

0315-EX-ST-1999



THE ROSENSTIEL SCHOOL

October 5, 1999

Mr. Douglas A. Young
1300 - C1
Federal Communications Commission
Experimental Licensing Branch
2000 M Street, Suite 230
Washington, D.C. 20554

Dear Mr. Young:

The Rosenstiel School of Marine and Atmospheric Science (RSMAS) of the University of Miami requests the permission to operate a dual-frequency Doppler radio system to measure ocean surface currents along the shores of the Outer Banks of North Carolina between Duck and Corolla, NC from 15 October to 15 December, 1999. RSMAS is participating in a field experiment "SHOWEX" funded by the Office of Naval Research to study the properties of shoaling waves over the shelf.

The radio system consists of two shore stations separated about 25 km transmitting electromagnetic signals with a YAGI 4-element antenna and receiving backscatter with a sixteen element phased-array antenna system. The operational characteristics are:

Frequency MHz	Power (Watts)	Emission Designator
25.4	1000 (ERP)	110KPON
49.945	1413 (ERP)	440KPON

Please note that I submitted this request online on October 4, 1999, but my system crashed and I could not get the confirmation number. I believe that the filing number is **0307-EX-ST-1999**. I was not able to retrieve the information and continue where I left off.

Please advise us as soon as possible about granting a special temporary authorization to operate this radio system in the area and during the time described above.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Hans C. Graber".

Dr. Hans C. Graber
Director
Radar Ocean Sensing Laboratory
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