

December 6, 1996

Experimental Licensing Branch  
Federal Communications Commission  
2000 M Street, N.W.  
Washington, DC 20554

RE: KA2XHN  
File No. 4800-EX-MR-94

Dear Sir or Madam:

COMSAT Corporation, by its COMSAT World Systems business unit ("COMSAT"), herein files a progress report required by the Federal Communications Commission in connection with the experimental authority granted in the above-captioned file.

Pursuant to its current experimental authorization, COMSAT continues to conduct several wideband mobile tests involving the transmission of voice and data transmissions at C- and Ku-band frequencies via the INTELSAT satellite system to and from seagoing vessels. These services are generally of the type which could not be offered by Inmarsat, due to bandwidth limitations inherent in L-band satellite networks.

The overall purposes of these experiments continues to be to demonstrate the use of C- and Ku-band communications via INTELSAT in the mobile maritime environment. Based on experience to date, it continues to appear that such service is technically compatible with existing fixed services and the electro-magnetic environment and have great promise for the international marketplace.

Respectfully submitted  
COMSAT Corporation  
COMSAT World Systems

By 

Robert A. Mansbach  
Its Attorney