

UNITED STATES COAST GUARD

ADDRESS REPLY TO

CGC KUKUI (WAK-186)
c/o Comdr. 14th CG District
Box 4010, Honolulu, T. H.

REFER TO FILE

CG-20
607

26 January, 1948

From: Executive Officer, CGC KUKUI (WAK-186)
To: Commanding Officer, CGC KUKUI (WAK-186)
Subj: CGLRS Roguron, Majuro, Marshall Islands, C&R report; submission of

1. Majuro, Marshall Islands was approached from the North Central section of the Atoll to the NW of Calilin Channel with allowance being made for a distinct set to the Westward in the main channel. Numerous buoys were found to be either missing or awash and all of those in position needed painting and numbering to facilitate identification. A separate anchorage report is being submitted. Anchorage was made off Roguron Island at the western end of Majuro Atoll. Transfer of consigned cargo, GSK supplies, commissary supplies etc., was accomplished via LCM. The small boat pier which extends approximately 60 feet from the station shoreline was found to be a distinct aid in transfer of supplies as this dock could be easily approached on any tide. Although greatly in need of repair upon arrival it was found to be adequate for all the KUKUI's small boat landings except those carrying heavy equipment or loads of drum oil. In the latter case a beach landing was made about 10-15 yards to the Eastward of the pier and drums were rolled ashore directly. In the case of generators and other heavy equipment the same landing was made and the 6 x 6 truck, which had been previously loaded aboard the LCM, was driven directly ashore carrying this equipment. All heavy equipment was loaded from the ship's side directly into the truck.

2. In general, the materiel condition of the station was found to be good. The station LCM was taken aboard the KUKUI temporarily for repair, the hull chipped, wire brushed, given one coat of Navy formula 14A anti-corrosive and one coat of anti-fouling paint, Navy formula 146; numerous patches were welded on the hull, new screws and one new shaft were installed; engine was overhauled and the ramp from the KUKUI LCM was removed and installed on the Roguron LCM. It is estimated that this LCM will stand up for approximately six months and possibly one year since no beach landings are necessary with the availability of the small boat pier and consequently the hull is not subjected to strain, wear or deterioration beyond that ordinarily to be expected. Quonset huts in contrast to those at Bikati, ^{the}akin Atoll were found to be fair. The foundations consisted of 2" x 12" timbers (untreated) set in concrete upon which were laid the longitudinal metal I beam sills superimposed by metal I beam joists. Those foundation sections of metal beams which had been painted prior to installation apparently withstood the ravages of weather; being solid and rust free. However, unpainted sections were

Inclosure (1) of CO, CGC KUKUI Ltr. dated 3 February, 1948 file CG-607

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found to have accumulated a thick, brittle rust reducing the thickness of solid metal 50% at most places and, in isolated spots, to a greater extent. However, the sections showing greatest deterioration were in the line of outside longitudinal channel frames resting outside of the floor and upon the joists to receive the ends of the rib frames, each rib frame end, however, butted and bolted at a metal joist and through the channel frames. It is believed that the reason for the comparatively better condition of the Roguron Huts foundations over those at Bikati is due to the protection afforded the former from the weather by the addition of a 2" x 12" wooden margin plank completely surrounding each hut's metal foundation. It is believed that the deterioration of the margin channel frames into which set the ends of the rib frames results from the alanting rain which enters the tropical type hut in the ventilating space between the roof, and sides, running down the rib frames between the exterior and interior sheathing and settling in each channel frame. Rib frames, exterior siding, and interior partitions sheathing and flooring were found to be in good condition. It is believed that these Quonsets are good for 18-24 additional months usage before extensive repairs are undertaken. The hut in poorest condition was found to be the Loran watchstanders hut.

3. The small boat pier was found to be in poor condition; top and sides were practically rebuilt, but piling renewal was found to be unnecessary. Dismantled one 5000 gallon wooden tank for potable water and replaced it with a new 3000 gallon tank. Accomplished miscellaneous carpentry repairs or replacements, i.e., assembling (1) sample wooden deck chair, repairing doors, windows, screening, hardware, etc. Sufficient lumber was left to take care of unforeseen repairs or replacements.
4. The station weapons carrier was found to be adequate for Roguron's needs. In addition, an inoperative station 6 x 6 truck was found to be in fair condition only but was not repaired due to lack of replacement parts. Necessary repair parts and spares have been recommended for purchase and issue for both of these vehicles. The galley range burner, casing and brickwork were repaired; this range should be replaced within one year.
5. Roads at this station were cleared paths only but were dry and serviceable during the KUKUI's stay.
6. In compliance with Comdr. 14CGD ltr. 8 January, 1948 (CG-601) amending Operation's Order 43-47 dated 9 December, 1947 a survey of the Roguron station was made to determine the minimum fire fighting equipment necessary. This equipment was found to be entirely inadequate. A plan was drawn up recommending type and proper location of extinguishers

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in accordance with details submitted KUKUI ltr. 22 January, 1948 (File-607) on CGLRS Makin. This fire security plan is attached. The number of extinguishers required was determined to be (10) 15 lb. CO₂ and (5) Foamite. Actually on hand and fully charged were (3) CO₂ and (4) Foamite extinguishers. The proper number and type of extinguishers with spare Foamite charges were issued to fill the deficit.

7. New timers, transmitters, and switching gear had been installed by the district prior to the arrival of the KUKUI. Guy wires were tightened on all antenna towers, the turnbuckles greased and covered with canvas. All guy wires on the remote receiving antenna were replaced. The base of the main radiator tower was repainted and bolts were red-leaded and replaced where necessary. The condition of the main tower is good. The obstruction light transformer supports were renewed. One RAO-5 receiver, one RAO-3 receiver, and one TC-127 transmitter were issued this station; the latter on the recommendation of Ensign Kopp, district (EEE) representative, present at that time. Since all timers and switch gear as well as the transmitters had been recently installed their condition was found to be excellent as well as the supply of spare parts. A day and night observation of operating performance of electronic equipment indicated excellent performance.

8. The following equipment was surveyed: (2) caterpillar AC generators, model EAF ser. 15KL753 and Model EAF-1 Ser. 15KL623, (1) portable Kohler electric generating plant model 1A21-U ser. 83971; (1) Bendix washing machine (1) Gray Marine Diesel engine and various minor items of electronic equipment such as tubes and speaker amplifiers.

9. The following cargo in addition to miscellaneous supplies was issued: (2) 205-B International generators, (1) washing machine (1) panel board, (1) household refrigerator, 250 drums diesel oil, 30 drums kerosene, 20 drums each gasoline and lubricating oil, (1) Puro-pumper and filter, 20 rolls of copper screening, (6) wooden deck chairs, 500' of 1½" and 200' of 2½" cotton fire hose, various canteen, commissary and GSK supplies, and (7) 15 lb. CO₂ and (1) 2½ gallon foamite fire extinguishers.

10. It is recommended that the Loran watchstanders Quonset hut be replaced within the next calendar year; that this station be furnished a portable Kidde type CO₂ extinguisher unit of the (2) 50 lb. cylinder type since this type cannot be converted to other uses as is so often the case with pumps; and that the station LCM and the galley range be replaced at the end of the calendar year.

/s/ C. G. WINSTEAD, Lieut. Comdr.

Incl: Insp. of Sta. Fire
Fighting Equipment
CG-464-607-1/23/48

C. G. WINSTEAD, Lieut. Comdr.
Executive Officer