

EXHIBIT 1

Name of the program: *Indian Summer - Dance of the Salmon*

Description of area of operation:

All 4 Argos PTT transmitter sites will be confined to the state of Idaho, in the United States, along tributary streams of the Snake River system, while being operated in conjunction with the objectives of the program. The sites will change as transmitters are assigned to stream side hatchery boxes on a risk priority basis. The transmitters at these sites will remain latent until such time as predetermined environmental thresholds trigger the PTT to go operational. The PTT will remain operational only long enough to ensure the transmission of the needed data. At that time they will return to a latent state.

Location of test facility:

One additional site will be used for the sole purpose of system configuration and testing. Only one PTT will be operated at this site at any time. Any transmissions from this site will be constrained to the minimum amount of time necessary to complete the configuration testing.

This site will be located in Las Vegas, Nevada, at coordinates:

36° 15' 41" North by 115° 16' 16" Datum: NAD 27

Coordinates were determined by GPS measurement

EXHIBIT 2

Name of the program: Indian Summer - Dance of the Salmon

Detailed description of program objectives:

The Indian Summer Project is an environmental science project funded by the United States Department of Navy, Office for Naval Research. Additional funding has been provided by the United States Department of Energy. The project is administered by the Idaho National Engineering and Environmental Laboratory Institute for the benefit of the students and teachers of Shoshone-Bannock Junior/Senior High School.

The program enables teachers to work with national laboratories and technology centers to enhance leadership skills, increase their awareness of current science and technology, and transfer this knowledge to their students. The program also involves students in the study of environmental factors related to the habitat and population of threatened and endangered fish species in the Snake River system of Idaho. In the course of this investigation students are further involved in the development, deployment, and monitoring of streamside fish hatchery systems, which are being designed to rebuild the populations of the fish species being studied. The published goals and objectives of this program are:

Goals: Examine current fish populations and habitat conditions
 Determine what factors may be affecting fish populations
 Address the factors limiting fish populations

Objectives: Test the technology for successful hatching
 Increase egg to fry survival
 Determine optimum incubator densities and configuration
 Minimize cost
 Minimize process
 Minimize handling of fish
 Test new equipment and designs
 Increase community education and involvement

In working towards these goals and objectives, we have developed a low cost data logging system which monitors environmental factors, such as hatchery water and ambient air temperatures, stream water flow through the hatchery, and egress patterns of fry leaving the hatchery. This summer, the network of streamside hatcheries will be enlarged to over 60 boxes. We now need to expand our data logging functionality to be able to remotely report significant changes in hatchery environments to the hatchery support teams. The mountainous terrain and remote nature of the undeveloped natural sites preclude the use of telephone, radio, or microwave data links. So the plan being proposed, is to add Argos PTT transmitters to the data logging systems of selected sites. Those sites could then trigger data transmissions, warning of environmental changes that require the attention of hatchery support teams. The data transmissions would be relayed via the Internet the Argos satellite data center. This use of satellite and Internet technologies would therefore allow the small support team to properly maintain a relatively large inventory of streamside hatcheries in the field.