



- Agenda Item 4: Transformation of the AGA/AOP Subgroup, its Terms of Reference, Work Programme and Task Forces into the AGA Programme.**
4.1 Methodology for the development of projects on performance based for the implementation of the AGA work programme.

PROPOSAL OF CAR/SAM PROJECTS FOR WORK PROGRAMME IMPLEMENTATION

(Presented by the Secretariat)

SUMMARY	
The Meeting is provided with a set of proposed projects with specific tasks to be developed for the implementation of the AGA work programme, as part of the future activities of the GREPECAS AGA/AOP Subgroup. These projects will require the nomination of AGA specialists to coordinate and implement the tasks of associated projects.	
Referencias:	
<ul style="list-style-type: none">• Report of the Seventh AGA/AOP Subgroup Meeting (Buenos Aires, Argentina, 9 to 13 November 2009).• Report of the Sixteenth Meeting of the GREPECAS (Punta Cana, Dominican Republic, 28 March to 1 April 2011)	
<i>Strategic Objective</i>	<i>A – Safety</i>

1. Introduction

1.1 Taking into account the status of implementation of the tasks described in the AGA/AOP Subgroup Work Programme which were approved in the last meeting (Buenos Aires, 2009), as well as the current deficiencies and the new activities in the AGA field, the Meeting should consider the proposed projects for the CAR/SAM regions with specific tasks to be developed as part of the future activities of the Subgroup.

1.2 The new GREPECAS mechanism provides new guidelines of a procedural nature to address amongst other Contributory Bodies, the Terms of reference (TOR) of the AGA/AOP Subgroup.

2. **Analysis**

2.1 Considering the previous section, the specific tasks for each of the AGA/AOP Subgroup projects are included in the **Appendix** to this working paper in order to be developed and to provide continuity to the depicted tasks in the work programme.

2.2 The proposal of these projects has been analyzed as a result of the review of assigned tasks of the performance objectives of the Regional Air Navigation Performance Based Implementation Plan for CAR/SAM Regions.

2.3 The Meeting should review the proposed working projects and its consistency with performance objectives of the Regional Air Navigation Performance Based Implementation Plan for the CAR/SAM Regions, recommend the required human resources for coordination and implementation of the different tasks of the associated projects in compliance with the new GREPECAS requirements according to the established mechanism based on programmes and projects.

2.4 Therefore, the Meeting is invited to consider the following aspects:

- a) the projects assigned are high level activities, and for that reason each task requires a complete description, and if necessary, disclosed into a set of sub-tasks, including deliverables and deadlines,
- b) a coordinator should be nominated from the State's attendees and will be the accountable person for the implementation and follow-up of each project; and
- c) due to the complexity that the task may encompass, the Meeting should identify a profile for the AGA experts required for each project

3. **Suggested Action**

3.1 The Meeting is invited to:

- a) review and complete the proposed contents of the AGA Subgroup work programme, as depicted in the Appendix to this working paper;
- b) define new tasks; and
- c) consider and recommend any other relevant actions.

APPENDIX

REVISION DEL PROGRAMA DE TRABAJO/REVIEW OF THE WORK PROGRAMME**PROGRAMME/PROGRAMA:****F: Aerodrome and Runway / Aeródromo y Pista****PROJECT/PROYECTO:****F1: Enhance Runway Safety / Mejorar la Seguridad Operacional en la Pista****PROJECT COORDINATOR/****COORDINADOR DEL PROYECTO:****Mr. / Mrs./ Sr. / Sra.**

No.	Tarea/Task	Inicio-Fin / Start – End	Responsable / Responsible	Estado / Status	Entregable / Deliverable
1	2	3	4	5	6
F1.1	Elaboración de estrategias de prevención para Excursiones/IncurSIONes de Pista Development of prevention strategies for Runway excursion/incursion	Julio 2011 – Julio 2012	F1 Project	Válida / Valid	1. Estrategia CAR/SAM de prevención para Excursiones de Pista. 1. CAR/SAM strategy for the prevention of Runway Excursions. 2. Estrategia CAR/SAM de prevención para IncurSIONes de Pista. 2. CAR/SAM strategy for the prevention of Runway Incursions.
F1.2	Establecer medidas de seguridad operacional en pistas para prevenir y mitigar accidentes e incidentes serios en pistas. Establish runway safety measures to prevent and mitigate runway-related accidents and serious incidents.	Agosto 2012 – Dic. 2013	Estados/ States	Válida / Valid	Implementar medidas basadas en estrategias. Implement actions based on strategies.
F1.3	Desarrollar un plan de gestión de seguridad de la superficie de las pistas / Develop a plan for runway surface safety management.	(*)- 2012	Proyecto Regional / Regional Project	Válida / Valid	Plan de gestión de la seguridad de la superficie de pistas / Plan for runway surface safety management
F1.4	Asistir a los Estados para la implantación de procedimientos de gestión de seguridad de la superficie de las pistas / Assist States in the implementation of procedures for runway surface safety management.	(*)- 2012	Estados / States	Válida / Valid	Numero de Estados con procedimientos de gestión de seguridad de la superficie de las pistas / Number of States with runway surface safety management plan implemented
F1.5	Vigilar la implantación del plan de gestión regional / Surveillance of the implementation of the regional management plan.	(*)- 2018+	GREPECAS	Válida / Valid	Guía para vigilar la implantación del plan de gestión regional / Guidance material for surveillance of the implementation of the regional management plan

PROJECT/PROYECTO: **F2: Implement Advanced Surface Movement Guidance and Control System (A-SMGCS) / Implementar el Sistema Avanzado de Guía y Control del Movimiento en Superficie (A-SMGCS).**

PROJECT COORDINATOR/ COORDINADOR DEL PROYECTO: **Mr. / Mrs./ Sr. / Sra.**

No.	Tarea/Task	Inicio-Fin / Start – End	Responsable / Responsible	Estado / Status	Entregable / Deliverable
1	2	3	4	5	6
F2.1	Identificar los aeródromos con densidad de tránsito intensa y media, y que confrontan congestión en plataforma. Identify aerodromes with heavy and medium traffic density and having congestion problems at the apron.	Jul 2011 –Feb. 2012	F2 Proyecto/ Project	Válida / Valid	Propuesta de aeródromos potenciales para implementar el A-SMGCS en las regiones CAR/SAM. Propose potential aerodromes for A-SMGCS implementation in the CAR/SAM regions.
F2.2	Elaboración de un sistema que provea monitoreo, guía y vigilancia para el control de aeronaves y vehículos de manera de mantener la relación de movimientos en superficie declarados bajo todas las condiciones de tiempo dentro el nivel operacional de visibilidad del aeródromo (AVOL) mientras se mantiene el nivel de seguridad operacional exigido. Development of a system providing routing, guidance and surveillance for the control of aircraft and vehicles in order to maintain the declared surface movement rate under all weather conditions within the aerodrome visibility operational level (AVOL) while maintaining the required level of safety.	Feb. 2012 – Feb. 2014	F2 Proyecto/ Project	Válida / Valid	Propuesta de Guía para las regiones CAR/SAM basada en el A-SMGCS para asegurar la consciencia situacional bajo todas las condiciones de tiempo y permitir a los controladores detectar aeronaves y vehículos que salen de sus puntos de espera./ CAR/SAM Draft A-SMGCS Guideline to ensure complete situational awareness under all weather conditions and enable controllers to detect aircraft and vehicles diverting from given clearances.

PROJECT/PROYECTO:**F3: Implement Airport Collaborative Decision Making (A-CDM) /
Implementar la Toma de Decisiones en Colaboración del Aeródromo (A-CDM).****PROJECT COORDINATOR/****COORDINADOR DEL PROYECTO:****Mr. / Mrs./ Sr. / Sra.**

No.	Tarea/Task	Inicio-Fin / Start – End	Responsable / Responsible	Estado / Status	Entregable / Deliverable
1	2	3	4	5	6
F3.1	Implementar la Toma de Decisiones Colaborativa de Aeropuerto (A-CDM) mediante un procedimiento de reposición de condiciones adversas. Implement Airport Collaborative Decision Making (A-CDM) recovery of adverse conditions procedure.	Jul 2011 –Feb 2013	F3 Proyecto/ Project	Válida / Valid	Propuesta de lineamiento para las regiones CAR/SAM para la gestión colaborativa de la capacidad de un CDM de Aeropuerto durante periodos de reducción de la capacidad predictiva o no predictiva./ CAR/SAM Draft Guideline on a collaborative management of the capacity of a CDM Airport during periods of a predicted or unpredicted reduction of capacity.
F3.2	Implementar la Toma de Decisiones Colaborativa de Aeropuerto (A-CDM). Implement Airport Collaborative Decision Making (A-CDM).	Mar 2013 – Feb 2014	F3 Proyecto/ Project	Válida / Valid	Propuesta de lineamiento para las regiones CAR/SAM sobre compartición de información y el proceso de servicio de escala a través de un enlace entre Control de Tránsito Aéreo (ATC), Aeropuerto y Aeronave, Operadores y Servicios en Tierra, juntos a través de la aplicación de la Toma de Decisiones Colaborativa de Aeropuerto CAR/SAM Draft Guideline on information sharing and the turn-round process through a linkage between Air Traffic Control (ATC), Airport and Aircraft Operators, and Ground Handlers together, through the application of Airport Collaborative Decision Making (A-CDM)

PROJECT/PROYECTO: **F4: Implement Airport airside Capacity analysis, Enhancement and planning (ACE) procedure / Implementar el análisis del campo de vuelos del Aeródromo, Mejoramiento y procedimiento de planificación**

PROJECT COORDINATOR/ COORDINADOR DEL PROYECTO: **Mr. / Mrs./ Sr. / Sra.**

No.	Tarea/Task	Inicio-Fin / Start – End	Responsable / Responsible	Estado / Status	Entregable / Deliverable
1	2	3	4	5	6
F4	Implementar el análisis del campo de vuelos del Aeropuerto, Mejoramiento y procedimiento de planificación. Implementation of Airport airside Capacity analysis, Enhancement and planning (ACE) procedure.	2014 - 2015	F4 Proyecto/ Project	Válida / Valid	Propuesta de lineamientos para las regiones CAR/SAM para un asesoramiento preciso de la capacidad en condiciones de tiempo reducidos, incluyendo las mejores prácticas basadas en el criterio existente de OACI./ CAR/SAM Draft Guidelines on accurate assessment of capacity in reduced weather conditions, including best in class practices based upon existing ICAO criteria.

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