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HEADQUARTERS 406097
Task Group 7.1
Joint Task Force Seven
APO 187 (HOW), c/o Postmaster
San Francisco, California

Action: BOETTCHER
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JF- 3809

10 February 1954

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Field Manager, Eniwetok Field Office
United States Atomic Energy Commission
APO 187 (HOW), c/o Postmaster
San Francisco, California

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Subject: REQUEST FOR GEODETIC CONTROL DATA

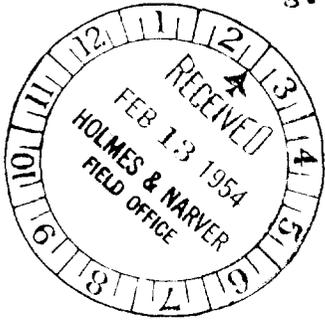
Dear Sir:

BEST COPY AVAILABLE

In order to accomplish the photogrammetric mapping of Bikini and Eniwetok Atolls, certain geodetic and picture point control data are required. A complete list of the data required is furnished below.

1. a. Designation and description of all monumented horizontal control stations which have been adjusted to a common datum.
- b. Geographic and/or grid coordinates of the above mentioned stations and their order of accuracy.
- c. The origin of the datum used.
- d. The origin, coordination and orientation of the grid used.
- e. The spheroid upon which the computations are based.
- f. Supplemental horizontal control points (picture points) which can be photo-identified and pin-pricked on aerial photography including the coordinates and order of accuracy. These picture points will be determined upon examination of the photography and coordination with Holmes and Narver surveyors.
- g. The status of existing monumented horizontal control points established by other organizations, other than those described in a, above. This should include the recoverability of the stations in order to allow their adjustment to the common datum. Only those stations that are in areas where there is a sparsity of points as described in paragraphs a and f, above, should be reported.

NATIONAL ARCHIVES
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Fm: J. M. Lindahl
Subject: Request for Geodetic Control Data
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- h. The designation, description, elevation and order of accuracy of all monumented bench marks which are adjusted to a sea level datum and specifically what level they are adjusted to.
 - i. The description, elevation and order of accuracy of supplemental photogrammetric points which can be identified on aerial photography.
 - j. Existing tide gage readings for a selected period depending on dates of aerial photography. These dates will be supplied to Holmes and Narver at a later date.
2. Also required for the mapping project will be the most recent information regarding the following items.
- a. Designation of all buildings and other structures which space would permit identifying at a 1:25,000 scale.
 - b. Identification of all other structures to enable proper symbolization at 1:25,000 scale.
 - c. Locally used or preferred geographic names spelling. If none are available, the mapping agency will probably refer to the original Japanese characters and apply present approved transliteration methods.
3. One copy each of the following listed control reports prepared by Holmes and Narver would fulfill many of the items mentioned in paragraph 1, above.
- a. Horizontal Control and Plane Coordinates, Eniwetok Atoll, Marshall Island, 1952, Expansion and Adjustment - Job #831.
 - b. 1953 Horizontal Control Survey, Bikini Atoll, Marshall Islands - Job #884.
4. It is requested that the information in paragraphs 1 and 2 and the reports listed in paragraph 3 be furnished to Commander, Task Unit 13 for forwarding to the mapping agency. It is also requested that permission be granted for Mr. W. R. Seestrom, (Project 3.2) AMS Representative, to coordinate the

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requirements directly with Holmes and Narver.

Very truly yours,

J. M. Lindahl

J. M. Lindahl
J-6

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APPROVED:

W. E. Ogle
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CTG 7.1