

0052-EX-5T-1999

# NOKIA

CONNECTING PEOPLE

---

1101 Connecticut Ave. NW Washington, DC 20036  
PH: 202.887.0145 FX: 202.887.0432

20 January, 1999

Federal Communications Commission  
Common Carrier Land Mobile  
P.O. Box 358130  
Pittsburgh, PA 15251-5130

Dear Sir/Madame:

In accordance with Section 5.56 of the Commission's Rules, we request special temporary authority ("STA") to operate a radio facility for the purpose noted below.

The Fee Code for this application is EAE. An authorization of a credit card payment of \$45 and Form 159 are enclosed.

In support of this request, the following is shown:

1. Nokia Telecommunications, Inc.  
6000 Connection Dr., Irving, TX 75062

Attention: Leo R. Fitzsimon  
Tel. No.: 202/887-5330

2. Need for Special Action

The STA is requested in order to demonstrate to industry officials an advanced wireless data application based on Global System Mobile ("GSM") technology at the CTIA trade show within the Ernest N. Morial Convention Center on February 8-10, 1999.

3. Type of Operation

The system will consist of a low power base station (2.5 mW) with a 200 kHz bandwidth channel operating within the Ernest N. Morial Convention Center. We are requesting a STA for two channels in the frequencies specified below to ensure continued use in the event one channel is rendered inoperable due to unanticipated interference. The base station will communicate with portable radios, again, within the trade show.

*Not approved*

4. Purpose of Operation

The GSM system will be used for marketing and demonstration of its capabilities to industry representatives and consumers.

5. Dates of Operation

The demonstrations are planned to commence February 8, 1999 and be completed by February 10, 1999.

6. Class of Station/Radio Service

**Class of Station/Radio Service**

FBBS (Base)/Common Carrier Land Mobile (CD)

7. Location of Proposed Operation

Ernest N. Morial Convention Center  
900 Convention Center Blvd.  
New Orleans, LA 70130

LAT: 29° 56' 24.6"  
LONG: -90° 03' 54.0"

8. Equipment to be Used

The equipment to be used consists of Nokia's new line of GSM 900 Base Transmitter Stations (BTS) and the companion portable transceivers.

9. Operating Frequencies Desired

*Handwritten:*  
10/24/10/27/22  
5x

No. TX's	Frequency MHz	Class Stn	Authorized Power
Uplink (1)	902.00000- 915.00000	MO	2.500mW (ERP)
Downlink (10)	947.00000- 960.00000	FX	2.500mW (ERP)

10. Radiated Power

The maximum effective radiated power will not exceed limit of 2.5mW.

11. Type of Emission

The emission is 200KG7W.

12. Overall Height of Antenna

Less than six meters.

13. Eligibility

The applicant manufacturers equipment for cellular and PCS systems and subscribers.

14. Anti-Drug Abuse Certification

The applicant hereby certifies that neither it, its officers and directors, nor any party with a five percent or greater interest in this request for special temporary authority has been convicted of offences consisting of the distribution or possession of controlled substance as such terms are defined in Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862.

If there are any questions about this application, please contact the undersigned.

Thank you for your prompt attention to this request.

Respectfully,



Leo R. Fitzsimon  
Director  
Regulatory and Industry Affairs  
Nokia Inc.