

**INTER-REGIONAL SEMINAR ON THE TRANSITION FROM SECAM
TO DIGITAL TV BROADCASTING**

HOTEL TOURIST, KIEV, UKRAINE, 13-15 NOVEMBER 2000

PROGRAMME

SEMINAR STEERING COMMITTEE

Mr. Petko Kantchev, ITU/BDT, Switzerland
Mr. Mark Landsman, USCRF, Ukraine
Mr. Alexander Papaioannou, ITU/BDT, Switzerland
Mr. Vladimir V.Plekhanov, RCC, Russian Federation
Mr. David Wood, EBU, Switzerland

SEMINAR PROGRAMME COMMITTEE

Mr. Joseph A. Flaherty, WTU-TC & NABA, USA
Mr. Oleg Gofaizen, USRIRTV, Ukraine
Mr. Petko Kantchev, ITU/BDT, Switzerland
Mr. Mark Krivocheev, NIIR, Russian Federation
Mr. Alfredo Magenta, RAI, Italy
Mr. Riyadh K. Najm, ASBU, Saudi Arabia
Mr. Giuliano Rossi, ITU/BR, Switzerland
Mr. Daniel Sauvet-Goichon, TDF, France
Mr. Valod Stepanian, ABU, Iran
Mr. Alexandar Todorovic, IAB, Switzerland
Mr. Marcel Toe, URTNA, Mali
Mr. David Wood, EBU, Switzerland

SUNDAY, 12 NOVEMBER 2000**16h00 - 20h00 Registration at Hotel Tourist****MONDAY, 13 NOVEMBER 2000****08h00 - 09h00 Registration at Hotel Tourist****09h00 – 09h30 OPENING CEREMONY****Chairman: Mr. Olexandr Baranov, The First Deputy Chairman of the State Committee of Communications and Informatization, Ukraine**

Opening Address by Mr. Oleg Shevchuk, the Chairman of the State Committee of Communications and Informatization, Ukraine

Mr. Boris Holod, Head, National Council of TV and Radio Broadcasting, Ukraine

Mr. Igor Gavrilov, First Deputy Chairman of the Committee for Freedom Expression and Information, the Parliament of Ukraine

Mr. Victor Pavliuk, Deputy Head of State Committee of Informatization of Ukraine

Mr. Petko Kantchev, Coordinator, Technology and Applications Group, ITU, Switzerland

Mr. David Wood, Head of New Technology, EBU, Switzerland

09h30 – 10h40 FIRST SESSION – Analogue Options for SECAM Enhancements**Moderator: Mr. Oleg V. Gofaizen, USRIRTV, Ukraine**

09h35 – 10h05 Evolution of Wide Screen Broadcasting in the United Kingdom. Mr. Paul Gardiner, ITC, United Kingdom

10h05 – 10h35 Options of Enhanced SECAM TV Transmission System. Mr. Oleg V. Gofaizen, USRIRTV, Ukraine

10h35 – 10h40 Moderator's Concluding Remarks

10h40 – 11h00 Refreshment Break**11h00 – 13h10 SECOND SESSION - Tutorial on MPEG-2 and MPEG-4, AC-3, MXF and DV Encoding and Compression****Moderator: Mr. Petko Kantchev, ITU, Switzerland**

11h05 – 13h05 Specifics of the MPEG-2 and MPEG-4 Video Compression. Video Coding Parameters, Prediction Modes, Motion Vectors, Micro blocks and GOP Structures. Specifics of the MPEG-2, MPEG-4 Audio Compression. Mr. Christopher G. Barritt, Sony Broadcasting & Professional Europe., United Kingdom

13h05 – 13h10 Moderator's Concluding Remarks

13h10 - 14h30 ***Lunch Break***

14h50 – 20h00 **THIRD SESSION – Digital Terrestrial Television Systems**

Moderator: Mr. Mark Krivocheev, NIIR, Russian Federation

14h50 – 15h40 The ATSC System. Mr. Robert K. Graves, ATSC, USA (Presented by Mr. David Wood, EBU, Switzerland)

15h40 – 16h40 The Digital Video Broadcasting System. Mr. Gerard Faria, ITIS, France & Mr. Antony Smith, DVB Project Office, Switzerland

16h40 – 17h40 The ISDB-T System. Mr. Masafumi Saito, NHK, Japan

17h40 – 18h00 ***Refreshment Break***

18h00 – 18h30 Strategy Policy Regulatory Considerations and Decision Making Process of Going to Digital TV in Brazil, Mr. José Leite Pereira Filho, ANATEL, Brazil

18h30 – 19h20 Digital Television Broadcasting Systems Test Results in Brazil. Mr. Renato de Mendonça Maroja, CPQD, Brazil

19h20 – 19h50 Digital TV Experimental Zones in Russia. Mr. Vasily I. Pavlov, Ministry for Communications and Informatization, Russian Federation

19h50 – 20h00 Moderator's Concluding Remarks

TUESDAY, 14 NOVEMBER 2000

09h00 – 12h30 **FOURTH SESSION – Digital TV Via Satellite. Interactivity Aspects. Future Cooperation with Mobile Operators. Audio Compression**

Moderator: Mr. David Wood, EBU, Switzerland

09h00 – 09h40 EUTELSAT Digital TV Systems. Mr. Nicolai Orlov, EUTELSAT, France

09h40 – 10h20 ASTRA Digital TV and Multimedia Systems. Mr. David Netterville, SES-ASTRA, Luxembourg

10h20 – 11h00 Digital Satellite Broadcasting and HDTV Services in Japan. Mr. Masafumi Saito, NHK, Japan

11h00 – 11h30 ***Refreshment Break***

11h30 – 12h00 Cooperation of Future Digital TV Broadcasting with the IMT-2000 Operators. Mr. Daniel Sauvet-Goichon, TDF, France

12h00 – 12h30 Audio Systems for Digital TV. Mr. Tony Spath, Dolby Laboratories, Inc., United Kingdom

12h30 – 12h40 Moderator's Concluding Remarks

12h40 – 14h00 ***Lunch Break***

14h00 – 19h30 **FIFTH SESSION – Frequency Planning for Digital Television**

Moderator: Mr. Stanko Perpar, RTVS, Slovenia

14h00 – 14h50 Tutorial on Frequency Planning for Digital Television and On-Going Studies of ITU-R WP 6P. Mr. Stanko Perpar, RTVS, Slovenia.

14h50 – 15h40 Computer-Based Software Frequency Planning Tools for Digital TV Broadcasting Service. Mr. Klaus Huber, L&S TELECOM AG, Germany

15h40 – 16h40 International Coordination of DVB-T Frequencies in Europe. Mr. Jan Doeven, Nozema NV, The Netherlands

16h40 – 17h10 Refreshment Break

17h10 – 17h50 The Manufacturer's view on Aspects Related to Digital Network Implantation. Mr. Friedrich Rottensteiner, Rohde & Schwarz GmbH & Co, Germany

17h50 – 18h00 Moderator's Concluding Remarks

19h30 Reception**WEDNESDAY, 15 NOVEMBER 2000****09h00 – 17h00 SIXTH SESSION – Migration Options for Digital Television****Moderator: Mr. Petko Kantchev, ITU, Switzerland**

09h05 – 09h40 Digital Terrestrial Television Transition Strategy for Brazil, Mr. Jarbas J. Valente, ANATEL, Brazil

09h40 – 10h10 The Czech Experience. Mr. Petr Vitek, CTV, Czech Republic

10h10 – 11h15 Digital Terrestrial Television Transition Strategy for Germany. Mr. Gerd Bock, IRT, Germany (Presented by Mr. Roland Brugger, IRT, Germany)

11h15 – 11h40 The Transition from Analog to Digital Broadcasting, Mr. J.A. Flaherty, CBS, United States of America. (Presented by Mr. David Wood, EBU, Switzerland)

11h40 – 12h00 Refreshment Break

12h00 – 12h20 The DVB-T Experience in the Netherlands. Mr. Jan Doeven, Nozema TV, The Netherlands

12h20 – 12h40 Digital TV Strategy in Russia. Mr. Vasiliy I. Pavlov, Ministry for Communications and Informatization, Russian Federation

12h40 – 13h00 Ukraine's Transition Strategy from SECAM to Digital TV. Mr. Sergiy Glotov, SCCI and Mr. Ivan Omelianuk, Director, Scientific-Industrial Enterprise "Kvant-Efir", Ukraine

13h00 – 13h05 The Paradigm Shift: From Analogue Television to Digital Multichannel Television & On Demand Services. Mr. David Wood, EBU, Switzerland

13h05 – 13h20 Discussion

13h20 – 13h30 Closing ceremony

Ms. Elena Poletaeva, Head of Department, RCC, Russian Federation

13h30 – 15h00 Lunch Break

15h00 – 17h00 City Tour for Participants