

January 28, 1998

Experimental Licensing Branch
M.S. 1300E1
2000 M Street, N.W.
Washington, D.C. 20554

RE: KA2XHN

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 ("WBM") tests involving the transmission of voice and data signals 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 purpose of these experiments is to help provide a basis upon which the Commission can issue final rules addressing the provision of C- and Ku-band communications in a mobile maritime environment. Based upon experience to date, it appears that such service is technically compatible with existing fixed services and the electro-magnetic environment and will promote the public interest by developing the competitive marketplace.

Respectfully submitted,
COMSAT Corporation
COMSAT World Systems

By 
Robert A. Mansbach
Its Attorney