



FINAL PROGRAMME

Revision: 09 May 2002

MONDAY 6 MAY 2002		
Time	Item / Activity	Speaker
08:00-09:00	Registration and administrative arrangements	
	OPENING SESSION Moderator: Mr. Gabino Cid Jiménez, IACC, Cuba	
09:00-09:20	Opening - Introduction and opening remarks on the objectives and consideration of ICAO on the implementation of the CNS/ATM Systems - Welcome and opening remarks	Mr. J. A. Díaz de la Serna, ICAO-NACC Deputy Regional Director Mr. Argimiro Ojeda Vives, Vice-President, IACC Cuba
09:20-09:30	Break	
	Session ATN/1 – Overview of the ATN Moderator: Mr. A. Martinez, ICAO	
09:30-10:30	1.1 - Overview of the ATN	Mr. M. Paydar, ICAO
10:30-11:00	Coffee break	
	Session ATN/2 – ATN Communication Services Moderator: Mr. M. Paydar, ICAO	
11:00-11:45	2.1 – Internet and upper layers communication service	Mr. A. Sharma, SITA
11:45-12:30	2.2 – ATN air-ground subnetworks	Mr. R. Oishi, ARINC
12:30-13:15	2.3 – Air-Ground applications	Mr. M. Asbury, FAA



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Varadero, Cuba, 6-9 May 2002



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Time	Item / Activity	Speaker
13:15-13:45	Coffee break	
13:45-14:30	2.4 – Ground-Ground applications A) AIDC B) AMHS	Mr. Asbury, FAA Mr. H. Tran, FAA
14:30-15:00	2.5 – FAA Ground-to-Ground ATN Plan	Mr. H. Tran, FAA

TUESDAY 7 MAY 2002

Time	Item / Activity	Speaker
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Session ATN/3 – ATN Current developments and initiatives
Moderator: Mr. A. Martinez, ICAO

09:00-09:30	3.1 – ATN/VDL Mode 2 implementation status	Ms. A. Mattos, SITA
09:30-10:10	3.2 – USA/Japan AMHS trial	Mr. Hoang Tran, FAA
10:10-10:45	3.3 – Current Status of Controller-Pilot Data Link Communication (CPDLC) Build 1, 1A, and Beyond	Mr. M. Asbury, FAA
10:45-11:15	Coffee break	
11:15-11:50	3.4 – ATN Subnetwork implementation: VDL Mode 2/CPDLC	Mr. R. Oishi, ARINC

Session ATN/4 – ATN Regional planning and implementation considerations
Moderator: Mr. M. Paydar, ICAO

11:50-12:30	4.1 – CAR/SAM Regional planning and implementation	Mr. A. Martínez, ICAO
12:30-13:00	4.2 – Regional ATN Transition Planning	Mr. Hoang Tran, FAA
13:00-13:30	Coffee break	



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Time	Item / Activity	Speaker
	Session ATN/5 – Implementation Status and Experiences of States / International Organizations Moderator: Mr. A. Martínez, ICAO	
13:30-13:50	5.1 – Implementation of the Digital Network of the Cuban Civil Aviation (REDAC)	Gabino Cid Jiménez, Cuba
	Session ATN/6 – Round table discussion/Questions and answers on ATN Moderator: Mr. M. Paydar, ICAO	
13:50-14:50	Round table discussion/questions and answers	ATN Speakers

WEDNESDAY 8 MAY 2002

Time	Item / Activity	Speaker
	Session GNSS/1 – Overview of the GNSS-related activities in ICAO Moderator: Mr. A. Martínez, ICAO	
09:00-09:30	1.1 – Overview of the GNSS-related activities in ICAO • GNSS general overview • Status of the GNSS SARPs	Mr. V. Iatsouk, ICAO
	Session GNSS/2 – Development of satellite-based augmentation systems (SBAS) Moderator: Mr. V. Iatsouk, ICAO	
09:30-09:50	2.1 – System overview	Mr. L. Andrada, AENA
09:50-10:10	2.2 – Wide-Area Augmentation System (WAAS)	Mr. H. Cabler, FAA
10:10-10:30	2.3 – European Geostationary Navigation Overlay Service (EGNOS)	Mr. L. Andrada, AENA
10:30-11:00	Coffee break	
	Session GNSS/3 – Development of ground-based augmentation systems (GBAS) Moderator: Mr. V. Iatsouk, ICAO	
11:00-11:25	3.1 – System overview	Mr. C. Dehaynain, STNA; France



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Time	Item / Activity	Speaker
11:25-11:45	3.2 – Local Area Augmentation System (LAAS)	Mr. B. Billmann, FAA
11:45-12:05	3.3 – GBAS frequency planning criteria	Mr. C. Dehaynain, STNA, France
12:05-12:30	3.4 – GBAS development and implementation activities in Europe	Mr. L. Andrada, AENA
Session GNSS/4 – GNSS evolution Moderator: Mr. V. Iatsouk, ICAO		
12:30-12:55	4.1 – Status of industry standards for GNSS	Mr. E. Chatre, EUROCAE
12:55-13:30	4.2 – GPS modernization	Mr. H. Cabler, FAA
13:30-14:00	Coffee break	
14:00-14:30	4.3 – Galileo	Mr. M. Bruns, Mr. E. Chatre, EC
Session GNSS/5 – GNSS protection and institutional issues Moderator: Mr. V. Iatsouk, ICAO		
14:30-14:50	5.1 – GNSS integrity monitoring and NOTAMs	Mr. E. Chatre, EC, Mr. H. Cabler, FAA
14:50-15:10	5.2 – GNSS spectrum and signal vulnerability issues	Mr. V. Iatsouk, ICAO
15:10-15:30	5.3 – GNSS institutional and economic issues	Mr. M. Bruns, EC



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THURSDAY 9 MAY 2002

Time	Item / Activity	Speaker
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Session GNSS/6 – GNSS procedure development

Moderator: Mr. A. Martinez, ICAO

09:00-09:45	6.1 – PANS-OPS (ICAO Doc 8168) criteria and airborne architectures	Mr. B. Billmann, FAA
09:45-10:30	6.2 – Results of the GNSS procedure development project in the Southern African Development Community (SADC)	Mr. R. Cole, ISI

10:30-11:00 Coffee break

Session GNSS/7 – GNSS planning and implementation process

Moderator: Mr. A. Martinez, ICAO

11:00-11:30	7.1 – GNSS planning and implementation strategy 7.1B - Status of the Brazilian Trials of the SBAS and GBAS Augmentation systems.	Mr. A. Martinez, ICAO
11:30-11:50	7.2 – SBAS test bed in the CAR/SAM Regions	Ms. C. Fagan, FAA
11:50-12:10	7.3 – GNSS certification and operational approvals	Mr. H. Cabler, FAA
12:10-12:20	7.4 – WAAS LPV Charting requirements	Mr. H. Cabler, FAA

Session GNSS/8 – Implementation status and experiences of States/International Organizations

Moderator: Mr. A. Martínez, ICAO

12:20-12:40	8.1 – WGS-84 implementation status and experiences in Cuba	Ms. Mirta Crespo, Cuba
12:40-13:00	8.2 – Implementation and use of GNSS in the air space of Colombia	Mr. A. Muñoz, Colombia

13:00-13:30 Coffee break

Session GNSS/9 – Round table discussion/Questions and answers on GNSS

Moderator: Mr. V. Iatsouk, ICAO

13:30-14:30	Round table discussion/questions and answers	GNSS Speakers
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Closing



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Time	Item / Activity	Speaker
14:30-14:45	• Submission of certificates to speakers and participants	
14:45-15:00	• Closing remarks by Mr. M. Paydar, Mr. V. Iatsouk, Mr. A. Martinez from ICAO and Mr. A. Ojeda, Vice-President. IACC	

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