



DEPARTMENT OF THE AIR FORCE
AIR FORCE TECHNICAL APPLICATIONS CENTER

MEMORANDUM FOR NATIONAL SCIENCE FOUNDATION

FEB 18 2000

FROM: HQ AFTAC/XPX
1030 S. Hwy A1A
Patrick AFB, FL 32925-3002

SUBJECT: Memorandum of Agreement

1. Attached is a copy of the recently signed memorandum of agreement between Air Force Technical Applications Center (AFTAC) and National Science Foundation (NSF). It is forwarded to you for your information and file.
2. If you have any questions, you may contact TSgt Dieppa at DSN 854-3877, COMM 407-494-3877.


EIRIK HOLBERT, GS-13
Chief, Plans and Requirements

Attachment:
AFTAC--NSF MOA

The USAF will:

1. Provide overall project management of the project.
2. Maintain the established Vanda seismic monitoring station (VNDA) and a relay station to provide a data link between the seismic station and the communications station on Crater Hill. To this end, USAF will design, procure and deploy a robust power system to support the acquisition and relay of seismic data in near real time to existing US Government and academic seismic data systems.
3. Provide complete system spares.
4. Provide additional assistance in the area of logistics support when Air Force schedules dictate faster implementation than normally provided by NSF.
5. Provide space and power in the repeater station on Mt. Newall for future NSF communication requirements.
6. AFTAC is responsible for making the data available through the US National Data Center (NDC) maintained at AFTAC. NDC is the US national resource for the collection, analysis and repository for International Monitoring System (IMS) data. Any US entity that requires access to this data may retrieve it through Auto DRM or by providing the necessary hardware, software and communications.

The NSF will:

1. Assist in planning the development and implementation of the power system in Antarctica.
2. Provide on-site assistance to the project in the areas of construction, communications, logistics, site-refueling and environmental compliance to the extent normally provided to other NSF projects and US Government agencies in Antarctica. This will include provision of a data-link between the communications station on Crater Hill and either McMurdo Station(US) or Scott Base (NZ).
3. Once the power systems have been demonstrated to meet reliability standards, NSF will provide scheduled maintenance on power and communications systems, and during the austral summer when there is access to the Dry Valleys, provide first response in the event that unscheduled maintenance is required. No response is possible during the winter.
4. Provide a satellite link for data to flow from McMurdo Station to the US.
5. Through support to IRIS, maintain a FRAME relay circuit between the IRIS DMC and NDC so that data can be distributed to the seismological community.

Article 4: Administrative procedures.

The Commander of AFTAC will be responsible for the administration of this agreement for the U.S. Air Force. The Office of Polar Programs will be responsible for the administration of this agreement for the National Science Foundation.

An annual Operating Plan, briefly describing the performance of the seismic station and communications links during the previous year, and the activities planned for the site will be agreed to and signed by both parties and will become an amendment to this agreement. The plan will specifically indicate the number of days each year that the system performed to specification, for the purpose of complying with NSF's

responsibilities under the Government Performance and Results Act (GPRA). The Operating Plan will be prepared by July 1 of each year, and it can be amended at any time by mutual agreement of both parties.

Article 5: Amendments, Agreement Period and Termination

This agreement shall become effective upon the date of approval of the last signatory below and shall remain in effect until specifically rescinded. It may be amended from time to time as mutually agreed upon by the parties. Either participating party may terminate this agreement upon eighteen (18) months advanced written notice or such time necessary to effectively transfer responsibility to the other participating agency. Both organizations will review this MOA triennially, or more frequently if required.

Approved for the U.S. Air Force

by Harold J. Beatty

Date 18 Feb 00

Harold J. Beatty, Colonel, USAF
Commander, AFTAC

Approved for the National Science Foundation

Office of Polar Programs

by Karl Erb

Date 7/21/97

Karl Erb,
Director, OPP

Office of Budget, Finance, and Award Management

by William A. Bryant

Date 12/1/99

William A. Bryant
Chief, Contracts Branch