

Telecommunications

Mobile Systems Division

4790 Eastgate Mall Road
San Diego, CA 92121Telephone 619-457-6000
FAX 619-457-6060

January 22, 1999

FEDERAL COMMUNICATIONS COMMISSION
Experimental Licensing Branch
2000 M Street, Suite 230
Washington, DC 20554

Dear Sir/Madam,

This is written to request a Special Temporary Authority (STA) so that we can operate our new GSM cellular telephone base station in New Orleans, Louisiana, next month at the CTIA show. Following is the information requested per 47 CFR para 5.56(b):

(1) Name and Address

ADC Mobile Systems
4790 Eastgate Mall Road
San Diego, CA 92121

(2) Need for Special Action

We would like to demonstrate our equipment, which has not yet been approved by the FCC, at the CTIA show. FYI, we requested and received an STA for the same equipment and a different show in September of 1998. That file number was S-3507-EX-1998. We have also received an Experimental License for this equipment, file number 6081-EX-ML-1998, but its only good for the San Diego location.

(3) Type of Equipment

GSM cellular telephone base station

(4) Purpose of the Operation

To demonstrate the product to prospective customers.

(5) Time and date of proposed operation

February 6 through 12, 1999

(6) Class of station, call sign, nature of service

Base Station: Class VIII, GSM Recommendation R.05.05, base station
Mobile: Class IV, GSM Recommendation R.05.05, handheld

(7) Location of proposed station

Convention Center, New Orleans, Louisiana

(8) Equipment to be used including name of manufacturer, model and number of units

Base station: InterWAVE Communications, Inc
656 Bair Island Road
Redwood City, CA 94063
1 unit

Mobile: Nokia Model 3110
10 units

(9) Frequency desired

Frequency MHz	Class Stn	Emission Designator	Power, Watts
901.0000	FX	300KGXW	50mw (ERP)
902.0000	FX	300KGXW	50mw (ERP)
903.0000	FX	300KGXW	50mw (ERP)
904.0000	FX	300KGXW	50mw (ERP)
905.0000	FX	300KGXW	50mw (ERP)
906.0000	FX	300KGXW	50mw (ERP)
946.0000	MO	300KGXW	600mw (ERP)
947.0000	MO	300KGXW	600mw (ERP)
948.0000	MO	300KGXW	600mw (ERP)
949.0000	MO	300KGXW	600mw (ERP)
950.0000	MO	300KGXW	600mw (ERP)
951.0000	MO	300KGXW	600mw (ERP)
1850.00000-			
1910.00000	FX	300KGXW	50mw (ERP)
1930.00000-			
1990.00000	MO	300KGXW	600mw (ERP)

(10) Max effective radiated power (ERP)

Base station: 50mw
Mobile: 600mw

(11) Type of emission

GSM Recommendation R.05.05

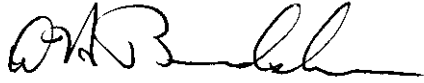
(12) Overall height of antenna structure above ground

10 feet

Also, attached is FCC form 159 and a check for \$45.00.

Thank you for your assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Beardshear', with a long horizontal flourish extending to the right.

Don H. Beardshear
Manager, Mechanical Engineering

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