

PROJECT.4: Integrated Aeronautical Telecommunication Infrastructure

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;">AFI</p> <p>Project coordinator:</p> <p>Experts contributing to the project:</p>		
Objectives	Develop an AFI interoperable seamless telecommunication infrastructure to support ATM, AIM, MET and aeronautical telecommunication services		
Scope	<ul style="list-style-type: none"> • Achieve interoperability among the AFI aeronautical VSAT networks • Develop and implement AFI ATN backbone • Provide a common IP based managed network service across the AFI region • Provide an efficient support to operational data and potentially voice communications 		
Metrics	Coverage of IP infrastructure with capability to support forthcoming ATM services (AMHS, SWIM, ...)		
Goals	Ensure that the aeronautical services are provided in compliance with ICAO SARPs		
Strategy	<p>Upgrade of AFI VSAT networks to support the current and forthcoming ATM services (AMHS, SWIM, ...)</p> <p>Implement a global IP infrastructure in the near future to deploy forthcoming ATM services (AMHS, SWIM) including AFI addressing plan</p> <p>Implement a global security policy for a secured operation</p> <p>Training and qualification of Technical and operational staff</p> <p>ICAO and Designated Experts to conduct Technical workshops to support the development of the project</p>		
Justification	The ASBU modules and the future aeronautical services are based on IP protocols and require shared infrastructure		
Related projects	<p>ATM, AIM, MET related projects</p> <p>Training and qualification of Technical staff</p>		

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

¹ *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