



Agenda Item 4: Assessment of operational requirements to determine the implementation of improvements in communication, navigation, and surveillance (CNS) capabilities for operations en-route and terminal area

SITA AMHS Interconnection in ICAO SAM Region

(Presented by SITA)

RESUMEN	
En seguimiento a la conclusión SAM/IG/15-06 respecto a la interconexión de un Sistema AMHS de la Región SAM con SITA, esta nota de estudio propone un plan tentativo de interconexión de Brasil con SITA y busca un acuerdo para establecer la conexión AMHS y documentos de pruebas en cumplimiento con los anexos de la OACI y el Manual de pruebas OACI EUR AHMS.	
REFERENCIAS	
<ul style="list-style-type: none">Primera Reunión del Grupo de Coordinación de Servicios de Comunicaciones Aeronáuticas (ACS) APANPIRG (ACSICG/1) Lima, Perú, 11 - 15 de mayo de 2015.	
<i>ICAO strategic objectives:</i>	<i>A – Safety</i> <i>B – Air navigation capacity and efficiency</i>

1. Introduction

1.1 During the First Meeting of Aeronautical Communication Services (ACS) Implementation Co-ordination Group of APANPIRG (ACSICG/1) in Lima, Peru, 11 - 15 May 2015, SITA presented the perspective of interconnection to AMHS in ICAO SAM region with Brazil and Peru.

1.2 The Meeting recommended preparation of a plan in agreement with the proposed interconnecting states namely Brazil and Peru.

1.3 This Working Paper presents a tentative plan for AMHS interconnection with Brazil.

2. Discussion

2.1 SITA's AMHS Gateway is in production since November 2014 and ready for AMHS interconnections with ANSPs as necessary.

2.2 Currently SITA has completed AMHS Interoperability tests with Switzerland and is engaged for similar testing with Germany, Russia, Thailand, Singapore and United States under the related regional ICAO offices coordination.

2.3 Further to the discussions and conclusion for SITA AMHS interconnection in ICAO SAM region, SITA received a letter of agreement for AMHS interconnection to Brazil.

2.4 The following is a proposed preparation, interconnection and testing plan in view of SITA AMHS interconnection with Brazil:

	Step 1 Solution Agreement	Step 2 Establish IOT document	Step 3 Establish Infrastructure	Step 4 IP and AMHS connection testing	Step 5 AMHS Tests	Step 6 Operational Production	<u>Target Risk Assessment</u>	
Target Baseline For Projection Completion By End of July 2016	30-Nov	15-Jan	15-Mar	15-Apr	15-May	15-Jul	Missing Baseline Date For The Completion of The Active Step	Missing Baseline Project Completion Date
Brazil (ANAC)								

2.5 During the initial preparations the list of SITA users ICAO addresses as well as the related traffic flow with SAM region will be shared for review and validation. Additionally the most recent documents prepared as the result of current engagements with the other ICAO regions for AMHS testing and migration will be shared for better respective preparations.

3 **Suggested action**

3.1 The Meeting is invited to:

- a) take note of the information contained in this working paper;
- b) Discuss and provide comments on the presented material.
