

~~SECRET~~ HOLMES & ARNER, Boston
ENGINEERS-CONSTRUCTORS

TO: D. I. FARVEL, JR.
FROM: S. P. HOWELL

JOB: TRANSMITTAL OF SURVEY DATA
RE:

DATE: 31 JULY 1953

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Transmitted herewith are 2 prints each of the following:

- Field Book 1052, pages 64 & 68
- Abstract of Wye L.S. 2, No. 13
- Computation of Base Line, Sheet 11

upper part
 2
 L.S. 4 8/5
 373
 374

The original survey is to show, Field Book Nos. 5011 and 5012, show P.I. 10 and Beacon 2 as identical. This assumption by the field crew is believed erroneous. From comparisons it appears that the monument used as P.I. 10 is Navy Triangulation Station Kans.

The following recovery data is recorded in Field Book 1022, page 11, dated 29 June 1953:

Monument Kans:

A U.S. Navy Survey monument called P.I. 10 in the traverse system of 1953 (F.S. 1000, pages 7 - 19). A circular brass cap set in a 10 1/2 inch square concrete pillar of unknown height. Probing indicates height is less than 2 feet. Concrete pillar is encased by wooden form. Monument is surmounted by a four leg steel Beacon tower about 30 feet high. Footings of tower are 3 1/2 foot square concrete blocks. Probing indicates these blocks are equal to or greater than 2 feet high. Monument and tower footings are flush with natural ground. Soil is coral sand. Monument is located some 400 ft. northwest of Monument North Row, 1913 triangulation.

A sketch of the disk indicates "U.S." on the periphery and a triangle around a pencil mark in the center.

An extensive search was made for Navy Triangulation Station South on Site 51g. No evidence of it was found.

Navy Triangulation Station Hook on Site 14g was recovered and is Station Love in the H & N 1913 triangulation.

The eastern reef section triangulation, including observations on Sites 51g, Love, Mile, Kerman, etc., has been completed with the exception of Site 51ee. The last one was completed due to a strike of the light house and the station was not reached. Plans are being made to visit the station in the near future.

S. P. Howell

SHR:FC:jws

Encls.

cc: HQ Central

OS Bureau of Oceanography

OS Hydrographic Survey

7409

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

SINGLE REVIEW AUTHORIZED BY: DETERMINATION (CIRCLE NUMBER(S))

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE

REVIEWER (AUX):

NAME: J.P. Lopez

DATE: 7/29/94

CLASSIFIED BY: [initials]

UNCLASSIFIED BY: [initials]

DATE: [initials]