

JAN 13 1994

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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

In the Matter of)	
)	
Amendment of the Commission's)	GEN Docket No. 90-314
Rules to Establish New Personal)	RM-7140, RM-7175, RM-7618
Communications Services)	

To: The Commission

FURTHER RESPONSE TO PETITIONS FOR RECONSIDERATION

Pursuant to Section 1.429 of the Commission's Rules,¹ the Fixed Point-to-Point Communication Section of the Network Equipment Division of the Telecommunications Industry Association ("TIA")² hereby submits its further response to various pleadings regarding the above-captioned decision.³ These pleadings address petitions for the Commission to reconsider

¹47 C.F.R. Section 1.429 (1992).

²TIA is the principal industry association representing fixed point-to-point microwave manufacturers. TIA members serve, among others, companies licensed by the Commission to use the 2 GHz private and common carrier bands to provide important and essential telecommunications services, including telephone companies, utilities, railroads, state and local governments, and cellular carriers. Thus, TIA's members are interested in protecting fixed microwave users from personal communications service ("PCS") interference.

³Second Report and Order, 8 FCC Rcd 7700 (1993) ("Order").

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or clarify provisions in the Order concerning interference protection for fixed microwave operations from PCS.⁴

TIA's working group, TIA TR14.11, which consists of a broad range of microwave and PCS industry representatives, is about to finalize its "Telecommunications Systems Bulletin No. 10-F, Interference Criteria for Microwave Systems" ("Bulletin 10-F"). This standard includes a separate annex addressing PCS-to-microwave interference criteria based upon the Commission's new microwave channel plans adopted in the Second Report and Order (ET Docket No. 92-9), 8 FCC Rcd 6495 (1993); standards for spectrum etiquette; separate requirements for short-haul and long-haul microwave paths; and procedures for prior coordination notice. No other recognized standard-setting organization is preparing comparable criteria.

In its Petition for Reconsideration of the Order, TIA requests that the Commission adopt Bulletin 10-F as the only standard for determining PCS-to-microwave interference.⁵ The TIA TR14.11 working group will complete Bulletin 10-F during its meeting the last week of January 1994. Bulletin 10-F should be approved within 30-60 days thereafter. Once approved by TIA TR14.11, Bulletin 10-F becomes a standard adopted by an ANSI-accredited body.

In the Order and in its Appendix D, the Commission prescribes a standard for calculating PCS-to-microwave interference. This standard generally has been opposed.⁶ TIA, along with

⁴The Order was published in the Federal Register on November 8, 1993. 58 FR 59174 (Nov. 8, 1993). The Commission's Public Notice, listing all the petitions for reconsideration and clarification of the Order, was published in the Federal Register on December 15, 1993. 58 FR 65595 (Dec. 15, 1993). The deadline for filing this pleading was extended to January 13, 1994. Order Denying Extension of Time, GEN Docket No. 90-314 (DA 93-1575, released Dec. 29, 1993).

⁵TIA Petition for Reconsideration ("TIA Petition") at 9-10.

⁶See TIA's January 3, 1994, Response to Petitions for Reconsideration ("TIA Response") at 5-6.

other petitioners, proposes interim revisions to Appendix D so that alternative accredited industry group standards could be used pending adoption of Bulletin 10-F.⁷

Unanimous support by the PCS and microwave industries exists for adopting TIA's proposals regarding designation of Bulletin 10-F as the only PCS-to-microwave interference standard and for modifying Appendix D to ensure its effectiveness as an interim standard. This unequivocal support is set forth in petitions for reconsideration addressing this issue by the PCS and microwave industries⁸ and continues in the second round of pleadings.⁹

A comprehensive record has been developed regarding Bulletin 10-F during this reconsideration phase of the captioned proceeding. The process of developing Bulletin 10-F has been open to full public participation. Based upon this record, the Commission has no choice but to adopt Bulletin 10-F as the single PCS-to-microwave interference standard, once it is

⁷See TIA Petition at 6-9; TIA Response at 5-6.

⁸See TIA Response at 2-6.

⁹American Personal Communications Opposition to Petitions for Reconsideration at 22; UTAM, Inc. Response to Petitions for Reconsideration at 6-8; American Petroleum Institute Statement of Partial Support and Partial Opposition at 2-3; Comments of Telocator at 8-9; Comments on Technical Issues by Telephone and Data Systems, Inc. at 2-3; MCI Opposition at 19-20; Comments of Association of American Railroads on Petitions for Reconsideration and Clarification at 2-4; Utilities Telecommunications Council Comments on Petitions for Reconsideration at 16-17; Alcatel Network Systems, Inc. Response to Petitions for Reconsideration at 2-3. Pacific Bell and Nevada Bell support the Okumura-Hata propagation model in Bulletin 10-F for suburban and rural systems, but they recommend the COST231 model for urban systems. Opposition and Comments of Pacific Bell and Nevada Bell to Petitions for Reconsideration at 3-4. For the past two years, the industry, led by TIA TR14.11, actively has evaluated various PCS-to-microwave interference models. The COST231 model advocated by Pacific Bell and Nevada Bell never has been submitted to TIA TR14.11 for consideration and thus its relative merit is unclear. TIA encourages Pacific Bell and Nevada Bell to attend the next TIA TR14.11 meeting in Washington, D.C. during the last week in January so that it can present the COST231 model for review.

finalized,¹⁰ and, in the interim, to adopt the proposed modifications to Appendix D. Moreover, under these circumstances, the Commission clearly has developed a record sufficient to adopt Bulletin 10-F as the only appropriate PCS-to-microwave interference standard without conducting a further rulemaking.

Respectfully submitted,

FIXED POINT-TO-POINT COMMUNICATION
SECTION OF THE NETWORK EQUIPMENT
DIVISION OF THE TELECOMMUNICATIONS
INDUSTRY ASSOCIATION


George Kizer, Chairman


Eric Schimmel
Vice President

Dated: January 13, 1994

gw03:165932

¹⁰TIA promptly will provide the Commission with Bulletin 10-F when it is finalized later this month.

CERTIFICATE OF SERVICE

I do hereby certify that copies of the foregoing Further Response to Petitions for Reconsideration will be served by first class mail, postage paid, on the following parties on the 13th day of January, 1994:

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