

May 23, 1997

William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, DC 20554

Re: Renewal of Experimental Authorization (KA2XHN)

Dear Mr. Caton:

COMSAT Corporation, by its COMSAT World Systems business unit (CWS), herein files its request for renewal of its KA2XHN experimental license and authorization.

As set forth in greater detail in its attached report, CWS has used its wideband mobile experimental authorization to begin determining the overall viability of wideband mobile services via the INTELSAT system. Renewal of CWS's experimental authorization is extremely important to our customers, including the U.S. Navy, which is extremely pleased with wideband mobile results and is planning expanded testing in the 1997-1999 timeframe. Additionally, future testing will focus on the emergence of inter-related technologies in such fields as emergency telemedicine, the development of enhanced gyroscope stabilizing mechanisms and antenna manufacture; and will contribute valuable information on the use of FSS frequencies in the maritime environment. Accordingly, renewal of CWS's experimental authority, as requested herein, will promote the public interest, convenience and necessity.

Respectfully submitted,

COMSAT World Systems

By: 

Robert A. Mansbach
Its Attorney

Attachments