

Exhibit 1

The INMARSAT B satellite radio to be licensed under this application to the FCC is to provide technical support, operator training and software testing in support of the SeaNet initiative. SeaNet is funded by the National Science Foundation through the Oceans Science program and by the Office of Naval Research (under the National Oceanographic Partnership Program Act.) The SeaNet NOPP partners are:

- Columbia University, Lamont-Doherty Earth Observatory, Palisades, NY
- Woods Hole Oceanographic Institution, Woods Hole, MA
- Omnet, Inc., Staunton, VA
- U.S. Naval Postgraduate School, Monterey, CA

The initial funding for SeaNet was provided the National Science Foundation through the Oceanographic Instrumentation and Technical Services Program of the Geosciences division in the spring of 1995. SeaNet funding has been continued by the National Science Foundation.

NOPP funding has been provided by ONR through a grant to the JOI, Inc. The grant is entitled: "SeaNet: Extending the Internet to the Oceanographic Research Fleet".

ABSTRACT: The Partnership will develop a common, underlying infrastructure necessary to integrate the oceanographic research fleet and to implement some production units optimized for intermittent Internet connections. The infrastructure includes building a shore-based operations center; providing updated satellite and cellular communications for a number of UNOLS vessels; developing shipboard communications servers designed specifically for the support of shipboard science and technical support applications; and, supporting the integration of emerging (less expensive) communications technologies in the future. Once this infrastructure is in place and operational, the incremental cost of adding more ships to the SeaNet network will be relatively small.