



Applied Physics Laboratory
College of Ocean and Fishery Sciences, University of Washington

1943-1993 — 50 Years of Excellence

March 3, 1993
Serial 5C2101

Mr. Bernie Gusman
COMSAT/MOBILE COMMUNICATIONS
950 L'Infant Plaza Southwest, Third Floor
Washington, DC 20024

Dear Mr. Gusman:

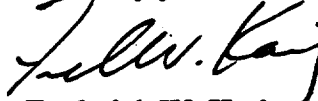
SUBJ: Use of Mobil COMSAT Services March/April 1993

The Applied Physics Laboratory of the University of Washington will be setting up and operating an ice camp on the arctic pack ice north of Prudhoe Bay, Alaska. The distance is too far for VHF or UHF communications, and HF communications are often quite poor, so we desire to use the COMSAT services and go to the satellite. The site will be within the satellite's published footprint.

The program is funded by the U.S. Navy under contract N00039-91-0072 and will have Navy officers on site. The points of contact are Fred Karig (APL-UW on site 907-659-2378), Al Brookes (APL-UW Seattle 206-543-4216/1300), LT JG Parker Swan (Prudhoe Bay 907-6592378)), and CDR Carl Wales (on site 907-659-2378).

Please feel free to call at any time if you have questions, and thank you for your efforts to provide this service.

Sincerely yours,


Frederick W. Karig

FWK:jmj



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EXHIBIT A.

March 3, 1993

TO WHOM IT MAY CONCERN:

FROM: Dr. Robert C. Spindel *MCS*
Director, Applied Physics Laboratory
University of Washington

SUBJECT: Arctic Research Camp

The Applied Physics Laboratory, University of Washington, has had a series of arctic research camps to support the U.S. Navy in its arctic research. The current research camp will be funded by NAVSEA 06UR42 under contract N00039-91-0072.

Robert C. Spindel

RCS:jmj



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EXHIBIT B.

March 3, 1993

TO WHOM IT MAY CONCERN:

FROM: Frederick W. Karig
Principal Mechanical Engineer
Applied Physics Laboratory
University of Washington

SUBJECT: Communication Essential to a Research Project

This request for authorization is considered to be essential to the upcoming research project as the site is too far from the shore base to support VHF or UHF communication, and the use of HF, while possible, has proved to be unreliable. Past camps have successfully used a DoD satellite system, but unfortunately it is not available this year.


Frederick W. Karig

FWK:jmj