

Received: 7 April 2010  
Reference: Document 6A/301,  
Annexes 1 and 3 to Document 1A/252

**Document 6A/317-E**  
**9 April 2010**  
**English only**

## **World Broadcasting Unions - Technical Committee (WBU-TC)<sup>1</sup>**

### **TOWARDS A PDNR ON “POWER LINE HIGH DATA RATE TELECOMMUNICATIONS SYSTEMS”**

Protection requirements for broadcasting systems operating in the LF, MF, HF and VHF bands against the radiation from PLT systems. As the technical arm of the World Broadcasting Unions, the Technical Committee (WBU-TC) is responsible for technical broadcasting issues of importance to the Members of the World Broadcasting Unions. The work of the WBU-TC focuses on issues and areas to which all Unions are welcome to contribute to, and which materially affect broadcasting in all regions of the world.

The WBU-TC has been following, with great interest, the discussions in ITU-R Working Party 6A concerning the introduction of Power Line Telecommunications (PLT) technology. In general, the WBU-TC is concerned with the need and methods to protect broadcasting services from interference caused by emissions from devices without a corresponding frequency allocation in the Radio Regulations. Of particular interest are devices using PLT technology that produce fundamental emissions in the frequency bands allocated to the broadcasting service.

The WBU-TC has noted with concern that the recently approved Recommendation ITU-T G.9960 will have a devastating impact upon all Broadcasting Services in the frequency bands up to 200 MHz and beyond. Recommendation ITU-T G.9960 introduces broadband noise at significantly higher power levels through radiation emitted from electrical wiring. The WBU-TC appreciates the efforts of Working Party 1A to form a Rapporteur's Group which will attempt to resolve this issue with ITU-T Study Group 15 (Document 6A/301 and Annex 1 to Document 1A/252).

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<sup>1</sup> The WBU-TC is the standing technical body of the World Broadcasting Unions, whose Members are:

- Asia-Pacific Broadcasting Union (ABU)
- Arab States Broadcasting Union (ASBU)
- The African Union of Broadcasting (AUB)
- Caribbean Broadcasting Union (CBU)
- European Broadcasting Union (EBU)
- International Association of Broadcasting (IAB)
- North American Broadcasters Association (NABA)
- Organizacion de Telecomunicaciones Iberoamericanas (OTI)

The WBU-TC notes with pleasure that Working Party 1A made significant progress on a preliminary draft new Recommendation SM.[PLT] (Annex 3 to Document 1A/252). Most notable is the compromise of 0.5 dB reached as the protection criterion to be applied to the broadcasting services for protection from PLT systems. The WBU-TC fully supports this compromise and encourages Working Party 6A to establish 0.5 dB as a suitable criterion for the protection of the broadcasting service from interference by PLT systems.

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