

0074-EX-ST-1999

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the Matter of)

Motorola Satellite Communications, Inc.)

File No. _____

Application for Special Temporary
Authority to Conduct Radio Propagation
Tests over Additional Frequencies)

EXPEDITED CONSIDERATION REQUESTED

REQUEST FOR RENEWAL OF SPECIAL TEMPORARY AUTHORITY

Pursuant to Section 309(f) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(f), Motorola Satellite Communications, Inc. ("Motorola") hereby requests renewal of its Special Temporary Authority ("STA") to conduct radio propagation tests in Prescott, Arizona over the following frequencies: 1990-2015 MHz, 2160-2160.01 MHz, 2165-2181 MHz, 2185-2190 MHz and 2199.99-2200 MHz. Motorola's current STA to conduct radio propagation tests over these frequencies, granted by the Commission on September 4, 1998, *see* Attachment 1, is set to expire March 4, 1999 and Motorola's underlying experimental license modification application for firm authority remains pending before the Commission. *See* Motorola Satellite Communications, Inc., Application for Modification of an Experimental License, FCC Form 442, File No. 6294-EX-M/L-1998 (filed October 19, 1998).

I. BACKGROUND

On April 2, 1998, Motorola requested an experimental license to collect propagation data in the 2 GHz band for use in the development of next generation mobile satellite communication systems. On May 14, 1998, Motorola amended its application to narrow the geographic scope of the relevant testing region to Prescott, Arizona. At that time, Motorola provided the Commission with technical information sufficient to demonstrate that Motorola would not cause harmful interference to any authorized user of the spectrum in its requested frequencies -- 1990-2011 MHz, 2169-2177 MHz and 2196-2198 MHz. In fact, Motorola supplied technical information sufficient to demonstrate that its testing would not cause harmful interference in any of the following frequencies: 1990-2025 MHz, 2160-2200 MHz. Motorola herein incorporates that showing by reference.

On August 21, 1998, Motorola requested Special Temporary Authorization to conduct radio propagation tests in Prescott, Arizona over the following frequencies: 1990-2015 MHz, 2160-2160.01 MHz, 2165-2181 MHz, 2185-2190 MHz and 2199.99-2200 MHz. On September 4, 1998, the Commission granted that request. *See* Attachment 1. On October 19, 1998, Motorola applied for modification of an experimental license (File No. 6132-EX-T/L-98) to include the additional frequencies covered by its Special Temporary Authorization. That modification application remains pending and Motorola's STA is set to expire March 4, 1999.

II. GRANT OF MOTOROLA'S REQUEST FOR RENEWAL OF ITS SPECIAL TEMPORARY AUTHORITY WILL NOT CAUSE ANY HARMFUL INTERFERENCE TO EXISTING USERS AND WILL SERVE THE PUBLIC INTEREST

The Commission has a long-standing policy of granting Special Temporary Authority for purposes of conducting tests where such authorization will not cause harmful

interference and will serve the public interest, convenience and necessity. *See, e.g., In the Matter of Newcomb Communications, Inc.*, Order and Authorization, 8 FCC Rcd. 3631, 3633 (1993); *In the Matter of Columbia Communications Corporation*, Order, 11 FCC Rcd. 8639, 8640 (1996); *In the Matter of American Telephone & Telegraph Company*, Order, 8 FCC Rcd. 8742, 8742 (1993). As discussed above, Motorola has previously demonstrated that its testing over the requested frequencies will not cause harmful interference to any authorized user of the spectrum. Moreover, grant of the instant STA renewal request will serve the public interest as it will enable Motorola to continue conducting experiments -- over a broader range of frequencies -- to collect propagation data to be used in the development of next generation mobile satellite communications systems.

III. SECTION 304 WAIVER

In accordance with Section 304 of the Communications Act of 1934, 47 U.S.C. § 304, Motorola hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum because of the previous use of the same, whether by license or otherwise.

IV. CONCLUSION

For the foregoing reasons, Motorola requests renewal of its Special Temporary Authority to conduct radio propagation experiments in Prescott, Arizona over the following frequencies: 1990-2015 MHz, 2160-2160.01 MHz, 2165-2181 MHz, 2185-2190 MHz and 2199.99-2200 MHz -- for a period of 180 days, or until the Commission acts on the underlying application, whichever is earlier. Motorola respectfully requests Commission action on this request for renewal no later than March 4, 1999.


ANTI-DRUG ABUSE CERTIFICATION

Pursuant to Section 1.2002 of the Commission's Rules, 47 C.F.R. § 1.2002 (1997).

Applicant certifies that neither Applicant nor any of their shareholders, nor any of their officers or directors, nor any party to this Application are subject to a denial of Federal benefits pursuant to authority granted in Section 5301 of the Anti-Drug Abuse Act of 1988.

Respectfully submitted,

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Dated: 02/25/99

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