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Subject: Question ITU-R 221-1/1

World Broadcasting Unions - Technical Committee (WBU-TC)¹

TOWARDS A PDNR ON “POWER LINE HIGH DATA RATE TELECOMMUNICATIONS 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 1A 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 pleasure that satisfactory progress has been already made with some ITU-R Recommendations on the subject of interference. The WBU-TC notes, with concern however, that the same has not yet happened with some other equally important ITU-R Recommendations on the same subject.

¹ 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 that several documents related to the PDNR on “Power line high data rate telecommunications systems” found in Annex 3 of the Chairman’s Report (Document 1A/62) as enumerated in Document 1A/98 were not consider during the meeting of Working Party 1A on 18-24 June 2008. The WBU-TC fully supports the request from NABA that these documents be carried forward and included with the documents for consideration at the meeting of Working Party 1A scheduled for 25 February to 4 March 2009.

The WBU-TC also notes that PLT systems do not have a frequency allocation in the Radio Regulations but do have emissions in the frequency bands allocated to the terrestrial broadcasting services. Recommendation ITU-R BT.1786 entitled “Criterion to assess the impact of interference to the terrestrial broadcasting service (BS)” provides the protection requirements for such devices and systems using the PLT technology. The WBU-TC fully supports the contribution from NABA, Document 1A/99, and its request that the above Recommendation be referenced in the *considerings*. The WBU-TC also agrees that the text describing national rules and regulations must be moved to the preliminary draft new Report in Annex 4 of Document 1A/62.
