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Before the  
**FEDERAL COMMUNICATIONS COMMISSION**  
Washington, D.C. 20554

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

In the Matter of )

Amendment of Section 2.106 of the )  
Commission's Rules to Allocate )  
Spectrum at 2 GHz for Use by the )  
Mobile-Satellite Service )

ET Docket No. 95-18

**COMMENTS OF CISCO SYSTEMS, INC.**

Cisco Systems, Inc. supports the Commission's proposal to reallocate the 2110-2150 MHz band for Fixed and Mobile Services for assignment by competitive bidding.<sup>1</sup>

The 1997 Budget Act directs the Commission to reallocate the 40 MHz of spectrum at 2110-2150 MHz band for assignment by competitive bidding. To date the Commission has licensed that spectrum for use in a variety of fixed terrestrial microwave services.<sup>2</sup> However, under both the International Table of Frequency Allocations for Region 2 and the United States Table of Frequency Allocations, this band has already been allocated for use by Fixed and Mobile services on a co-primary basis.<sup>3</sup>

<sup>1</sup> See Amendment of Section 2.106 of the Commission's Rules to Allocate Spectrum at 2 GHz for Use by the Mobile-Satellite Service, Memorandum Opinion and Order and Third Notice of Proposed Rulemaking and Order, FCC 98-309 at ¶ 30 (rel. Nov. 27, 1998) ("2 GHz Rulemaking").

<sup>2</sup> See 47 C.F.R. Part 74 (Auxiliary Broadcasting), Part 78 (Cable Television), and Part 101 (Fixed Microwave). A very limited number of these frequencies were formerly available for fixed operations in support of public mobile service, but those channels have been allocated for use by emerging technologies and no new systems will be authorized in the band. *Id.* at §§ 22.591, 22.602.

<sup>3</sup> See 47 C.F.R. § 2.106. Both the ITU and the Commission define the "Fixed Service" as "[a] radiocommunication service between specified fixed points, and the "Mobile Service" as "[a] radiocommunication service between mobile and land stations, or between mobile stations." *Id.* at § 2.1.

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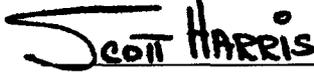
Accordingly, the Commission's proposal would be consistent with existing national and international spectrum allocations.

As the Commission notes in the *2 GHz Rulemaking*, this spectrum could be efficiently utilized for a number of services.<sup>4</sup> Cisco believes it would be especially suitable for the provision of fixed, interactive applications, such as broadband Internet access. By providing another alternative broadband "pipeline" into consumers' homes and businesses, such use of this spectrum would increase competition among delivery systems available to information service providers and offer a new outlet for innovation. The Commission should not restrict the allocation of this band in a way that would preclude its use for such a purpose.

For the foregoing reasons, Cisco supports the Commission's proposal to reallocate the 2110-2150 MHz band for Fixed and Mobile Services.

Respectfully submitted,

**CISCO SYSTEMS, INC.**

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<sup>4</sup> *2 GHz Rulemaking* at ¶ 30. Congress has endorsed flexible use spectrum allocations where, as here, they are consistent with international agreements and would serve the public interest. See 47 U.S.C. § 303(y).