

(2) Its functions are to maintain records of all property loaned to the contractor on acknowledgment receipt by the District Engineer. The receipts are recorded by project areas, the section head and office clerk posting property control ledgers to show accountability vested in the property clerks of the different engineer field areas. This requires a system of tally-in and tally-out for all property loaned for temporary use by individuals.

(3) The property records kept by the section head were found to be up-to-date and accurate. Those kept by area clerks are, in most instances, incomplete and carelessly posted. These irregularities were most prominent on Job 5.0 at Wheeler Field, and Job 9.0 at Hickam Field.

6. *Commissary (Wheeler Field Test Camp).*—Because of the shortage of housing facilities for men employed on defense contracts, the [13] Hawaiian Constructors have established a tent camp at Wheeler Field for the purpose of housing and feeding approximately one hundred and twenty employees. The system installed for handling cash collections for boarders at the camp is not sufficiently safeguarded. Bookkeeping records are untidy and entries are made in a haphazard manner.

#### III. IRRREGULARITIES AND DEFICIENCIES

6. *Irregularities.*—a. Property records kept by area clerks are incomplete and carelessly posted. (II 7/ (5))

b. The handling of cash collections and bookkeeping records at the commissary are unsatisfactory. (II 7p)

7. *Deficiencies.*—a. Need for additional personnel in the engineering division. (II 8)

b. The personnel and payroll auditing subdivision lacks proper departmental coordination and adequate office accommodations for most efficient performance of duty. (II 8e (3))

#### IV. CONCLUSIONS

8. That the contractor is not exercising adequate supervision over property accounting and operations of the commissary.

9. That the corporation executives are attempting to effect an organization that will hamper completion of project construction with the greatest degree of efficiency.

10. That shortages of building supplies, skilled clerical assistants and trained construction laborers are adversely affecting efficient operations; that these conditions will continue for sometime due to the lack of adequate transportation and manufacturing facilities, and to the time required to train personnel properly.

#### V. RECOMMENDATIONS

11. That action be initiated to correct the irregularities and deficiencies noted in paragraphs 6 and 7 of Section III above.

/s/ E. R. Whisner,  
E. R. WHISNER,  
Lieut Colonel, Infantry,  
Assistant Dept Inspector Gen.

1 Incl:

Exhibit "A" Organization Chart.

ARMY PEARL HARBOR BOARD EXHIBIT No. 29

Exhibit F

[1]

WAR DEPARTMENT,  
OFFICE OF THE CHIEF OF ENGINEERS,  
Washington, 29 August 1944.

Refer to File No. SPEAF

Subject: Priorities on Hawaiian Construction—Army Pearl Harbor Board Investigation.

To: Colonel D. I. McKay, Room 5114—War Dept. Bldg.

1. Pursuant to Major Lozier's request, the facts revealed by the records in the Office of the Chief of Engineers and the personal recollections of the undersigned on priorities matters relating to Hawaiian construction projects are set forth

hereunder for whatever purpose they may serve in connection with the Army Pearl Harbor Board Investigation.

2. Numerous requests for assistance in securing priorities ratings for construction projects in Hawaii were received from the District Engineer, Honolulu, T. H., the Department Engineer, Hawaiian Department, and from the Division Engineer, South Pacific Division, before Pearl Harbor. Many of these are a matter of record in the Office of the Chief of Engineers. Other assistance rendered, and attempted to be rendered, through this office by telephone and by personal contact with higher authorities cannot be documented but were material in scope nevertheless.

3. Until approximately June 1941, construction projects in Hawaii were rated on the same basis as similar projects in Continental United States; e. g., on the basis of the type of facility and not like projects in Panama, which were uniformly rated A-1-b. The isolated location of Hawaii presented difficulties in procurement and in transportation from the mainland, which the Commanding General, Hawaiian Department, reported to the Adjutant General in letters dated 4 June 1941,<sup>1</sup> 3 July 1941,<sup>2</sup> and again in a letter dated 28 July 1941.<sup>3</sup> In the letter dated 28 July 1941, the Commanding General endorses the recommendation of the Division Engineer, South Pacific Division, for the establishment of a stockpile of materials, since "the delay in securing necessary materials for our construction program has become a matter of serious concern" and "this materials situation may become critical." This recommendation of the Division Engineer, South Pacific Division, was approved in a modified form by the Adjutant General by 1st indorsement, dated 27 September 1941, to the letter dated 28 July 1941.<sup>4</sup>

[2] 4. In his letter, dated 3 July 1941<sup>1</sup>, to the Adjutant General, the Commanding general reported that despite efforts to anticipate their needs, the construction agencies cannot anticipate every item; local suppliers' stocks are being depleted without their being able to replenish their stocks, or to secure shipping space; that "To our knowledge there is now no coordinated shipping priorities"; "the Aircraft Warning Service Project is the most important single project in the department" and under the priority directive its rating would be A-1-f; "the conditions facing this department are similar to those in Panama and \* \* \* a similar blanket [A-1-b] priority \* \* \* for our defense projects should be authorized, and \* \* \* this rating should be high". He recommended the establishment of a blanket priority for Hawaiian defense projects as has been done for Panama, the granting of authority to his office to select suppliers to whom ratings could be issued, and the establishment of a liaison with shipping agencies on the West Coast.

5. As early as 3 March 1941<sup>2</sup> transportation difficulties were reported to the Chief of Engineers by the Division Engineer, South Pacific Division. Pursuant to this report, the Office of the Chief of Engineers took up the matter with the General Staff and subsequently informed the Division Engineer that the Office of the Quartermaster General will handle all arrangements and that "hereafter full dependence [will] be placed upon that Service [Water Transport] to supply all transportation needs".

6. The Office of the Chief of Engineers, based upon a telegraphic request from the Division Engineer, South Pacific Division, dated 13 May 1941<sup>3</sup> for a priorities rating on the AWS (Contract W-414-eng-784, dated 13 April 1941), obtained an a-1-f. This rating was not regarded<sup>4</sup> as sufficiently high by the Division Engineer, since the Commanding General "considers it urgently necessary that the Aircraft Warning System \* \* \* be completed and placed in operation without delay". A rating of A-1-c was obtained by the Office of the Chief of Engineers from the Army and Navy Munitions Board by telephone on 17 June 1941. A specific instance of assistance rendered by the Office of the Chief of Engineers to a contractor on the AWS despite the A-1-c rating already assigned to it was through personal contact with the Office of Production Management whereby it was arranged to transfer a pattern and the order for castings from one foundry to another which could make better deliveries<sup>5</sup>. In a letter

<sup>1</sup> Ltr. 4 June 1941 from CG, HD (his file Engr. 523.07. It is not of record in this office, but is referred to in his ltr., dtd. 3 July 1941, to the TAG. Copy of the latter on file as inclosure to ltr. from CG, HD, to OCE, file OCE 523.07 (Hawaiian Dept.) 1.

<sup>2</sup> Inclosure to ltr. dtd. 11 July 41 to OCE. OCE file 523.07 (Hawaiian Dept.) 1.

<sup>3</sup> OCE file 400.291 (Stock Pile QM) 1.

<sup>4</sup> Inclosure to ltr. OCE file 523.07 (Hawaiian Dept.) 1.

<sup>5</sup> 600.1 (Hawaiian Dept. Airfields) 39.

<sup>6</sup> 676.3 (AWS-Haw.) 33.

<sup>7</sup> Ltr. fm. Div. Engr. SPD to OCE, dtd. 12 June 41, OCE file 676.3 (AWS-Haw.) 39.

<sup>8</sup> Ltr. OCE to SPD, dtd. 13 Aug. 41, OCE file 676.3 (AWS-Haw.) 46.

dated 24 July 1941 to the OPM on this project requesting assistance in obtaining steel, this office pointed out that "the project on which this material is needed is one which is vital to the defence of Hawaii" and "would take on added importance should the situation in the Pacific become more critical".

[3] 7. In a letter dated 11 July 1941<sup>1</sup> to this office, the District Engineer, Honolulu, T. H., requested a priorities rating on Contract W-414-eng-602 "as high as possible consistent with current priorities directives" because of the isolated location, and procurement and transportation problems obtaining. A rating of A-1-g had been assigned 28 February 1941 to this Hawaiian Constructors contract<sup>2</sup>, as well as to numerous others (W-414-eng-658, 660, 669, 670, 672, 683, 696, 722)<sup>3</sup>. Based upon this request of 11 July 1941 from the Honolulu District Engineer, a rating of A-1-c was secured from the ANMB<sup>4</sup> on contract Eng-602, and, about this time, on numerous others<sup>5</sup>.

8. The Office of the Chief of Engineers in requesting priorities ratings for gasoline reserve projects from the ANMB in a letter dated 4 June 1941 recommended the highest possible priority because "the need for building up adequate \* \* \* reserves is of utmost importance"<sup>6</sup>. The Board authorized an A-1-b for projects in Panama and an A-1-c in Hawaii.<sup>7</sup>

9. Individual requests for ratings and for assistance in obtaining equipment, materials, and supplies for Hawaii have been received from Hawaii directly, or through the Division Engineer. The assistance the Office of the Chief of Engineers had been able to render was not spectacular because the Army and Navy Munitions Board had to be guided by the Priorities Directives. Since the Hawaiian construction projects were considered in the same defense category as domestic projects, the priorities ratings in the early part of 1941 were A-1-g<sup>8</sup>. It was not until June-July 1941 that certain projects were authorized ratings of A-1-c<sup>9</sup>. The general authorization to assign a rating of A-1-c to all contracts in Hawaii, even though Panama was authorized an A-1-b, was not favorably considered. Each contract had to be submitted separately to the ANMB for a priorities rating and for a priorities certificate, even though it was known beforehand what rating the Priorities Directive authorized. It was not until 8 August 1941 that the Office of the Chief of Engineers could advise the Division Engineer by teletype that a rating of A-1-e could be applied to all contracts in Hawaii and to any critical list item<sup>10</sup>. It was not until 20 August 1941 that an ANMB directive was published containing this authorization.<sup>11</sup>

[4] 10. Even this authority was not adequate since ratings could be extended only to critical items or materials authorized by the Priorities Directive, whereas for construction, requiring literally thousands of items, few were listed as "critical", although the materials going into their fabrication were frequently classified as "critical". Gen. Reybold in a letter dated 25 August 1941<sup>1</sup> to Gen. Hines, Chairman of the Army and Navy Munitions Board, recommended the addition of construction projects to the critical list along with aircraft, ordnance and shipbuilding because "Of these categories, only construction is unable to readily obtain the numerous parts required, although it requires fully as varied a group of materials, component parts and accessories as any of the other categories above". This letter encompassed all construction, domestic as well as overseas, but it had particular significance for Hawaiian projects because of transportation and communication difficulties.

11. Pursuant to the teletype 8 August 1941 from this office to the Division Engineer, information was submitted on all Hawaiian construction for the purpose of supporting a Project Rating Order which would permit the assignment of the authorized rating (A-1-c) to all items required, critical as well as those not deemed critical. The Project Rating Order was issued 2 October 1941.<sup>2</sup>

12. The documents in the files of the Office of the Chief of Engineers cannot be purported to present fully the activities of this office in attempting to obtain the highest rating for Hawaii. This office was in frequent daily personal con-

<sup>1</sup> Ltr. OCE to OPM, dtd. 24 July 41, OCE file 676.3 (ANS-Haw.) 46.

<sup>2</sup> 600.1 (Hawaiian Dept. Airfields) 130.

<sup>3</sup> 600.1 (Hawaiian Dept. Airfields) 40.

<sup>4</sup> 600.1 (Hickam Fld.) 139, 140, 141, 142, 157, 162.

<sup>5</sup> 600.1 (Hawaiian Dept. Airfields) 136.

<sup>6</sup> 600.1 (Hickam Fld.) 317, 344, 345, 346, 347, 348, 349, 361.

<sup>7</sup> 635 (War Reserve) 141.

<sup>8</sup> 1st Ind. dtd. 9 June 41 OCE 635 (War Reserve) 141.

<sup>9</sup> 600.1 (Hawaiian Dept. Airfields) 40.

<sup>10</sup> AWS, gasoline reserve, Hawaiian Constructors.

<sup>11</sup> 3820 (Priorities Preference Rating) 3.

<sup>12</sup> 3820 (Priorities Preference Rating) 40.

<sup>1</sup> 3820 (Priorities Preference Rating) 39.

<sup>2</sup> OPM to OCE file 400.1301) 95.

tact with the personnel of the ANMB and was constantly urging a rating of A-1-a. This office was more successful in the case of Alaskan construction, since an A-1-a rating was assigned thereto 4 September 1941.<sup>3</sup> No documents have been found in this office showing a request for an A-1-a rating for Hawaii, nor can it be recalled whether such a request was actually reduced to writing. However, the undersigned recalls distinctly that on the day following Pearl Harbor, Jacob R. Hershey, Captain, CE, in the ANMB office, called him and said, in substance, "Well, I guess from what happened yesterday you were justified in asking to have Hawaii advanced to an A-1-a".

13. Of particular significance on the number of requests received by the Office of the Chief of Engineers from or on behalf of Hawaiian construction projects was the policy of the ANMB for granting priorities higher than assigned by Priorities Directives. Actually, the amount of general and detailed information required by the ANMB and the OPM in support of each such request was so comprehensive that the mere compilation consumed considerable manpower and time. In fact, the ANMB states that: "It is the announced policy to utilize priorities only as a last resort for relieving production difficulties. The results of efforts by the Chiefs of Supply Arms and Services to solve procurement problems by other means must be known by the Army and Navy Munitions Board before relief by priorities measures can be justified"<sup>4</sup>. Under these circumstances proportionately few requests reached the Office of the Chief of Engineers, since the major effort had to be exerted at contractor levels, and the district and the division levels before this office could approach the ANMB for assistance.

[5] 14. Also to be noted is the fact that about the time the ANMB began assigning A-1-c ratings to certain Hawaiian projects<sup>1</sup> that Board published a letter, dated 17 June 1941<sup>2</sup>, stating the broad objectives of the Priorities System and the basis on which requests for higher ratings would be considered. The letter stated that: "From the point of view of priorities agencies [ANMB and OPM], delays in completing some contracts are but a measure of the improvement made possible in other contracts of greater importance \* \* \* the delays occasioned to lower rated orders are indication that the system, as a whole, is functioning". It further states that: "While this Board is entirely sympathetic with the aims [to assure completion and delivery, as scheduled] of these agencies \* \* \*, it is desired to point out that requests based *only upon a desire to complete a contract on time is not a valid reason to raise the priorities*" (italics supplied). Requests for higher-than-normal preference ratings were considered justifiable when "(a) the military importance of a particular project or order exceeds that importance of the general item \* \* \*, and (b) where a minor amount of material is needed to complete a relatively large contract \* \* \*"<sup>3</sup>.

15. The Commanding General of the Hawaiian Department, the Office of the Chief of Engineers, and the lower echelons of each, had to be governed by the broad view of the rearmament program when priorities assistance was requested for individual projects<sup>5</sup> and for all projects collectively<sup>4</sup> similar to that for Panama. At least twice in the recollection of the undersigned a verbal sounding-out of the Board for an A-1-a rating for Hawaii was made; e. g., when priorities on Alaskan projects were raised to that level<sup>6</sup> on 4 September 1941 and when the Transpacific Ferry Route project was similarly rated<sup>7</sup> on 24 October 1941, both at the request of this office. Apparently, the military importance of Hawaiian projects was considered to merit an A-1-c rating, as viewed at that time.

16. In conclusion, from the evidence available in the files of this office and from personal recollections of the undersigned, the agencies responsible for directing and supervising construction projects in Hawaii [6] were not remiss in stressing procurement and transportation difficulties and in urging high priority for individual projects and for all work in Hawaii. Requests to

<sup>3</sup> 5th Ind. by ANMB to OCE, file 600.1 (Alaska) 184, dtd. 4 Sept. 1941.

<sup>4</sup> Ltr. fm. ANMB to Chiefs of all Army and Navy Services and Bureaus, dtd. 16 Aug. 41, quoted as pars. 1-3 incl., C/L (Fin. No. 144) (Contr. No. 52) (Supply No. 1) dtd. 28 Aug. 41.

<sup>5</sup> AWS on 17 June 41; gasoline reserve 9 June 41.

<sup>6</sup> OCE file 3820 (Nat. Def.) 435; also quoted as par. 4, C/L (Fin. No. 144) (Supp. No. 1), 28 Aug. 41.

<sup>7</sup> ANMB ltr. dtd. 17 June 41—see footnote 2 above.

<sup>8</sup> Ltr. 11 July 41, CG, HD, to TAG 4 June 41, 3 July 41 (see footnote 1, page 1, herein); ltr. OCE to ANMB, 27 Aug. 41, file 3820 (Priority Preference Rating) 3.

<sup>9</sup> TT 13 May 41 Div. Engr. to OCE, 676.3 (AWS-HW) 33; ltr. Div. Engr. to OCE 12 June 41, 676.3 (AWS-HW) 39; ltr. DE, Honolulu, to OCE 11 July 1941, 600.1 (Hwn. Dept. Airfields) 130; see also footnotes 4 and 5, page 3, herein.

<sup>10</sup> 600.1 (Alaska) 184.

<sup>11</sup> 3820 (Priority Preference Rating) 126.

higher authorities for assistance in securing specific items had to be preceded first by exhaustive efforts on the part of the field to secure the items and, if unsuccessful, had to be fully supported with detailed information and supporting statements. Although this policy of the ANMB was not so intended, in practice it resulted in many fewer requests for assistance being submitted to higher authorities than the number of instances which actually existed.

17. Some of the cases which a search of the files in the Office of Chief of Engineers has disclosed are appended hereto.

JOSEPH L. D. MISIORA,  
Lt. Colonel, Corps of Engineers,  
Executive Officer; Fiscal Branch.

Incl.

List of Citations to Following Files:

600.1 (Hawaiian Dept. Airfields)  
400.291 (Stock Piles QM)  
635 (War Reserve)  
3820 (Priority Preference Rating)  
400.1301  
676.3 (AWS-Hawaii)  
600.1 (Hickam Field)  
523.07 (Hawaiian Dept.)  
3820 (National Defense)  
686 (Bellows Field, TH)

[7] INCLOSURE TO MEMORANDUM PRIORITIES ON HAWAIIAN CONSTRUCTION  
29 AUGUST 1944

Listed hereunder are citations to specific cases on file in the Office of the Chief of Engineers showing, in part, the assistance requested and rendered on priorities matters for construction projects in Hawaii up until the Pearl Harbor attack.

NOTE: A serial number reference in parenthesis, thus (40), denotes the appropriate location in the file, since the document does not bear its own serial number.

FILE: 600.1 (HAWAIIAN DEPARTMENT AIRFIELDS)

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
28 Feb. 41	40	S. Pac. Div. to OCE.....	TT—Requests priority rating on Contract W-414-eng-602—Hawaiian Constructors.
1 Mar. 41	(40)	OCE to So. Pac. Div.....	TT—Authorizing A-1-g rating.
3 Mar. 41	39	So. Pac. Div. to OCE.....	Reports difficulty in transportation: "Constant changes in arrangements with Army Transport Service of national defense materials to Hawaii have hampered materially to expedite delivery." (See also letter 3 July 1941 CG, HD, to TAG referred to under file 523.07 (Hwn. Dept.) 1, herein.)
11 Mar. 41	1st-39	OCE to So. Pac. Div.....	Reports arrangement with General Staff that OQMG will handle all transportation and that "hereafter full dependence be placed upon that Service [Water Transport] to supply all transportation needs." (Ltr. to OQMG to make arrangements in this file.)
1 Apr. 41	59	DE, Hon. to OCE.....	Transmits Certificate with A-1-g rating on Contract W-414-eng-602. See Serial No. 40.
17 June 41	103	DE, Hon. to OCE.....	Transmits certificates on various items. Under the Priorities System each had to be preceded by a request as in the case of Serial No. 40 Requests not located in OCE file.
17 June 41	104	DE, Hon. to OCE.....	
17 June 41	105	DE, Hon. to OCE.....	
17 June 41	106	DE, Hon. to OCE.....	
(81)			
11 July 41	130	DE, Hon. to OCE.....	Lists required information and contract W-414-eng-602 and subcontracts with completion dates. Requests priority rating "with authority to extend and reextend such ratings to suppliers. Because of the isolated location of the projects it is recommended that the priority ratings assigned be as high as possible consistent with current priorities directives. Transportation of the major portion of the equipment and supplies required in the execution of the work must be made from the mainland with subsequent transshipments via steamer and thence by local railroads on the islands involved."

FILE: 600.1 (HAWAIIAN DEPARTMENT AIRFIELDS)—Continued

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
22 July 41	1st, 130	OCE to ANMB.....	"Capt. Hershey (ANMB) informs this office that a rating of A-1-c would be applicable to this contract. The district engineer has been informed of this rating by wire."
22 July 41	(130)	OCE to DE, Hon.....	TT advising A-1-c rating authorized on contract eng-602.
1 Aug. 41	164	HWN Dept. Eng. to OCE...	Requests rating for items for Hilo Elec. Co.
16 Aug. 41	1st, 164	OCE to ANMB.....	Transmits request for rating for Hilo Electric.
4 Sept. 41	184	HWN Dept. Eng. to OCE...	Requests rating for steel and instruments ordered by Hilo Elec. through Honolulu Iron Works
11 Sept. 41	1st, 184	OCE to ANMB.....	Recommendations request be forwarded to OPM.
15 Sept. 41	191	ANMB to OPM.....	C. C. Re. Ser. 184 ANMB recommends A-1-d to OPM.
17 Sept. 41	1st, 191	OCE to So. Pac. Div.....	Advise OPM will assign A-1-d. Authorizes use of A-1-d.
[9]			
9 Sept. 41	187	So. Pac. Div. to OCE.....	Requests increase from A-1-c to A-1-a on cable required for distribution system at Wheeler and Hickam. A-1-c delivery promised February 1942 at earliest.
13 Sept. 41	1st, 187	OCE to So. Pac. Div.....	Advise that ANMB insists on clear showing what orders at manufacturer's plant will be displaced.
13 Sept. 41	204/1	CGHD to TAG.....	TT Referring to Clipper letter 28 July 41, OCE file 400.291 (Stock Pile QM)1, herein, stating that DE, Hon. received \$1,000,000 revolving fund for stock pile. Requests similar allotment to ZCQM.
16 Sept. 41	(204/1)	OCE to So. Pac. Div.....	Advise OC of S disapproves OCE stock pile fund.
22 Sept. 41	208	So. Pac. Div. to OCE.....	TT Re stock pile in Hawaii with OCE funds. Advise that DE, Hon. is applying funds to airfield improvement.
22 Sept. 41	204	TAG to CG, HD.....	Re TT Ser. 204/1. Funds for stock pile not approved. Engineers funds are for projects, not stock pile.
22 Sept. 41	1st, 204	TAG to OCE.....	Transmits copy of TT Ser. 204 and directs that funds be recalled if allotted for stock pile. See Ser. (204/1). 2nd, 3rd and 4th Ind. to Ser. 204 Shows compliance with Ser. 1st, 204.
20 Sept. 41	206	So. Pac. Div. to OCE.....	Requests information whether Hawaii is an "advance" base per ANMB ltr. 5 Sept. 41 which would entitle it to an A-1-a rating.
22 Sept. 41	(206)	OCE to So. Pac. Div.....	TT advises that Hawaii not considered an advance base. (It is recalled that at this time an informal attempt was made to have it considered as "advance").
26 Sept. 41	209	ANMB to OCE.....	Advise that OPM assigned A-1-c rating to Hilo Elec.
29 Sept. 41	1st, 209	OCE to So. Pac. Div.....	Transmits basic and quotes OCE TT to DE, Hon. that A-1-c rating may be assigned to all items regardless of critical list.
[10]			
29 Sept. 41	(209)	OCE to DE.....	TT advising A-1-c authorized to Hilo Elec.
1 Nov. 41	(256)	OCE to So. Pac. Div.....	Advise that QMG instructed ZCQM to make available to Engineers the stock pile (see Ser. Nos. 204, 204/1 and 208 in this file and Ser. Nos. 1 2 and 10 under 400.291 (Stock Piles QM)).

[11] FILE: 400.291 (STOCK PILES QM)

28 July 41	1	CG, HD to TAG.....	Reports delay in securing materials for construction. Three or four months are necessary to procure construction materials after funds are allotted. With the District Engineer's "construction crews now well organized, the rate of using these materials has greatly accelerated and stock is being depleted * * *". Refers to South Pacific Division Engineer's recommendation to give D. E. Honolulu \$1,000,000. for procurement of materials in advance (Recommendation of Div. not in OCE file.) Thinks the materials situation may become critical. He "strongly recommends that the suggestion of the Division Engineer, San Francisco, be adopted * * *". See also substance of letter of CG, HD to OCE 11 July 1941 under 523.07 (Hawaiian Dept.) 1; and TT of CG HD to TAG, 13 Sept. 1941 under 600.1 (Hawaiian Dept. Airfields) 204/1.
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2998 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

FILE: 400.291 (STOCK PILES QM)—Continued

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
1 Aug. 41	1st, 1	TAG to OCE-OQMG	Remarks and recommendations.
7 Aug. 41	2nd, 1	OCE to OQMG to TAG	Recommends \$1,000,000 for stock pile from Air Corps funds. Reimbursement to be secured from 1943 funds.
21 Aug. 41	3rd, 1	OQMG to TAG	Advises OQMG established stock pile of lumber of \$600,000. Recommends additional \$500,000. for other materials.
27 Aug. 41	4th, 1	TAG to CG, HD	Revolving fund for Engineers not favorably considered. States QM will augment present stock pile, including materials other than lumber, Engineers to use but will replace materials.
27 Sept. 41		TAG to OQMG	1st Ind. to CG of 4th Ind. to Ser. 1 above, directing OQMG to establish stock pile available to Engineers.
[12]			
29 Sept. (?)	10	OQMG to ZCQM	Instructs ZCQM in Hawaii to enable Engineers to withdraw materials from stock pile as required.
20 Oct. 41	2	OQMG to ZCQM	Requests outline of steps taken to implement Ser. 10.
28 Oct. 41	1st, 2	ZCQM to OQMG	Reports that conference held 16 Oct. with D. E. Honolulu, and G-4 outlining plan.

[12A]

FILE: 635 (WAR RESERVE)

4 June 41	141	OCE to ANMB	Recommends highest possible rating for aviation gasoline reserve. "The need for building up adequate * * * reserves is of utmost importance."
9 June 41	1st, 141	ANMB to OCE	Authorizes A-1-b for Panama; A-1-c for Hawaii; and A-1-e for domestic projects.
12 Nov. 41	412	OCE to S. Pac. Div	Advises delivery dates for tanks. Offers assistance if dates are unsatisfactory.
3 Dec. 41	543/1	Supplier to OCE	Steel for gasoline storage for Hawaii being held-up. Requests assistance.
9 Dec. 41	543	OCE to OUSW	Information from supplier not sufficient but attempt made to secure assistance from OUSW Steel Unit. Pittsburgh D. E. advised that A-1-c is applicable since tanks are diverted to Hawaii.

[13]

FILE: 3820 (PRIORITY—PREFERENCE RATING)

8 Aug. 41	(3)	ACE to S. Pac. Div	Authorizes A-1-c to projects in Hawaii. Requests detailed information to support request for blanket rating.
27 Aug. 41	3	ACE to ANMB	Transmits information on Hawaiian projects submitted pursuant to TT Ser. (3).
18 Aug. 41	5	Hw. Dep. Engr. to OCE	Requests rating for steel for Honolulu Iron Works which is a supplier to defense contractors and should have stocks on hand. See also letter 15 Oct. 41, 400.1301134.
9 Sept. 41	21	ANMB to OPM	Recommending A-2 for Honolulu Iron Works, re Ser. 5.
6 Sept. 41	16	ANMB to OPM	Forwarding request recommending A-1-d on equipment for Honolulu water system.
11 Sept. 41		Gen. Reybold to ANMB	Outlines difficulties on construction because of priorities system since only end items and contracts are assigned ratings but not projects nor items not on critical list, yet these items contain materials which are critical. Requests addition of projects to critical list, including AWS (a general letter in which Hawaii was not mentioned specifically but the comments were pertinent thereto.)
23 Oct. 41	126	OCE to OPM	Requests Proj. Rating Order for Hawaii-Phil. Ferry Route.
24 Oct. 41	1st, 126	OCE to S. Pac. Div	Advising A-1-a assigned, re Ser. 126 (Blders. Ser. No. 62).
24 Oct. 41	(126)	OCE to S. Pac. Div	TT—Advising of A-1-a.
10 Oct. 41	127	Hw. Dept. Eng. to OCE	Requests assistance on equipment for Hilo Electric

[13] FILE: 3820 (PRIORITY—PREFERENCE RATING)—Continued

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
14 Oct. 41	131	Hw. Dept. Eng. to OCE.....	Refers to letter dated 11 July 1941 from D. E., Honolulu (his file Engrl 400.174, not in OCE file), requesting assistance in getting hose for fire equipment for city of Honolulu. Requests further effort.

[14]

30 Oct. 41	1st, 131	OCE to ANMB.....	Strong recommendation made to accrue hose. Advises A-4 rating assigned. Reports hose delivered. Requests assistance on equipment for vocational school on national defense.
18 Nov. 41	4th, 131	ANMB to OCE.....	
13 Feb. 42	7th, 131	Hw. Dept. Eng. to OCE.....	
13 Nov. 41	189	Hw. Dept. Eng. to OCE.....	

[15]

FILE: 400.1301

NOTE: Requests listed herein for priorities assistance to local supplier, public utilities, city of Honolulu, and other non-defense agencies were supported by the Commanding General, HD, because the local suppliers maintained stocks upon which defense contractors drew, and because the other agencies directly or indirectly contributed to construction progress. These requests were submitted to the Office of the Chief of Engineers because the CG, HD, appointed the Department Engineer as priorities officer and coordinator. See letter from DG, HD, to OCE, dated 11 July 1941—file 523.07 (Hawaiian Department) 1.

26 July 41	1	Hwn. Dept. Eng. to OCE....	Requests rating for City of Honolulu water system materials.
13 Aug. 41	(1)	OCE to ANMB.....	Requests rating re Ser. 1.
28 July 41	5	Hwn. Dept. Eng. to OCE....	Requests assistance on lift trucks for a drayage company.
1 Aug. 41	8	Hwn. Dept. Eng. to OCE....	Requests assistance on steel and other materials for Honolulu Water system.
15 Aug. 41	1st, 8	OCE to ANMB.....	Transmits request re Ser. 8.
9 Sept. 41	61	OPM to Bd. Wtr. Sup.....	Assigns A-1-d to materials re Ser. 8.
2 Aug. 41	9	Hwn. Dept. Eng. to OCE....	Requests assistance for material for Hilo Electric Co.
18 Aug. 41	1st, 9	OCE to ANMB.....	Transmits request, re Ser. 9.
2 Aug. 41	11	Hwn. Dept. Eng. to OCE....	Requests assistance for rating on multi-fork trucks for Castle and Cooke Terminals, Ltd.
8 Sept. 41	59	OPM to Supplier.....	Assigns A-1-c, re request Ser. 11.
16 Aug. 41	12/1	ANMB to OPM.....	Recommends A-1-d on pipe and fittings, City of Honolulu. Basic request not on file.
8 Aug. 41	16	Hwn. Dept. Eng. to OCE....	Requests assistance on meters and other equipment for Hilo Electric.
22 Aug. 41	1st, 16	OCE to ANMB.....	Requests rating be secured from OPM re Ser. 16.
25 Aug. 41	112	ANMB to OPM.....	Recommends A-1-d to OPM.
9 Aug. 41	17	Hwn. Dept. Eng. to OCE....	Requests rating on fittings for school used in defense training.
26 Aug. 41	37/1	ANMB to OPM.....	Recommends A-4 to OPM re Ser. 17.
8 Aug. 41	18	Hwn. Dept. Eng. to OCE....	Requests rating for Honolulu Water System supply for housing.
25 Aug. 41	111	ANMB to OPM.....	Recommends A-1-d to OPM re Ser. 18.

[16]

8 Aug. 41	19	Hwn. Dept. Eng. to OCE....	Requests rating for cement lined water pipe and fittings for City of Wahiawa. City "will be used for dispersion of evacuees from Honolulu and other crowded areas" in time of an emergency.
25 Aug. 41	110	ANMB to OPM.....	Recommends A-1-s to OPM re Ser. 19.
27 Sept. 41	89	ANMB to OCE.....	Advises OPM issued A-1-o to Wahiawa Water, re ser. 19.
21 Aug. 41	43	Hwn. Dept. Eng. to OCE....	Requests rating on materials and equipment for Hilo Electric.
26 Aug. 41	54	OCE to ANMB.....	Requests A-1-a for 50% of blasting caps, including for Hawaii.
3 Sept. 41	68	Hwn. Dept. Eng. to OCE....	Requests rating on material for electric system of private company.
16 Sept. 41	1st, 68	OCE to ANMB.....	Recommends assistance be obtained from OPM.
8 Sept. 41	72	Hwn. Dept. Eng. to OCE....	Requests rating for Hilo Elec. to extend its lines.
18 Sept. 41	1st, 72	OCE to ANMB.....	Transmits request re Ser. 72.
19 Sept. 41	76	ANMB to OPM.....	Recommends A-1-d for Hilo Elec., re Ser. 72.
16 Sept. 41	73	OPM to OCE.....	Advises A-1-d rating issued on water system.
18 Sept. 41	65	OCE to ANMB.....	Requests assistance on certain materials for Hilo Electric.
19 Sept. 41	75	ANMB to OPM.....	Transmits request to OPM without recommendation.
19 Sept. 41	74	OPM to OCE.....	Advises of A-1-d for Hilo Elec., re Ser. 65.



FILE: 400.1301—Continued

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
2 Oct. 41	95	OPM to OCE.....	Assigns A-1-c in blanket to Hawaiian project (only reference is in index to file 400.1301).
29 Aug. 41	118	Hwn. Dept. Eng. to OCE....	Transmits 42 requests for ratings for Hilo Electric.
22 Sept. 41	105	Hwn. Dept. Eng. to OCE....	Recommends favorable action for police force equipment for County Provisional Police Guard.
15 Oct. 41	131	Hwn. Dept. Eng. to OCE....	Requests assistance for Honolulu Iron Works stock pile.
29 Oct. 41	1st, 134	OCE to ANMB.....	Recommends referring to OPM for favorable action.
[17]			
15 Oct. 41	135	Hwn. Dept. Eng. to OCE....	Requests rating on equipment for St. Francis Hospital.
28 Oct. 41	1st, 135	OCE to ANMB.....	Recommends reference to OPM for favorable action.
20 Oct. 41	139A	So. Pac. Div. to OCE.....	TT requesting A-1-a for Transpacific Ferry Route.
29 Oct. 41	163	Hwn. Dept. Eng. to OCE....	Requests A-1-d for Hilo Elec. equipment.
14 Nov. 41	1st, 163	OCE to ANMB.....	Recommends A-1-d, re Ser. 163.
31 Oct. 41	172	Hwn. Dept. Eng. to OCE....	Requests rating for St. Francis Hospital equipment.
1 Nov. 41	173	Hwn. Dept. Eng. to OCE....	Requests rating for sewerage system of Honolulu.
18 Nov. 41	1st, 173	OCE to ANMB.....	Recommends reference to OPM for rating.
5 Nov. 41	175	Hwn. Dept. Eng. to OCE....	Requests rating on equipment for St. Francis Hospital.
4 Nov. 41	148	OCE to So. Pac. Div.....	TT—Advising that A-1-c was assigned for all materials, critical and non-critical, for numerous projects by Preference Rating Order No. 19, Builders' Serial No. 60 (information therefor submitted to ANMB 27 Aug. 41, see 3820 (Priority Preference Rating) 3 in OCE).
19 Nov. 41	188	ANMB to OPM.....	Recommends A-1-d on manhole covers for City of Honolulu.
25 Nov. 41	189	OCE to Hwn. Dept. Eng....	Informs that St. Francis assigned A-1-d re Ser. 135

Following cases originating after Pearl Harbor are cited to show that A-1-c for Hawaii was not changed generally.

10 Dec. 41	258	So. Pac. Div. to OCE.....	TT—Quoting DE, Hon. requesting A-1-a for rock crushed.
13 Dec. 41		OCE to ANMB.....	Requests A-1-a for rock crushed re Ser. 258 (note on TT Ser. 258).
15 Dec. 41	254	ANMB to OCE.....	Authorizes A-1-a, re Ser. 258.
15 Dec. 41		OCE to So. Pac. Div.....	Advises A-1-a authorized, re Ser. 258.
[18]			
20 Dec. 41	274	So. Pac. Div. to OCE.....	Informs that A-1-a on approximately \$5,000,000 of equipment is not high enough. Requests OPM issue blanket AA rating for 60 days for all equipment.
22 Dec. 41	(274)	OCE to So. Pac. Div.....	Advises AA not favorably considered. Offers assistance on specific items.
16 Dec. 41	288	So. Pac. Div. to OCE.....	TT—Quoting DE, Hon. requesting AA on 15 generators.
17 Dec. 41	(288)	OCE to So. Pac. Div.....	Advises ANMB requests all information to consider case.
22 Dec. 41	305	OCE to So. Pac. Div.....	TT—Replying to SPD TT 19 Dec. 41 advises that request for blanket A-1-a or better for all materials not approved as it would disrupt priorities system. System must be controlled centrally. OCE will act on telephone or telegraph request direct from project but all information to be furnished in first instance.
22 Dec. 41	342	OCE to So. Pac. Div.....	Assigns A-1-a to all emergency repair required as a result of enemy action. AA upon request.

[19]

FILE: #676.3 (AWS—HAWAII)

13 May 41	33	S. Pac. Div. to OCE.....	TT—Requesting blankets rating for aerial cable for AWS Station on W-414-eng-784. Advises that track, cable, traction rope, structural steel, electric motors are required but are not on critical list. Completion required 20 Sept. 1941. CG, HD, desires station completed at earliest possible date. Recommends authorization of rating commensurate with desire of Department.
22 May 41	(33)	OCE to S. Pac. Div.....	TT—Advising ANMB assigned A-1-f to prime contractor for items on critical list (by 1st Ind., 20 May 1941 to Ser. 33).

FILE: #676.3 (AWS—HAWAII)—Continued

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
12 June 41	39	S. Pac. Div. to OCE.....	Refers to 13 May TT and advises A-1-f priority is not sufficiently high; that it will cause delay but cannot say how much. Informs that CG, HD states AWS is urgent. Requests highest possible rating.
17 June 41	1st, 39	OCE to ANMB.....	Stresses urgency of AWS.
20 June 41	2nd, 39	ANMB to OCE.....	Assigns A-1-c to AWS.
24 June 41	3rd, 39	OCE to S. Pac. Div.....	Advises of A-1-c and that contractor notified; offers further assistance. (See Ser. Nos. 45, 46 and 50.)
11 June 41	37	CG, HD to TAG.....	TT—Informs TAG that A-1-g on Contract 784 will result in delay of 15 weeks. Requests A-1-b.
17 June 41	2nd, 37	OCE to TAG.....	Advises TAG that A-1-c was assigned by ANMB upon telephonic request (pursuant to request from Division Engineer, see Ser. 39 above).
9 July 41	45	Contractor to OCE.....	Contractor gives evidence of inability to get steel deliveries.
11 July 41	(45)	OCE to Contractor.....	Informs contractor of procedure to get assistance.
[20]			
21 July 41	46	Contractor to OCE.....	Contractor requests assistance to obtain castings for AWS.
24 July 41	(46)	OCE to OPM.....	Submits forms and order for castings. Points out—“The project [AWS] on which this material is needed is one which is vital to the defense of Hawaii [and] which would take on added importance should the situation in the Pacific become more critical.” Urges every possible assistance be given to contractor.
11 Aug. 41	54	OPM to OCE.....	Advises that, by shifting patterns and order, castings will be delivered 15 Sept. 41.
12 Aug. 41	(46)	OCE to Contractor.....	Advises that OPM, by shifting patterns and order to another supplier, has moved up delivery to 15 Sept. 41.
13 Aug. 41	(57)	OCE to S. Pac. Div.....	Advises Division Engineer of 12 Aug. 41 letter to Contractor.
4 Aug. 41	50	Contractor to OCE.....	Requests higher rating on Contract 784, difficulty in getting steel.

[21] FILE: 600.1 (HICKAM FIELD)

8 Mar. 41	139	DE, Hon. to OCE.....	Transmits cc of priority certificate of A-1-g on W-414-eng-672, 696, 683, 722, 658, 669, 670 and 660. Requests for these priorities have not been located in OCE files, but under the priorities system each had to be preceded by a request which went to the ANMB for approval and for assignment of a rating.
8 Mar. 41	140	DE, Hon. to OCE.....	
8 Mar. 41	141	DE, Hon. to OCE.....	
8 Mar. 41	142	DE, Hon. to OCE.....	
1 Apr. 41	157	DE, Hon. to OCE.....	
1 Apr. 41	162	DE, Hon. to OCE.....	
28 Mar. 41	147	So. Pac. Div. to OCE.....	Requests extension of A-1-g to certain items not on the critical list.
6 Apr. 41	148	ANMB to OPM.....	Transmits request re Ser. 147 requesting A-1-e.
22 Apr. 41	186	So. Pac. Div. to OCE.....	Follow-up on Ser. 147 and 148.
29 Apr. 41	192	ANMB to OCE.....	Re Ser. 147. Advises that supplier can ship without rating.
12 June 41	270	So. Pac. Div. to OCE.....	Requests rating for tandem rollers (not critical item) for W-414-eng-602.
18 June 41	1st, 270	OCE to ANMB.....	Requests assignment of rating.
17 July 41	2nd, 270	ANMB to OCE.....	Advises OPM issued rating.
19 June 41	282	So. Pac. Div. to OCE.....	TT follow-up re Ser. 270 (A note on TT states OCE was advised that OPM wired supplier to release and Division Engineer was informed).
30 July 41	4th, 270	So. Pac. Div. to OCE.....	Advises shipment made.
6 June 41	274	So. Pac. Div. to OCE.....	TT requesting assistance on shipping of cable.
12 June 41	(274)	OCE to So. Pac. Div.....	TT DE Ser. 274 advises shipping arranged.
21 June 41	277	So. Pac. Div. to OCE.....	Requests A-1-b for steel in lieu of A-1-g on contract 722.
24 June 41	1st, 277	OCE to So. Pac. Div.....	Advises A-1-c is authorized.
24 June 41	(277)	OCE to So. Pac. Div.....	TT advises A-1-c is authorized.
7 July 41	303	So. Pac. Div. to OCE.....	Request priority for rock crusher on contract Eng 602.
10 July 41	1st, 303	OCE to ANMB.....	Requests rating. Informs ANMB that request for contract rating was requested under 600.1 (Hwn. Dept. Airfields) 130.
12 July 41	(303)	ANMB to OPM.....	Recommends A-1-c for rock crusher.
12 July 41	2nd, 303	ANMB to OCE.....	Transmits cc Ser. (303).
14 July 41	3rd, 303	OCE to So. Pac. Div.....	Advises A-1-c rating on contract 602 and transmits cc Ser. (303).

## 3002 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

FILE: 600.1 (HICKAM FIELD)—Continued

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
13 July 41 [22]	317	DE, Hon. to OCE.....	TT advising that A-1-e has been assigned to W-414-eng-696.
28 Nov. 41	(504)	OCE to OUSW.....	Steel Unit, OUSW, requested to secure allocation of steel for Fire Control and Repair Bldg. at Hickam which steel the Division Engineer cannot obtain.
2 Dec. 41	504	OUSW to OCE.....	Re Ser. (504). Advises that OPM requested to insert rolling of steel in January 1942 schedules.

[23]

FILE: 523.07 (HAWAIIAN DEPARTMENT)

Letter dated 11 July 1941 from CG, HD, to OCE (through TAG), filed as Serial No. 1 under this file. Although this letter primarily advises that the Commanding General appointed the Department Engineer as the coordinating officer on all priorities matters under his command, it contains as an inclosure a letter dated 3 July 1941 from the CG, HD, to the TAG. The substance of this letter, dated 3 July 1941, is important in that it reports upon materials and transportation difficulties on Hawaiian projects, and refers to prior reports made by him on the same subject.

The letter of 3 July 1941, in substance, as follows:

Increasing difficulties in procurement of materials. Hawaii presents special problems in procurement due to shipping. Construction agencies are anticipating their needs, but it is impossible to anticipate every item. There is no apparent coordination of shipping priorities on the West Coast. Contractors and local suppliers are encountering increasing difficulties. Reports that ANMB in its directive of 27 November 1940 placed Panama in an A-1-b priority, but assigned no similar blanket coverage for Hawaii. He stated that:

"The Aircraft Warning Service is the most important single project in this Department, and under the general classification in this directive the highest priority which could be assigned to it would be A-1-f. It is believed that the conditions facing this Department are similar to those in Panama and that \* \* \* blanket priority classification for our defense projects should be authorized, and this rating should be high."

He recommended: high blanket ratings; authority be given him to select essential firms (local suppliers) to which ratings may be given; and the establishment of a liaison on shipping on the West Coast for shipping priorities.

[24]

FILE: 3820 (NATIONAL DEFENSE)

Date	File Serial No.	Office Originating & Receiving Corres.	Substance of Correspondence
11 July 41	482	Hwn Dept. Eng. to OCE....	Requests rating on "non-critical" items required by City of Honolulu and by Major Disaster Council.
15 July 41	1st, 482	OCE to Hwn Dept. Eng. ....	Advises only non-defense items which are vital to defense can be sent to OCE requesting assistance.
17 July 41	563	Hwn Dept. Eng. to OCE....	Requests assistance for 150 cast steel wheels for Inter-Island Steam Navigation Co., Honolulu. Required for doors on piers taken over by Army.
19 Sept. 41	6th, 563	ANMB to OCE.....	Assigns A-1-c to castings, re Ser. 563.
22 Sept. 41	(563)	OCE to So. Pac. Div.....	Advising A-1-c to castings, re Ser. 563.
31 July 41	564	ANMB to OCE.....	Advises OPM considering assigning project rating order on construction projects outside continental U. S. Specified data required to be submitted.
15 Aug. 41	619	OCE to ANMB.....	Data on Hawaiian projects submitted, re Ser. 564.

[25]

FILE: 686 (BELLOWS FIELD)

14 Oct. 41	19	DE, Hon. to OCE.....	Requests higher than routine rating (now A-1-c) to trucks for Bellows Field. A-1-a is needed. Delivery required 15 Oct. Promised—indefinite. Bellows Field "urgently needed". Field design by CG, HD as "ranking first in priority in program for development of outlying airports in the Hawaiian Islands * * *"
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FILE: 686 (BELLOWS FIELD)—Continued

Date	File Serial No.	Offices Originating & Receiving Corres.	Substance of Correspondence
21 Oct. 41	2nd, 19	OCE to ANMB.....	Recommends A-1-a be assigned.
28 Oct. 41	26	So. Pac. Div. to OCE.....	Requests TT advice on A-1-a request for trucks, re Ser. 19.
29 Oct. 41	(26)	OCE_to_So_Pac_Div.....	Advises that supplier has difficulty obtaining materials. ANMB states it is rendering all possible aid. Will continue to advise on progress.

ARMY PEARL HARBOR BOARD EXHIBIT No. 30

SIGNAL CORPS, UNITED STATES ARMY

(Stamped:) MAR 3 1727 PM 1941.

Fort Shafter  
Honolulu T H

Received at  
51 WAR AB 262 WD  
WASHINGTON DC 732P MAR 3 1941

COMMANDING GENERAL

*Hawaiian Department, Fort Shafter, T. H.*

In reply cite AGMO REUR fifth indorsement third January nineteen hundred forty one file engr six seven six point three period

Informal discussion with officials National Park Service indicates Department of Interior is opposed to permanent transfer of any additional land in Hawaii National Park comma but will grant special use permit for Red Hill installation as recommended by you period

Proposed road location appears satisfactory period

No difficulty anticipated regarding telephone line period

Park Service opposed to use of forty acre tract for camp site and suggest use of CCC Spur Camp in same general locality period

Some facilities at CCC Camp now and special use permit would be granted including permit to construct additional buildings and facilities comma with understanding that such installations will remain for park use when war department need no longer exists period

(Stamped:) 1940 MAR 4 AM 8:48

(Stamped:) RECEIVED 4 MAR 1941, H. Q. HAW'N. Dept. A. G. O.

(Stamped:) FOR ACTION

SIGNAL CORPS, UNITED STATES ARMY

Received at  
NR 51 WAR AB PAGE TWO

Need for kitchen comma dining room comma private rooms for section chief and shower in combined communication and caretaking building at Red Hill not apparent and desired that consideration be given to holding this building to minimum to provide small storeroom comma latrine comma and room to shelter personnel not actually engaged in operating station period

All preliminary building plans must be submitted to Department of Interior prior to granting permits period

After agreement with superintendent national park desired you transit preliminary building plans to him for forwarding to Park Service in Washington period

Additional copies to War Department by air mail period similar radio being sent by Park Service to superintendent in Hawaii period

Your comments and recommendations desired by radio period

ADAMS  
455P

(Stamped:) FOR ACTION  
Form H. D. No. 1054