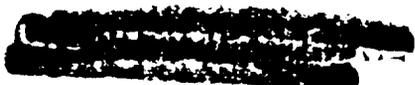


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Daily Diary (Hardback)
22 May 1958



J-3 Daily Diary
ENI.WETOK Atoll

J3-DDH-E99

411085

1. MISCELLANEOUS:

As a result of measurements taken of water wave activities which resulted from shots BUTTERNUT and WAHOC, Mr. Lou Kidd, Scripps Institute of Oceanography, decided to re-evaluate the YELLOWWOOD prediction which was published in CTG 7.1 letter, subject: "Prediction of Effects and Operational Planning Factors."

The original prediction of .9 feet of water in 60 feet depth at Elmer and Fred was revised upward to 1.5 feet. This 1.5 feet will double and possibly become even greater as it approaches the shoreline. With YELLOWWOOD scheduled to be detonated at 0630 hours and the high tide of 4.5 feet at 0632 hours, it appears that significant water wave action could result.

A recommendation was made that no ships or boats be moored to piers or beached from shot time till H+40 minutes. This timing was based on arrival of the wave action in approximately 25 minutes. Strong currents were predicted as far as 400 feet off the lagoon shoreline. Personnel were cautioned to stay off the personnel pier till after the wave actions have ceased. These recommendations were passed at 0820 hours, 22 May, to Major Meehan (TG 7.2), CDR Brown (TG 7.3) and Gene Claridge (TG 7.5). AFGAT-1 and Program 1 at Bruce informed at 1115 and 1400 and they both say that they are safe.

Bob Binnall and John Paolozzi both of TG 7.5 were alerted to the problem and were taking action to remove barges from the slips, moor the boats in deep water and remove material from the low areas.

The analysis of the wave heights along the lagoon side of Elmer indicated that by standing at the shoreline and judging 3 1/2 to 4 feet raise of water from the high tide line there are several areas that will receive some washing action. Bob Binnall of TG 7.5 is aware of this.

TG 7.3 implemented the above with a cable message to all ships and personnel (212109Z).

Col Avery discussed SYCAMORE wave actions with Major Power at approximately 1715 hours.

2. PUBLICATIONS:

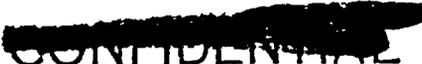
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CLASSIFICATION CANCELLED BY AUTHORITY OF DOE/OC

The following documents were published and distributed this date

REVIEWED BY Carl Weber 9/12/88
J. Diaz 10/28/85
DATE

- 1730-JFE Operational Letter ASPEN - 1 - Prediction of Effects and Operational Planning Factors 22 May 1958
- 1733-JFE Operational Letter MAGNOLIA - 1 - Prediction of Effects and Operational Planning Factors 22 May 1958
- 1743-JFE Transportation to Ex-WAHOC Target Ships and Elements of the UMBRELLA Target Array 22 May 1958



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3. SHOTS and DEVICES:

- a. The MAGNOLIA device was moved from the Assembly Compound via 6x6 truck with MP convoy to Finex shot barge No. 32 at the deep water pier at 0815 today. The device was lowered through the cab roof and in position on the barge at 0845 and the barge was underway for Station 32 off Yvonne at 0945. (JHW)
- b. The LCU 469 (Assembly houseboat) was sent to Yvonne at 1010 today in support of the MAGNOLIA event. (JHW)
- c. The LCU with mooring personnel and surveyors for the MAGNOLIA event, left Elmer at 0725 for Station 32 with an LCM. (JHW)
- d. MAGNOLIA barge was placed in zero site position at Station 32 off Yvonne at 1430 hours today. Texas notified. (JHW)
- e. Today was YELLOWWOOD-1, and MAGNOLIA-4. SYCAMORE was advanced one day and is now scheduled for tomorrow. This was also SYCAMORE-1. The weather looks good.

1 Incl: Radex Reading for
0830, 22 May 1958

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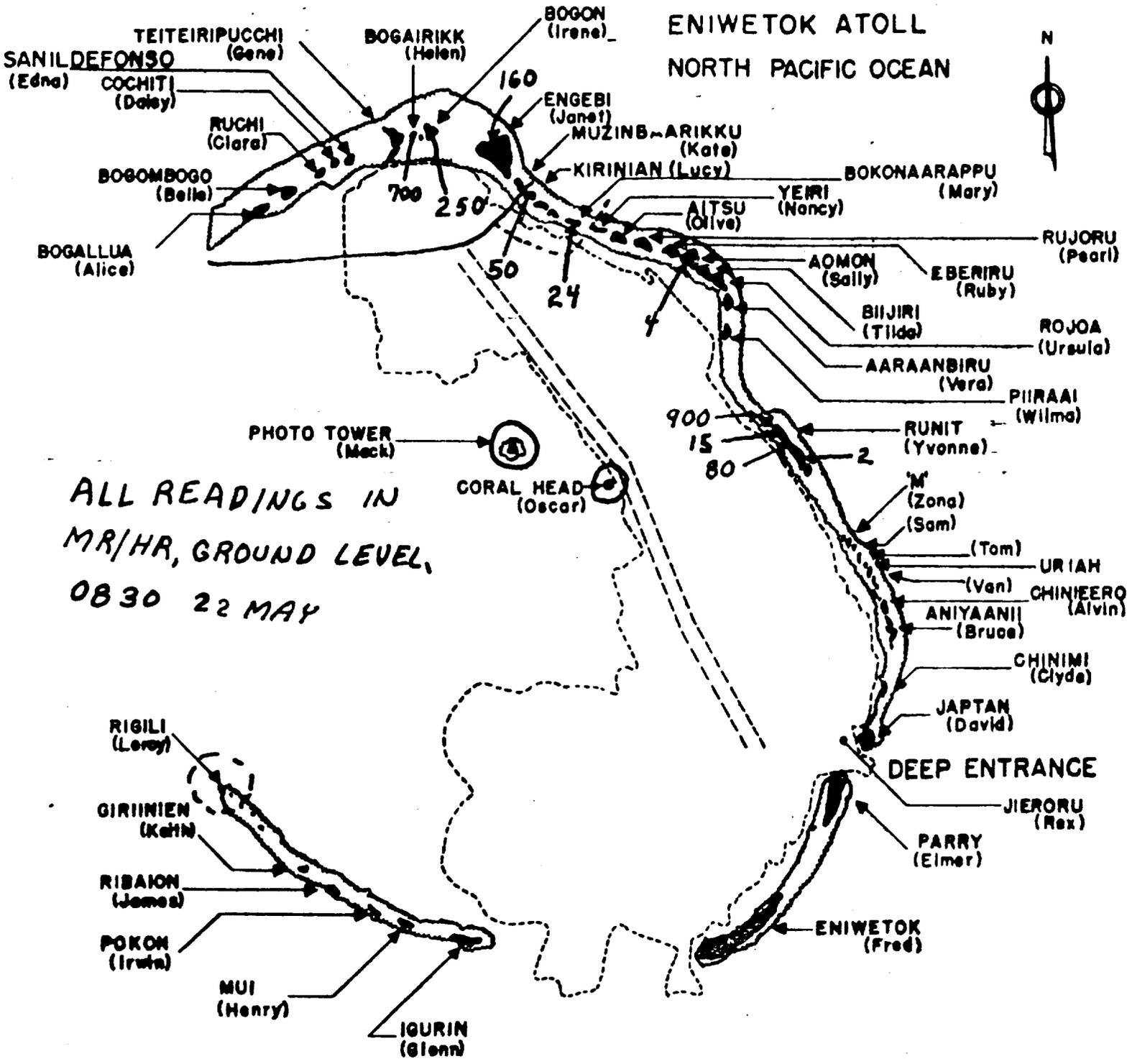
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ENIWETOK ATOLL
NORTH PACIFIC OCEAN



ALL READINGS IN
MR/HR, GROUND LEVEL,
0830 22 MAY

NOTE: HOLLY G.Z. - 20 to 120 mr/hr

— FULL RADEX
- - - LIMITED RADEX

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