

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

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

THIRD MEETING OF THE COORDINATION COMMITTEE OF THE REDDIG (RCC/3)

(Lima, Peru, 6 to 7 November 2002)

(Presented by the Secretariat)

**INSTITUTIONAL FRAMEWORK FOR ALL MULTINATIONAL ARRANGEMENTS
IN THE CAR/SAM REGIONS**

Summary

This information paper presents the draft of the working paper being prepared by project RLA/98/003 to be presented to the GREPECAS/11 Meeting, on the regional framework to be given to multinational arrangements in the CAR/SAM Regions.

1. Introduction

1.1 It is presented for the information of the Third Meeting of the Coordination Committee of the REDDIG Appendix A, which is the last draft of the working being elaborated by the regional project RLA/98/003, Transition to the CNS/ATM System of the CAR/SAM Regions, about the institutional framework to be given to multinational arrangements to facilitate the administration and coordination of existing multinational facilities.

2. Purpose

2.1 This information is being handed to the meeting as complementary information of the Report of the First Meeting of the Task Force of the REDDIG.

Agenda Item x):

**Institutional Framework for all multinational arrangements
in the CAR/SAM Regions.**

Summary

The value of using multinational arrangements for the provision of facility and services has been recognized by all concerned over the years but unless these arrangements are organized into a Regional Framework, their proliferation will complicate their administration, coordination and related cost. To this effect, recognizing the specific nature of REDDIG, and the existing interim arrangements, GREPECAS should undertake to develop an institutional framework within which all multinational facilities and services would be administered to facilitate the administration and coordination.

Introduction.

The value of using multinational arrangements for the provision of facilities and services has been recognized by all concerned and strongly encouraged to not only achieved operational efficiencies but also to assist in the sharing of costs and benefits. Furthermore, many of these services associated with the new technologies far exceeds traditional boundaries and as such could not be envisaged in other than a cooperative agreement. Recognizing that as the transition to the “Global Seamless ATM” is implemented, more and more of these services will be introduced and as such, an “Institutional Framework” within which these services could be administered must be developed to protect against duplication of Administrative arrangements and complication in managing and coordinating the services on a day to day basis.

Discussion.

REDDIG is but one of the forthcoming multinational facilities and services to be introduced in the next few years. Recognizing the specific nature of REDDIG and the interim administrative arrangements GREPECAS should make appropriate arrangements to develop an Institutional framework within which REDDIG and all

further multinational facilities and services should be administered. This type of approach would provide for a common approach to operating, managing, controlling and maintaining the facilities while still having a strong involvement of user/provider States through some form of board of directors and an executive body.

Operation.

Considering the decentralized nature of many of the multinational facility and services some form of centralized fault detection, corrections and coordination is necessary to preserve the integrity of the systems and ensure continuity of the service. This would eliminate the lengthy process that would otherwise result from the determination of the faulty elements and the selection of the most appropriate resolution giving due regard to quality of service rather being wrapped into lengthy discussion as to who is responsible and how it should be fixed.

Management.

Considering the inter-relationship of the multinational facilities and services used in the establishment of the "Global Seamless ATM" an executive body should be established to ensure that all elements are well coordinated, that the financing is adequate including the collection of money to sustain and augment as necessary, the facilities and services. This might even include some cross subsidization when the cost is incurred in one services, but benefits derived from another.

The packaging of facilities and services will make the setting of user charges easier and the billing and collection process more efficient by producing one single bill covering many States and facilities and services.

Control.

Through appropriate arrangements, the participating States would still be directly implicated in the high level planning and administration of the facilities and services (Board of Directors) but the day-to-day operations would be delegated to an executive body responsible for the management, operations and maintenance of the facilities and services.

Propositions.

Considering the varied facilities and services that will be required and the specific nature of each one, GREPECAS should conduct the appropriate study to determine what would be the most appropriate Regional Framework to accommodate these different facilities recognizing their specificity (infrastructure, personnel, financing, etc.) and the fact that they are part of a whole. Failing to do so, would create a proliferation of costly administrative, management and operational arrangements that would not be conducive to system efficiencies. In line with the above, the following resolution has been formulated:

Resolution: Regional Institutional Framework for multinational facilities and services.

That GREPECAS:

- 1) Takes the actions in order to establish a common policy and methodology to analyze the interim solutions for the implementation of these multinational installations/services, which are already in an advanced stage of implementation, so as to make it possible to harmonize them in the future and incorporate them into the macro-regional multinational organizational proposal; and
- 2) Through its subordinate bodies, studies the development of an institutional framework within which all regional multinational facilities and services should be administered, managed and operated.