

Table 1- En-route

Area of Routing	FIRs	Systems Evolution 1995-2005				
		Airspace and Traffic Management	Communications		Navigation	Surveillance
			Mobile Service	Fixed Service		
1	2	3	4	5	6	7
Trans-Sahelian AR-9	Asmara Dakar Kano Khartoum N'Djamena Niamey	Fixed RNAV routes co-existing with conventional routes (1999) evolving to random routing ; Full ATC service on all ATS routes above FL 245 and 150NM from international airports. Longitudinal separation of 10 minutes (2000); Lateral separation 25 NM or 30 NM in an RNP 5 environment (2001 - onwards); RVSM- initially between FL350 330 -390 370 (2001 - 2005)	Extension of VHF voice (2000); Full VHF coverage on all ATS routes above FL300, and 150 NM from international airports (2000) DCPC (data) (2000 - 2005).	AFTN and ATS/DS links upgraded (1999); Full Interface between aeronautical networks 2001 - onwards; Gradual introduction of ATN compatible bit-oriented procedures (BOP) between AFTN main centres (1999-onwards)	RNP 10: (2000); RNP 5: 2000- onwards evolving towards RNP5 GNSS as primary-means	APR Bpa (1998); ADS/DCPC (2001 - onwards) with full ground capability by 2005; SSR coverage at N'Djamena sector

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