



International Civil Aviation Organization
South American Regional Office – Regional Project RLA/03/902
Transition to GNSS/SBAS in the CAR/SAM Regions –SACCSA–Phase III
Ninth Meeting of the Coordination Committee (RCC/9)
Lima, Peru, 1-4 July 2013

Agenda Item 2: Report of the activities conducted to date since the eighth Coordination Meeting and status of implementation of work packages

PROJECT ACTIVITIES

(Presented by the Secretariat)

SUMMARY	
This working paper summarises the relevant activities carried out since the last meeting of the Coordination Committee (RCC/8).	
References:	
<ul style="list-style-type: none">• RLA/03/902 Project Document, Revisions L and O• Report of the eighth Meeting of the Coordination Meeting of Regional Project RLA/03/902 (Mexico, 28 May to 1 June 2012)	
ICAO Strategic Objectives	<i>This working paper is related to strategic objectives: A. Safety C. Environmental protection and sustainable development of air transport</i>

1. Introduction

1.1 Since the last Meeting of the Coordination Committee (RCC/8), held in Mexico from 28 May to 1 June 2012, there have been several important developments, some planned and as a follow-up to conclusions, and some unexpected ones. However, in all cases, appropriate action has been taken to meet project objectives, trying not to affect the implementation timetable. This paper briefly describes the most relevant activities.

2. Description of activities

2.1 *Contracting of Work Packages*

2.1.1 Pursuant to Conclusion 3 of RCC/8, arrangements were made to contract the second group of Work Packages of Phase IIIA for a total of US\$100,000.00 through amendment III to Contract 22500566 (Group A.2 in Table 1).

2.1.2 Some factors that affected contract timing were the change in AENA authorities and the letter sent by that institution informing that it would not continue contributing to the project under the existing conditions, as discussed in another working paper.

2.1.3 Due to the above, the enterprise GMV was hired. In order not to delay project implementation, this company agreed to execute the Work Packages of the cited Group of tasks and present the results at the RCC/9, where Project members would decide over the approval of payment for the work done.

Paquete de Trabajo	SEGUNDO BLOQUE A CONTRATAR	TOTAL	FASE III A		FASE III B	FASE III A		
			GRUPO A-1	GRUPO A-2		GRUPO A3	GRUPO A3.1	GRUPO A3.2
	Denominación	Coste USD						
1300	Operación de la red de monitorización	102,000	12,500	12,500		77,000	77,000	77,000
2300	Verificación de las especificaciones del sistema	68,500				68,500	68,500	
2500	Comportamiento de la UCP con datos reales	21,000				21,000	21,000	21,000
2700	Actualización del mapa interactivo	0				7,000		
3200	Operación del prototipo de la UCP	210,000	55,000	55,000		100,000	100,000	100,000
4000	Definición de las actividades de soporte a la validación/certificación del sistema	0				56,700		
5100	Identificación de zonas con prestaciones pobres o limitadas y soluciones complementarias	21,000	21,000					
5200	Aprovisionamiento de herramientas de Simulación POLARIS LITE	14,000	1,500	12,500				
5300	Comparar soluciones complementarias en zonas de prestaciones pobres o limitadas	10,000		10,000				
6300	Operación y mantenimiento del portal web	26,000	5,000	5,000		16,000	16,000	16,000
8000	Estudio Coste/Beneficio				325,000			
	Documentación					26,085		
Gestión		20,697	5,000	5,000		10,697	10,697	10,697
Viajes		22,000				22,000	22,000	22,000
TOTAL		515,197	100,000	100,000	325,000	404,982	315,197	246,697

Table 1

2.2 Teleconference to select the option for Group A.3

2.2.1 Given the budget limitations of the Project, it was necessary to assess different scenarios for the execution of the activities under Group 3 of Phase IIIA, based on priorities. During a teleconference conducted on 18 September 2012, to which all Project members were invited, the issue of the additional contribution to complete Project Phase III was addressed, and the following comments were made:

- Bolivia: Requested a cost-benefit analysis to support the additional contribution; ICAO addressed the issue directly because this activity is contemplated to continue until Phase IIIB.
- COCESNA: Suggests completing only priority activities of Phase IIIA with the additional contribution of US\$27,500.00 and, based on the results, make a decision regarding Phase IIB.
- Colombia: To complete all activities under Phase IIIA with the additional contribution of US\$35,000.00, indicating that it would accept the proposal of the majority.
- Guatemala: Will consult with its authorities and will respond in 1 or 2 weeks.

- Panama: Did not participate; will make the corresponding evaluation and will respond accordingly.
- Trinidad and Tobago: Requested 2 or 3 weeks to study the documents and send an official response regarding the additional contribution.
- Argentina, Costa Rica and Venezuela: Did not participate.

2.2.2 Through letter Ref.: TC9/1.692 (03/902), Project members were informed that, based on the responses received, scenario A.3.2 of Table 1 was being selected, which involves the lowest contribution (US\$27,500.00 per participant). This amount will be updated based on the financial revision of the project, as shown in another working paper.

2.3 *International coordination*

2.3.1 After exhausting the first option for the “International Project Coordinator” as agreed in RCC/8/Conclusion 6, the Terms of Reference were circulated in order to obtain the support of Project member States/Organisations for this activity as in-kind contribution. This contribution was accepted from COCESNA, as reflected in letter Ref.: NS 2-30 – EMX 0182. The activities conducted by the International Coordination are as follows:

- Presentation of SACCSA at the GNSS event organised by COCESNA and Galileo IC on 5-6 May 2013 in El Salvador, which was attended by the delegates of the Central American States.
- Support to the drafting of Bulletin No. 4, jointly with the Project Coordination, the Technical Coordination and the ICAO Mexico Office.
- Review of, and comments on, the updated version of the Project Document described below.

2.4 *Project Document update*

2.4.1 Pursuant to Conclusion 9 of RCC/8, the RLA/03/902 Project Document was reviewed and an update proposal was presented based on the status of implementation of the Work Packages, the foreseen duration of the project, the variation in contributions, and the economic situation. The proposed draft was sent through letter Ref.: TC/1.692 (03/902) dated 14 May 2013, requesting comments or the approval by Project members. At the RCC/9, the content of the revised project document will be discussed in detail by the attending member States and will be declared official for signature by all member States.

2.5 *Bulletin No. 4*

2.5.1 Bulletin No. 4 describes the work presented at the RCC/8 meeting, the status of implementation of the project, the recommendations of the Twelfth Air Navigation Conference concerning SACCSA, amongst other GNSS activities. This document was distributed to the States through letter Ref.: NS-30 – EMX0422 dated 21 May 2013 and SA5361 dated 31 May 2013.

2.6 *Arrangements concerning IGN CORS Guatemala*

2.6.1 Letters Ref.: NS2-30 – EMX1002 and EMX0416 were issued requesting the support of the Civil Aviation Authority of Guatemala so that the National Geographic Institute of Guatemala could share the data from its stations. No favourable results have been obtained yet.

3. Suggested action

3.1 Member States/Organisations are invited to take note of the progress made in the project and support the project by taking the following action:

- a) review and approve Project Document Revision O so that it may be submitted to member States for their signature.
- b) make comments on the published bulletins and suggest topics for the next SACCSA Bulletin.
- c) That project member representatives disseminate, within their State, information about the project and its benefits for aviation and other applications.
