dated 27 September 2002 ATS/AIS/SAR/SG/7 Report.

1. Introduction

1.1 The Sub-Group recalled the concerns of the Air Navigation Commission (ANC) and the Council related to the impact of air navigation deficiencies on safety. The Sub-Group noted the appreciation by the ANC and the Council of the efforts made by the APIRG as well as those of status to identify, assess and report air navigation deficiencies. The Meeting recalled in particular that APIRG/13 developed a list of deficiencies using the uniform methodology.

2. Discussion

2.1 The Sub-Group, using the approved methodology, updated the list of deficiencies in the ATS, SAR and AIS/MAP fields as shown in **Appendices A, B and C** to this paper and formulated draft conclusion 7/57 which is reproduced here below:

Draft Conclusion 7/57 - List of deficiencies in the ATM, SAR and AIS fields

That considering the negative impact of non implementation of the air navigation plan requirements and the persistence of serious cases of deficiencies in several parts of the AFI region:

- a) States concerned should take as soon as possible concrete measures to eliminate all deficiencies at the Appendix to this working paper.
- b) the matter be regularly followed up by the ICAO regional offices; and
- c) results be brought to the attention of APIRG

3. Action required:

That APIRG:

- a) note the list of deficiencies in ATS, AIS and SAR fields appearing in the **Appendices A, B and C** to this working paper as updated by the Secretariat and the ATS/AIS/SAR Sub-Group.
- b) update the list as appropriate on the basis of **Appendices A, B and C**.
- c) invite ICAO Secretariat to coordinate with the States concerned in order for them to take remedial action in a timely manner.
- d) develop a modified conclusion taking into account the content of the ATS/AIS/SAR/SG/7 draft conclusion 7/57 based on a), b) and c) above.

ATM Deficiencies

State Name Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Algeria								
AFI/7 Rec.5/8 and Table ATS 1 AFI AN Doc.7474/27	RNAV UM999 P	Casablanca-Errachid ia-El Golea-Zarzaitine-Se bha-Sarir-New Valley-Luxor-Jeddah	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Algeria-Egypt-Libya- Morocco-Saudi Arabia	22/1/04	Α
AFI/7 Rec.5/8 and Table ATS 1 AFI AN Doc.7474/27	Route UR981 P	Casablanca-Marrake ch-BULIS-Gao-Niame y-Lagos		Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date (Route segment implemented in Algeria)	Mali-Mauritania-Mor cco-Niger-Nigeria	o 22/1/04	A
AFI/7 Rec.5/8 and Table ATS 1 AFI AN Doc.7474/27	Route UR986 P	Tunis-Ghadames- In Amenas-Djanet-Kan o-Foumban-Yaoundé -France Ville	1995	Aircraft subjected to fly non-economical routes.	States concerned to coordinate common implementation date	Algeria	22/1/04	Α
Annex 11 Appendix 2	Five-letter name code	Route crossing not identified	1998	Difficulties for pilots identifying potential traffic conflicts.	ICAO Regional Office concerned allocate the 5-letter name codes.	Algeria	22/1/04	Α
APIRG/13 Conc.13/43		Non-implementation of 10 minutes longitudinal separation	-				22/1/04	Α
AFI/7 Rec.5/21		Non-implementation of ATC in the upper airspace	-				22/1/04	Α

State Nam	ne Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body 1	Farget date for mplementation	Priority
	AFI/7 Rec.5/8 and Table ATS 1 AFI ANP Doc.7474/27	Route UA293	(Ibiza) (KIRLA) Tiaret	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementatation date	Algeria	22/1/04	Α
	AFI/7 Rec.5/8 and Table ATS 1 AFI ANP Doc.7474/27	Route UG623	(BALEN) Annaba-Tebessa-Gh	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Algeria	22/1/04	Α
Angola									
	AFI/7 Rec.5/21	Provision of ATC 150 NM concept	Non-provision of ATC service 150 NM of Luanda and Huambo	1998	Steep descent for arrival and steep climb for departure.	Implement as required.	Angola	22/1/04	U
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UM731	Carbonara-OSMAR- Tunis-Jerba-FARES- Dirkou-N'Djamena-Be riberati-Saurimo-Joh annesburg	1996	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Angola-Botswana-C entral African Republic-Congo(DRC)-Chad-Libya-Niger- South Africa-Zambia		Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UM998	Gaborone-Kinshasa- Luena-Maun	1996	Aircraft subjected to fly non-economic routes	States concerned to coordinate common implementation dates	Angola-Botswana- D. R. Congo	22/1/04	Α
	APIRG/13 Conc. 13/43	Non-implementation of 10 minutes longitudinal separation	-	-	-	-	-	22/1/04	U
Benin									

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Botswana									
	AFI/7 Rec.5/21	RNAV UM731	Johannesburg-Sauri mo	1990	Aircraft subjected to fly non-economical routes	State concerned to coordinate common implementation date	Angola-Botswana-S outh Africa-Zambia	22/1/04	Α
Burkina F	aso								
	This State has no deficiency in this field								
Burundi									
	This State has no deficiency in this field								
Cameroon	ı								
	AFI/7 Rec.5/8 Table ATS 1 Doc.7474/27	Route UA861	Lagos-Garoua	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Cameroon	22/1/04	Α
Cape Verd	de								
	This State has no deficiency in this field								
Chad									
	This State has no deficiency in this field								
Comoros									
	AFI/7 Rec.5/21	Provision of ATC 150 NM concept	Non-provision of ATC service 150 NM Windhoek	1994	Delayed descend for arrival and steep climb for departure	To implement as required	Comoros-Madagaso ar	22/1/04	U

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Congo									
	LIM AFI Rec.10/38	SSR Provision of effective	Need for SSR surveillance in extended TMA as expressed in the AFI CNS/ATM Plan	1998	Traffic density/complexity contributing to frequent ATS incidents	Implement SSR at Brazzaville	Congo	22/1/04	U
Côte d'Ivo	ire								
	This State has no deficiency in this field								
Dem. Rep.	of Congo								
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	UM731	Johannesburg-Sauri mo-Berberati	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date (Need of VHF coverage before implementation)	Angola-Botswana-Congo (DRC)	22/1/04	Α
	AFI/7 Rec.5/21	-	Non-provision of ATC service	-	-	-	-	22/1/04	
	APIRG/13 Conc.13/43	-	Non-implementation of 10 minute longitudinal separation	-	-	-	-	22/1/04	
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UA617	Kinshasa-Windhoek	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date (coordination meeting with military authorities on-going)	Congo (DRC)	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UL612	Goma-El Dhaba(Paleohora)	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Congo (DRC)-Egypt-Sudar	22/1/04 1	Α

State Nam	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Djibouti									
	This State has no deficiency in this field								
Egypt									
	This State has no deficiency in this field								
Equatoria	l Guinea								
	This State has no deficiency in this field								
Eritrea									
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UB525	Addis Ababa-ALEBA-Luxo	1996	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Eritrea	22/1/04	Α
Ethiopia									
	This State has no deficiency in this field								
France (R	léunion)								
	This State has no deficiency in this field								
Gabon									
	This State has no deficiency in this field								

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Gambia									
	This State has no deficiency in this field								
Ghana									
	This State has no deficiency in this field								
Guinea									
	This State has no deficiency in this field								
Guinea Bi	ssau								
	This State has no deficiency in this field								
Kenya									
	AFI/7 Rec.5/1 - Airspace management	P2, R10, D20	Prohibited area, restricted area, danger area	1990	Non-availability of direct routing	Withdraw these areas	Kenya	22/1/04	Α
Lesotho									
	This State has no deficiency in this field								
Liberia									
	This State has no deficiency in this field								

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Libya									
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UM999	Zarzaitine-Sebha-Sa rir-New Valley	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Libya	22/1/04	Α
	AFI/7 Rec.5/21	Provision of ATC 150 NM concept	Non-provision of ATC 150 NM of Tripoli	1990	Delayed descent for arrival and steep climb for departure	Implement as required	Libya	22/1/04	U
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UA748	(Gozo)-Tripoli-Mizda- Cairo-Sharm Sheikh	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Libya and adjacent States	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UA411	Jerba-Tripoli-Beni-W alid-Benina-GERFA- Mersa Matruh-Cairo	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Libya	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UG855	Tripoli-Ghadames-B. Omar Driss	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Libya	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UG864	Tunis-Tebessa-Ghar daia-Timmimoun	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Libya	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UM994	Monastir-Mitiga-Beni- Walid-ORNAT	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Libya	22/1/04	Α
	AFI/7 Rec.5/1	Airspace Management	Inadequate airspace management between ATS units leading to frequent traffic incidents in the FIR boundaries between Alger, N'djamena, Tripoli and Niamey not responding to existing route structure flows	1998	Frequent ATS incidents in the area attributed to airspace management	Need for urgent meeting of the States concerned to address the problem of airspace management and prevalent ATS incidents in the area	Libya and adjacent States	22/1/04	A

State Nam	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UG623	BALEN-Annuba-Teb essa-Ghadames	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Libya	22/1/04	Α
	AFI/7 Rec.5/1	P21-R23-Airspace Management	Prohibited area-Restricted area	1990	Non-availability of direct routing	State concerned to withdraw these	Libya	22/1/04	Α
Madagas	car								
	This State has no deficiency in this field								
Malawi									
	This State has no deficiency in this field								
Mali									
	This State has no deficiency in this field								
Mauritan	ia								
	This State has no deficiency in this field								
Mauritius	ï								
	This State has no deficiency in this field								
Morocco									
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UR981	Casablanca-Marrake ch-BULIS	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Morocco	22/1/04	Α

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Airspace Management	Problems associated with non flight level allocations on ATS routes	1998	Non-standard flight level allocations contributed to ATS incidents	States concerned to meet and address issues under column 3	Morocco-Portugal	22/1/04	U
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	(SSR) Provision of effective	Need for SSR surveillance in extended TMA as expressed in the AFI CNS/ATM Plan	1998	Traffic density/complexity contributing to frequent ATS incidents	Implement SSR at Casablanca	Morocco	22/1/04	U
Mozambig	que								
	This State has no deficiency in this field								
Namibia									
	AFI/7 Rec.5/21	Provision of ATC 150 NM concept	Non-provision of ATC service 150 NM Windhoek	1994	Delayed descent for arrival and steep climb for departure	To Implement as required	Namibia	22/1/04	U
Niger									
	This State has no deficiency in this field								
Nigeria									
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UA861	Lagos-Garoua	1995	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Nigeria	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UM998	Ngaondere-Maidugur i-Djanet	1995	Aircraft subjected to fly non-economical routes	-	Nigeria	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Rwanda									
	This State has no deficiency in this field								
Sao Tome	& Principe								
	This State has no deficiency in this field								
Senegal									
	This State has no deficiency in this field								
Seychelles	S								
	This State has no deficiency in this field								
Sierra Leo	one								
	This State has no deficiency in this field								
Somalia									
	AFI/7 Rec.5/21	Provision of ATC 150 NM concept	Non-provision of ATC service 150 NM of Mogadishu	1994	Delayed descent for arrival and steep climb for departure	No action due to the present situation	Somalia	22/1/04	U
	AFI/7 Rec.5/21	Route UG207	Mogadishu-Karachi	1990	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Somalia	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
South Afric	ca								
	This State has no deficiency in this field								
Spain (Ca	nary Is.)								
	This State has no deficiency in this field								
Sudan									
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UR400	A. Simbel-Kassala	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UR995	Merowe-Addis Ababa	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UM665	Addis Ababa-Merowe	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UM220	Lodwar-A.Simbel	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	RNAV UL612	Goma-El Dhaba	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UB607	Goma-El Obeid-New Valley-El Dabha	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UB525	Addis Ababa-Luxor	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Route UA618	Bukavu-Malakal	1994	Aircraft subjected to fly non-economical routes	States concerned to coordinate common implementation date	Sudan	22/1/04	Α

State Nam	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474/27	Provision of ATS	Area control service not provided to most ATS routes in the upper airspace	1998	-	State to expedite implementation process	Sudan	22/1/04	Α
Swazilana	l								
	AFI/7 Rec.5/1	P4 - Airspace Management	Prohibited area	1990	Non-availability of direct routings	Withdraw this area - P4	Swaziland	22/1/04	Α
Tanzania									
	AFI/7 Rec.5/8 Table ATS 1 AFI ANP Doc.7474	UB527	Lubumbashi - Dar-es-Salaam	2001	Aircraft subjected to fly non-economical routes	Tanzania is coordinating with the States for a common implementation date	D. R. Congo - Tanzania	22/1/04	Α
	-	UB607	Bujumbura - Dar-es-Salaam	2001	-	-	Zambia - Burundi	-	Α
Togo									
	This State has no deficiency in this field								

Tunisia

Uganda

This State has no deficiency in this field

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	
Zambia									
	AFI/7 Rec.5/1	D23 P4	Danger area - Restricted area	1990	Non-availability of direct routing	Withdraw area	Zambia	22/1/04	Α
Zimbabwe	2								
	This State has no deficiency in this field								

AIS Deficiencies

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	•
Algeria									
	This State has no deficiency in this field								
Angola									
	Annex 15, 3.4.4- AFI/7 Rec. 12/29	Coordinates WGS-84	Accuracy of coordinates to be established in accordance with Annexes 11 and 14	1/1/98	Delay in introduction of GNSS	Implement WGS-84 coordinates	Angola	31/12/03	U
	Annex 4- AFI/7 Rec. 12/31 and Rec. 12/32	ICAO Mandatory Charts	Non-availability of the ICAO Aerodrome Chart and the ICAO Aerodrome Obstacle Chart - Type A	1990	Lack of charts affects safety	Publish these Charts for Luanda and Huambo	Angola	31/12/03	U
	Annex 15, 5.1 Annex 15, 6.11	NOTAM	Irregular publication of NOTAM	1990	Lack of NOTAM affects safety	Publish regularly	Angola	31/12/03	U
Benin									
	This State has no deficiency in this field								
Botswana									
	This State has no deficiency in this field								

State Name Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for Priority implementation
Burkina Faso							
This State has no deficiency in this field							

Burundi

This State has no deficiency in this field

Cameroon

Annex 15, 5.1 ICAO Mandatory Non-availability of 1990 Lack of charts Publish these charts Cameroon 31/12/03 U
Annex 15, 6.11 AFI/7 Charts the ICAO Aerodrome affects safety for Yaounde

CONC 12/7 Chart and the ICAO
Aerodrome Obstacle
Chart - Type A

Cape Verde

This State has no deficiency in this field

Central African Republic

This State has no deficiency in this field

Chad

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for I implementation	Priority
Comoros									
	Annex 15, 5.1 Annex 15, 6.11: AFI/7 CONC 12/7	ICAO Mandatory Charts	Non-availability of the ICAO Aerodrome Obstacle Chart - Type A for Dzaoudzi and Moroni	1990	Lack of this chart affects safety	Publish this Chart for Moroni and Dzaoudzi	Comoros	31/12/03	U
	Annex 15, 5.1 Annex 15, 6.11	NOTAM	Irregular Publication of NOTAM	1990	Lack of NOTAM affects safety	Publish regularly	Comoros	31/12/03	U
Congo									
	This State has no deficiency in this field								
Côte d'Ivo	ire								
	This State has no deficiency in this field								
Dem. Rep.	of Congo								
	Annex 15, 5.1	NOTAM	Irregular publication of NOTAM	1990	Lack of NOTAM affects safety	Publish regularly	Congo (DRC)	31/12/03	U
	Annex 4 and AFI/7, Rec.12/31	ICAO Mandatory Charts	Aerodrome Charts outdated	1990	Non-updated charts affects safety	Publish new charts	Congo (DRC)	31/12/03	U
Djibouti									
	Annex 15, 3.4.4	Coordinates WGS84	Accuracy of coordinates in accordance with Annexes11 and 14	01/01/98	Delay in introduction of GNSS	Implement WGS-84 coordinates	Djibouti	31/12/03	U
	Annex 15, 8.1	Integrated AIS package	Irregular distribution of AIS package	01/01/98	Non-availability of latest status of information affects safety	Distribute regularly	Djibouti	31/12/03	Α

State Name Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	•
Annex 15, 5.1	AIRAC NOTAM	Non-adherence to AIRAC requirements	1994	Non-observation of AIRAC procedures affects regularity of flight operations	Data indicated in Appendix 4 of Annex 15 to be promulgated on AIRAC dates	Djibouti	31/12/03	U

Egypt

This State has no deficiency in this field

Equatorial Guinea

This State has no deficiency in this field

Eritrea

This State has no deficiency in this field

Ethiopia

This State has no deficiency in this field

France (Réunion)

This State has no deficiency in this field

Gabon

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action		Target date for Pimplementation	riority
Gambia									
	Annex 15, 8.1	Intergrated AIS package	Irregular distribution of AIS package	01/01/98	Non-availability of latest status of information	Distribute regularly	Gambia	31/12/03	Α
Ghana									
	This State has no deficiency in this field								
Guinea									
	Annex 15, 8.1	Integrated AIS package	Irregular distribution of AIS package	01/01/98	Non-availability of latest status of information	Distribute regularly	Guinea	31/12/03	Α
Guinea Bi	ssau								
	Annex 15, 3.4.4	Coordinates WGS-84	Accuracy of coordinates in accordance with Annexes 11 and 14	01/01/98	Delay in introduction of GNSS	Implementation of WGS-84 coordinates	Guinea-Bissau	31/12/03	U
Lesotho									
	Annex 15, 4.1	New AIP format	Irregular distribution of AIS package	01/01/96	Non-availability of AIP affects safety	Implement and publish new AIP	Lesotho	31/12/03	Α
Liberia									
T .1	Situation unknown								
Libya	This State has no deficiency in this field								

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for 1 implementation	Priority
Madagasca	ır								
	This State has no deficiency in this field	ICAO Mandatory Charts	Non-availability of the ICAO Aerodrome Obstacle Chart - Type A	1990	Lack of this chart affects safety	Publish the required chart for moroni and Dzaoudzi	Madagascar	Dft.AIP	U
Malawi									
	This State has no deficiency in this field								
Mali									
	This State has no deficiency in this field								
Mauritani	a								
	This State has no deficiency in this field								
Mauritius									
	This State has no deficiency in this field								
Morocco									
	Lack of AIP in new format	-	-	-	-	-	-	31/12/03	U
Mozambiq	rue								
	Annex 15, 5.1	NOTAM	Irregular Publication of NOTAM	01/01/98	Lack of NOTAM affects safety	Publish regularly	Mozambique	31/12/03	U
	Annex 15, 4.1	AIP in new format	Non-availability of up-to-date information	01/01/96	Use of outdated information may affect safety	Implement and publish new AIP format	Mozambique	31/12/03	Α

State Nam	e Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	•	Target date for P implementation	Priority
Namibia									
	Annex 4 and AFI/7 Rec.12/31	ICAO Mandatory Charts	Non-availability of ICAO Aerodrome Chart for Keetmanshoop and Windhoek/Hosea Kotako	1979	Lack of these charts affects safety	Publish the required charts	Namibia	31/12/03	U
Niger									
	This State has no deficiency in this field								
Nigeria									
	This State has no deficiency in this field								
Rwanda									
	Annex 15, 8.1	ICAO Mandatory Charts	Non-availability of ICAO Aerodrome Chart and Aerodrome Obstacle Chart - Type A for Kigali	1979	Lack of these charts affects safety	Publish the two Charts for Kigali	Rwanda	31/12/03	U
	Annex 15, 4.1	AIP new format	Non-availability of up-to-date information	1979	Use of outdated information may affect safety	Implement and publish new AIP format	Rwanda	31/12/03	U
Sao Tome	e & Principe								
	Annex 15, 8.1	NOTAM	Irregular Publication of NOTAM	1991	Lack of NOTAM affects safety	Publish regularly	Sao Tome (Roberts FIR)	31/12/03	U

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	Priority
Senegal									
	This State has no deficiency in this field								
Seychelles									
·	This State has no deficiency in this field								
Sierra Leo	ne								
	Annex 15, 8.1	NOTAM	Irregular Publication of NOTAM Publication of reported points	1991	Lack of NOTAM affects safety	Publish regularly	Sierra Leone (Roberts FIR)	31/12/03	U
Somalia									
	Annex 15, 3.4.4	Coordinates WGS84	Accuracy of coordinates to be established in accordance with Annexes 11 and 14	01/01/98	Delay in introduction of GNSS	Implementation of WGS-84 coordinates	Somalia	31/12/03	U
	Annex 15, 8.1	ICAO Mandatory Charts	Non-availability of ICAO Aerodrome Chart, ICAO Aerodrome Obstacle Chart type A and ICAO Instrument Approach Chart for Hargeissa, Kismayu, Mogadishu	1990	Lack of these charts affects safety	Publish the three Charts as required	Somalia	31/12/03	U
South Afri	ca								
	This State has no deficiency in this								

deficiency in this field

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for implementation	
Spain (Can	nary Is.)								
	This State has no deficiency in this field								
Sudan									
	Annex 15, 8.1	ICAO Mandatory Charts	Non-availability of ICAO Aerodrome Chart for Khartoum	1990	Lack of this chart affects safety	Publish the required chart	Sudan	31/12/03	U
Swaziland									
	Annex 15, 8.1	NOTAM AIRAC	Non-adherence to AIRAC requirements	1991	Non-observation of AIRAC procedures affects regularity of flight operations	Data indicated in Appendix 3 to Annex 15 to be promulgated on AIRAC dates	Swaziland	31/12/03	U
	Annex 15, 8.1	ICAO Mandatory Chart	Non-availability of ICAO Aerodrome Obstacle Chart type A for Matsapha	1991	Lack of this chart affects safety	Publish the required chart	Swaziland	31/12/03	U

Tanzania

This State has no deficiency in this field

Togo

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported	Comments on Deficiency	Description of Corrective action	Executing Body	Target date for I implementation	Priority
Tunisia									
	This State has no deficiency in this field								
Uganda									
	This State has no deficiency in this field								
Western S	ahara								
	This State has no deficiency in this field								
Zambia									
	Annex 15, 4.1	AIP new format	Non-publication of AIP new format	1996	Use of outdated information affects safety	Implement and publish new AIP	Zambia	31/12/03	U
Zimbabwe	?								
	This State has no deficiency in this field								

Deficiencies SAR eng

State Nam	e Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Target date for implementation	Priority
Algeria									
	This State has no deficiency in this field								
Angola									
	Annex 12, 3.1.5 AFI/7 Conc.6/3	SAR Agreements	-	1995	Delay to conduct SAR OPS	Coordination with States concerned.	Angola and adjace States.	nt 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz.	1997	Delay to conduct SAR OPS	Implement 406/121. MHz	5 Angola	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR y legislation	-	22/1/04	Α
Benin									
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements	-	1996	Delay to conduct SAR OPS	Coordinate with States concerned.	Benin and adjacent States.	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	i) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz.	Benin	22/1/04	U
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency.	Establish SAR // legislation.	-	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Farget date for mplementation	•
Botswana									
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	I) Implement 406 MH	lz Botswana	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency.	Establish SAR legislation	-	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1995	Delay to conduct SAR OPS	Coordination with States concerned.	Botswana and adjacent States	22/1/04	Α
Burkina F	Taso								
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz.	Burkina Faso	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	-	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements.	-	1995	Delay to conduct SAR OPS	Coordinate with States concerned.	Burkina Faso and adjacent States.	22/1/04	Α
Burundi									
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements	-	1995	Delay to conduct SAR OPS	Coordinate with States concerned.	Burundi and adjace States.	nt 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4: AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	Burundi	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	-	22/1/04	Α

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	Executing Body	Target date for implementation	Priority
Cameroon									
	Annex 12, 2.4: Annex 12, 3.2.4: AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.	5 Cameroon	22/1/04	А
	Annex 12, 3.1.5: AFI/7 Conc.6/3	SAR Agreements	-	1995	Delay to conduct SAR OPS	Coordinate with States concerned.	Cameroon	22/1/04	Α
Cape Verd	le								
	This State has no deficiency in this field								
Central Aj	frican Republic								
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation		22/01/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Lack of legal authority could delay SAR efficiency	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Central African Republic	22/01/04	Α
Chad									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1991	Delay to conduct SAR OPS	Coordinate with States concerned.	Chad and adjacen States	t 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Chad	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Chad	22/1/04	Α

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Target date for implementation	Priority
Comoros									
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Comoros	22/1/04	Α
	Annex 12, 3.1, AFI/7 Conc.6/3	SAR Agreements	-	1991	Delay to conduct SAR OPS	Coodinate with States concerned	Comoros and adjacent States	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.5 MHz	5 Comoros	22/1/04	Α
Congo									
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Congo	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements	-	1995	Delay to conduct SAR OPS	Coordinate with States concerned	Congo and adjaces	nt 22/1/04	Α
	Annex 12,2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.5 MHz	5 Congo	22/1/04	Α
Côte d'Ivo	ire								
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1996	Delay to conduct SAR OPS	Coordinate with States concerned	Côte d'Ivoire and adjacent States	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	-	Côte d'Ivoire	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Côte d'Ivoire	22/1/04	Α

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Farget date for a mplementation	Priority
Dem. Rep.	of Congo								
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	Coordination with States concerned	Congo (DRC)	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements	-	1995	Delay to conduct SAR Operations	Coordination with States concerned	DR Congo and adjacent States	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Congo (DRC)	22/1/04	Α
Djibouti									
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provide SPOC and ICAO: ii) Implement 406/121.5 MHz	l Djibouti	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1991	Delay to conduct SAR OPS	Coordinate with States concerned	Djibouti and adjace States	nt 22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Djibouti	22/1/04	Α
Egypt									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR agreements	-	1995	Delay to conduct SAR Operations	Coordination with States concerned	Egypt and adjacent States	22/1/04	Α
	Annex 12,2.4, Annex 12, 3.2.4, AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	Coordination with States concerned	Egypt	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Egypt	22/1/04	Α

State Name	e Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action		Farget date for mplementation	Priority
Equatorial	Guinea								
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Equatorial Guinea	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1991	Delay to conduct SAR OPS	Coordinate with States concerned	Equitorial Guinea an adjacent States	nd 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Equitorial Guinea	22/1/04	Α
Eritrea									
	Annex 12, 2.1	SAR Legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Eritrea	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	Establish SAR legislation	1995	Delay to conduct SAR OPS	Coordination with States concerned	Eritrea and adjacen States	t 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	Implement 406/121.5 MHz	1997	Delay to conduct SAR OPS	Implement 406 MHz	Eritrea	22/1/04	Α
Ethiopia									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1995	Delay to conduct SAR/OPS	Coordinate with States concerned.	Ethiopia and adjace States	nt 22/1/04	Α
France (R	'éunion)								
	This State has no deficiency in this field								
Gabon									
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Gabon	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action		arget date for nplementation	Priority
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1990	Delay to conduct SAR OPS	Coordinate with States concerned	Gabon and adjacent	22/1/04	Α
	Annex 12, 3.2.4, AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR 0PS	Provide SPOC to ICAO	Gabon	22/1/04	Α
Gambia									
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Gambia	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	Gambia	22/1/02	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1991	Delay to conduct SAR OPS	Coordinate with States concerned	Gambia and adjacer States	nt 22/1/04	Α
Ghana									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1994	Delay to conduct SAR OPS	Coordinate with States concerned	Ghana and adjacent States	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	Ghana	22/1/04	А
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Ghana	22/1/04	Α
Guinea									
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.5 MHz	Guinea	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	Executing Body	Target date for implementation	Priority
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR / legislation	Guinea	22/1/04	Α
Guinea Bi	ssau								
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1996	Delay to conduct SAR OPS	Coordinate with States concerned	Guinea-Bissau an adjacent States	d 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Guinea-Bissau	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR / legislation	Guinea-Bissau	22/1/04	Α
Kenya									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements	-	1996	Delay to conduct SAR OPS	Signed with EAC States only. To coordinate with other neighbouring States concerned outside EAC.	Kenya and adjace States	nt 22/1/04	А
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.5 MHz	5 Kenya	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Kenya	22/1/04	Α
Lesotho									
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	Lesotho	22/1/05	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Target date for implementation	Priority
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Lesotho and adjacent States	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR y legislation	Lesotho	22/1/04	Α
Liberia									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Liberia and adjacer States	nt 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provid SPOC to ICAO ii) Implement 406/121.5 MHz	Liberia	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR // legislation	Liberia	22/1/04	Α
Libya									
	Annex 12, 2.,: Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Libya	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR / legislation	Libya	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Libya and adjacent States	22/1/04	Α
Madagasc	ear								
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Madagascar and adjacent States	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	Executing Body	Target date for implementation	Priority
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.5 MHz	5 Madagascar	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Madagascar	22/1/04	Α
Malawi									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1995	Delay to conduct SAR OPS	Coordinate with States concerned	Malawi and Mozambique	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.5 MHz	5 Malawi	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal famework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Malawi	22/1/04	Α
Mali									
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Lack of legal authority could delay SAR efficiency	Implement 406 MHz	Mali	22/1/04	Α
Mauritani	a								
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR agreements		1995	Delay to conduct SAR Operations	Coordination with States concerned	Mauritania and adjacent States	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1997	Delay to conduct SAR Operations	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Mauritania	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	Executing Body	Target date for implementation	Priority
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR y legislation	Mauritania	22/1/04	Α
Mauritius									
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR Operations	Implement 406 MHz	Mauritius	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could dela SAR efficiency	Establish SAR y legislation	Mauritius	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR agreements		1995	Delay to conduct SAR Operations	Coordination with States concerned	Mauritius and adjacent States of India, Madagasca and Maldives		Α
Morocco									
	Annex 12, 3.1, AFI/7 Conc. 6/3	SAR agreements		1995	Delay to conduct SAR Operations	Coordination with States concerned	Morocco and adjacent States	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	I) Provide SPOC to ICAO ii) Implement 406/121.5 MHz	Morocco	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could dela SAR efficiency	Establish SAR y legislation	Morocco	22/1/04	Α
Mozambiq	nue								
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1997	Delay to conduct SAR Operations	Implement 406/121. MHz	5 Mozambique	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of 1 Corrective action	•	arget date for 1 nplementation	Priority
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR agreements		1995	Delay to conduct SAR Operations	Coordination with States concerned	Mozambique	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Mozambique	22/1/04	Α
Namibia									
	Annex 12, 2.4: Annex 12.3.2.4: AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	Implement 406/121.5 MHz	Namibia	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1991	Delay to conduct SAR OPS	Coordination with States concerned	Namibia and adjace States	nt 22/1/04	Α
Niger									
	Annex 12,2.4, Annex 12, 3.2, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Niger	22/1/04	Α
Nigeria									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Nigeria and adjacent	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec.6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	Implement 406/121.5 MHz	Nigeria	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Nigeria	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	Executing Body	Target date for in implementation	Priority
Rwanda									
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	Implement 406/121.9 MHz	5 Rwanda	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR / legislation	Rwanda	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Rwanda and adjacent States	22/1/04	Α
Sao Tome	& Principe								
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1997	Delay to conduct SAR Operations	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Sao Tome	22/1/04	А
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR / legislation	Sao Tome	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1995	Delay to conduct SAR OPS	Coordination with States concerned	Sao Tome and Adjacent States	22/1/04	Α
Senegal									
	Annex 12, 2.4, Annex 12, 3.2, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.MHz	1993	Delay to conduct SAR Operations	Implement 406/121.9 MHz	5 Senegal	22/1/04	Α
Seychelles	3								
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Seychelles and adjacent States	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR / legislation	Seychelles	22/1/04	Α

State Name Requirements		Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Carget date for nplementation	•
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR Operations	Implement 406/121. MHz	5 Seychelles	22/1/04	Α
Sierra Le	one								
	-	-	-	-	-	-	-	-	-
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Lack of legal authority could delay SAR efficiency	Implement 406/121.9 / MHz	5 Sierra Leone	22/1/02	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation	Sierra Leone	22/1/04	Α
Somalia									
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Somalia and adjace States	nt 22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121.9 MHz	5 Somalia	22/1/04	Α
~	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR / legislation	Somalia	22/1/04	Α

South Africa

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Target date for implementation	Priority
Spain (Can	ary Is.)								
	This State has no deficiency in this field								
Sudan									
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements		1995	Delay to conduct SAR OPS	Coordination with States concerned	Sudan and adjacer States	nt 22/1/04	Α
	Annex 12, 2.4, Annex 12, 4.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1997	Delay to conduct SAR OPS	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Sudan	22/1/04	Α
Swaziland	!								
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Swaziland and adjacent States	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406/121. MHz	5 Swaziland	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR y legislation	Swaziland	22/1/04	Α
Tanzania									
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR legislation. Plans in hand to set up a National SAR Organization under the Ministry of Transport and Communication.	Tanzania	Dec.2005	Α

State Nam	e Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	•	Target date for implementation	Priority
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	z Tanzania	Dec.2005	Α
	Annex 12, 3.1.5, AFI/7 Conc.6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Signed with EAC States only. To coordinate with other neighbouring States concerned outside EAC	Tanzania and adjacent States	22/1/04	A
Togo									
	Annex 12, 3.1, AFI/7 Conc. 6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned. October 1998	Togo ad adjacent States	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	I) Provide SPOC to ICAO: ii) Implement 406/121.5 MHz	Togo	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR y legislation	Togo	22/1/04	Α
Tunisia									
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR y legislation	Tunisia	22/1/04	Α
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Tunisia and adjace States	nt 22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	Executing Body	Target date for I implementation	Priority
Uganda									
	Annex 12, 3.1.5, AFI/7 Conc. 6/3: SAR Agreements	SAR Agreements		1995	Delay to conduct SAR OPS	Signed with EAC States. To coordinate with other neighbouring States concerned outside EAC	Uganda	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	z Uganda	31/03/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could delay SAR efficiency	Establish SAR y legislation	Uganda	31/03/04	Α
Western S	'ahara								
	This State has no deficiency in this field								
Zambia									
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned	Zambia, Angola, Mozambique and Zimbabwe	22/1/04	Α
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	z Zambia	22/1/04	Α
	Annex 12, 2.1	SAR legislation	Provide legal famework for the SAR Authority	1995	Lack of legal authority coul delay SAR efficiency	Establish SAR legislation	Zambia	22/1/04	Α

State Name	Requirements	Facilities or Services	Description of Deficiency	Date first reported		Description of Corrective action	Executing Body	Target date for I implementation	Priority
Zimbabwe									
	Annex 12, 3.1.5, AFI/7 Conc. 6/3	SAR Agreements		1996	Delay to conduct SAR OPS	Coordinate with States concerned. Discussions are going on with South Africa and other States to follow	Zimbabwe and adjacent States	22/1/04	А
	Annex 12, 2.4, Annex 12, 3.2.4, AFI/7 Rec. 6/1 and 6/2	SARSAT ELT	406 MHz and 121.5 MHz	1993	Delay to conduct SAR OPS	Implement 406 MHz	z Zimbabwe	22/1/04	Α
	Annex 12, 2.1	SAR Legilation	Provide legal framework for the SAR Authority	1995	Lack of legal authority could dela SAR efficiency	SAR legislation is y under the promulgation Process	Zimbabwe	31/12/03	Α
