International Civil Aviation Organization
South American Office - 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 4:   **Tentative programme of Project activities for the 2013-2014 period**

ANNUAL PROGRAMME OF ACTIVITIES OF THE SACCSA PROJECT

(Presented by the Secretariat)

SUMMARY
This working paper lists the proposed activities to be carried out during the 2013-2014 period.

References:
• RLA/03/902 Project Document, Revision O • Report of the eighth Meeting of the Coordination Committee of Regional Project RLA/03/902 (Mexico, 28 May to 1 June 2012)

ICAO Strategic Objectives	*This working paper relates to the following Strategic Objectives:* *A. Safety* *C. Environmental protection and sustainable development of air transport*

1.   Introduction

1.1   Project Phase IIIA is currently underway, thus the importance of having a frame of reference for the activities to be performed to further proper implementation.

2.   Discussion

The most relevant project tasks identified for the 2013-2014 period are as follows:

2.1   *Establish a Project Technical Coordination Mechanism*

As discussed in Working Paper 6 (WP/06), AENA informed through letter dated 15 April 2013 that, under the current circumstances, it could not continue contributing to the Project. It is felt important for AENA to provide more information about the terms under which it could continue participating, and more

details in case there is any economic aspect involved. Also, if there is no possibility for AENA to continue participating, it should establish the procedure for the transfer of documents and responsibilities and for accompanying the new technical cooperation mechanism that will need to be established. In this regard, WP/06 presents several alternatives. This calls for a scheduling and follow up of the activity "Establish a technical cooperation mechanism" since it is essential for the development of the project.

2.2 *Project Document Update*

2.2.1   As reported in WP/03, the updated RLA/03/902 Project Document was already submitted to Project members through letter Ref.: TC/1.692 (03/902) dated 14 May 2013. Based on the above, the proposal is to schedule this activity in such a way as to take into account the comments received and to issue an updated final version.

2.3 *Follow-up to contracting of Work Packages*

2.3.1   As stated in WP/03, Group A.2 shown in Table 1 is in the contracting and approval stage. Consequently, depending on budget availability, the next step would be to review the contracting of Group A.3.2, an activity that will require follow up.

			FASE III A		FASE III B	FASE III A		
SEGUNDO BLOQUE A CONTRATAR		TOTAL	GRUPO A-1	GRUPO A-2		GRUPO A3	GRUPO A3.1	GRUPO A3.2
Paquete de Trabajo	Denominanción	Coste USD	Coste USD	Coste USD	Coste USD	Coste USD	Coste USD	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 ddel 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

2.4 *Tenth Meeting of the Coordination Committee (RCC/10) and Seminar for Presenting Results*

This task addresses the activities related to the next meeting of the Coordination Committee (RCC/10), including the conduction of a seminar to present the final results of project Phase IIIA. This was also addressed in paragraph "2.1.8 PT 8000: Seminars" of the proposal for updating the Project Document mentioned in item 2.2 of this working paper and in WP/03.

2.5   *Follow-up to RCC/9 Conclusions*

2.5.1   In order to further implementation of the conclusions to be formulated by this Meeting of the Coordination Committee (RCC/9), it is proposed that the International Project Coordination, in communication with Project members, conduct a quarterly assessment of the progress made.

2.6   *Bulletin No. 5*

2.6.1   In order to keep members informed of the status of implementation of the project and other related activities of importance, it is proposed that this activity, which involves the issuance of Bulletin No. 5, be included and completed before the next meeting of the Coordination Committee (RCC/10).

2.7   *Arrangements for the use of data from other CORS stations*

2.7.1   This activity has been included because one of the actions suggested in WP/09 is that States: *"review the real-time GNSS platforms (ntrip) available in their States and activate mechanisms to use the GNSS receivers that may exist in the SACCSA platform"*. Currently, arrangements are being made for using the CORS stations of the National Geographic Institute located at the La Aurora airport.

2.8   *Other activities proposed by Project members*

2.8.1   It is extremely important to follow up on activities proposed by Project members. Accordingly, this activity is proposed for inclusion in the 2013-2014 programme.

The aforementioned activities are summarised in the calendar contained in Appendix 1, which also shows the associated sub-activities and estimated completion dates.

3.   Suggested action

3.1   Member States/Organizations are invited to:

     a)   take note of the activities proposed for the 2013-2014 period;
     b)   review and approve the programme of activities proposed for the 2013-2014 period; and
     b)   propose activities that are important for the members and which must be addressed under the Project.

Appendix 1
Activities - 2013-2014 period

Id	Nombre de tarea	Duración	Comienzo	Fin
1	**Establecer Mecanismo de Coordinación Técnica**	**45 días**	**lun 08/07/13**	**vie 06/09/13**
2	Recibir propuestas de Estados	15 días	lun 08/07/13	vie 26/07/13
3	Consolidar Propuesta Final	20 días	lun 29/07/13	vie 23/08/13
4	Notificar Propuesta Elegida	10 días	lun 26/08/13	vie 06/09/13
5				
6	**Actualización del Documento del Proyecto**	**45 días**	**lun 08/07/13**	**vie 06/09/13**
7	Recibir Comentarios de Miembros del Proyecto	15 días	lun 08/07/13	vie 26/07/13
8	Emitir versión actualizada con comentarios consolidados	15 días	lun 29/07/13	vie 16/08/13
9	Aprobación de Versión Actualizada Documento del Proyecto	15 días	lun 19/08/13	vie 06/09/13
10				
11	**Seguimiento a Contratación de Paquetes de Trabajo**	**210 días**	**lun 09/09/13**	**vie 27/06/14**
12	Evaluar disponibilidad presupuestaria	30 días	lun 09/09/13	vie 18/10/13
13	Definir Tareas a Contratar	20 días	lun 21/10/13	vie 15/11/13
14	Contratar Tareas	40 días	lun 18/11/13	vie 10/01/14
15	Ejecución de Tareas	90 días	lun 13/01/14	vie 16/05/14
16	Aprobación de Tareas	30 días	lun 19/05/14	vie 27/06/14
17				
18	**RCC/10 y Seminario de Presentación de Resultados**	**81 días?**	**jue 17/07/14**	**jue 06/11/14**
19	Preparar NE y NI RCC/10	40 días	jue 17/07/14	mié 10/09/14
20	Convocar RCC/10	40 días	jue 11/09/14	mié 05/11/14
21	Realizar RCC/10 y Seminario de Resultados	1 día?	jue 06/11/14	jue 06/11/14
22				
23	**Seguimiento a Conclusiones de RCC/9**	**268 días**	**lun 08/07/13**	**mié 16/07/14**
24	Revisión de Avance 1 y Acciones	67 días	lun 08/07/13	mar 08/10/13
25	Revisión de Avance 2 y Acciones	67 días	mié 09/10/13	jue 09/01/14
26	Revisión de Avance 3 y Acciones	67 días	vie 10/01/14	lun 14/04/14
27	Revisión de Avance 5 y Acciones	67 días	mar 15/04/14	mié 16/07/14
28				
29	**Boletín No. 5**	**190 días**	**lun 08/07/13**	**vie 28/03/14**
30	Recopilar Información	120 días	lun 08/07/13	vie 20/12/13
31	Elaborar Borrador Boletin No. 5	30 días	lun 23/12/13	vie 31/01/14
32	Revisar Borrador Boletín No. 5	30 días	lun 03/02/14	vie 14/03/14
33	Publicar Boletín No. 5	10 días	lun 17/03/14	vie 28/03/14
34				
35	**Gestiones para Uso de Datos Otras Estaciones CORS**	**190 días**	**lun 08/07/13**	**vie 28/03/14**
36	Seguimiento a Uso CORS Guatemala	190 días	lun 08/07/13	vie 28/03/14
37				
38	**Otras Actividades**	**250 días**	**lun 08/07/13**	**vie 20/06/14**
39	Actividad 1	250 días	lun 08/07/13	vie 20/06/14
40	Actividad 2	250 días	lun 08/07/13	vie 20/06/14
41	Actividad 3	250 días	lun 08/07/13	vie 20/06/14

— END —

ID	ⓘ	Nombre de tarea	Duration	Start
1		**Establish technical coordination mechanism**	**45 days**	**Mon 7/8/13**
2		Receive proposals from States	15 days	Mon 7/8/13
3		Consolidate final proposal	20 days	Mon 7/29/13
4		Inform about the proposal selected	10 days	Mon 8/26/13
5				
6		**Project Document update**	**45 days**	**Mon 7/8/13**
7		Receive comments from Project members	15 days	Mon 7/8/13
8		Issue updated version with consolidated comments	15 days	Mon 7/29/13
9		Approval of updated version of Project Document	15 days	Mon 8/19/13
10				
11		**Follow-up to contracting of work packages**	**210 days**	**Mon 9/9/13**
12		Assess budget availability	30 days	Mon 9/9/13
13		Define tasks to contract	20 days	Mon 10/21/13
14		Contract tasks	40 days	Mon 11/18/13
15		Execution of tasks	90 days	Mon 1/13/14
16		Approval of tasks	30 days	Mon 5/19/14
17				
18		**RCC/10 and seminar to present results**	**81 days?**	**Thu 7/17/14**
19		Prepare WPs and IPs for RCC10	40 days	Thu 7/17/14
20		Convene RCC/10	40 days	Thu 9/11/14
21		Hold RCC/10 and seminar to present results	1 day?	Thu 11/6/14
22				
23		**Follow up to RCC/9 conclusions**	**268 days**	**Mon 7/8/13**
24		Review Progress 1 and actions	67 days	Mon 7/8/13
25		Review Progress 2 and actions	67 days	Wed 10/9/13
26		Review Progress 3 and actions	67 days	Fri 1/10/14
27		Review Progress 5 and actions	67 days	Tue 4/15/14
28				
29		**Bulletin No. 5**	**190 days**	**Mon 7/8/13**
30		Collect information	120 days	Mon 7/8/13
31		Prepare draft Bulletin No. 5	30 days	Mon 12/23/13
32		Review draft Bulletin No. 5	30 days	Mon 2/3/14
33		Publish Bulletin No. 5	10 days	Mon 3/17/14
34				
35		**Arrangements for use of data from other CORS stations**	**190 days**	**Mon 7/8/13**
36		Follow-up to use of CORS Guatemala	190 days	Mon 7/8/13
37				
38		**Other activities**	**250 days**	**Mon 7/8/13**
39		Activity 1	250 days	Mon 7/8/13
40		Activity 2	250 days	Mon 7/8/13
41		Activity 3	250 days	Mon 7/8/13