

**INTERNATIONAL CIVIL AVIATION ORGANIZATION
South American Regional Office**

**RLA/03/901 REGIONAL PROJECT
SAM REDDIG**

ELEVENTH MEETING OF THE COORDINATION COMMITTEE (RCC/11)

(Lima, Peru, 5-6 May 2008)

Agenda

Item 1: Review of the Report of the Tenth Coordination Meeting

**REVIEW OF THE REPORT OF THE TENTH MEETING OF THE REDDIG
COORDINATION COMMITTEE**

(Paper presented by the Secretariat)

Resumen

Under this agenda item, a review of the report of the Tenth Meeting of the REDDIG Coordination Committee will be done, analyzing the status of conclusions formulated in the same, as well as the status of conclusions still in force, formulated in previous coordination meetings.

Background

Report of the Tenth Meeting of the REDDIG Coordination Committee, held in Lima, Peru, on 5 - 7 March 2007.

1. Introduction

1.1 The tenth meeting of the REDDIG Coordination Committee (RCC/10), was held in Lima, Peru, from 5 to 7 March 2007, with the participation of nine (09) States from the Region (Argentina, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Trinidad and Tobago and Venezuela) totaling 22 participants, including ICAO Officers. The Meeting analyzed the report of the ninth coordination meeting RCC/9, the status of conclusions still in force, activities carried out, programme of future activities of the project, financial situation of the project, project annual report and other issues. Likewise, **Appendix A** to this Working Paper presents a list containing RCCs conclusions still in force.

2. Issues treated in the RCC/10

Review of the Ninth Coordination Meeting

2.1 The Meeting reviewed the results of the previous meeting (RCC/9) carried out in Lima, Peru, on 23/24 March 2006, in which the following issues were analyzed: state of implementation of conclusions of previous RCCs, activities carried out; financial situation of the project, and programme of activities for year 2006.

Report of activities carried out

2.2 Under this issue, RCC/10 was informed about activities carried out since the last meeting, such as the elaboration of a procedure to evaluate the competence of NCC operators as well as the specialized network support, the implementation of the REDDIG Second Technical – Operative Meeting, carried out in Manaus, from 21 to 22 September 2006, the implementation of a new REDDIG node in Trinidad and Tobago, MEVA II/REDDIG VSAT networks interconnection activities progress, the execution of operational tests through the implementation of new circuits (Maiquetía Manaus and Ezeiza Lima), the elaboration of a procedure to register administrative services and give follow up to logistic operations (OR) of nodes equipment as well as spare parts lot equipment, and the establishment of considerations for speeding up logistic processes, the creation of an Ad-hoc group in charge of elaborating an integral training plan for technical personnel of the REDDIG nodes. Under this item, Conclusion RCC10/1 was formulated *Speed up of logistic processes in REDDIG member States*.

Work programme for 2007

2.3 Under this agenda item, the Meeting approved the work programme for year 2007, with the following activities: hardware and software improvement through the purchase of (6) SUN stations (without monitors), Linkway FR&IP Software update, one-year software maintenance, support from ViaSat factory, elaboration of an IP Applications course in Bogota, Colombia, preparation of an integral training plan by an ad-hoc group conformed by Argentina, Brazil, Chile, Peru and Venezuela, and continuation of activities for the implementation of MEVA II/REDDIG interconnection.

2.4 Under this item, three conclusions were formulated, conclusion RCC 10/2 *Creation of an ad-hoc group to prepare an integral training plan for REDDIG nodes technical personnel*; conclusion RCC 10/3 *Extension of project RLA/03/901 duration*, and conclusion RCC 10/4 *Hiring of network technical specialized support*.

Financial situation of the project

2.5 Under this agenda item, the Meeting received the detailed breakdown of expenses incurred by the project during 2006 as well as cost-sharing contributions situation. Also, budget for year 2007 was analyzed.

2.6 The Meeting took note of outstanding contributions for 2006 from Guyana and Suriname. In this regard the Meeting, in view that ICAO had sent three reminders to the mentioned States for depositing the respective payment, considered to send them a new reminder and, in case outstanding contributions were not deposited, the procedure established for delayed payment of cost-sharing contributions will be put into effect, which last action consists in the total suspension by an indefinite time of all satellite PVC circuits of the referred nodes.

2.7 Regarding 2007 budget, the meeting was informed that the budget for 2007 totals approximately USD 645,000, which should be executed with remaining funds of the project (+ USD450,000) plus contributions for year 2007 and pending 2006 contributions

2.8 Under this item, three conclusions were formulated, conclusion RCC 10/05 *Activation of actions established for cases of delayed deposit of contributions for Guyana and Suriname*, conclusion RCC 10/6 *Deposit of cost-sharing contributions to project RLA/03/901*, and conclusion RCC 9/07 *Review of project RLA/03/901 budget*.

Project annual report

2.9 Under this agenda item, States members of the REDDIG evaluated the project annual report. The result of the evaluation was satisfactory. The following were REDDIG achievements during 2006: high availability of REDDIG operation, installation of a new REDDIG node in Trinidad and Tobago, establishment of a PCV circuit between Maiquetía and Manaus for trials of radar and flight plans data exchange, and the implementation of Linkway 2100 MODEM course.

2.10 Among the principal problems encountered in year 2006, it can be mentioned: lack of cost-sharing contributions payment by Guyana and Suriname, excessive delays in some of the REDDIG member States in the delivery and receipt of parts and equipment needing repair, and, last, lack of a network specialist support in the Manaus NCC for the REDDIG Administration.

Other issues

2.11 Under this agenda item, the RCC/10 considered the convenience that the project be object of an external audit in view that this had been under operation for several years. Also, the Meeting took note of the free offering from the delegate of Brazil of software for the processing of radar signalling (X4000).

2 Suggested action

3.1 The Coordination Committee is invited to:

- a) take due note of the information included in this working paper;
- b) approve the report of the Tenth Meeting of the REDDIG Coordination Committee
- c) analyze the status of implementation of conclusions being presented in **Appendix A** to this working paper.

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 6/3	Pending works from some States regarding the backup network and SBAS augmentation for CSTB	<p>That, as matter of urgency:</p> <p>a) to facilitate the implementation of the backup network, Bolivia, Chile, Ecuador, Guyana, Paraguay, Suriname and Venezuela complete, as soon as possible, the communication installations indicated in Appendix A to the report of this agenda item, and</p> <p>b) Chile and Colombia complete, as soon as possible, the communications links between the CSTB installations and the corresponding REDDIG node.</p>	<p>a) Valid b) Completed</p>	No backup circuits have been yet installed in the mentioned nodes.

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 8/2	Replacement of the hardware and upgrading of the software of the Linkway NCC/NMS Frame Relay equipment of the REDDIG	<p>a) That the REDDIG Administration prepare a plan for the replacement of the hardware and software of the equipment Linkway NCC/NMS Frame Relay & IP, and that this be distributed to the Status members of the REDDIG for consideration and comments.</p> <p>b) That this plan be included within the budget of year 2006, which should be submitted for the consideration and approval of the next meeting of the Coordination Committee of the REDDIG.</p>	Valid	Implementation cost was determined and informed to States through letter SA5499 dated 6 June 2005. The RCC/10 took note that the purchase of corresponding equipment and services would be done during year 2007 once the specialized network support technician is available. In July 2007 a new quotation for the equipment was requested, which totals 119,400 Dollars.
RCC 8/4	Annual training programmes	That the REDDIG Administration, in order to warranty an homogeneous training of personnel in charge of maintenance of each REDDIG node, regarding technology advances of equipment conforming the REDDIG, present to the next REDDIG Coordination Meeting a training program that includes the kind of courses necessary, as well as the cost for carrying out these courses to be charged to the project.	Valid	A form indicating type of required training was elaborated and distributed to all REDDIG member States. A training plan will be elaborated based on these results.

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 8/8	REDDIG Administration	That, while the institutional aspects related to the administration of multinational systems for the provision of air navigation services can be more clearly defined, the States agree that the REDDIG administration for the following two years, starting 15 October 2005, continue to be under the mechanism of ICAO technical cooperation, as an extension of regional project RLA/03/901.	Valid	REDDIG Administration has been prolonged up to 31 December 2010, date in which it is expected that the OMR is implemented.
RCC 9/1	Implementation of pending circuits to complete the REDDIG backup network	That Chile, Guyana, Paraguay, Suriname and Venezuela implement, as a matter of urgency, the corresponding circuits necessary to complete the REDDIG earth backup network.	Valid	
RCC 9/2	System for the definition and control of REDDIG NCC technical personnel qualifications	That, with the aim of improving the quality of the services provided to the REDDIG Manaus and Ezeiza management nodes, The REDDIG Administrator develops and implements, before 30 April 2006, a system for the definition and control of qualifications of NCC human resources, on the basis of appropriate education, formation, abilities and experience. The administrations of Brazil and Argentina will make all efforts possible to ensure that appropriate education is provided or take other actions to satisfy the needs for proper qualification.	Completed	A system for definition and control of competences of NCC human resources has been elaborated and implemented, based in education, training, abilities and appropriate experience.

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 9/3	Alternatives to improve REDDIG spare parts logistics	<p>That, with the aim of speeding logistics for the storage, remittance and reception of REDDIG spare parts, the administrations of Argentina, Brazil y Peru will:</p> <p>a) Study alternatives at their States for the establishment of a REDDIG tax-free spare parts storage area; and</p> <p>b) Inform ICAO before 30 June 2006 on the result of its work, as well as the procedures necessary to implement this, and the human resources and material available to guarantee an appropriate management of the REDDIG spare parts lot.</p>	Completed	Only Peru committed to storing, delivery and reception of spares. In meetings between ICAO and CORPAC, it was determined that the process that ICAO was following for storing, delivery and reception of REDDIG spares was adequate, and that no additional benefits will be attained if this process would be carried out by CORPAC.
RCC 9/5	Deposit of RLA/03/901 project cost-sharing contributions	That REDDIG member States carry out as soon as possible corresponding arrangements for the deposit of their cost-sharing contributions to RLA/03/901 project before 1 July 2006.	Valid	Contributions from Guyana and Suriname are still pending

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 9/7	Regional IP Addressing Plan	That the ICAO Regional Office, in coordination with the activities being carried out by ICAO and GREPECAS CNS Committee ATM/CNS Subgroup, study and propose to the States member of the REDDIG a Regional IP Addressing Plan that permits the ordered regional connection of fix aeronautical services (AMHC/AIDC) as well as others that may appear that use this network platform.	Valid	The ATN task force has included this activity in its work programme.
RCC 9/8	Extension of project RLA/03/901	That ICAO prepare for consideration of State members of the REDDIG a draft of project RLA/03/901 extension proposal to be reviewed and analyzed before the next REDDIG Coordination Meeting.	Completed	The project was extended up to 31 December 2010.
RCC 10/1	Expedite logistic processes on REDDIG State members	That, in order to expedite and to facilitate follow up of spare parts import/export as well as the shipment and return of equipment for repair, the REDDIG States members: a) name a person as administrative-logistic focal point, and send this information to the ICAO South American Office before 30 April 2007, and b) investigate and study, jointly with the REDDIG Administration, mechanisms that could be applicable in order to make substantially more expedite the processes of spares and equipment import/export.	Valid	Not all the REDDIG members have informed the name of the person acting as focal point for logistic and administrative actions. As of to date, no effective mechanism for speeding up import/export processes of equipment and spares has been implemented.

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 10/2	Creation of an Ad-Hoc group intended to prepare an integral training plan for REDDIG nodes technical personnel	Argentina, Brazil, Chile, Peru and Venezuela will conform an ad-hoc group to prepare an integral training plan for REDDIG nodes technical personnel, in accordance with the terms of reference presented in Appendix B to this part of the report.	Valid	The group prepared a training form that was distributed to all REDDIG members. The training plan based in the answers received from the REDDIG member States is still pending.
RCC 10/3	Extension of the duration of project RLA/03/901	That ICAO prepares for the consideration of the next REDDIG Coordination Meeting a budget revision of the project in order to extend its duration up to 31 December 2010. In case the MRO is conformed before this date, the REDDIG State members could request ICAO the transference of project RLA/03/901 resources to the MRO.	Valid	During the RCC/11, results of Meetign AI/TF/3 will be presented.

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 10/4	Hiring of a network specialized technical support	That ICAO proceeds as soon as possible to hire in Manaus network specialized support technician with the post definitions described on Appendix B to this part of the report.	Valid	<p>A professional candidates selection process was carried out in Manaus for the hiring of the specialized network support technician.</p> <p>In this regard, REDDIG Administration considered that the specialized network support technician would not be hired under a daily basis but only to attend specific needs.</p>
RCC 10/5	Activation of actions foreseen in procedure in cases of delayed deposits of cost-sharing contributions of Guyana and Suriname	Considering that Guyana and Suriname still have pending cost-sharing contributions to project RLA/03/901 for year 2006, in case that the deposit of these contributions is not received before 1 July 2006, the REDDIG Administration would proceed to the application of the actions foreseen for cases of delayed deposit of cost-sharing contributions.	Completed	Guyana and Suriname have deposited their outstanding contributions for year 2006.

CONCLUSIONS IN FORCE ADOPTED BY THE RCC				
Conclusion	Title	Content	Status	Remarks
RCC 10/6	Deposit of RLA/03/901 project cost-sharing contributions	That REDDIG member States carry out as soon as possible corresponding arrangements for the deposit of their cost-sharing contributions to RLA/03/901 project before 1 July 2007.	Valid	Not all REDDIG member States have deposited their cost-sharing contributions corresponding to 2007. Suriname and Guyana are pending.
RCC 10/7	Revision of RLA/03/901 project document budget	The budget established as RLA/03/901 project Revision I is approved as presented in Appendix A to this part of the report.	Achieved	