

SHARING RULES DRAFTING COMMITTEE SCOPE AND OBJECTIVES**Committee Scope**

The NII/SUPERNet Sharing Rules Drafting Committee operates under Article VII, Section 2 of the Bylaws of WINForum. It serves in an advisory capacity to the WINForum Board of Directors.

The main function of the committee is to draft spectrum sharing rules for the unlicensed "NII/SUPERNet" spectrum allocation near 5 GHz proposed by the FCC in ET Docket 96-102. The committee will also perform studies as necessary regarding coexistence with other services such as MSS, RLS and MLS, and will assist WINForum as necessary in updating the Commission on the progress of the work.

Liaison may be established with other groups with appropriate charters and interests.

Communication with regulatory authorities and their representatives must be approved by the WINForum board.

Scope of the Sharing Rules

The sharing rules will consist of operating requirements which NII/SUPERNet devices must follow to allow coexistence of disparate systems in the same frequency band with minimal interference. The rules are also intended to promote coexistence with other services sharing the same or adjacent spectrum.

WINForum's objective is to define the minimal regulatory framework required for coexistence of NII/SUPERNet devices from multiple manufacturers performing a range of diverse functions appropriate for the high signaling rates of NII/SUPERNet. It is expected that compliance with these rules will be mandatory and be enforced by the FCC through the equipment certification process.

The goal is to allow short and medium range systems using different air interfaces to coexist in an interference-limited environment by specifying constraints on power, bandwidth, transmission time and channel access mechanisms. The intent is to allow sufficient flexibility to promote innovation and low cost while encouraging spectrum efficiency and limiting potential for interference and abuse of the spectrum. The rules to be adopted will require devices and systems to assess spectrum usage and behave politely to avoid usage conflicts. The rules may utilize power detection techniques, but will not require the exchange of coded information, and consequently do not address the interoperability of unrelated devices. The provisions can be extended to additional spectrum allocations within the 5 GHz band.

Compliance with the rules will be verifiable by testing. Although test procedures are not part of the work of the Sharing Rules Drafting Committee, it is anticipated that there will be a follow-up standard on testing.

The rules will complement the UPCS allocation and rules (Etiquette) by providing a set of rules oriented to wider-bandwidth applications.