

SURVEY REQUIREMENTS

June 4, 1953

Site Elmer

Triangulation:

✓ Primary:

The final observation was made the night of June 1st. The Records of Direction and Abstracts reached Parry June 3rd. At Tare the only checking done was for closure in individual Triangles and Quadrilaterals. The work is being checked and printed at this writing. Due to the time factor, the Records will be mailed as soon as printed and computations will follow. A cursory examination reveals that limits have been exceeded in some instances. When I arrived at Tare Tuesday, June 2nd there was a discussion on the question of re-observing at Station Sugar. Due to the weather outlook, I had no hesitation in calling off the Operation. Other matters have prevented an examination of the Records. However I feel that unless some considerable discrepancy develops, the work should be regarded as concluded. If the Home Office believes that further work is required, a memorandum to that effect will be appreciated. Present plans are to leave the Towers in place at all Sites throughout the construction phase of the Operation. Radios, Instruments and other necessary gear will also remain at Bikini.

Secondary:

Alfa, Bravo, Zebra, Victor:

In response to the DIA memo 0113 and the observations on the Secondary Stations at Sites Bravo, Alfa, Zebra and Victor were scheduled to commence June 7th. Triangulation Scheme #1, 155-00-7000-00-15 is the Plan being followed. A 22' tower Tower 3 planned for Site Bravo, 20' for the remainder. A construction crew and a support crew left Tare on June 3rd

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Triangulation:

Secondary: (Continued)

aboard an M Boat carrying a DWUK loaded with the necessary lumber and gear. In attempting a landing at Site Bravo most of the lumber was lost and the DWUK retrieved with difficulty. While this operation was in progress, a Teletype was received advising that Station 10 was deleted from the program. As the Triangulation has a high Priority, it was decided that construction and observing would proceed as soon as the weather moderates.

Secondary:

Mike, Love Islet North of King:

No planning has been done on this group, it appears that Wooden Towers will be adequate. The speed of construction favors them. It appears that acceptable results could be obtained by erecting a single Tower at Site Love and running a precise traverse to Mike, King, and the Islet North of King. As this cannot be scheduled until late in the Month, any Home Office comments will be appreciated.

Baseline

The Baseline was completed June 2nd. Work is now being made and will be mailed tomorrow. There are two additional lengths to be taped: - Station Oboe to Station Air and Station Per to the nearest chaining buck. The angles in this quadrangle are all as follows. The Air-Oboe measurement was attempted but could not be made at present.

Topography

Charlie:

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Topography

Charlie: (Continued)

Field Work complete - Drawing scheduled to be completed and mailed prior to June 9th.

Dog:

Heavy Equipment moved to June 2nd. Survey directing clearing operations. Topography scheduled for completion about June 10th.

George:

Same Heavy Equipment and Survey crew will work this after completing Site Dog.

Nan:

Camp being set up this week. A survey crew is scheduled to work there permanently and will move in as soon as Quarters are set up - probably next week. Clearing will require approximately three weeks. Estimate completion of top about July 15th. The schedule may permit assigning a second crew for a short period.

Uncle:

Field Work Complete - Drawing scheduled to be completed and mailed prior to June 10th.

Navy Dead Men

Victor Bravo Group

Location and the way to it is not clear. However, it appears that it can be reached by the end of the month.

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Navy Dead Men: (Continued)

Test Holes:

Location and Elevation. Fox, How (1), Nan (2). These will be obtained when other work requires a trip to these Islands unless otherwise requested.

Barge

Construction is building the structure on the Barge this week. It is planned to have the Site Charlie crew observe the Angles for a period of an hour two or three times a week. This will be done while they are engaged on Topo on Dog and George.

Sandspit Locations:

Unscheduled. Probably to be done around the first of July.

Hydrography

Baker, Charlie Reef

Location of Sta 134.

Estimated Completion June 10th.

Site Fred Airstrip

Profile and Cross-sections

Field Work Complete. Drawings completed for June 10th.