

306 AM

A True Copy:  
Edward von Geldern,  
EDWARD VON GELDERN,  
2nd Lt., F. A.

## IMMEDIATE ACTION

WAR DEPARTMENT,  
THE ADJUTANT GENERAL'S OFFICE,  
Washington.

1st Ind.

AG 380.82-Wheeler  
Field (8-27-41) NO

JF It

War Department, AGO, August 28, 1941—To the Chief of the Air Corps.

In connection with letter your office dated July 11, 1941, Etc 611.

By order of the Secretary of War:

[S] JOHN B. COOLEY,  
Adjutant General.

A True Copy:  
EDWARD VON GELDERN,  
2nd Lt., F. A.

Subject: Improvement of Landing facilities at Wheeler Field, T. H.

2nd Ind.

(12-116)

WAR DEPARTMENT,  
OFFICE, CHIEF OF THE AIR CORPS,  
Washington, D. C., September 2, 1941.

To: Commanding General, Hawaiian Department, Fort Shafter, T. H.

1. With reference to your radiogram dated August 27, 1941, attention is invited to 2nd Indorsement of base letter dated June 21st, subject as noted above, a copy of which is attached hereto.

2. A request has been made this date that \$25,000.00 be included in the funds estimated to be required for use in future airfield development. This sum is to be used for the leveling of the main runway at Wheeler Field.

3. No request will be made for the inclusion of funds for the construction of the auxiliary runway, pending receipt of the revised estimate as requested in the 2nd Indorsement referred to above.

By order of the Chief of the Air Corps.

FRANK M. KENNEDY,  
Colonel, Air Corps,  
Chief, Building & Grounds Division.

Incl. by 2nd Ind. 8/25/41

A True Copy:  
Edward Von Geldern,  
EDWARD VON GELDERN,  
2nd Lt., F. A.

[Exhibit 1E]

HEADQUARTERS HAWAIIAN DEPARTMENT,  
Fort Shafter, T. H., 10 June 1941.

## MEMORANDUM FOR DEPARTMENT ADJUTANT GENERAL:

Request that the following Secret official radiogram be sent. This message does NOT cover subject matter previously sent in a message, either in the clear or having a different security classification.

This message is routine.

ROBERT J. FLEMING, JR.,  
Major, Corps of Engineers,  
Assistant Department Engineer.

A true copy:  
EDWARD VON GELDERN,  
2nd Lt., F. A.

TO THE ADJUTANT GENERAL,  
Washington, D. C.

Division engineer San Francisco has informed me that the priority covering contract W dash four one four ENGR seven eight four with Interstate Equipment Corporation Elizabeth New Jersey is now a dash one dash G stop This contract is the one for furnishing all materias for cableway to Kaala aircraft Warning station Stop Motor and all electrical equipment sub contracted to General Electric Stop Division engineer states that with this priority there is strong probability that delivery this electrical material to contractor will be delayed about fifteen weeks Stop This Kaala station is the most important in aircraft warning system and early completion of this cableway is essential Stop I consider this aircraft warning service as the most important single project in this Department Stop Strongly recommended that the War Department give all possible assistance to Chief of Engineers to have priority on this contract changed to a dash one dash B

[S] SHORT.

ENC-SEC by Capt. C. J. Harrison SC-715P June 10 1941

HEADQUARTERS HAWAIIAN DEPARTMENT

FORT SHAFTER, T. H.

75 War EM 61 WD

WASHN DC. 740P June 26 1941.

C G

Hawn Dept Ft Shafter T. H.

904 26th

Agmc reurad three zero zero nine priority contract W dash four one four Engr seven eight four kaala AWS Station advanced to A dash one dash C Chief of Engineers will instruct Division Engineer on procedure should results under this priority be unsatisfactory

ADAMS.

616P

True Copy

Edward Von Geldern,  
EDWARD VON GELDERN,  
2d Lt., F. A.

[SECRET]

[1]

29 SEPTEMBER 1941.

SIG 676.3

Subject: Aircraft Warning Service Installation Hawaiian Department.

To: The Adjutant General, Washington, D. C.

1. Reference is made to letter, file AG 660.2 A. A. (7-5-41) MC-E, 8 July 1941, subject: "Aircraft Warning Service Philippine and Hawaiian Departments." A report of a Board of Officers convened at this headquarters to restudy the AWs project is being transmitted to the War Department by Clipper mail under separate cover. This board has considered the employment of the six fixed and six mobile stations allocated to this Department by the War Department. The increased number of stations now available has necessitated some adjustments in both type and location of the stations in the previously approved project of three fixed and five mobile units, as well as new locations. The results of this restudy are covered fully in the report being submitted, and are summarized in the following paragraphs.

*Locations a. Kauai.* There have been no changes in the fixed station now approved at Kokee. In the former project the mobile station on Kauai was planned for operation on the Waimea Kokee road. This mobile station is now recommended for operation on the coast north of Kilauea Village at latitude 22°13'50", longitude 159°23'54". There is no change in the base camp at Kauai which is now under construction at Kokee for the personnel of both the fixed and mobile stations.

*b. Maui.* No change has been made in the previously approved fixed station which is now under construction at Red Hill on Haleakala. Formerly approved project contained a mobile station to operate along the road up Haleakala. The project now being submitted makes no change in this mobile unit.

c. Hawaii. The former project contained a mobile station for the Island of Hawaii, which was to be operated from the upper terminus of the Mauna Loa truck trail, with a base camp for personnel at the Kilauea Military Camp. This station has been eliminated in the restudy and has been replaced by a fixed station in the vicinity of Pahoa at latitude 19°26'50" and longitude 154°57'5", and by a mobile station to operate from an initial position near Kahuku Ranch at latitude 19°30'30", longitude 155°41'40". A base camp similar to that on Kauai will be constructed near the fixed station for the personnel of both that station and the mobile unit.

d. Oahu (1) There is no change in the previously approved fixed station for Mt. Kaala.

(2) The formerly approved mobile station at Manawahua is to be replaced by a fixed station.

(3) Opana. Under the former project, there were not sufficient [2] stations to emplace one on the north shore of Oahu. With the increase in the number of stations allowed, this is now possible and it is recommended that a fixed station be installed at the Opana Triangulation station at coordinates (98.655-19.182).

(4) The increase in the number of stations has also made advisable the consideration of other locations for mobile units on Oahu. This reconsideration indicated that a location at Makapuu Point had many advantages over the former approved Pali location, and it is accordingly recommended that the Makapuu Point Station be considered as an initial operating position in lieu of the former Pali location.

(5) The increase in the number of stations allowed has also made possible the provision of units in reserve against the possibility of failure of one of the primary stations. Since Oahu is the central point in the islands for which protection must be secured, it has been decided to concentrate the reserve units on this island. For this purpose two mobile units are recommended as a mobile reserve and for general operations on Oahu and on other islands if necessary. These stations will be utilized as needed to either replace the other Oahu stations or reinforce the coverage in certain sectors. Locations on Oahu which have been considered for their employment are the Pali location discussed above, on the high ground along Tantalus Road, at Fort Shafter, and at various points along the coast.

(6) Information center. There has been no change in the previous location for the Information Center which is now under construction at Fort Shafter. In compliance with other directives, this installation has been combined with various command posts into an air defense command post.

(7) No base camps are being provided for the stations on Oahu as the personnel will be housed in construction already approved for the Signal Area, Fort Shafter. The same construction, however, will be built at the Manawahua and Opana fixed stations as is now approved for Kaala.

2. Reference is made to 2d Ind, Hq Haw Dept, OSigO, 31 May 1941, to the letter Sig. 676.3 (AWS) dated 17 October 40 in which Signal funds totalling \$75,281.84 were requested for the installation of radio and wire facilities for the original three fixed and five mobile stations. Due to the abandonment of the mobile station at the Nuuanu Pali on Oahu and the Moana Loa Station on Hawaii, this sum can be reduced by \$2,296.00 to \$72,985.84. The allocation of additional stations has necessitated increased demands for Signal communications. These additional communication facilities are summarized as follows:

a. Radio facilities for the control from the Information Center of pursuit task forces. This includes a station at the control airdrome with four satellite stations at the principal pursuit fields on Oahu.

Total cost..... \$55,000

b. Emergency power for pursuit radio control transmitters. This power is to allow the operation of pursuit control during commercial power failure.

Total cost..... \$12,000

c. Commercial power extensions to include provision of adequate commercial power for the base camps and the principal alert stations at locations where this is economically feasible.

Total cost..... \$39,000

[3] d. AWS radio communication facilities to include additional transmitters and receivers at the new fixed stations, receivers at the Information Center and allied antenna and control equipment as established by standard practice.

Total cost..... \$18,000



e. AWS wire and cable facilities to include additional cable extensions for the added stations on Oahu, together with additional telephone and teletype equipment. This item also includes a cable installation from the Hawaii base camp to the detector unit at Pahoia.

Total cost..... \$10,900

f. Commercial wire facilities to include leased lines from all base camps to the nearest commercial exchange, leased lines from the principal alert stations to the nearest exchanges, together with the yearly rental charge.

Total cost..... \$10,463.67

Total Sig funds..... 145,400.00

3. Estimates for the internal wire facilities of the Information Center and the allied Air Defense wire facilities are being held in abeyance pending more reliable information upon which to estimate the necessary funds. It is believed, however, that estimates for the Information Center should be included in the next available appropriation bill. Information Center layouts and schematic diagrams of the Information Center Wire Net have been forwarded to the Chief Signal Officer for review. This data is being transmitted as an inclosure to the aforementioned board proceedings.

4. Funds in the amount of \$890,804 have been made available to the Dist. Engr., Honolulu, to complete the previously approved project of three fixed and five mobile stations. Some of these funds were for stations which are being superseded by other stations in the revised program. The tabulation below shows cost estimates on the new stations, less the amounts available from the superseded stations, and the total of engineer funds supplementing those now on hand required to complete the revised projects.

Item No.	Description	Oahu Manawahua	Opana	Makapuu	Kauai Kilauea	Hawaii Pahoia	Kahuku
1	Cost of Site.....	\$2,000	\$2,000		\$2,000	\$7,500	\$500
2	Clearing.....	300	200			300	
3	Grading.....	2,700	800	\$500	500	700	200
4	Right of Way-Access Road.....	500	500		500	1,800	200
5	Road Constr.....	58,470	28,000	5,700	24,500	9,000	3,000
6	Bldg. Constr.....	26,260	29,250	11,965	12,300	74,720	12,070
7	Fuel Storage.....	1,900	1,900			2,700	
8	Water Supply.....	2,970	4,400	200	2,000	9,000	1,000
[4] 9	Sewage Disposal.....	900	1,000	1,000	500	2,970	500
10	Man Proof Fence.....	2,000	2,000			3,000	
		98,000	70,050	19,365	42,600	111,690	17,470

	Oahu	Kauai	Hawaii
Subtotals by Islands.....	\$187,415	\$42,600	\$129,160
Funds now available from superseded sites.....	76,735	12,600	36,217
Supplemental funds required.....	110,680	30,000	93,943

Total..... \$233,623

Mobilization of Personnel and Plant at 3%..... \$7,010

Total direct costs..... 240,633

Contingencies, Contractors Fee, Social Security, Workmen's Compensation and Insurance at 15%..... 36,100

Engineering, Surveys, Inspection and Auditing at 18%..... 19,250

General Office Overhead at 8%..... 19,250

Grand Total Engineer funds..... 315,233

5. Secret radiogram No 321, this hq, 13 September 41, submitted for advance consideration the above cost estimates with the exception of those which had been previously submitted as stated in par 2 above. Since no information has been received concerning the previous recommendation, those estimates are being added to the figures submitted by the radiogram cited.

6. I strongly recommend that funds in the amount of \$315,233 for engineer construction, and \$218,400 for signal communications and one year's rent of

leased wire facilities, total \$533,633, to be included in pending appropriation bills, and made available as soon as possible for the completion of the revised project.

WALTER C. SHORT,

*Lieutenant General, U. S. Army, Commanding.*

True Copy.

Edward von Geldern,  
EDWARD VON GELDERN,  
*2nd Lt. F. A.*

[Exhibit 11]

[1]

HEADQUARTERS HAWAIIAN DEPARTMENT,  
OFFICE OF THE DEPARTMENT ENGINEER,  
*Post Station, T. H., July 3, 1941.*

Via Clipper Airmail

Engr. 325.07

Subject: Priorities and Preference Ratings.

To: The Adjutant General, Washington, D. C.

1. On 4 June 1941 I wrote a letter, file Engr. 325.07, subject: "Priority in Shipping Space for the Hawaiian Electric Company", in which the question of securing shipping space priorities for this company was discussed. A copy of this letter is inclosed for ready reference. At that time the main problem was the securing of shipping space; since then it has developed that difficulties are also arising concerning the procurement of materials. I have directed that an investigation be made of this priority question, and the results of this investigation indicate that some clarification and coordination is highly desirable.

2. At the present time priorities and preference ratings for Army activities are assigned by the various procurement agencies and contracting officers. There is now no coordination in the Department between these various agencies, each of which is dealing direct on priority questions with its Chief in the War Department. This is satisfactory so long as only one procurement agency or contracting officer is involved. There are cases, however, in which more than one agency is involved, and the number of these will undoubtedly increase in the future; I believe it is advisable to have a coordinating agency in the Department to not only coordinate these cases locally, but also to bring to the attention of the War Department the advisability of similar coordination between the Chiefs of the respective agencies. Also there are many procurement problems on which the establishment of priorities and preference ratings is necessary which no agency is now handling. The 14th Naval District has already established a central priority office in the local branch of supplies and accounts where priority information is kept available, and where preference ratings on all Navy orders are issued.

3. The following outlines in greater detail some of the problems on which difficulty has already been encountered:

a. We have some projects in which more than one supply or construction branch is interested. While there is no complaint with the present system by which each agency handles priority matters with its Chief in the War Department there is a probability that desirable action by one agency may be overlooked with the result that the second agency might be held up in its work even though it had taken all action necessary.

[2] b. Hawaii presents a special problem in procurement as do the other overseas departments, due to the shipping situation. The present priorities instructions are concerned with procurement in this Department, however, priorities on shipping space are important. There are large quantities of essential materials transported on commercial shipping. These shipments involve not only government shipments but also shipments by private concerns of materials which are to be incorporated in defense installations.

c. Practically all construction materials must be imported into the island. The various contracting agencies are, of course, accumulating their needs and are having materials procured on the mainland and shipped to the department. It is impossible to anticipate every item needed, and in the past the various supply houses in the department, such as the Honolulu Iron Works, the Hawaiian Electric Company, and others, have maintained local stocks from which small items could be procured as they were needed. These local stocks are now becoming a matter of concern. For example, the mainland agents of the Hawaiian