

INTERNATIONAL CIVIL AVIATION ORGANIZATION
South American Regional Office

UNDP/ICAO REGIONAL PROJECT RLA/98/019
IMPLEMENTATION OF SAM DIGITAL NETWORK (REDDIG)

FOURTH MEETING OF THE COORDINATION COMMITTEE

(Lima, Peru, 30 – 31 January 2003)

Agenda item 1: **Revision of the report of the third meeting**

(Paper presented by ICAO)

1. Report of the third meeting of the Coordination Committee

1.1 The third meeting of the Coordination Committee was carried out in Lima, Peru, from 6 to 7 November 2002, with the participation of eight States of the region. In the meeting, it was informed about the activities carried out since the second coordination meeting, such as:

- Amendment to the REDDIG contract for the purchase of additional equipment (antenna feeder, power distribution boards and redundancy switch).
- Details about the communication expert contract.
- Obtaining of operation licences for the REDDIG nodes.
- Registries of the REDDIG stations and authorization of the access to the satellite with PanamSat.
- Follow up of the FIR Amazonica implementation.
- Installation of the REDDIG antennas.
- Update of the UPS information in the REDDIG nodes.
- Arrangements for the customs clearance process of the inside equipment (IDU) and power distribution boards (PDB) and installation.
- Installation of the power distribution boards.
- Digital interfaces of voice and circuits of the REDDIG backup network.
- Negotiation of the contract with Panamsat for the rental of satellite segment.
- Plan for the Installation, Commissioning, Training, PSAT and NAT.
- Training courses.
- WEB page of project RLA/98/019.

1.2 Likewise, an analysis of the financial situation of the project was presented, as well as a detailed breakdown of expenses incurred by the project RLA/98/019 up to 30 September 2002, including planned expenses up to 31 December 2002.

1.3 The Coordination Committee took into consideration the report of the Task Force established during RCC/2 Meeting to discuss the options for the management of the REDDIG, with the

purpose of creating as soon as possible a multinational mechanism for the definite management of the REDDIG, and of facilitating the network operation while the scheme is developed.

1.4 Likewise, the management nodes of the REDDIG were established, a provision in the new project budget for the establishment of a spare parts pool was requested, the way of distributing shared costs of the new project was defined, the payment mechanism to cover the satellite segment was established, and the incorporation of CNS/ATM applications in the REDDIG platform was requested.

1.5 Future project activities were also informed to the meeting, regarding the installation and start up of the REDDIG, the coordination with the States for the training courses and the installation process of the indoor equipment, start up, visits and related documents.

1.6 The Report of the Third Meeting of the Coordination Committee of Project RLA/98/019, carried out in Lima, Peru, from 06 to 07 November 2002, was distributed to the States with letter No. SA6558 dated 13 December 2002.

1.7 In Appendix A conclusions adopted by the meeting are being included.

2. **Suggested action**

2.1 The Coordination Committee is invited to take due note of the information included in this working paper of the Third Meeting of the Coordination Committee as a basis for discussions of the next agenda items.

**CONCLUSION RCC3/1 ICAO TECHNICAL COOPERATION PROJECT
FOR THE MANAGEMENT OF THE REDDIG**

That ICAO prepare and present to the States for revision and comments a technical cooperation project document which objective would be that of assisting in the creation, as earliest as possible, of a multinational mechanism for the definite management of the REDDIG, and to facilitate the operation of the network while this scheme is being developed.

CONCLUSION RCC3/2 DEFINITE MULTINATIONAL AGREEMENT

That the States of the SAM region take the necessary steps to support the ICAO technical cooperation project for the establishment of a definite multinational agreement for the management of the REDDIG in order that this objective could be achieved as soon as possible and within a period of no more than two (2) years.

**CONCLUSION RCC3/3 DESIGNATION OF THE MANAGEMENT NODES
OF THE REDDIG**

a) The Network Control Centres (NCC) of the REDDIG will be established in the Nodes of Buenos Aires (SAEZ) and Manaus (SBMN) and, in case of contingency, in the Nodes of Montevideo (SUMU) and Bogotá (SKED) respectively; and

b) In case that one of the pertinent States would like to install NCC nodes in SUMU and SKED, this should not imply additional costs to the project.

**CONCLUSION RCC3/4 ALTERNATIVE SOLUTIONS TO IMPLEMENT
THE NCC IN MANAUS**

In order to implement the NCC in Manaus, that Project RLA/98/019 should study in coordination with contractor SEEE, alternative solutions for the transference of the NCC from Lima to Manaus in benefit of the REDDIG management and operation.

**CONCLUSION RCC3/5 BUDGETARY PROVISION FOR THE SPARE
PARTS OF THE REDDIG**

a) The project should have a budgetary provision for the establishment of a pool of spare parts in order that this can be administered by the future project for the REDDIG management; and

- b) The States that request spare parts should deposit in the project account the cost of those spare parts and the expenses the project incurred for their shipment and nationalization.

CONCLUSION RCC3/6 DISTRIBUTION SCHEME OF SHARED COSTS

That ICAO consider the following for the establishment of the project budget and the distribution of shared costs:

- a) The costs of satellite segment rental would be distributed initially taking in consideration the bandwidth used by each node shown as **Appendix A** to this item, and, afterwards, taking as a basis the real traffic of the nodes;
- b) The other project costs would be distributed in equal parts for each node.

CONCLUSION RCC3/7 CONTRIBUTION OF THE STATES FOR THE PAYMENT OF THE SATELLITE SEGMENT

- a) The contributions of the States to the new project should permit that ICAO Technical Cooperation covers the costs of annual rental of the satellite segment, including possible fines in case of an eventual interruption of the contract, before the established date of the contract.
- b) ICAO will consider the subscription of a rental contract that offer the best possible profitability and the least initial investment, with the possibility of making modifications or cancelling it in the moment when it is necessary.

CONCLUSION RCC3/8 DEVELOPMENT OF CNS/ATM APPLICATIONS

That the future technical cooperation project ensures the coordination between the REDDIG and Project RLA/98/019, Transition of CNS/ATM Systems in the CAR and SAM Regions, for the development of applications such as AMHS or other, in order that these be implemented in the REDDIG platform.