

UNDP/ICAO REGIONAL PROJECT RLA/92/031

**CNS/ATM SEMINAR
INSTITUTIONAL ASPECTS AND COST BENEFIT ANALYSIS**

(Santiago de Chile, 11-15 December 1995)

REVISED AGENDA

Date/time	Topics	Presenters
ITEM 1. GENERAL/ADMINISTRATION		
11 Dec 1995		
0900-1000	Registration	
1000-1030	Opening remarks	P.I. Hegedus (ICAOREP)
	Allocution by host of meeting	CAA, Chile
1030-1040	Administrative arrangements	Secretariat
1040-1100	Coffee break	
1100-1110	"The Future is Now"	Video
ITEM 2. OVERVIEW OF CNS/ATM		
1110-1140	CNS/ATM systems	N. Ostiguy (ICAO)
1140-1210	Overview of planning activities in the Region	P.I. Hegedus (ICAO)
1210-1230	Coffee break	
1230-1300	Overview of CNS/ATM-related activities in ICAO	N. Ostiguy (ICAO)
1300-1340	Overview of CNS/ATM in the CAR/SAM Region	J.M. Ceppi (ICAO)
1340-1400	International civil aviation and the environment	Video

ITEM 3. COMMUNICATIONS**12 Dec 1995**

0900-0935	AMSS	F. Ryan (Inmarsat)
0935-1010	VHF data links and considerations	P. Tomassello (CAA, Italy)
1010-1030	Coffee break	
1030-1100	HF data links and considerations	P. Tomassello (CAA, Italy)
1100-1130	Data link applications and ATN	E. Adelson (ARINC)
1130-1200	SITA (Buying versus leasing services)	D. Demers (SITA)
1200-1220	Coffee break	
1220-1250	ARINC (implementation options)	E. Adelson (ARINC)
1250-1300	Results of COM/OPS DIV MTG and ITU work	N. Ostiguy (ICAO)

ITEM 4. NAVIGATION

1300-1310	GNSS	Video
1310-1340	GPS/GNSS system description and applications including approach and landing	B. Mahoney (FAA)
1340-1410	GNSS overlays	F. Ryan (Inmarsat)
1410-1420	Results of the COM/OPS DIV MTG	N. Ostiguy (ICAO)
1420-1500	Early application-benefits of using GPS	B. Mahoney (FAA)

ITEM 5. SURVEILLANCE**13 Dec 1995**

0900-0940	Radar data via satellite fixed links; a cost effective solution	D. Diez (AENA, Spain)
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0940-1010	Overview of ADS and ADS-SSR data integration; a cost effective solution	D. Diez (AENA, Spain)
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ITEM 6. AIR TRAFFIC MANAGEMENT

1010-1030	ATM	N. Ostiguy (ICAO)
1030-1050	Coffee break	
1050-1130	ATM planning	H. Gervais (CAE)

ITEM 7. CNS/ATM PLANNING & IMPLEMENTATION

1130-1200	Global planning for CNS/ATM	N. Ostiguy (ICAO)
1200-1230	Regional planning	J.M. Ceppi (ICAO)
1230-1250	Coffee break	
1250-1320	Planning services in the European Region	P. Tomassello (Italy)
1320-1350	Users' views on CNS/ATM	Al Castan (IATA)
1350-1420	Pilots' views on CNS/ATM	L. Garcia (IFALPA)

ITEM 8. LEGAL ISSUES RELATED TO CNS/ATM AND OTHER RELATED MATTERS

14 Dec 1995

0900-0945	General institutional issues/Legal framework for GNSS	Dr. M. Pourcelet (ICAO)
0945-1030	Enhancement of ICAO standards registration of aeronautical agreements	Dr. M. Pourcelet (ICAO)
1030-1050	Coffee break	
1050-1130	Safety oversight/Legal implications	Dr. M. Pourcelet (ICAO)
1130-1210	Socio economic studies concerning limit of liability in Warsaw	Dr. M. Pourcelet (ICAO)

ITEM 9. COST BENEFIT ANALYSIS

1210-1240	The "WHAT" and "WHY" of CBA?	A. Smith (ICAO)
1240-1300	Coffee break	
1300-1400	System implementation options and technical/policy/institutional assumptions	A. Smith (ICAO)

15 Dec 1995

0900-0945	Net present value analysis	A. Smith (ICAO)
0945-1030	Issues and applications and alternative methods of evaluation	A. Smith (ICAO)
1030-1050	Coffee break	
1050-1130	CBA in Spain	D. Diez (AENA, Spain)
1130-1230	CBA workshop/model	A. Smith (ICAO)
1230-1250	Coffee break	
1250-1315	Conclusion on CBA	A. Smith (ICAO)

ITEM 10. CONCLUSION

1315-1330	Conclusion of the meeting	ICAOREP
1330-1350	Distribution of diploma	Secretariat
1350-1400	Closing remarks	Host/Meeting