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North American Broadcasters Association (NABA)

ON THE STUDY OF SOFTWARE-DEFINED RADIO AND COGNITIVE RADIO SYSTEMS FOR WRC-11 AGENDA ITEM 1.19

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.

NABA has been following, with great interest, the discussions in ITU-R Working Party 1B concerning WRC-11 Agenda item 1.19, Resolution **956 (WRC-07)** “Regulatory measures and their relevance to enable the introduction of software-defined radio and cognitive radio systems” as described in the Chairman’s Report (Document 1B/40). In general, NABA is concerned with the need and methods to protect broadcasting services from interference.

NABA has noted that Working Party 6A in Document 1B/49 offers some revisions to the definitions of software-defined radio (SDR) and cognitive radio systems (CRS). NABA fully supports the changes proposed by Working Party 6A.

NABA agrees with Working Party 6A that SDR and CRS should not jeopardize the performance of the broadcasting service. NABA also expects that the application of SDR and CRS technologies within any radiocommunication service will not result in interference to the broadcasting service.