

EMBASSY OF THE  
UNITED STATES OF AMERICA

November 18, 1992

No. 092

Sir:

I have the honor to refer to discussions which have taken place between the United States National Oceanic and Atmospheric Administration (NOAA) and the New Zealand Department of Survey and Land Information (DOSLI) concerning the installation, operation and maintenance in New Zealand of Global Sea Level Data Collection (GSL) Stations.

The governments of the United States of America and New Zealand share a common goal and commitment to the long term monitoring of sea levels on a global scale, to help understand the circulation of the ocean and its role in climate and global change.

Therefore, I have the honor to propose that the provisions of the attached arrangements shall govern the installation, operation and maintenance of GSL stations in New Zealand, and that the provisions of the Agreement for Scientific and Technical Cooperation between the Government of the United States and the Government of New Zealand of May 21, 1991, shall also apply to this project.

If the aforementioned proposals are acceptable to the Government of New Zealand, I have the further honor to

propose that this Note with its attachment, together with your Note in reply, shall constitute an Agreement between our two governments, which shall enter into force on the date of your reply, and shall remain in force until terminated by either government on ninety days' written notice.

Accept, Sir, the assurances of my highest consideration.

Attachment: as stated



The Honorable

Don McKinnon

Minister of External Relations and Trade

Parliament Buildings

Wellington

New Zealand

## Attachment

### ARRANGEMENTS ON INSTALLATION, OPERATION AND MAINTENANCE OF GLOBAL SEA LEVEL DATA COLLECTION STATIONS BETWEEN THE GOVERNMENT OF THE UNITED STATES OF AMERICA AND THE GOVERNMENT OF NEW ZEALAND

#### 1. Purpose

The arrangements set out herein are for the purpose of coordinating the installation, operation, and maintenance of Global Sea Level (GSL) Data Collection Stations in New Zealand. These arrangements shall be implemented by the National Ocean Service (NOS) of the National Oceanic and Atmospheric Administration (NOAA) on behalf of the Government of the United States of America and by the New Zealand Department of Survey and Land Information (DOSLI) on behalf of the Government of New Zealand.

These arrangements form part of the implementation of the Global Sea Level Observing System (GLOSS), coordinated by the Intergovernmental Oceanographic Commission of UNESCO. Data collected will also support the Tropical Oceans and Global Atmosphere (TOGA) program, the World Ocean Circulation Experiment (WOCE), the United States Global Change Program and the New Zealand Climate Change Program.

#### 2. Responsibilities of the NOS

- (A) NOS will provide at least one complete next generation water level measurement system (NGWLMS) field unit to be used for the Global Sea Level (GSL) Programmes. NOS will retain title to the units.
- (B) NOS will provide all auxiliary components, except those that are available in New Zealand.
- (C) NOS will provide ancillary sensors for measuring barometric pressure, water temperature, air temperature, and wind speed and direction.
- (D) NOS will provide technical expertise for the installation, operation, and maintenance of the NGWLMS field units, including the provision of associated documentation and drawings.
- (E) NOS will provide personnel for the first installation of equipment and subsequent maintenance/quality control visits. NOS will provide assistance with future installations, upon request by DOSLI.
- (F) NOS will provide spare parts and/or replacement parts for maintenance in exchange for the old parts.
- (G) NOS will provide decoding software.

3. Responsibilities of the Department of Survey and Land Information (DOSLI)

- (A) DOSLI will locate and provide specific sites in accordance with the installation requirements of the NGWLMS. DOSLI will obtain any local clearances required for the installations.
- (B) DOSLI will assist NOS with the first installation and will be responsible for any further installations.
- (C) DOSLI will obtain those auxiliary components, such as brackets and plastic pipe, available in New Zealand.
- (D) DOSLI will arrange for utilities (telephone and power) at each GSL station and pay for all installation and recurring costs.
- (E) DOSLI will operate and maintain the GSL stations in accordance with NOS specifications. Corrective maintenance will be performed in as timely a manner as resources allow. Each station will be connected to the local benchmark network, at least once annually, by geodetic levels.
- (F) If the stations are not within the geostationary operational environmental satellite footprint, DOSLI will collect the data via the telephone line and provide NOS with the data collected by the GSL station on a monthly basis. The data will be placed on floppy disk.

4. Joint NOS/DOSLI Responsibilities

The NOS and DOSLI will cooperate in respect of the following matters:

- (A) The coordination of future connections using the global positioning system and/or very long baseline interferometry;
- (B) Work towards providing satellite communications coverage for data transmission, if not presently available; and
- (C) The selection and establishment of future GSL stations at sites of mutual interest.

5. General Provisions

- (A) NOS point of contact will be Chief, Ocean and Lake Levels Division, NOS, NOAA. DOSLI point of contact will be the Manager, Geodetic Survey Control.
- (B) Data collected by the GSL stations are to be shared and made available to the public.

(C) Nothing herein is intended to be inconsistent with current NOAA or DOSLI directives. In the event of any inconsistency, such directives will prevail but without prejudice to the fulfillment of the purpose of these arrangements.

(D) Activities of NOS or DOSLI within the scope of these arrangements are contingent upon availability of appropriate funds and proper authorization for the activities.

(E) NOS and DOSLI may recommend that their respective governments conclude such amendments to these arrangements as are necessary to fulfill the purpose of these arrangements.

18 November 1992

Her Excellency  
Mrs Della Newman  
Ambassador Extraordinary and  
Plenipotentiary  
Embassy of the United States of America  
WELLINGTON

Excellency

I have the honour to refer to your Note of 18<sup>th</sup> November 1992 which reads as follows:

"I have the honor to refer to discussions which have taken place between the United States National Oceanic and Atmospheric Administration (NOAA) and the New Zealand Department of Survey and Land Information (DOSLI) concerning the installation, operation and maintenance in New Zealand of Global Sea Level Data Collection (GSL) Stations.

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Therefore, I have the honor to propose that the provisions of the attached arrangements shall

govern the installation, operation and maintenance of GSL stations in New Zealand, and that the provisions of the Agreement for Scientific and Technological Cooperation between the Government of the United States and the Government of New Zealand of May 21, 1991, shall also apply to this project.

If the aforementioned proposals are acceptable to the Government of New Zealand, I have the further honor to propose that this Note with its attachment, together with your Note in reply, shall constitute an Agreement between our two governments, which shall enter into force on the date of your reply, and shall remain in force until terminated by either government on ninety days' written notice.

Accept, Sir, the assurances of my highest consideration.

ARRANGEMENTS ON INSTALLATION, OPERATION AND MAINTENANCE  
OF GLOBAL SEA LEVEL DATA COLLECTION  
STATIONS BETWEEN THE GOVERNMENT OF THE UNITED STATES OF  
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(D) Activities of NOS or DOSLI within the scope of these arrangements are contingent upon availability of appropriate funds and proper authorization for the activities.

(E) NOS and DOSLI may recommend that their respective governments conclude such amendments to these arrangements as are necessary to fulfill the purpose of these arrangements."

I have the honour to confirm that the foregoing is acceptable to the Government of New Zealand and that your Note and this confirmatory reply shall constitute an Agreement between our two governments which shall enter into force on the date of this reply.

Please accept, Excellency, the renewed assurances of my highest consideration.

Don McKinnon  
Minister of External Relations and Trade