

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL
(Nature of Service)

K A 2 X T F
(Call Sign)

XE FX & MO
(Class of station)

S-2863-EX-97
(File number)

NAME InterDigital Communications Corporation
King of Prussia, PA - NL 40-06-02; WL 075-23-58
(Location of station)
MOBILE: Within 24 km of King of Prussia

Special Temporary Authority is hereby granted to operate the radio transmitting apparatus described below:

Frequency (MHz)	Authorized Power (watts)	Emission Designator	Class of Station
360.025 - 370.000	20 (ERP)	20K0G1E	FX
370.025 - 380.000	20 (ERP)	20K0G1E	MO
380.025 - 390.000	20 (ERP)	20K0G1E	FX
390.025 - 399.900	20 (ERP)	20K0G1E	MO

Purpose of Operation: Conduct propagation and path loss measurements on Basic Exchange Telecommunication Radio Service equipment that is being developed for export.

This special temporary authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This special temporary authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control by the Government of the United States conferred by Section 706 of the Communications Act of 1934.

This authorization effective March 18, 1997 and
will expire 3:00 A.M. EST. June 18, 1997



5-2863-EX-97



InterDigital Communications Corporation
781 Third Avenue
King of Prussia, PA 19406-1409

March 17, 1997

Mr. Paul Marrangoni, Chief
Experimental Licensing Branch
New Technology Development Division
Office of Engineering and Technology
Federal Communications Commission
2000 M Street, NW
Washington, DC 20554

Re: InterDigital Communications corporation
Experimental Authorization KA2XTF
Request for an Extension of Special Temporary Authority
(File No. S-2694-EX-96)

Dear Mr. Marrangoni:

This is to request an extension of the Special Temporary Authority grant of December 18, 1996 to test equipment on certain frequencies prior to obtaining an experimental license to operate on those frequencies. The existing STA expires March 18, 1997. A copy of the STA is enclosed for the commission's reference. We request extension of the STA for either 90 days or until a pending application requesting an experimental license to operate on the subject frequencies is granted, which is less. That application was filed on October 23, 1996 and has been assigned FCC File NO. 5517-EX-ML-96.

I certify that no party to this request is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 853 (a).

If you have questions, please contact Rodney L. Joyce, Ginsburg, Feldman and Bress, 1250 Connecticut Avenue, NW, Washington D.C. 20036, telephone number: (202) 637-9005.

Sincerely,



Richard G. Saunders
Vice President, Customer Support

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Enclosure