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Source: Documents 6A/67, 1B/27 and 1B/40(Annex 1)

## **North American Broadcasters Association (NABA)**

### **PROPOSED LIAISON STATEMENT TO WORKING PARTY 1B REQUIREMENTS FOR PROTECTION AGAINST INTERFERENCE GENERATED BY SHORT RANGE DEVICES (SRD) OPERATING IN THE TERRESTRIAL BROADCAST BANDS**

The North American Broadcasters Association (NABA, [www.nabanet.com](http://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 Working Party 1B has responded in Document 6A/67 to the liaison statement sent by Working Party 6A (Doc. 1B/27). Working Party 6A brought to the attention of Working Party 1B the existence of Recommendation ITU-R BT. 1786. Working Party 6A further invited "Working Party 1B to incorporate the above protection criteria in its working documents wherever SRD emissions occur in frequencies allocated to the terrestrial broadcasting service".

NABA notes that Annex 1 of Document 1B/40, entitled "PRELIMINARY DRAFT REVISION OF RECOMMENDATION ITU-R SM.1538-2 - Technical and operating parameters and spectrum requirements for short range radiocommunication devices" intends to address Question ITU-R 213/1.

The Question in *decides* 1 explicitly asks:

“1 What power levels, technical criteria, and emission masks are required for these devices to prevent harmful interference to other telecommunication services?”

NABA also notes that Working Party 1B proposes the removal of the reference to Recommendation ITU-R BT.1786 notwithstanding the invitation of Working Party 6A to include the reference as a means to answer the above Question with respect to the Broadcasting Service.

NABA proposes a liaison statement in the Annex for submission to Working Party 1B to respectfully encourage the inclusion of protection requirements related to the Broadcasting Service from emissions by short-range radio devices in the revision of Recommendation ITU-R SM.1538.

## ANNEX

References: Document 6A/67  
Document 1B/27  
Annex 1 of Document 1B/40

### Working Party 6A

#### DRAFT LIAISON STATEMENT TO WORKING PARTY 1B REQUIREMENTS FOR PROTECTION AGAINST INTERFERENCE GENERATED BY SHORT RANGE DEVICES (SRD) OPERATING IN THE TERRESTRIAL BROADCAST BANDS

Working Party 6A thanks Working Party 1B for its response (Document 6A/67) to our contribution (Document 1B/27) to the working document toward a preliminary draft revision of Recommendation ITU-R SM.1538-2 “Technical and operating parameters and spectrum requirements for short range radiocommunication devices.”

Working Party 6A brought to the attention of Working Party 1B the existence of 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 from various devices including short-range radio devices.

Working Party 6A notes that Working Party 1B in Annex 1 of Document 1B/40 proposes the removal of the reference to Recommendation ITU-R BT.1786 notwithstanding the invitation of Working Party 6A to include the reference as a means to answer Question ITU-R 213/1 with respect to the Broadcasting Service.

Working Party 6A appreciates that Working Party 1B considers Recommendation ITU-R SM.1538, not as a Recommendation, but “rather a guidance, which contains some relevant information on the technical and operating parameters and spectrum use of SRDs in one region and some countries.”

However, Working Party 6A further notes that Question ITU-R 213/1 in *decides* 1 explicitly asks:

Quote:

**1** What power levels, technical criteria, and emission masks are required for these devices to prevent harmful interference to other telecommunication services?”

Unquote

In order to more fully address Question ITU-R 213/1, Working Party 6A respectfully encourages Working Party 1B to include protection requirements related to the Broadcasting Service from emissions by short-range radio devices in its revision of Recommendation ITU-R SM.1538.

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