

## **SEMINAR ON CNS/ATM IMPLEMENTATION OPTIONS**

(Sao Jose dos Campos, Brazil, 28 October to 1 November 1996)

### **PROVISIONAL AGENDA**

#### **28 October**

0800           Transportation Hotels/IPV

**Agenda Item 1:       General/Administration  
Date/hours           Topics**

**Presenters**

0900-1000	Registration	Secretariat
1000-1030	Opening Remarks	
1030-1040	Administrative Arrangements	Secretariat
1040-1100	Coffee break	

**Agenda Item 2: Overview of CNS/ATM Activities**

**Date/hours           Topics**

**Presenters**

1100-1110	"The Bridge Builder"	Video
1110-1140	Overview of planning activities in the CAR/ SAM regions	P. Hegedus (ICAO)
1140-1210	CNS/ATM systems	N. Ostiguy (ICAO)
1210-1230	Coffee break	
1230-1310	Overview of CNS/ATM in the CAR/SAM Region	J.M. Ceppi (ICAO)
1310-1350	CNS/ATM-User's perspectives	S. Sales (IATA)
1350-1400	International civil aviation and the environment	Video
1430	Transportation IPV/Hotels	
1845	Transportation Hotels/IPV (Optional)	
1900	Barbecue IPV (Optional)	
2215	Transportation IPV/Hotels	

**29 October**

0800 Transportation from Hotels to IPV

<b>Item 3 Date/hours</b>	<b>Communication Topics</b>	<b>Presenters</b>
0830-0900	VHF data link (VDL) overview and technologies (CSMA, TDMA, STDMA)	J. Chagas (ICAO)
0900-0930	AMSS overview and technologies	N. Ostiguy (ICAO)
0930-1000	HF data link overview and technology	J. Chagas (ICAO)
1000-1020	Coffe Break	
1020-1040	Relative merits of data link/frequency spectrum issues and the ITU	J. Chagas (ICAO)
1040-1110	ATN overview and status report	E. Adelson (ARINC)
1110-1140	Communications development towards an ATN environment in the CAR/ SAM regions	C. Stehli (OACI)
1140-1210	Data links implementation and their applications	E. Adelson (ARINC)
1210-1230	Coffee break	
1230-1300	SITA's data link implementation and applications	S. Martins (SITA)
1300-1330	Airlines data links development in the CAR/ SAM regions	S. Martins (SITA)
1330-1400	Data link development - The DATACOM System of Brazil	G. A. Camargo de Oliveira (DEPV)
1420	Transportation IPV/Hotels	

**30 October**

0800            Transportation Hotels/IPV

<b>Item 3 Date/hours</b>	<b>Communication Topics</b>	<b>Presenters</b>
0830-0900	Airborne AVIONICS, present and future	P. Potocki (AIRBUS)
0900-0930	Panel discussion on communication	

<b>Agenda Item 4: Date/hours</b>	<b>Navigation Topics</b>	<b>Presenters</b>
0930-0940	GNSS	Video
0940-0950	ICAO activities (SARPs/institutional issues)	N. Ostiguy (ICAO)
0950-1020	GPS/GNSS system description, applications (approach and landing), policy	Drazen Gardilcic (FAA)
1020-1040	Coffe Break	
1040-1110	GNSS augmentation systems overview and technologies	Hans Iliou (Daimler-Benz Aerospace)
1110-1140	Application of augmentation systems	Thomas Jessulat (Daimler-Benz Aerospace)
1140-1210	Overview of WGS-84	A. Pavlovic (ICAO)
1210-1230	Coffe Break	
1230-1330	WGS-84 surveying standards/methods	A. Pavlovic (ICAO)
1330-1400	Differentia GPS	H. Pierce (Honeywell)
1405	Transport to CTA Restaurant	
1510	Visit of EMBRAER (Group A) Visit of IPV (Group B)	

**31 October**

0800 Transport Hotels/IPV

**Item 4: Navigation  
Date/hours Topics**

**Presenters**

0830-0910 Satellite landing system Harold Pierce (Honeywell)

0910-0940 Panel discussion on navigation

**Item 5: Surveillance  
Date/hours Topics**

**Presenters**

0940-1000 ADS overview N. Ostiguy (ICAO)

1000-1020 Coffee break

1020-1100 ADS/SSR integration D. Diez AENA (Spain)

1100-1120 Panel discussion on surveillance

**Item 6: Air Traffic Management  
Date/hours Topics**

**Presenters**

1120-1140 ATM overview N. Ostiguy (ICAO)

1140-1210 Integrated aeronautical information package/  
AIRAC A. Pavlovic (ICAO)

1210-1230 Coffee break

1230-1310 Aeronautical data bases/Future AIS A. Pavlovic (ICAO)

1310-1345 ATM system functionality  
Panel discussion on ATM R. Gervais (CAE)

1345-1415 Transport to CTA Restaurant

1420 Visit of IPV (Group A) Visit of EMBRAER (Group B)

1510

**1 November**

0800           Transportation from Hotels to IPV

**Item 7           CNS/ATM Planning & Implementation**  
**Date/hours    Topics**

**Presenters**

0830-0850    Global planning/Regional planning for CNS/  
ATM

J. Chagas (ICAO)

0850-0910    Cost/benefit analysis

N. Ostiguy (ICAO)

0910-1000    Results of the cost/benefit analysis for Spain

D. Diez, AENA (Spain)

1000-1020    Coffee break

1020-1040    Institutional aspects of CNS/ATM

N. Ostiguy (ICAO)

1040-1110    Regional planning

Drazen Gardilic (Chairman of the  
CNS/ATM/IC)

1110-1140    Panel discussion on CNS/ATM planning and  
implementation

1140-1200    Coffee Break

**Item 8:        Conclusion**  
**Date/hours    Topics**

**Presenters**

1200-1215    Conclusion of the meeting

J.M. Ceppi (ICAO)

1215-1230    Distribution of diplomas

Secretary

1230-1300    Closing remarks

Host/Meeting

1310           Transportation to hotels

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