



January 14, 1990

Mr. Frank Wright
Frequency Liaison Branch
Federal Communications Commission
2025 M Street NW
Washington, DC 20554

Subject: Experimental License Request For ETACS Radio

Dear Mr. Wright:

Ericsson General Electric Mobile Communications, Inc. currently has the need to request experimental usage of specific frequencies in the ranges of 901-902 MHz and 946-947 MHz. The frequencies requested will be used in the development of a European Total Access Communication System (ETACS) cellular mobile radio for export only.

A test system will be implemented consisting of one (1) base station operating at 45 watts and approximately ten (10) mobiles operating at 3 watts. The system will be operated under realistic conditions strictly within a fifty mile radius of the city of Lynchburg, Virginia.

As you recall from previous discussions, concerns were raised regarding the 946-947 MHz band because of its allocation for auxiliary broadcasting. We have done extensive research with our Area Frequency Coordinator, Mr. Ron Smith, and with the potential users in the area and have carefully selected frequencies that are substantially isolated from any area traffic. The selected frequencies are as follows:

<u>Station</u>	<u>Mobiles</u>
946.0375	901.0375
946.1375	901.1375
946.2375	901.2375

Therefore, we hereby formally request an experimental license for operation on these frequencies for two (2) years. If it is later discovered that our operation is in interference with legitimate licensees of these frequencies, we will either change frequencies under the Commission's supervision or terminate usage immediately.

Your assistance on this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bennett S. Cardwell".

Bennett S. Cardwell
International Regulatory Specialist