



Agenda Item 3: Review to the progress achieved in the implementation of the CNS/ATM Subgroup Work Programmes

3.3 Follow-up to the activities taken into account in the automation and ATM situational awareness programme

C3 - IMPLEMENTATION OF THE NEW ICAO FLIGHT PLAN FORMAT WORK PROGRAMME AND ACTIVITIES

(Presented by the C3 Project Coordinator)

SUMMARY	
This working paper presents a review to the Work Programme and Activities carried out by Members of the Automation and ATM Situational Awareness Programme – C3 Project Implementation of the New ICAO Flight Plan Format.	
References:	
• Report of the CNS/ATM/SG/1 Meeting, Lima, Peru, 15-19 March 2010.	
ICAO Strategic Objectives:	A: Operational Safety - Improve the operational safety of global civil aviation D: Efficiency - Enhance the efficiency of aviation operations

1. Introduction

1.1 The first meeting of the CNS/ATM Subgroup (CNS/ATM/SG/1) approved the functional structure of the CNS/ATM Subgroup based on project management techniques and working methodology based on project development for the implementation of CNS/ATM activities, replacing the methodology based on the implementation of activities by working groups.

1.2 This CNS/ATM/SG structure was established with four programs, referred to as: a) PBN; b) ATFM; c) Automation and ATM Situational Awareness; and d) Ground-Ground and Ground-Air Communications Infrastructure.

1.3 Within the ATM Automation and Situational Awareness Programme, three projects were established: C1 - Automation, C2 – ATM Situational Awareness Improvement, and C3 - Implementation of the New ICAO Flight Plan Format.

1.4 This working paper presents a review of the Work Programme and Activities carried out by the Members of the C3 Project - Implementation of the New ICAO Flight Plan Format, according to the CNS/ATM/1-9 Draft Decision - Review of the Work Programme of the CNS/ATM Subgroup projects. This draft decision was approved by express decision of GREPECAS in June 2010.

2. Discussion

2.1 The CNS/ATM/SG/1 meeting considered that the work method for the development of the project tasks should use electronic media for the communication between members of the project and the coordinator. Yet some events occurred for better disclosure of the topic to the people more directly involved with the implementation of the new flight plan format in accordance with Amendment 1 to the 15th edition of the PANS-ATM (Doc 4444), which is to become effective on November 15th, 2012.

2.2 The NAM/CAR Region held a Workshop for the Implementation of the New Flight Plan Format in the NAM/CAR Region in Mexico City from 12 to 13 July 2010. The Workshop was attended by 31 participants from 12 States - Aruba, Barbados, Brazil, Cayman Islands, Costa Rica, El Salvador, United States, Jamaica, Mexico, Netherlands Antilles, Dominican Republic, Trinidad and Tobago, 4 International Organizations - ALTA, COCESNA, ECCAA, IFATCA, and 1 industry supplier - Indra.

2.3 The SAM Region held a Seminar/Workshop for the Implementation of the New Flight Plan Format in the SAM Region in Lima from 13 to 15 September 2010. The Seminar/Workshop was attended by 41 participants from 10 states - Argentina, Bolivia, Brazil, Chile, Panama, Paraguay, Peru, Suriname, Uruguay and Venezuela, 1 International Organization - IATA and 5 industry suppliers - Adacel Inc., Atech, Indra, Ineco-Tifsa and Radiocom Inc.

2.4 The Work Programme of the C3 Project - Implementation of the New ICAO Flight Plan Format presented during the CNS/ATM/SG/1 meeting was reviewed. The results of this review are presented in **Appendix A** to this working paper.

2.5 The description of the activities and tasks of the C3 Project Work Programme, according to the review contained in Appendix A, is presented in **Appendix B** to this working paper, with the definition of the deliverables and those responsible for its implementation.

3. Action suggested

3.1 The Meeting is invited to:

- a) take note of the information presented;
- b) analyze the Work Programme and Activities reviewed by the C3 Project Coordinator, which is included in Appendices A and B to this working paper; and
- c) examine any other considerations as the Meeting might deem necessary.

APPENDIX A / APENDICE A

PROJECT WORK PROGRAMME / PROGRAMA DE TRABAJO DEL PROYECTO

PROGRAMME/PROGRAMA: ATM AUTOMATION AND SITUATIONAL AWARENESS / AUTOMATIZACION ATM Y COMPRESION SITUACIONAL

PROJECT/PROYECTO: C3. IMPLEMENTATION OF THE NEW ICAO FLIGHT PLAN MODEL / IMPLANTACION DEL NUEVO MODELO DE PLAN DE VUELO DE LA OACI

PROJECT COORDINATOR/ COORDINADOR DEL PROYECTO: Jorge Avila

No.	Tarea/Task	Inicio Fin / Start End	Responsible / Responsable	Estado/Status	Deliverable/Entregable
1	2	3	4	5	6
C 3.1	Guidelines on transition to new Flight Plan Format Guías sobre la transición al Nuevo Formato de Plan de Vuelo Presentado.	2009	ICAO/OACI	Finalized/Completada	Guidelines on transition to new Flight Plan Format Guías sobre la transición al Nuevo Formato de Plan de Vuelo Presentado
C 3.2	Develop regional strategy for transition to new Flight Plan Format Elaborar una estrategia regional de transición al nuevo formato de plan de vuelo presentado	2009/ 2010	ICAO/OACI	Finalized/Completada	Strategy was reviewed and approved during the CNS/ATM/SG/1 meeting Estrategia fue revisada y aprobada durante la reunión CNS/ATM/SG/1
C 3.3	Identification of stakeholders involved and possible impact by implementation of New Flight Plan Format (FPL/RPL/CPL) Identificación de interesados involucrados y posible impacto de la implantación del nuevo formato de plan de vuelo presentado (FPL/RPL/CPL)	1/10/2009-30/10/2010	States/ Territories/ International Organizations Estados/ Territorios/ Organizaciones Internacionales Project C3/ Proyecto C3	Valid/Válida	Consolidated analysis of the evaluations performed by the Status of the possible impacts of the implementation of the new FPL format. Análisis consolidado de las evaluaciones realizadas por los Estados de los posibles impactos de la implementación del nuevo formato de FPL.
C 3.4	Evaluation of current/future flight plan processing capabilities regarding the New Flight Plan Format Evaluación de las capacidades actuales/futuras de procesamiento de plan de vuelo con respecto al Nuevo formato de plan de vuelo presentado	1/10/2009-30/12/2010	ICAO/OACI	Valid/Válida	

No.	Tarea/Task	Inicio Fin / Start End	Responsible / Responsible	Estado/Status	Deliverable/Entregable
1	2	3	4	5	6
C 3.5	<p>Conduct trials between systems with new flight plan processing capacity</p> <p>Conducir ensayos entre sistemas con capacidad de procesamiento del nuevo plan de vuelo</p>	18/7/2011-30/6/2012	<p>States/ Territories/ International Organizations Estados/ Territorios/ Organizaciones Internacionales</p> <p>Project C3/ Proyecto C3</p>	Valid/Válida	<p>Proposed considerations to conduct trials between systems with new flight plan processing capacity.</p> <p>Propuesta de consideraciones para realizar los ensayos entre sistemas con capacidad de procesamiento del nuevo plan de vuelo.</p>
C 3.6	<p>Development of contingency procedures and determination of operational/ technical considerations for the transition</p> <p>Elaboración de procedimientos de contingencia y determinación de consideraciones técnicas/operacionales para la transición</p>	1/1/2011-30/6/2011	<p>States/ Territories/ International Organizations Estados/ Territorios/ Organizaciones Internacionales</p> <p>Project C3/ Proyecto C3</p>	Valid/Válida	<p>Proposed contingency procedures.</p> <p>Propuesta de procedimientos de contingencias.</p>
C 3.7	<p>Identification of major parties considering FP data flow and definition of transition steps based on:</p> <p>a) Systems with capability to process both formats: current and new.</p> <p>b) Systems to be upgraded/implemented before 2012 and that will be capable to process New Flight Plan Format</p> <p>Identificación de las partes principales que consideren la afluencia de datos de FP y definición de los pasos de transición basados en:</p> <p>a) sistemas con capacidad de procesar ambos formatos: actual y nuevo.</p> <p>b) sistemas a modernizarse/implementarse antes del 2012 y que serán capaces de procesar el nuevo formato de plan de vuelo presentado</p>	1/1/2011-30/6/2011	ICAO/OACI	Valid/Válida	

No.	Tarea/Task	Inicio Fin / Start End	Responsible / Responsible	Estado/Status	Deliverable/Entregable
1	2	3	4	5	6
C 3.8	Publication on transition actions, trials and other publication for the users and stakeholders Publicación de acciones de transición, ensayos y otras publicaciones para los usuarios e interesados	30/6/2011-30/6/2012	States/ Territories/ International Organizations Estados/ Territorios/ Organizaciones Internacionales Project C3/ Proyecto C3	Valid/Válida	Proposed technical/ operational considerations for the transition. Propuesta de consideraciones técnicas/operacionales para la transición.
C 3.9	Assessment of transition actions and make adjustments Evaluación de las acciones de transición y hacer ajustes	18/7/2011-30/6/2012	ICAO/OACI	Valid/Válida	
C 3.10	Conduct transition plan Realizar el plan de transición	1/4/2012-30/6/2012	States/ Territories/ International Organizations Estados/ Territorios/ Organizaciones Internacionales	Valid/Válida	
C 3.11	Monitor the transition activities Monitorear las actividades de transición	1/10/2009-15/12/2012	ICAO/OACI	Valid/Válida	

APÉNDICE B / APPENDIX B

PROYECTO C3 - ACTIVIDADES Y TAREAS / PROJECT C3 - ACTIVITIES AND TASKS

Id	Tarea / Task	Inicio / Start	Fin / End	Recursos / Resources
1	1. Etapa de Preparación 1. Preparation Staga	Sex 2/1/09 Fri 1/2/09	Qui 28/6/12 Thu 06/28/12	
2	1.1) Guías sobre la transición al Nuevo Formato de Plan de Vuelo Presentado. 1.1) Guidelines on the transition to the New Flight Plan Format.	Sex 2/1/09 Fri 1/2/09	Qui 31/12/09 Thu 12/31/09	OACI/ICAO
3	1.2) Elaborar una estrategia regional de transición al nuevo formato de plan de vuelo presentado. 1.2) Develop regional strategy for transition to the new flight plan format.	Seg 15/3/10 Mon 3/15/10	Sex 19/3/10 Fri 3/19/10	OACI/ICAO
4	1.3) Identificación de interesados involucrados y posible impacto de la implantación del nuevo formato de plan de vuelo presentado (FPL/RPL/CPL). 1.3) Identification of the stakeholders involved and possible impact of the implementation of the New Flight Plan Format (FLP/RPL/CPL)	Qui 1/10/09 Thu 10/1/09	Seg 28/2/11 Mon 2/28/11	
5	1.3.1) Identificación de los Puntos Focales. 1.3.1) Focal Point Identification.	Qui 1/10/09 Thu 10/1/09	Sex 30/7/10 Fri 7/30/10	Estados, Territorios y Org Int States, Territories and Int Org
6	1.3.2) Identificación de los posibles impactos. 1.3.2) Possible impact identification.	Seg 15/3/10 Mon 3/15/10	Qui 30/9/10 Thu 9/30/10	Estados, Territorios y Org Int States, Territories and Int Org
7	1.3.3) Recolectar las evaluaciones. 1.3.3) Collect the evaluations.	Sex 1/10/10 Fri 10/1/10	Ter 30/11/10 Tue 11/30/10	OACI/ICAO
8	1.3.4) Análisis consolidado de las evaluaciones realizadas por los Estados. 1.3.4) Consolidated analysis of the evaluations performed by the States.	Qua 1/12/10 Wed 12/1/10	Seg 31/1/11 Mon 1/31/11	Miembros del Proyecto Project Members
9	1.3.5) Elaboración de informe con el análisis consolidado de las evaluaciones realizadas por los Estados. 1.3.5) Preparation of the report with the consolidated analysis of the evaluations performed by the States.	Ter 1/2/11 Tue 2/1/11	Seg 28/2/11 Mon 2/28/11	Coordinador del Proyecto Project Coordinator

Id	Tarea / Task	Inicio / Start	Fin / End	Recursos / Resources
10	1.4) Evaluación de las capacidades actuales/futuras de procesamiento de plan de vuelo con respecto al nuevo formato de plan de vuelo presentado. 1.4) Evaluation of the current/future flight plan processing capabilities regarding the New Flight Plan Format.	Qui 1/10/09 Thu 10/1/09	Qui 30/12/10 Thu 12/30/10	OACI/ICAO
11	1.5) Ensayos de conducta entre sistemas con capacidad de procesamiento del NUEVO Plan de Vuelo. 1.5) Conduct trials between the systems with New Flight Plan processing capacity.	Seg 18/7/11 Mon 7/18/11	Qui 28/6/12 Thu 6/28/12	
12	1.5.1) Propuesta de consideraciones para realizar los ensayos entre sistemas con capacidad de procesamiento del nuevo plan de vuelo. 1.5.1) Proposed considerations to conduct trials between systems with the capacity to process the new flight plan.	Seg 18/7/11 Mon 7/18/11	Sex 28/10/11 Fri 10/28/11	Proyecto C3/C3 Project
13	1.5.2) Realización de ensayos. 1.5.2) Conduct trials.	Ter 1/11/11 Tue 11/1/11	Qui 28/6/12 Thu 6/28/12	Estados y Territorios States and Territories
14	1.6) Elaboración de procedimientos de contingencia y determinación de consideraciones técnicas/operacionales para la transición. 1.6) Development of contingency procedures and determination of the technical/operational considerations for the transition,	Seg 3/1/11 Mon 1/3/11	Qui 30/6/11 Thu 6/30/11	
15	1.6.1) Elaboración de una guía con consideraciones para la elaboración de los procedimientos de contingencias. 1.6.1) Preparation of a guideline with considerations for the development of contingency procedures.	Seg 3/1/11 Mon 1/3/11	Ter 31/5/11 Tue 5/31/11	Proyecto C3/C3 Project
16	1.6.2) Elaboración de los procedimientos de contingencias. 1.6.2) Development of contingency procedures.	Qua 1/6/11 Wed 6/1/11	Qui 30/6/11 Thu 6/30/11	Estados y Territorios States and Territories
17	1.7) Identificación de las partes principales que consideren la afluencia de datos de FP y definición de los pasos de transición basados en: 1.7) Identification of major parties considering FP data flow and definition of transition steps based on:	Seg 3/1/11 Mon 1/3/11	Qui 30/6/11 Thu 6/30/11	

Id	Tarea / Task	Inicio / Start	Fin / End	Recursos / Resources
18	1.7.1) sistemas con capacidad de procesar ambos formatos: actual y nuevo. 1.7.1) systems with capability to process both formats: current and new.	Seg 3/1/11 Mon 1/3/11	Qui 30/6/11 Thu 6/30/11	OACI/ICAO
19	1.7.2) sistemas a modernizarse/implementarse antes del 2012 y que serán capaces de procesar el nuevo formato de plan de vuelo presentado. 1.7.2) systems to be updated/implemented before 2012 and that will be capable to process the new flight plan format.	Seg 3/1/11 Mon 1/3/11	Qui 30/6/11 Thu 6/30/11	OACI/ICAO
20	2. Etapa de Transición 2. Transition Step	Qui 30/6/11 Thu 6/30/11	Sáb 30/6/12 Sat 6/30/12	
21	2.1) Publicación de acciones de transición, ensayos y otras publicaciones para los usuarios e interesados. 2.1) Publication of the transition actions, trials and other publications for the users and stakeholders.	Qui 30/6/11 Thu 6/30/11	Sáb 30/6/12 Sat 6/30/12	
22	2.1.1) Publicación de acciones de transición. 2.1.1) Publication of the transition actions.	Qui 30/6/11 Thu 6/30/11	Sáb 30/6/12 Sat 6/30/12	Estados, Territorios y Org Int. States, Territories and Int Org.
23	2.1.2) Propuesta de consideraciones técnicas/operacionales para la transición. 2.1.2) Proposed technical/operational considerations for the transition.	Qui 30/6/11 Thu 6/30/11	Sex 30/3/12 Fri 3/30/12	Proyecto C3/C3 Project
24	2.2) Evaluación de las acciones de transición y hacer ajustes. 2.2) Assessment of the transition actions and make adjustments.	Seg 18/7/11 Mon 7/18/11	Sex 29/6/12 Fri 6/29/12	OACI/ICAO
25	2.3) Realizar el plan de transición. 2.3) Conduct a transition plan.	Dom 1/4/12 Sun 4/1/12	Sáb 30/6/12 Sat 6/30/12	Estados y Territorios States and Territories
26	3. Etapa de Monitoreo. 3. Monitoring Step.	Qui 1/10/09 Thu 10/1/09	Sáb 15/12/12 Sat 12/15/12	
27	3.1) Monitorear las actividades de transición. 3.1) Monitor the transition activities.	Qui 1/10/09 Thu 10/1/90	Sáb 15/12/12 Sat 12/15/12	OACI/ICAO