

Received: 1 October 2008
Source: Document 6A/70
Subject: Resolution 953 (WRC-07)

Document 6A/79-E
2 October 2008
English only

North American Broadcasters Association (NABA)

PROPOSED LIAISON STATEMENT TO WORKING PARTY 1A INFORMATION ON SHORT-RANGE DEVICES REQUIRED FOR WRC-11 AGENDA ITEM 1.22

The North American Broadcasters Association (NABA, www.nabanet.com) is an association of broadcasters in Canada, Mexico, and the United States, and the NABA Technical Committee is its standing technical body. NABA is thus in a position to present the technical viewpoints of the most authoritative association of professional North American Broadcasters in television and sound programme production, post-production, and distribution for terrestrial, satellite, and cable broadcasting.

NABA is a Sector Member of ITU-R and a long-time participant in ITU-R Study Groups, Working Parties, Task Groups, Rapporteur groups, etc. NABA numbers among its members Chairmen, Vice-Chairmen and members of the above groups. NABA also participates widely in the ITU work on radio, television and multimedia services and has a strong interest in spectrum management studies including spectrum engineering techniques, spectrum management fundamentals, spectrum monitoring, and inter-service sharing, interference and compatibility.

In this context, NABA notes that the 2007 World Radiocommunication Conference included in the agenda for WRC-11, an Agenda item (A.I. 1.22) to examine the effect of emissions from short-range devices on radiocommunication services, in accordance with Resolution **953 (WRC 07)** and asks for ITU-R studies that could assist decisions at the 2011 Conference.

Working Party 1A was assigned (by CPM-11-1) to conduct these studies with the acknowledgement that ITU-R Study Groups 3, 4, 5, 6, and 7 are “Contributing” groups in the efforts of Working Party 1A.

Working Party 1A in Document 6A/70 has stated that it “would appreciate receiving from the relevant Working Parties any work they may have done in the past on SRDs – e.g., Recommendations, Reports, etc., so that WP 1A may better understand and characterize the emissions of SRDs and their impacts on radiocommunication services.”

NABA proposes a liaison statement in the Annex for submission to ITU-R Working Party 1A related to the protection of the Broadcasting Service from emissions by short-range radio devices.

Annex

Source: Document 6A/70
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Working Party 6A

LIAISON STATEMENT TO WORKING PARTY 1A INFORMATION ON SHORT-RANGE DEVICES REQUIRED FOR WRC-11 AGENDA ITEM 1.22

Working Party 1A in Document 6A/70 has stated that it “would appreciate receiving from the relevant Working Parties any work they may have done in the past on SRDs – e.g., Recommendations, Reports, etc., so that WP 1A may better understand and characterize the emissions of SRDs and their impacts on radiocommunication services.”

Working Party 6A is responsible for ITU-R studies concerning protection criteria for the terrestrial Broadcasting Service. Working Party 6A appreciates the opportunity to contribute to the effort of Working Party 1A in developing CPM text for Agenda item 1.22, Resolution 953 “Protection of radiocommunication services from emissions by short-range radio devices”. Working Party 6A notes that these systems are non-broadcasting radiocommunication devices with emissions that may occur in the frequency bands allocated to the broadcasting services. Furthermore, these emissions are from applications not having a corresponding frequency allocation in the Radio Regulations.

Working Party 6A brings to the attention of Working Party 1A the existing Recommendation ITU-R BT.1786 “Criterion to assess the impact of interference to the terrestrial broadcasting service (BS)” that establishes the criterion to assess the impact of interference to the terrestrial broadcasting service from such devices. The acceptable limit for the **total** interference to the broadcasting services that may result from the aggregate emissions of those devices “should at no time exceed one per cent of the total receiving system noise power”.

Working Party 6A invites Working Party 1A to incorporate the above protection criteria in its CPM text, wherever emissions from short-range radio devices occur in frequencies allocated to the terrestrial broadcasting service.

To further assist in the work, Working Party 6A would like to ask Working Party 1A to provide relevant information on short-range radio devices to be considered (e.g., transmission characteristics) and its work plan towards WRC-11.

Contact: TBD

E-mail: TBD