



International Civil Aviation Organization
South American Regional Office - Regional Project RLA/03/901
REDDIG Management System and Satellite Segment Administration
Twentieth Meeting of the Coordination Committee (RCC/20)
Lima, Peru, 21 to 23 March 2017

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

(Working Paper presented by the Secretariat)

SUMMARY	
Under this Agenda Item, the REDDIG Coordination Committee will review the report of its Nineteenth Meeting (RCC/19), analysing the status of the conclusions therein formulated, as well as the status of conclusions still in force from previous coordination meetings.	
Reference	
Report of the Nineteenth Meeting of the REDDIG Coordination Committee (RCC/19), Lima, Peru, 7-9 March 2016.	
ICAO Strategic Objective:	<i>A - Safety</i> <i>B – Air navigation capacity and efficiency</i>

1. Introduction

1.1 The Nineteenth meeting of the REDDIG Coordination Committee (RCC/19) was held in Lima, Peru, from 7 to 9 March 2016, with the assistance of 10 member States (Argentina, Brazil, Chile, Colombia, France, Paraguay, Peru, Trinidad & Tobago, Uruguay and Venezuela) and one international organization (SITA), making a total of 27 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/19 meeting

2.1 The RCC/19 meeting dealt with the following topics: Review of the report of the Eighteenth Meeting of the Coordination Committee, Report of the activities carried out to date since the last Coordination Committee meeting, Work plan for year 2016, Financial situation of the project and approval of the budget for 2016, Annual project evaluation, and Other matters.

Review of the report of the Eighteenth Meeting of the Coordination Committee

2.2 Under this Agenda Item, the meeting reviewed and approved the report of the Eighteenth Meeting of the Coordination Committee (RCC/18), held in Lima, Peru, from 2 to 9 March 2015, with the assistance of 9 member States (Argentina, Brazil, Chile, Ecuador, France, Paraguay, Peru, Trinidad &

Tobago, and Uruguay) and one international organization (SITA), making a total of 22 participants, including ICAO officers.

2.3 Under this Agenda Item the pending conclusions were analysed, highlighting the conclusions drawn from RCC/15 to RCC/18 regarding the delay in cancelling the cost-sharing contributions payments from the RLA/03/901 project (Conclusions 15/4, 16/3 and 18/4). In this regard, the RCC/19 Meeting considered that the delay of contributions by Suriname was affecting all the REDDIG member States in relation to the activities related to the operation and maintenance of the network, and urged Suriname to submit as soon as possible the payment in order to avoid the application of the payment delay procedure, formulated in Conclusion *RCC/19-1 Suriname cost-sharing contributions payment schedule*.

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

2.4 The meeting analyzed the activities carried out in 2015 which had been approved by RCC/18.:

- a) 2015 training programme;
- b) REDDIG II operations and analysis on the implementation of the new services; and,
- c) MEVA III / REDDIG II interconnection installation and operation.

2.5 Under this Agenda Item, the following Conclusions were formulated: Conclusion *RCC/19-2 - Confirmation of implementation of new circuits in the MEVA III / REDDIG II interconnection by involved REDDIGII member States* and Conclusion *RCC/19-3 – Registration of VSAT stations for fixed-satellite service (FSS) for aeronautical use at MIFR (Master International Frequency Register)*.

Work plan for year 2016

2.6 The meeting analysed the following main activities scheduled for 2016:

- a) REDDIG II training programme; AND
- b) REDDIG II operation and analysis on the implementation of new services.

2.7 Under this Agenda Item, was formulated the Conclusion *RCC/19-4 Review to the LEVEL 3 SLA*.

Financial situation of the project and approval of the budget for 2016

2.8 Under this Agenda Item, the Coordination Committee received information about the expenses incurred by the RLA/03/901 Project and the status about the cost-sharing contributions during the 2015, proceeding then with the approval of the budget for 2016.

2.9 Under this Agenda Item, was formulated that Conclusions *RCC/19-5 Approval of the Project RLA/03/901 budget revision*.

Annual project evaluation

2.10 Under this Agenda Item, the REDDIG member States evaluated the 2015 annual project report and considered that, in general terms, the objective and scope of the Project were adequate, and that they were being complied with appropriately.

Other matters

2.11 Under this Agenda Item, the Meeting analyzed the need to conduct a safety study on the REDDIG II, the expansion of monitoring at the services level and the study to analyze additional spare parts requirements for the REDDIG II.

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 Nineteenth meeting of REDDIG Coordination Committee; and
- c) Review the status of implementation of the conclusions presented in the Appendix to this working paper.

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, the RCC/15 meeting (Lima, Peru, 15-17 August 2012) approved the RLA/03/901 project document substantive revision Q, extending the management of REDDIG until 2018 .
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.	Completed	a) Completed. The AFTN circuits in the MEVA III / REDDIG II interconnection for Colombia and Venezuela were implemented and are operatives. b) The circuit between Brazil and Atlanta via the MEVA III / REDDIG II interconnection is operation since mid-2016. Between Brazil and USA is being coordinated the migration of this circuit in AMHS.

No.	Title	Content	Status	Remarks
15/4	Payment of cost sharing contributions to Project RLA/03/901	<p>That,</p> <p>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</p> <p>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.</p>	Completed	<p>a) Completed. All the member States cancelled the 2011-2012 shares. Suriname paid USD 80,000 as part of the total pending cost-sharing contribution including the share of 2012 (see WP05).</p> <p>b) Completed. All the REDDIG member States deposit the funds required, corresponding to the contract for the implementation of the REDDIG II.</p>
16/3	Payment of cost sharing contributions to Project RLA/03/901	<p>That:</p> <p>a) Argentina, Suriname and Trinidad & Tobago make the deposit of cost-sharing contributions of Project RLA/03/901 corresponding to year 2012; and</p> <p>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.</p>	Completed	<p>a) Completed. All member States with pending debts til 2012 were paid. Suriname paid in July 2016, the quota corresponding to year 2012 (see WP05)</p> <p>b) Completed. All member States with pending debts regarding the extraordinary quota were done.</p>

No.	Title	Content	Status	Remarks
18/1	Registration process at the national entities that manage the spectrum, of the REDDIG II equipment and frequencies	<p>That, REDDIG II member States:</p> <p>a) That still have not complete the process of registration of the frequencies and equipment at the entities that manages the national frequencies spectrum, carry out the procedure not later than 29 May 2015, forwarding a copy of registration forms to ICAO SAM Regional Office by 12 June 2015; and</p> <p>b) Those States that have already registered REDDIG II frequencies and equipment send a copy of the forms by 31 March 2015.</p>	Valid	<p>At the RCC/18 meeting, was informed that only Argentina, Chile and Guyana had registered the equipment and frequencies, and that Brazil, Ecuador, Peru, Trinidad & Tobago and Uruguay had only started the process.</p> <p>At the RCC/19 meeting, Argentina presented the registration form of its REDDIG II equipment and frequencies to the CNS; likewise Chile presented the letter by which SUBTEL provides permission for the use of the frequency.</p> <p>Venezuela informed during the RCC19 that has proceed with the registration of its frequencies and REDDIG equipment to CONATEL.</p> <p>All REDDIG II Member States (excepting Argentina and Chile), were urged to send to the ICAO SAM Office the registration form presented to the entities that manages the national frequencies spectrum. Likewise, all REDDIG Member States to make the corresponding procedure for the registration of the REDDIG II stations before the MIFR.</p> <p>It is expected that during the RCC/20, the States that have note register the REDDIG equipment's and frequencies, report their progress on this activity.</p>
18/4	Delay in the payment of cost sharing contributions to the Project RLA/03/901 - Suriname	That the Secretariat takes the necessary actions to inform Suriname about the need to comply with the payment of cost sharing contributions in order that the REDDIG project has the necessary funds for the network management; among the actions to be taken are considered the delivery of a communication, having a teleconference with all the member States of the project or a high level visit to the State.	Valid	Suriname has still not cancelled its contributions since 2013 onwards. Suriname cancelled part of the debt on 19 July 2016.

No.	Title	Content	Status	Remarks
18/5	Provision of equipment and spare parts of the REDDIG I	That the secretariat explores the possibility of having the equipment and spare parts of the REDDIG I, both for their sale and other figures that could manifest and report the results to all Member States of the Regional Project RLA/03/901 by the beginning of the second semester of the 2015.	Completed	Replies were received from Bolivia, Brazil, Chile, Ecuador, Suriname, Trinidad & Tobago and Uruguay. The sale process was dismissed.
19/1	Suriname cost-sharing contributions payment schedule	That, Suriname with the aim of complying with full payment of its 2012 to 2016 cost-sharing contributions, present a payment schedule in this regard, in order to avoid the application of the payment delay procedure indicated by the ICAO SAM Regional Office through letters SA5033 and SA5192 of 21 January and 7 March 2016, respectively.	Valid	Suriname presented a payment schedule and on mid-2016 paid part of the pending contributions, leaving a pending amount to deposit of USD 189,260 TIL 2016, not including the 2017 contribution quota.
19/2	Confirmation for implementation of new circuits in the MEVA III / REDDIG II interconnection by involved REDDIG ii MEMBER States	That Brazil, Colombia, Peru, Trinidad & Tobago and Venezuela confirm feasibility of implementing the new circuits indicated in paragraph 3.30 of this Agenda Item, in the MEVA III/ REDDIG II interconnection as well as the estimated date of implementation not later than 29 April 2016.	Valid	<p>Even when the mentioned States haven't confirmed feasibility of implementing the circuits, they have begun with some related activities.</p> <p>Brazil started the coordination with the United States for the migration for the AFTN circuit to AMHS between Brasilia and Atlanta.</p> <p>Between Colombia and Panama, a circuital configuration in the MEVA III / REDDIG II interconnection was established and on the week of March 13 the will start with the tests.</p> <p>A hot line was implemented between the Maiquetia AAC (Venezuela) and the San Juan de Puerto Rico AAC.</p>

No.	Title	Content	Status	Remarks
19/3	Registration of VSAT stations for fixed-satellite service (FSS) for aeronautical use at MIFR (Master International Frequency Register)	<p>In order to ensure adequate protection to the operating frequencies of REDDIG II as well as the frequencies of VSAT stations for aeronautical use at the national level, REDDIG member States:</p> <p>a) That still have not proceeded to registration of frequencies and REDDIG equipment as well as the frequencies of its VSAT stations for aeronautical use, in case that exists the respective national entities that manage the spectrum of radio frequency, do so as soon as possible and send the registration forms to the ICAO SAM Office.</p> <p>b) Ensure that national entities that manage the radio frequency spectrum recorded operating frequencies of each REDDIG II station as well as frequencies of VSAT networks for local aeronautical use, in case they had it, to the UIT Master International Frequency Register (MIFR) and report the process to SAM Office.</p>	Valid	It is expected that the REDDIG II Member States that still have not proceed to register the VSAT and MIFR stations, provides an update during the RCC/20.
19/4	Review to the Level 3 SLA	That, REDDIG member States examine the contents of the Service Level Agreement (SLA) established between the ground network services provider (LEVEL 3) and ICAO, shown in Appendix D to this Agenda Item and submit their comments to the ICAO SAM Regional Office no later than 29 April 2016.	Completed	No comments were received so the SLA was considered approved.
19/5	Approval of the project RLA/03/901 budget Revision	That, the Nineteenth Meeting of the Coordination Committee of Project RLA/03/901 approves Revision S to project RLA/03/901 budget, as shown in Appendix B to the Report on Agenda Item 5.	Completed	The RCC/19 Meeting approved the 2016 budget.