



| ICAO

CAPACITY & EFFICIENCY

Workshop Introduction

Automation System and Integrated Telecommunications for Air
Navigation Services/System-Wide Information Management (SWIM) Workshop
(AUTO/SWIM)
Mexico City, Mexico, 21 to 24 April 2014

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ICAO NACC Office



Events for this week

NACC Office- Kobe Meeting Room

21 to 24 April 2014

- Automation System and Integrated Telecommunications for Air Navigation Services/System-Wide Information Management (SWIM) Workshop (AUTO/SWIM)



25 April 2014 - ANI/WG Task Forces

- GOLD/ Controller-Pilot Data Link Communication (CPDLC) Task Force Follow-up Meeting – Rapporteur : **Noel Dwyer** (Canada)
- Air Traffic Services Inter-facility Data Communication (AIDC) Task Force Follow-up Meeting - Rapporteur: **Fernando Casso** (Dominican Republic)





Objectives (1/2)

- Provide an overview of latest Air Traffic Control (ATC) system automation, implementation of functionalities such as AIDC, CPDLC, and situational awareness improvements with radar/ADS-B data sharing, as well as how the State ATC system is approaching the ICAO SWIM concept
- Provide operational guidance and assistance for implementing automated applications
- Provide information on aspects to be considered in planning and implementation of SWIM, CPDLC, AIDC, system automation interconnection, and situational awareness enhancements





Objectives (2/2)

- Forum for exchange of questions and doubts between System Manufacturers/ Service Providers and users
- Identification of planning/implementation concerns and lessons learned from other users/Manufacturers
- Feedback for regional implementation plans, target/metrics and ANI/WG Task Force activities (NAM/CAR Regional Performance based Air navigation Implementation Plan (RPBANIP) follow-up)





Methodology



- Individual presentation
- Presentations by the facilitators/ speakers
- Interactive discussions/ comments at the end of each presentation
- Exchange of implementation experiences/ lessons learned
- Executive summary of discussions



workshop Programme

- Two parts: the first two days will feature system manufacturers, and the last two days will be for the follow-up on the implementation by States on Automated Systems and functionalities.
- The workshop will follow-up on regional implementation plans (AIDC, CPLDC, ADS-B, AIM, etc.), agreed actions and target dates for AIDC, CPDLC, radar data sharing, and data processing for ADS-B implementation.



TIME	MONDAY 21	TUESDAY 22	WEDNESDAY 23	THURSDAY 24
8:30 – 9:00	REGISTRATION			
9:00 – 9:30	Opening Remarks/ Introduction to Automation and SWIM Workshop- ICAO	ADS-B/WAM composite surveillance - ERA	ASBU implementation / CPDLC and AIDC Regional Implementation - ICAO	Avances de Cuba en la Implantación AIDC- Cuba
9:30 – 10:00	PRISMA A modular ATM solution and the transition to a SWIM environment- COMSOFT	Migration to SWIM- Challenges & Solutions- FREQUENTIS	SITA views on ADS CPDLC services implementation- SITA	Regional telecommunication Networks for Integrated Telecommunications for Air Navigation Services –MEVA TMG-E/CAR/NTG-ICAO
10:00 – 10:30		Group Photo		SWIM and Data bases Implementation-ICAO
10:30 – 11:00	C o f f e e B r e a k			
11:00 – 11:45	AIRCON System Interconnection- INDRA	Transforming ATM performance through Regional Cooperation and Collaboration- IDS	Data Link equipage and usage in NAV CANADA - Canada	AIM Presentation-ICAO
11:45 – 12:30	Experience in ATM, SSR, MLAT, ADS-B and future development- VNIIRA	Selex ES CPLDC&AIDC solutions - SELEX		Implementation of Radar Data Processing and Exchange - ICAO
				Compartición datos radar Mexico-COCESNA-Cuba-COCESNA
12:30 – 13:30	Lunch break			
13:30 – 14:30	Automation Systems and ADS-B implementation in Mexico - THALES	Selex ES SWIM Enabling solutions - SELEX	SISTEMAS AUTOMATIZADOS EN MEXICO - MEXICO	Avances del Proyecto C en sus entregables – GREPECAS C Project
			AIDC Task Force Progress Report - AIDC TF	alarmas que serán incorporadas en el sistema Aircon 2100 mejorado para la conciencia situacional - COCESNA
			Monitoreo FPLs Cuba	Workshop Summary
				Graduation Ceremony
14:30 – 15:00	C o f f e e B r e a k			
15:00 – 15:30	SWIM TRANSITION- INDRA	CPDLC and ADS-C Services by ARINC- ARINC	Implementacion AIDC/OLDI en Centro America - COCESNA	
15:30 – 16:00			Avance sobre implementación AIDC en México	



Administrative issues



Security Considerations



Internet



no phones/ emails



Punctuality



Participation



Assistance



- North American Central American and Caribbean (NACC) Office Mexico City
- South American (SAM) Office Lima
- ICAO Headquarters Montreal
- Western and Central African (WACAF) Office Dakar
- European and North Atlantic (EUR/NAT) Office Paris
- Middle East (MID) Office Cairo
- Eastern and Southern African (ESAF) Office Nairobi
- Asia and Pacific (APAC) Office Bangkok

Questions?

Thank You