



International Civil Aviation Organization

South American Regional Office

**Seventh Workshop/Meeting of the SAM Implementation Group
(SAM/IG/7) - Regional Project RLA/06/901**

Lima, Peru, 23 to 27 May 2011

SAM/IG/7-WP/17

17/5/11

**Agenda Item 7: Operational implementation of new ATM automated systems and
integration of the existing systems**

FOLLOW-UP TO THE INTERCONNECTION OF AUTOMATED SYSTEMS

(Presented by the Secretariat)

SUMMARY	
This working paper presents information on progress made in the interconnection of automated systems in the SAM Region, as follow-up to the regional action plan drafted in this regard by the SAM/IG Group.	
Reference: <ul style="list-style-type: none">• Sixth workshop/Meeting of the SAM Implementation Group (SAM/IG/6) RLA/06/901 regional project.	
ICAO strategic objectives:	<i>A – Safety; and C - Environmental protection and sustainable development of air transport</i>

1. Background

1.1 SAM/IG/6 meeting presented the progress made in the interconnection of automated systems in the SAM Region, as follow up to the regional action plan for the interconnection of automated systems drafted in this regards, as well as in the activities specified in the Memoranda of Understanding (MoU) drafted and signed to that date. In this respect, herein is presented the progress made in their implementation since SAM/IG/6 to date.

Interconnection of automated systems between Argentina and Uruguay

1.2 The MoU between Argentina-Uruguay was updated during the Second ATM/CNS Multilateral Meeting among Argentina, Bolivia, Brazil, Paraguay and Uruguay, held in Lima, Perú, from 9 to 12 August 2010, having signed an act in this regard.

1.3 At this time, as follow-up to the activities taken under consideration in the MoU, the Durazno (Uruguay) radar data is available in Ezeiza (Argentina) since the end of March 2011. In this manner, the exchange of radar data using IP protocol between Argentina and Uruguay is completed, in view that the Quilmes (Argentina) radar data was already available in Montevideo.

1.4 The AIDC service will be available for the last quarter of 2011. The radar data information exchange is still not being used operationally by the Ezeiza and Montevideo ACC controllers.

Interconnection of automated systems between Argentina and Brazil

1.5 The MoU signed between the administrations of Argentina and Brazil establishes the interconnection of the automated systems at the Resistencia and Curitiba ACCs, carrying secondary radar information from Resistencia to the Curitiba ACC, and the Santiago and Foz do Iguacu radars, to the Resistencia ACC. The date scheduled for the interconnection of radar data and automatic flight plan hand-off is October 2011.

Interconnection of automated systems between Brazil and Uruguay

1.6 The MoU signed between the administrations of Brazil and Uruguay establishes the interconnection of automated systems between the Curitiba and Montevideo ACCs, carrying secondary radar data information from Durazno to Curitiba, and the Santiago and Cangucu radars, to the Montevideo ACC. The date scheduled for the interconnection of radar data and automatic flight plan hand-off is July 2011.

Interconnection of automated systems between Argentina and Chile

1.7 As follow-up to the activities specified in the action plan for the interconnection of automated systems in the SAM Region and Conclusion SAM/IG/3-8 - *Preparation of specific implementation plans for the interconnection of automated systems*, an MoU was drafted and signed between Argentina-Chile for the exchange of radar data and flight plans between the Santiago (Chile) ACC and the Ezeiza, Córdoba and Comodoro Rivadavia (Argentina) ACCs, with operational implementation date of November 2011. The radars involved in Chile will be Iquique, Antofagasta, Chañaral, La Serena, Santiago, Temuco, Puerto Montt, Balmaceda and Punta Arenas. The radars involved in Argentina are Mendoza, Santa Rosa, Neuquén, Córdoba, San Luis, Tucumán, Salta, La Rioja and Bariloche.

Interconnection of automated systems between Brazil y Venezuela

1.8 In addition, during the SAM/IG/6 meeting, an MoU was signed between Brazil-Venezuela for the exchange of radar data and flight plans between the Amazónico (Brazil) and Maiquetía (Venezuela) ACCs, with implementation date March 2011 for the exchange of radar data, and May 2011 for the automatic flight plan hand-off. The radars involved are Boa Vista y Sao Gabriel da Cachoeira (Brazil) and Santa Elena de Uairen (Venezuela).

2. Analysis

2.1 It is expected that during SAM/IG/7 meeting, Argentina, Brazil, Chile, Uruguay and Venezuela inform on the activities carried out and the difficulties encountered for the holding of the activities scheduled in the MoU approved and signed for the interconnection of the automated systems described in the introduction of this working paper.

2.2 As follow-up to the action plan for the interconnection of automated systems, as well as Conclusion SAM/IG/3-8 - *Preparation of specific implementation plans for the interconnection of automated systems*, it is expected that this Meeting can start drafting the MoUs pending at those States having automated systems installed.

2.3 In addition, it is expected that during SAM/IG/7 meeting, States of the Region in process of implementing automated systems inform on the progress achieved to date, with the aim of including in the action plan the tentative dates for the interconnection of these new automated systems with those installed in adjacent ACCs

3. **Action required**

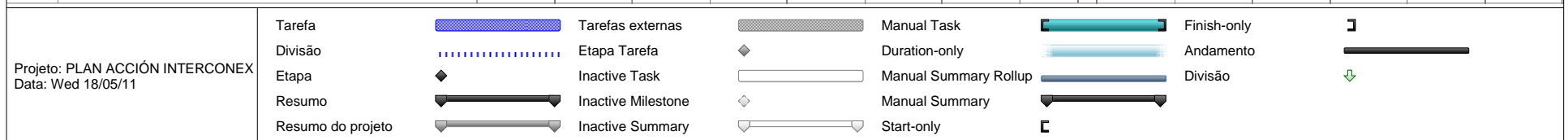
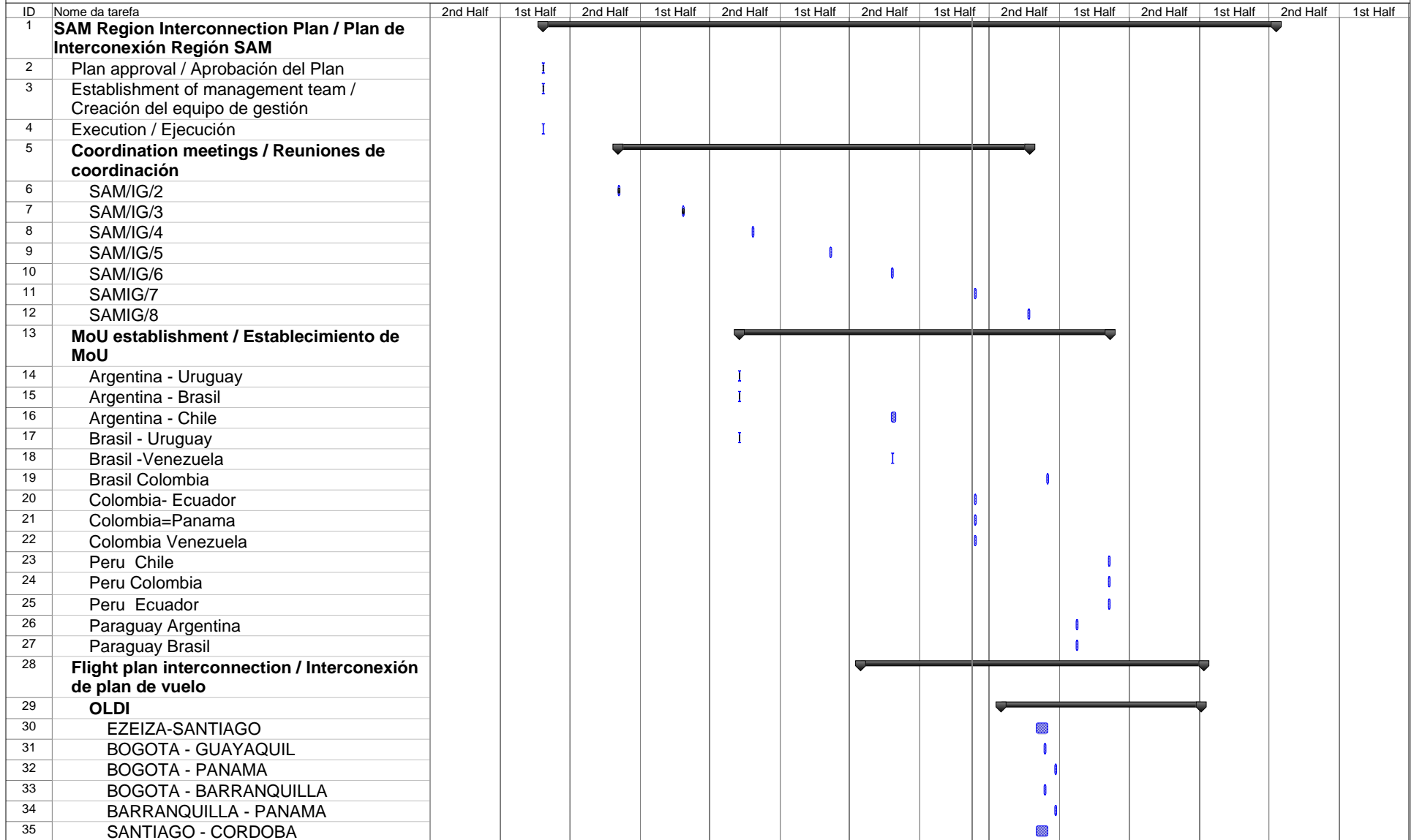
3.1 The Meeting is invited to:

- a) Take note of the information presented;
- b) Analyze the progress made in the activities for the interconnection of the automated systems specified in the MoUs signed to this end, as well as the implementation of new automated systems, and proceed with the updating of the action plan shown in the Appendix to this working paper; and
- c) Analyze any other aspects in this regard that the Meeting might deem necessary.

- - - - -

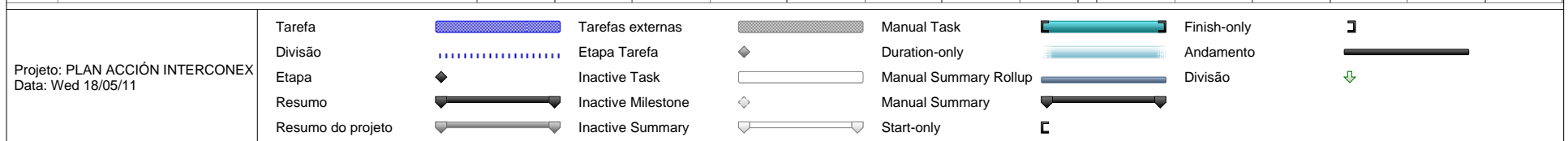
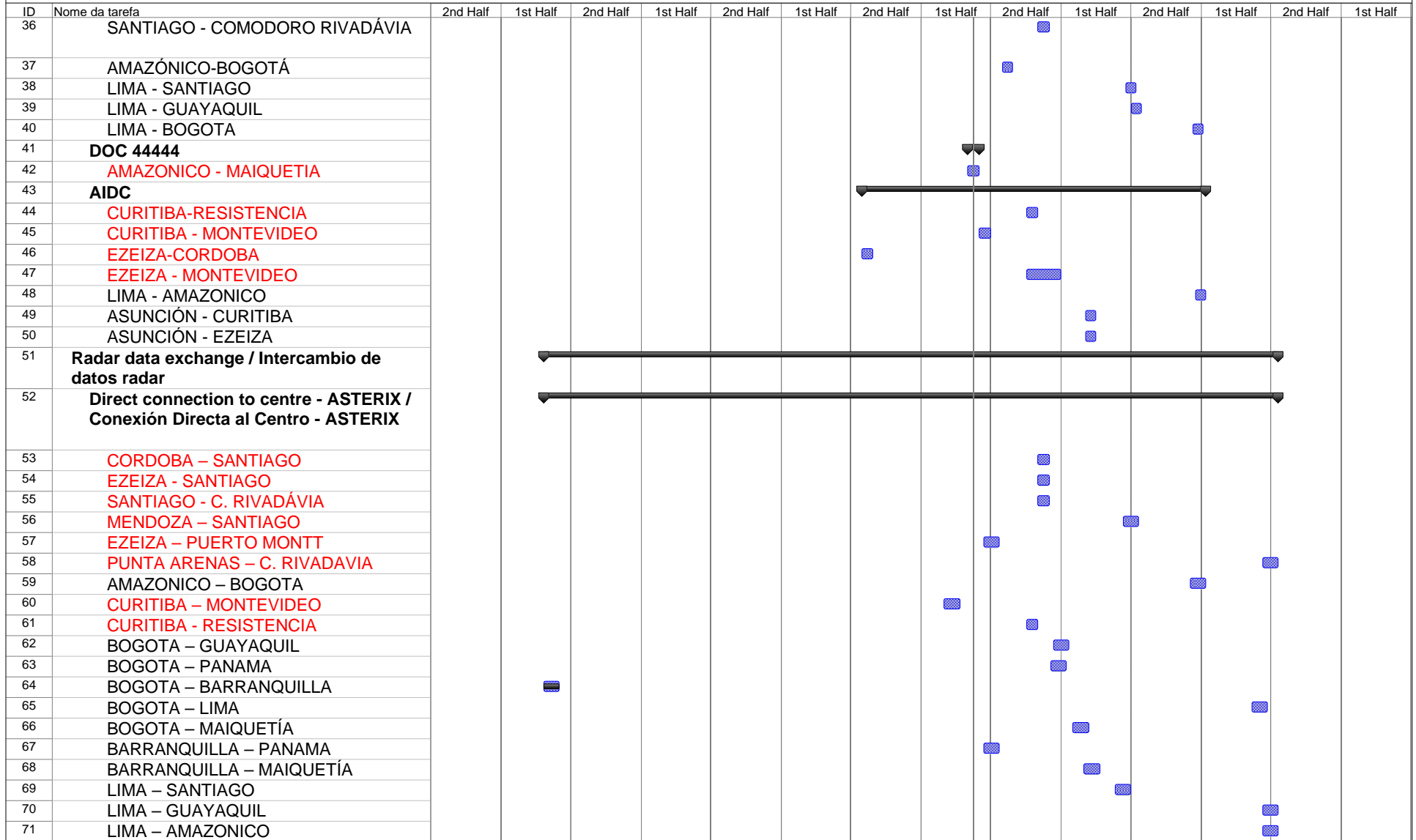
APPENDIX / APENDICE

SAM/IG/7-WP/17 NE/17



APPENDIX / APENDICE

SAM/IG/7-WP/17 NE/17



APPENDIX / APENDICE

SAM/IG/7-WP/17 NE/17

ID	Nome da tarefa	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half
72	ASUNCIÓN – CURITIBA														
73	ASUNCIÓN – EZEIZA														
74	MONTEVIDEO-EZEIZA														
75	ICD owner / ICD propietario														
76	AMAZONICO - MAIQUETIA														
77	Inter-Centro ASTERIX 62,63 (TBD)														

Projeto: PLAN ACCIÓN INTERCONEX
Data: Wed 18/05/11

Tarefa

Divisão

Etapa

Resumo

Resumo do projeto

Tarefas externas

Etapa Tarefa

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Andamento

Divisão