

**REVISED
PRELIMINAR AGENDA**

**SEMINAR/WORKSHOP ON IMPLEMENTATION OF ADVANCE SURVEILLANCE AND
AUTOMATED SYSTEMS**

(Panama City, Panama, from 22 to 25 September 2015)

TUESDAY, 22 SEPTEMBER 2015

HOUR	SUBJECT	EXPOSITOR
08:30-09:00	REGISTRATION	
09:00-09:15	OFFICIAL OPENING	Civil Aviation Authorities of Panama and ICAO
SESSION 1: ICAO SARPS, DOCUMENTATION AND GLOBAL AND REGIONAL PLANS REGARDING THE IMPLEMENTATION OF AERONAUTICAL SURVEILLANCE AND AUTOMATED SYSTEMS FOR ATS OPERATIONS		
09:15-09:45	ICAO SARPS and guidance documentation on surveillance and automation for ATS operations	ICAO Onofrio Smarrelli
09:45-10:30	ASBU Implementation/ ASBU modules related to surveillance and automation systems for ATS operations	ICAO Julio Siu
10:30-11:00	<i>Coffee break</i>	
11:00-11:45	NAM/CAR and SAM Air Navigation Regional Plans and implementation targets on surveillance and automation systems for ATS operations	ICAO Onofrio Smarrelli/Julio Siu
11:45-12:00	<i>Questions / Session summary</i>	
SESSION 2: AVIONIC SOLUTIONS AND ROADMAP FOR ADVANCED SURVEILLANCE SYSTEM		
12:00-12:30	ADS-B / FANS a Boeing perspective	BOEING William Richards
12:30-13:30	<i>Lunch break</i>	
13:30-14:00	New surveillance solutions for Embraer Commercial aircraft	EMBRAER Luiz Antonio Madeira Junior
14:00-14:30	Surveillance customer perspective	IATA Kieran Ocarroll
14:30-15:00	Rockwell Collins' ARINC MultiLink Flight Tracking Service	ARINC Manny Gongora
15:00-15:30	<i>Questions / Session summary</i>	

WEDNESDAY, 23 SEPTEMBER 2015

HOUR	SUBJECT	EXPOSITOR
SESSION 3: TECHNICAL AND OPERATIONAL GUIDANCE ON ADVANCED SURVEILLANCE TECHNIQUES AND ON AIDC AS AN AUTOMATION APPLICATION		
ADVANCE SURVEILLANCE MATTERS		
09:00-09:30	Performance Based Surveillance & new sensor technology	THALES Cuq Frederic
9:30-10:00	Implementation solutions to advance surveillance systems a) ADS-B System b) MLAT/WAM System	INDRA Denis Pancorbo
10:00-10:30	Surveillance Systems - Operational improvement & cost savings, from airport surface to airspace	SAAB Sergio Martins
10:30-11:00	<i>Coffee break</i>	
11:00-11:30	Advanced Surveillance Systems: IACIT Solutions	IACIT Reinaldo De Campos Goncalves Junior
11:30- 12:00	ADS B Satellite technology	AIREON Cyriel Kronenburg
12:00-12:30	Advance surveillance solution for CAR/SAM Region	INTELCAN Jean Christophe Guay
12:30-13:30	<i>Lunch break</i>	
13:30-14:00	Harris' experience in the U.S. Surveillance Broadcast System (SBS)	HARRIS Holmes Liao
14:00-14:30	Modern surveillance system. Punctual and space distributed system	VNIIRA Iurii Kapoiko
14:30-15:00	Integration of radar with ADS B in Brazil	ATECH Edson Gomes

THURSDAY, 24 SEPTEMBER 2015

HOUR	SUBJECT	EXPOSITOR
SESSION 3: TECHNICAL AND OPERATIONAL GUIDANCE ON ADVANCED SURVEILLANCE TECHNIQUES AND ON AIDC AS AN AUTOMATION APPLICATION		
ADVANCE SURVEILLANCE MATTERS (CONT)		
09:00-10:00	Technical and operational guidance regarding advance surveillance techniques (ADS-B OUT avionics equipage & installation issues)	FAA Mr. Alex Rodriguez
10:00-10:30	<i>Questions</i> <i>Session summary - Advance surveillance matters</i>	
10:30-11:00	<i>Coffee break</i>	
AUTOMATION		
11:00-11:30	Overview of regional activities for the interconnection of automated ATC systems	ICAO Onofrio Smarrelli
11:30-12:00	Overview of Indra's turnkey ATM automation system	INDRA Pablo De La Viuda
12:00-12:30	Regional CAR/SAM AIDC implementation and operation - ICD Selection	ICAO Julio Siu
12:30-13:30	<i>Lunch break</i>	
13:30-14:00	Automation Aviation System Block Upgrade	THALES Cuq Frederic
14:00-14:30	Automation Interface Update North American, Caribbean and Central America	FAA Dan Eaves
14:30-15:00	Optimum protocol selection based on the interface environment between specific Flight Information Regions (FIRs) Continuity of AIDC/NAM information to operational implementation	FAA Dan Eaves
15:00-15:30	ATM/ATFM system automation in Brazil	ATECH Edson Gomes
15:30-16:00	<i>Questions / Session Summary - Automation</i>	

FRIDAY, 25 SEPTEMBER 2015

HOUR	SUBJECT	EXPOSITOR
SESSION 4: IMPLEMENTATION OF ADVANCED SURVEILLANCE AND AUTOMATION SYSTEMS BY STATES FROM CAR AND SAM REGIONS		
09:00-10:30	States' implementation of advance surveillance systems and AIDC	Presentations by CAR/SAM Region States
10:30-11:00	<i>Coffee break</i>	
11:00-12:00	States' implementation of advance surveillance systems and AIDC	Presentations by CAR/SAM Region States
12:00-12:30	<i>Questions/ Session Summary</i>	
12:30-13:30	<i>Lunch break</i>	
SESSION 5: OPERATIONAL REQUIREMENTS, DESIGN, INSTALLATION, VALIDATION AND COMMISSIONING OF THE SURVEILLANCE AND AUTOMATION SYSTEM		
13:30-14:30	Operational requirements, design, installation, validation and commissioning of the surveillance and automation system (Wide Area Multilateration Implementation (WAM) Example)	FAA Alex Rodriguez
14:30-15:00	<i>Questions/ Session Summary</i>	
15:00-15:30	CONCLUSIONS/RECOMMENDATIONS OF THE SEMINAR/ WORKSHOP	ICAO
15:30-16:00	CLOSING CEREMONY AND DELIVERY OF CERTIFICATES	Civil Aviation Authorities of Panama and ICAO