



ICAO

**DOMAIN: IIM** (Infrastructure & Information Management)

**COM PROJECT.4: Integrated Aeronautical Telecommunication Infrastructure**

**Project Team Coordinator: Togo**

AFI Region	PROJECT DESCRIPTION	DP N° C	
<i>Programme</i>	Title of the Project	Start	End
AFI Integrated Aeronautical Telecommunication Infrastructure	<p style="text-align: center;"><b>AFI</b></p> <p><b>Project Coordinator:</b> <i>Togo</i>  <b>Project Team Experts:</b> <i>Togo, Benin, Nigeria, Côte d'Ivoire, Ghana, Kenya, Mauritania, South Africa, Tanzania, Uganda, ASECNA, IATA, ICAO FISS</i></p>		
<b>Objectives</b>	Develop an AFI interoperable seamless telecommunication infrastructure to support ATM, AIM, MET and aeronautical telecommunication services		
<b>Scope</b>	<ul style="list-style-type: none"> <li>• Achieve interoperability among the AFI aeronautical VSAT networks</li> <li>• Develop and implement AFI ATN backbone</li> <li>• Provide a common IP based managed network service across the AFI region</li> <li>• Provide an efficient support to operational data and potentially voice communications</li> </ul>		
<b>Metrics</b>	Coverage of IP infrastructure with capability to support forthcoming ATM services (AMHS, SWIM, ...)		
<b>Goals</b>	Ensure that the aeronautical services are provided in compliance with ICAO SARPs		
<b>Strategy</b>	Upgrade of AFI VSAT networks to support the current and forthcoming ATM services (AMHS, SWIM, ...) Implement a global IP infrastructure in the near future to deploy forthcoming ATM services (AMHS, SWIM) including AFI addressing plan Implement a global security policy for a secured operation Training and qualification of Technical and operational staff ICAO and Designated Experts to conduct Technical workshops to support the development of the project		
<b>Justification</b>	The ASBU modules and the future aeronautical services are based on IP protocols and require shared infrastructure		

AFI Region	PROJECT DESCRIPTION	DP N° C	
Programme	Title of the Project	Start	End
Related projects	ATM, AIM, MET related projects Training and qualification of Technical staff		

Project Deliverables	Relationship with the regional performance-Objectives (RPO) and ASBU B0 modules	Responsible Party	Status of Implementation <sup>1</sup>	Date of Delivery	Comments
<b>Resources needed</b>	<ul style="list-style-type: none"> <li>• Experts from States</li> <li>• States to host workshops</li> <li>• Funds</li> </ul>				

<sup>1</sup> Grey Task not started yet  
Green Activity being implemented as scheduled  
Yellow Activity started with some delay, but will be implemented on time  
Red Activity not implemented on time; mitigation measures are required