

## DRB Subcommittee Goals & Objectives

*Adopted by the Subcommittee on September 20, 2006*

In April, 2005 the Subcommittee adopted a formal standard (NRSC-5) for the implementation of in-band/on-channel (IBOC) digital radio broadcasting in the U.S. utilizing the IBOC technology developed by iBiquity Digital Corporation. This standard was further modified in September, 2005 and was published as NRSC 5-A.<sup>1</sup>

With this Standard in place, the Subcommittee now turns its attention to the maintenance and potential future enhancement of this Standard.

### **Objectives:**

- (1) To ensure that NRSC-5 will continue to furnish broadcasters and manufacturers of both broadcast and receiver equipment with a complete, up-to-date and open transmission and reception specification of the AM and FM IBOC systems, providing a clear path for the prompt adoption of this technology and ensuring that all IBOC equipment will be suitable for all modes of the IBOC system.
- (2) To provide a cross-industry body to review new proposals for digital radio standards describing information and/or entertainment services which can be transported using a compliant NRSC-5 IBOC signal, or RF services which can co-exist with NRSC-5 IBOC transmissions, and where appropriate establish a course of action.

### **Goals:**

To meet its objective, the Subcommittee will work towards achieving the following goals:

- (a) To support and maintain the existing Standard to ensure that it contains all the up-to-date information necessary for broadcasters and equipment manufacturers to fully understand and implement the capabilities of IBOC technology;
- (b) To continue establishment of the technical record that will allow future readers to understand the technical parameters and tradeoffs upon which the Standard and subsequent revisions are based;
- (c) To provide information that may aid manufacturers of broadcast equipment and reception equipment to produce products that are interoperable and remain functional through continuing evolution of the technology; and to enable the technology to evolve compatible new features and services;
- (d) To encourage implementers and innovators of technology compatible with NRSC-5 to bring their innovations and new features to the NRSC for incorporation into the Standard;
- (e) To continue to foster a consumer experience that maintains the legacy of free over-the-air broadcasting and broadcast innovation, while enabling manufacturer flexibility to differentiate products and innovate new features;
- (f) To investigate and possibly evaluate the ability to interface with and support various data service protocols that may be developed to enable the broadcast of flexible and extensible data content and applications;
- (g) To work with the FCC and other interested organizations and parties in order to achieve universal acceptance of the IBOC system of AM and FM broadcasting.

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<sup>1</sup> Subsequent references to "NRSC 5" herein refer to the most up-to-date revision of the Standard, which at the time of adoption of this Goals & Objectives Statement was NRSC-5-A.