



**International Civil Aviation Organization**  
**South American Regional Office - Regional Project RLA/03/901**  
*REDDIG Management System and Satellite Segment Administration*  
**Eighteenth Meeting of the Coordination Committee (RCC/18)**  
Lima, Peru, 2 to 4 March 2015

**Agenda Item 2: Review of the report of the Seventeenth Meeting of the REDDIG Coordination Committee**

(Working Paper presented by the Secretariat)

<b>SUMMARY</b>	
Under this Agenda Item, the REDDIG Coordination Committee will examine the report of its Seventeenth Meeting (RCC/17), including the status of the conclusions therein formulated, as well as the status of conclusions still in force from previous coordination meetings.	
<b>Reference</b>	
Report of the Seventeenth Meeting of the REDDIG Coordination Committee (RCC/17), Lima, Peru, 24-26 March 2014.	
<b>ICAO Strategic Objective:</b>	<i>A - Safety</i> <i>B – Air navigation capacity and efficiency</i>

1. **Introduction**

1.1 The Seventeenth meeting of the REDDIG Coordination Committee (RCC/17) was held in Lima, Peru, from 24 to 26 March 2014, with the assistance of 10 member States (Argentina, Brazil, Chile, Colombia, Ecuador, France, Paraguay, Peru, Trinidad & Tobago, and Uruguay) and COCESNA, making a total of 26 participants, including ICAO officers.

1.2 The list of valid conclusions adopted by the RCC and their implementation status to date is included in the **Appendix** to this paper.

2. **Matters addressed by the RCC/17 meeting**

2.1 RCC/17 meeting dealt with the following topics: Review of the report of the Sixteenth Meeting of the Coordination Committee, Report of the activities carried out to date since the last meeting of the Coordination Committee, Work plan for year 2014, Financial situation of the project and approval of the budget for 2014, Annual project evaluation, and Other matters

***Review of the report of the Sixteenth Meeting of the Coordination Committee***

2.2 Under this Agenda Item, the meeting reviewed and approved the report of the Sixteenth Meeting of the Coordination Committee (RCC/16), held in Lima, Peru, from 18 to 20 March 2013.

***Report of the activities carried out to date since the last meeting of the Coordination Committee***

2.3 The meeting analyzed the activities carried out in 2013 which had been approved by RCC/16. The activities carried out, over which the Meeting was informed upon and that are enumerated below, were:

- a) REDDIG II implementation process;
- b) Implementation of new services;
- c) Training programme for 2013; and
- d) Logistics aspects and availability of the REDDIG.

***Work plan for year 2014***

2.4 The meeting analysed the following main activities scheduled for 2014:

- a) REDDIG II implementation process;
- b) New MEVA/REDDIG interconnection
- c) Implementation of new services; and
- d) 2014 training programme.

2.5 Conclusion *RCC/17-1 New MEVA III / REDDIG II interconnection*, was formulated.

***Financial situation of the project and approval of the budget for 2014***

2.6 Under this Agenda Item, the meeting took note of the expenses incurred by Project RLA/03/901 and the situation of cost-sharing contributions in 2013. In addition, it analysed the updated costs of the REDDIG II . Finally, it approved the 2014 budget.

2.7 Conclusion *RCC/17-2 - Approval of the budget of the Revision "S" of Project RLA/03/901*, was formulated.

***Annual project evaluation***

2.8 Under this Agenda Item, the REDDIG member States evaluated the 2013 annual project report. The evaluation produced very satisfactory results. Regarding the main achievements of the project in relation to the expected results, the States listed the following: High availability of the REDDIG; Implementation of the project has allowed to convert the network into a platform; multiservice; Interconnection circuits required by the system have enabled to lower operating costs of States; Integration of aeronautical fixed service communications at the regional level. With respect to the main issues affecting the achievement of the expected results, and how they should be addressed, the States pointed out the following: Delays in customs for the clearance of equipment and spare parts in the States.

***Other matters***

2.9 Under this Agenda Item, it was informed about the study conducted by Brazil for the restructure of their ACCs and the work being done in Brazil so the national AMHS system have a single central equipment in Brasilia; about the need to analyze the impact on the changes made in the REDDIG II; and the presentation of the RCC /18 results.

**3. Suggested action**

3.1 The Coordination Committee is invited to:

- a) Note the information in this working paper;
- b) Approve the report of the seventeenth meeting of REDDIG Coordination Committee; and
- c) Review the status of implementation of the conclusions presented in the Appendix to this working paper.

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## APPENDIX

## CONCLUSIONS ADOPTED BY THE REDDIG COORDINATION MEETINGS THAT REMAIN VALID AND THEIR STATUS OF IMPLEMENTATION

No.	Title	Content	Status	Remarks
8/8	REDDIG Administration	That, until such time that the institutional aspects related to the management of multinational systems for the provision of air navigation services are more clearly defined, the States agree that, for the next two years, starting 15 October 2005, the REDDIG will continue to be managed through the ICAO technical cooperation mechanism, as an extension of Regional Project RLA/03/901.	Valid	Whereas the establishment of the South American Air Navigation and Safety Organization, multinational system with ability to manage the REDDIG continues undefined, RCC/15 meeting (Lima, Peru, 15-17 August 2012) approved the RLA/03/901 project document substantive revision, extending the management of REDDIG until 2018.
14/1	Implementation of new ATS speech circuits in REDDIG	That, with the aim of increasing the speech communications availability currently carried out through VHF –FM links at the ATS units located in the Brazilian borders: a) The aeronautical administrations of Argentina, Bolivia, Brazil, Colombia and Paraguay prepare an action plan for the implementation of local links between the border ATS unit and the corresponding REDDIG node, to transport the ATS speech circuits indicated under this Agenda Item, paragraph 3.10, and that it be sent to the ICAO Regional Office by 30 June 2011; and b) The REDDIG administration proceeds with the configuration of REDDIG for the inclusion of these circuits.	Valid	The following circuits have been implemented: Tabatinga (Brazil) - Leticia (Colombia) Corumbá (Brazil) - Puerto Suarez (Bolivia) Foz do Iguacu (Brazil) - Cataratas (Argentina) Uruguiana (Brazil) - Paso de los Libres (Argentina) Foz do Iguacu (Brazil) - Guaraní (Paraguay)  Likewise, the implementation of the Guajaramirim (Brazil) - Guayaramirín (Bolivia) is still pending.

No.	Title	Content	Status	Remarks
15/1	Operational traffic at the MEVA II/REDDIG interconnection AFTN circuits	That, a) the aeronautical administrations of Colombia and Venezuela coordinate with the respective MEVA II member States for the completion, before 30 September 2012, of the AFTN circuit operation through the MEVA II/REDDIG interconnection circuits indicated in paragraph 3.3 of this Agenda Item, since said circuits are currently being paid to the MEVA II service provider; and b) Brazil continues coordination's with United States with the aim of completing the trials and starting the operation of the AFTN circuit, by 30 October 2012.	Valid	The AFTN circuit between Brazil and Atlanta is pending.
15/4	Payment of cost sharing contributions to Project RLA/03/901	That, a) REDDIG member States that have not yet deposited their cost-sharing contributions to RLA/03/901 Project for the years 2011 and 2012, are encouraged to do so as soon as possible to allow the normal development of project activities, and b) Likewise, States that have not yet responded to letters requesting to deposit the funds required to finance the REDDIG II, are urged to do so as soon as possible during the second half of 2012, so that ICAO can sign the contract with the company winning the tender.	Valid	Suriname has not yet cancelled its 2012 quota.
16/1	Support of the civil aviation authorities to the focal points nominated for the implementation of REDDIG II	That the REDDIG member States Civil Aviation Authorities provide the focal point(s) nominated for the implementation of REDDIG II, all necessary facilities for the conduct of all activities required for their functions.	Completed	The implementation of REDDIG II process was completed on 31 January 2015.

No.	Title	Content	Status	Remarks
16/2	Functions of the REDDIG II focal points	<p>That REDDIG member States civil aviation authorities take into account the following functions required from the focal point(s) nominated by their administration:</p> <ul style="list-style-type: none"> <li>a) Participate in follow-up meetings regarding REDDIG II implementation;</li> <li>b) Assist to courses scheduled for REDDIG II;</li> <li>c) Review and approve the SDD and other documents provided by the bid winning company;</li> <li>d) Obtain frequencies licenses from the entities in charge of the radio electrical frequency spectrum administration;</li> <li>e) Arrange for the clearance of equipment from customs;</li> <li>f) Follow-up on the activities regarding REDDIG II installations; and</li> <li>g) Participate in provisional and final acceptance tests and in the signature of the respective minutes.</li> </ul>	Completed	The focal points participated in the activities referred until the start-up of REDDIG II (February 2015).
16/3	Payment of cost sharing contributions to Project RLA/03/901	<p>That:</p> <ul style="list-style-type: none"> <li>a) Argentina, Suriname and Trinidad &amp; Tobago make the deposit of cost-sharing contributions of Project RLA/03/901 corresponding to year 2012; and</li> <li>b) Argentina, Bolivia, Chile, Paraguay, Suriname and Venezuela deposit as soon as possible the REDDIG II extraordinary quota, in order to satisfactorily finalize the process of hiring the REDDIG II and ensure continued availability of the network.</li> </ul>	Valid	Suriname has not yet cancelled its 2012 quota.

No.	Title	Content	Status	Remarks
16/5	Customs clearance updating's	That Project RLA/03/901 member States update the information concerning domestic customs clearance requirements and send it to the Project Administration by 31 May 2013, with a view to expediting the import of equipment and spare parts for the REDDIG Project.	Completed	The customs clearance process of equipment and spare parts was completed in September 2014.
16/7	REDDIG interference with IMT system	That REDDIG member States register and document any interferences at the REDDIG nodes [Fixed Satellite Service (FSS)] with International Mobile Telecommunications (IMT) system and inform of them to the local entity administrating the radio frequency spectrum, as well as the REDDIG Administration, and coordinate with the local radio frequency spectrum administration the protection of the 3.4 to 4.2 Ghz band to ensure continuous availability of the aeronautical services at this frequency band.	Completed	States took into account the suggested action and will inform the local entity administrating the radio frequency spectrum, as well as the REDDIG Administration.

No.	Title	Content	Status	Remarks
17/1	New MEVA III / REDDIG II interconnection	<p>That Project RLA/03/901 member States, in view of the new MEVA (MEVA III) network implementation and with the aim of maintaining the interconnection services operation between MEVA III network and REDDIG II, considered:</p> <p>a) Choosing the option of renting equipment by the MEVA III supplier, rather than purchasing equipment with non-recurring and recurring costs shown in Appendix E of this Agenda item;</p> <p>b) Share equitably among all States the non-recurring costs of MEVA III/REDDIG II interconnection in the nodes of Bogota and Caracas specified in Appendix E of this Agenda item; and</p> <p>c) Share the recurrent costs of network access among all States specified in Appendix E of this Agenda item.</p>	Completed	The RCC/17 approved the leasing option for the MEVAIII / REDDIG II interconnection, sharing equally the non-recurring costs specified in RCC/17 - Appendix E, Agenda Item 4.
17/2	Approval of the "S" Review budget of Project RLA/03/901	That Seventeenth Meeting of the RLA/03/901 Coordination Committee, adopted the "S" Revision of the RLA/03/901 budget, as presented in <b>Appendix B</b> , Agenda Item 5 of the report.	Completed	The "S" revision was approved in the RCC/17.