



## ATTACHMENT B



### ICAO SOUTH AMERICAN REGIONAL OFFICE

#### MNEMONIC NOTE PAPER – ALL AREAS 02

<b>Twenty Fourth Workshop/Meeting of the ICAO SAM Implementation Group (SAM/IG/24) (Lima, Peru, 4 to 8 November 2019)</b>	
<b>Regional Project RLA/06/901 - Assistance for the implementation of a regional ATM system based on the ATM operational concept and the corresponding technological support for communications, navigation, and surveillance (CNS)</b>	<p>The aim of RLA/06/901 Project is to develop and implement Global Air Navigation Plan (GANP) initiatives in the SAM Region, leading towards the transition to air traffic management and an air navigation system based on infrastructure and ground systems, towards a performance-based PBN air navigation, within an interoperable environment.</p> <p>ICAO Strategic Objectives:</p> <ul style="list-style-type: none"> <li>A- Safety; and</li> <li>B- Air Navigation Capacity and Efficiency.</li> </ul>
<b>Objective of the meeting</b>	<p>Planning and implementation meeting. Necessary to continue and supervise the implementation of the Regional Air Navigation Plan within the GANP ASBU, as well as the regional ATM/CNS initiatives.</p>
<b>Activities held by the SAM Region</b>	<ul style="list-style-type: none"> <li>• 2008-2019 SAM/IG meetings.</li> <li>• 2010-2019 ATS/RO meetings</li> <li>• 2013-2019 PBN/PANS OPS workshops/meetings</li> </ul>
<b>Current situation of the SAM Region</b>	<p>The SAM Region has been implementing ATM improvements, through the implementation of PBN at en-route and approach segments; in addition to the implementation of CCO and CDO methods.</p> <p>To manage airspace and airport demand/capacity imbalances, the ATFM and optimization of longitudinal separation are being developed.</p> <p>With regard to support CNS technologies, the development of regional ATN has been encouraged, as well as the interconnection of AIDC facilities, and the regional and interregional AMHS. The feasibility of using GBAS for approach procedures and ADS-B for ATS surveillance is currently being studied.</p>
<b>Meeting nature</b>	<p>This event is carried out every six months and is aimed for SAM air navigation services planners (AGA, AIM, ATFM, ATM/SAR, CNS and MET), representatives from civil aviation related organizations, and representatives of the aeronautical industry.</p>

<p><b>Competences / Benefits to be generated by this meeting</b></p>	<p>The event enables the analysis, as well as the communication and coordination among State representatives and the industry, for the taking of collaborative decisions with regard to the planning and implementation of ATM/CNS improvements for the development of regional and interregional PBN.</p>
<p><b>Participants' profile</b></p>	<ul style="list-style-type: none"> <li>○ Manager/Chief of ATM and/or CNS area, ANSP provider and/or CAA regulation, empowered with decision-taking by the State.</li> <li>○ Chief/Specialist in ATM planning and implementation, including the ATS, ASM, ATFM fields.</li> <li>○ Chief/Specialist in CNS planning and implementation.</li> <li>○ Airline and airspace user representatives.</li> <li>○ ATM/CNS systems manufacturers.</li> </ul>
<p><b>Next steps for the development of the strategy</b></p>	<p>In accordance with regional strategy terms, the main initiatives under development are:</p> <ol style="list-style-type: none"> <li>1) Optimization of the SAM airspace: PBN implementation, reduction of the en-route longitudinal separation, optimization of the routes network for RNAV-5 implementation, and ATS contingency plans.</li> <li>2) ATFM implementation: ATFM CONOPS, national initiatives and regional plans.</li> <li>3) Implementation of CNS improvements: Regional and State ATN implementation (Project D1), AMHS and AIDC interconnection establishment (Project D2).</li> <li>4) Feasibility study for the convenience in implementing a regional satellite-based ADS-B.</li> </ol>
<p><b>Contact person in the SAM Office</b></p>	<p>Mr. Fernando Hermoza ATM/SAR Regional Officer ICAO SAM Office <a href="mailto:fhermoza@icao.int">fhermoza@icao.int</a></p> <p>Mr. Francisco Almeida da Silva CNS Regional Officer ICAO SAM Office <a href="mailto:falmeida@icao.int">falmeida@icao.int</a></p>