FORESTRY, CONSERVATION COMMUNICATIONS ASSN.

March 9, 2003



Fish & Wildlife Conservation Commission
Attn.: Bill Parrish
620 South Meridian Street
Tallahassee, Fl. 32399-1650

Reference: UHF Frequency 458.5375 MHZ for Experimental Radio Service.

Dear Mr. Parrish,

I coordinated the frequency 458.5375 MHZ for use in Monroe County Florida (Latitude 24-42-25, Longitude 81-05-54). My search showed that the closes site to this location that is co channel to this frequency is 180 km away and the nearest adjacent channel site is over 200 km. At the output power of 2 watts and ERP of 8 watts you are using you will not cause any interference with these sites.

As Coordinator for the FCCA I can approve this frequency at the location and conditions you indicated in your request.

Kenneth Goodwin
FCCA Region 2 Frequency Coordinator

EXHIBIT ONE

# FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION



OFFICE OF THE EXECUTIVE DIRECTOR
(850)487-3796 TDD (850)488-9542

EXHIBIT TWO

August 15, 2003

Federal Communications Commission
Office of Engineering & Technology
Experimental Licensing Bureau
4445 12th Street SW
Washington, DC 20554

Dear Sir or Madam:

Reference is made to Special Temporary Authorization, Call Sign WB9XSP, issued February 24, 2003.

The radio system addressed in this application is essential to a research project conducted by the Florida Marine Research Institute, South Florida Regional Laboratory of the Fish and Wildlife Conservation Commission, State of Florida. The research is designed to track and evaluate the behavior of spiny lobsters in their natural environment during open and closed seasons. The purpose of the research is to learn more about the lobsters and their feeding locations.

Radio communications is essential to the success of the research project. The radio system supporting the project will consist of approximately twelve underwater acoustical transmitters and three buoys equipped with a two-way radio link to a base station on shore. The underwater acoustical transmitters or "tags" will be attached to the lobsters. Periodically, the tags emit a sonic pulse that will be picked up by the three buoys that are placed in a triangular configuration. Each buoy is equipped with a low power two-way radio, which will transmit and receive data to/from the low power base station on shore. The base station will be integrated with a personal computer that will interpret data received from the buoys and identify positions of the tags or lobsters. Positioning information cannot be determined without the radio link.

For reliable comparison, evaluation data must be accumulated over a period of several years; therefore, we are requesting the license be issued for a period of three years.

Thank you for your consideration. Should you have any questions or require further information, please do not hesitate to call me at 850-488-7966.

Sincerely,

William J. Parrish
Telecommunications Systems Consultant

WJP/tr