

4. Is this authorization to be used for the fulfilling the requirement of a government contract with an agency of the United States Government?

Yes, this authorization will be used to fulfill a portion of the contract with the Office of Naval Research under which we are a subcontractor (contract #DTI-3496-0001).

6. Is this authorization to be used for providing communications essential to a research project?

a. A description of the nature of the research project being conducted.

Ocean wave measurements are an important part of this program. Wave rider buoys will be used to measure real time wave climates. Wave data measured by the buoy will be transmitted by radio to the onshore receiver.

b. A showing that communications facilities requested are necessary for the research project involved.

Real time wave data can only be transmitted onshore from buoys installed 2 miles offshore by a radio transmissions link. Therefore, the communications facility being requested is very important for this project.

c. A showing that existing communications facilities are inadequate.

No such communication facilities are currently available.