

Congress of the United States

Report of Proceedings

Hearing held before

Joint Committee

on the

Investigation of the Pearl Harbor Attack

S. Con. Res. 27

December 6, 1945

Washington, D. C.

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WARD & PAUL

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S. Con. Res. 27

Thursday, December 6, 1945

Joint Committee on the Investigation of Pearl Harbor Attack,

Washington, D. C.

The Joint Committee met, pursuant to adjournment, at 10:00 A.M., in the Caucus Room (room 318), Senate Office Building, Senator Alben W. Barkley (chairman), presiding.

Present: Senators Barkley (chairman), George, Lucas, Brewster and Ferguson.

Representatives Cooper (vice chairman), Clark, Murphy, Gearhart and Keefe.

Also present: William D. Mitchell, General Counsel; Gerhard'A. Gesell, Jule M. Hannaford and John E. Masten, of counsel, for the joint committee.

Witness Marshall

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The Chairman: The committee will come to order.

General Marshall, will you be sworn.

TESTIMONY OF GENERAL GEORGE C. MARSHALL (Having been duly sworn by the Chairman)

The Chairman: Counsel may proceed.

Mr. Mitchell: General Marshall, when were you appointed Chief of Staff?

General Marshall: I was appointed Acting Chief of Staff on July 1, 1939 and formally appointed and confirmed Chief of Staff on the 1st of September, 1939.

Mr. Mitchell: And you served until what date? General Marshall: I think it was until November 20 just past.

Mr. Mitchell: Of this year?

General Marshall: Of this year.

Mr. Mitchell: During your service in the Army have you ever had any service in the Far East?

General Marshall: Yes, sir I spent about five years in the Philippines and a little short of three years in China.

Mr. Mitchell: What was your service in China?

General Marshall: I was either in command or Executive Officer of the 15th Infantry at Tientsin.

The Chairman: General Marshall, will you move a little closer to the microphone, please.

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Mr. Mitchell: Did you learn the Chinese language when in China?

General Marshall: I wouldn't admit that to a language student, but I can carry on a conversation.

Mr. Mitchell: The gentleman who said you didn't know anything about China the other day will have to revise his ideas, probably.

Now, will you state in your own way what the functions of the Chief of Staff of the Army were during 1940 and 1941.

General Marshall: With your permission I will read the Army regulations on the subject.

Mr. Mitchell: That is Exhibit 42.

General Marshall: (Reading)

The Chief of Staff is the immediate advisor of the Secretary of War on all matters relating to the Military Establishment, and is charged by the Secretary of War with the planning, development, and execution of the military program. He will cause the War Department General Staff to prepare the necessary plans for recruiting, mobilization, organizing, supplying, equipping, and training the Army of the United States for use in the national defense and for demobilization. As the agent, and in the name of the Secretary of War, he issues such orders as will insure that the plans

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of the War Department are harmoniously executed by all agencies of the Military Establishment, and that the military program is carried out speedily and efficiently.

"As Commanding General of the Field Forces. -- The Chief of Staff, in addition to his duties as such, is, in peace, by direction of the President, the Commanding General of the Field Forces and in that capacity directs the field operations and the general training of the several Armies, of the oversea forces, and of the GHQ units. He continues to exercise command of the Field Forces after the outbreak of war until such time as the President shall have specifically designated a Commanding General thereof."

Those are the regulations.

Mr. Mitchell: During 1940 and 1941 will you state in a general way what your general activities were and what problems you were dealing with?

General Marshall: They rather subdivided themselves into about four categories. In the first place, there was the mobilization of the Army which referred specifically to personnel and the organization of that personnel. The mobilization procedure was carried out into the corps areas of which there were nine in the United States under my direction. The

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Witness Marshall

Questions by: Mr. Mitchell

measure to a command I set up at what used to be the Army
War College with General Leslie McNary as my Deputy and he
with his staff was held by me directly responsible for the
organization and the training of the Army in the continental
United States.

The relations with the overseas theaters, the Philippines, Hawaii, Caribbean, that is, Panama, were carried out as to detail, as to plans, proposals for me by what was then called the War Plans Division of the General Staff, now the Operations Division.

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The materiel aspects of the activities were in the hands of a series of bureau chiefs -- Chief of Ordnance, the Chief of Quartermaster, Chief of Signal Officer -- and in the case, for example of the Chief Signal Officer he not only had the problem of procurement of material but also certain operational responsibilities.

I dealt with them partly in person but largely through the medium of the four sections of the General Staff which coordinate supply and the plans and policies relating to supply.

In addition to that there were special groups on which I had to depend, notably, that of the allocation of materiel which was probably one of the most trying problems of the day in relation to the Russians, the Chinese, the British, and to our own training and to our overseas theatres for their defense.

There was also the problem of priority which a special board, Army and Navy Board, operated and with which I was directly concerned. There was a subdivision of responsibility here, in that the Assistant Secretary, now the Undersecretary of the War Department, was chargable under the law for the procurement activities in the field of civilian production.

The ordinary administrative point of the Army, as to

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records and matters of that kind, I depended largely on the Adjutant General's Department. The general coordination of administration details, I depended at that time on the senior Deputy Chief of Staff, but I created a second deputy who looked after for me the material factors concerned.

I think that is the general outline.

Mr. Mitchell: I notice in Secretary Stimson's report, in this Pearl Harbor Army inquiry, he makes this statement:

"It is not the function of the Chief of Staff specifically to direct and personally supervise the execution in detail of the duties of the various sections of the General Staff. His paramount duty is to advise the President and the Secretary of War and make plans for and supervise the organization, equipment, and training of the great army for global war, to advise on and himself to make decisions regarding the basic problems of military strategy in the many possible theatres in which the war might develop, and in any other fundamental and broad military problems which confront the United states. It would hopelessly cripple the performance of those great and paramount duties, should the Chief of Staff allow himself to become emerged in administrative details by which the plans for defense are carried out in our Army outposts."

Does that fairly picture in your mind the situation of

the Chief of Staff?

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General Marshall: I think it does, sir. Throughout all of that, of course, it was my responsibility to determine, as far as it was humanly possible, what were the

critical affairs in all these activities.

I omitted one reference, which was a very responsible duty, and a very difficult duty. That was in the preparation of the budget estimates of the War Department, and the representation before the committees of Congress.

Mr. Mitchell: What policy did you have during your term as Chief of Staff with respect to the responsibility of commanders in the field, including overseas commanders, in respect to their independent initiative and responsibility and decentralization of action?

General Marshall: My endeavor was to select the ablest people available at the time, have their missions defined, and give them the responsibility for the positions which they occupied.

Mr. Mitchell: You attended the Atlantic Conference at Argentia, did you not?

General Marshall: Yes, sir, I did.

Mr. Mitchell: What part did you take in that?

General Marshall: I was concerned with what amounted to a first getting together, coming to know the British Chiefs

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We met and discussed general matters, largely regarding the materiel desired by the British, and then we broke up into groups, myself and Field Marshall Sir John Dill, the head man of the ground forces of the British Army.

of Staff. We had no agenda for our meeting.

There was no question of materiel between us because we had given them all of the materiel we could afford to dispense at that time.

I believe on the Navy side, and I am quite certain on the air side, there was considerable discussion of materiel.

With Field Marshall Sir John Dill and myself, our conversations were almost entirely devoted to a general resume of the war situation, what the hazards were, what the anticipations were, particularly as to the Middle East and the Mediterranean, and Singapore.

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Mr. Mitchell: Did you at that meeting know of any committment that the United States made at that meeting to engage the nation in war if we were not attacked?

General Marshall: No, sir, I did not. I was not involved in the political discussions.

Mr. Mitchell: Did you learn anything at that meeting about this proposal to make the parallel protests to the Japanese by England and the United States?

General Marshall: My recollection as to that is that I knew nothing of that until a meeting of the liaison group of the State, War and Navy Departments in Mr. Sumner Welles' office after my return from Argentia,

Mr. Mitchell: And what did you learn then about that, do you remember?

General Marshall: I was giver either the information, general information with regard to, or heard read, I do not recall which, a message the President had sent.

Mr. Mitchell: After he had sent it?

General Marshall: After he had sent it.

Mr. Mitchell: Have you seen, or did you know about certain conferences that were had by representatives of the Army and Navy with the British on the one hand, called the ABC-1 and 2 conferences, with the Dutch and British in the Far East and with the Canadians?

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Witness Marshalls

Questions by Mr. Mitchell

General Marshall: Yes, sir. Admiral Stark brought up the proposition and I acquiesced. He arranged the meeting. I went to his office when we were receiving these officers the day they arrived.

Mr. Mitchell: That was the British here in the United States?

General Marshall: Yes, sir,

Mr. Mitchell: Did you know about similar staff conferences that were being held at Singapore between the Americans, Dutch and British?

Ge neral Marshall: Yes, sir, I was familiar with that. Mr. Mitchell: And the one with the Canadians?

General Marshall: Yes, sir. My recollection of that is, though, that except for the Defense Board we afterwards oreated, of which Mr. LaGuardia, I think, was the senior American member, we only had one meeting and that was an informal meeting at dinner and after dinner at the home of the Chief of Naval Operations out near the Na val Observatory That is the only time I saw themo

Mr. Mitchell: Have you had an opportunity to look over those three reports, do you have copies of them?

General Marshall: Yes, sir.

Mr. Mitchell: And are you familiar with them? General Marshall: Yes, sire

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Witness Marshall:

Questions by Mr. Mitchell

Mr. Mitchell: At this time, Mr. Chairman, I think we will offer those in evidence. We had only one copy heretofore but now they have been mimeographed. I will offer in evidence as exhibit 49 ---

The Chairman: All three as one exhibit?

Mr. Mitchell: No, sir, I had better separate it. The report of the United States-British staff conversations in the United States; as exhibit 50 the American-Dutch-British conversations at Singapore in April 1941; and as 51 the report of the conference with the Canadians.

The Chairman: They will be filed as 49, 50 and 51?
Mr. Mitchell: That is it.

The Chairman: Yes.

(The documents referred to were marked Exhibits Nos. 49, 50, and 51.)

Mr. Mitchell: Have you any knowledge as to which, if any, of those conferences were finally approved, the reports I mean?

General Marshall: The report on the Canadian, with the Canadians was, I believe, formally approved by the President.

My recollection is and my knowledge is at this time he gave no formal approval of any of the others.

Mr. Mitchell: In your examination of those reports do you find anything in that other than the ordinary military

into trouble with somebody?

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General Marshall: Would you please repeat that question?

Mr. Mitchell: What I want to know is whether you in
terpreted those plans as committing the government of the

United States to engage in war with anybody prior to our

being attacked?

and naval plans to be used on the contingency that you get

General Marshall: No, sir, I do not think they do.

It was not our intention that they should; quite the contrary. It was our effort to be prepared against what appeared to be a possible eventuality.

Mr. Mitchell: Did the Army make any deployments or dispositions of troops pursuant to those plans that you remember prior to December 7, 1941?

General Marshall: I do not think there were any definite movessunless it may have been into Iceland and I do not recall that.

Mr. Mitchell: Did you ever hear during your service as Chief of Staff of any commitment that the President or anyone else had attempted to make with any of these other nations by which the United Stat es was committed to engage in war without being attacked?

General Marshall: No, sir, I did noto

Mr. Mitchell: Was there anything about these plans that

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Witness Marshall&

Questions by Mr. Mitchell

you can see by which one of the other nations who participated at the conferences by their action could bring us into war?

General Marshall: I do not think there is.

Mr. Mitchell: I call your attention to what we called in this case the Herron alert in 1940 and at this time, Mr. Chairman, I will offer in evidence as exhibit 52 the book containing the communications between the War Department and General Herron concerning the 1940 alert at Hawaii. General Herron was commander of the Hawaiian Department at that time.

The Chairman: It will be so filed.

(The document referred to was marked Exhibit No. 52.)

Mr. Mitchell: Have you examined those communications as contained in that book, General?

General Marshall: Yes, sir. I read it through yester-day morning.

Mr. Mitchell: Do you remember the fact that the alert was given to General Herron in June 1940?

General Marshall: Yes, sir,

Mr. Mitchell: Do you remember the circumstances under which that was done?

General Marshall: My recollection of the matter is that it was on the recommendation of General George V. Strong of

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the General Staff of the War Department as a result of several branches of information, largely "Magic", that there was a possibility of a threat by the Japanese in that area and, therefore, the alert.

Mr. Mitchell: The alert, the book shows, was given to him over the signature of Adjutant General Adams,

General Marshall: Yes, sir,

Mr. Mitchell: Was that at your direction?

General Marshall: Yes, sir.

Mr. Mitchell: And the book shows that he continued in his state of alert, though somewhat diminishing, for several weeks after that.

. General Marshall: Yes, sir.

Mr. Mitchell: You are familiar with General Herron's reports that in obedience to the alert he put his entire command on alert, kept his pilots out at daylight every day?

General Marshall: Yes, sir.

Mr. Mitchell: Ran reconnaissance by air?

General Marshall: Yes, sir.

Mr. Mitchell: And did all those things, kept his gunners at their guns with live ammunition?

General Marshall: Yes, sir.

Mr. Mitchell: And with the report he made that there was very little, if any, excitement among the population

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of Hawaii about it?

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General Marshall: Yes, sir.

Mr. Mitchell: Do you know how it happened that the Navy did not send any corresponding alert to Admiral Richardson?

General Marshall: I do not recall the circumstances. I recall apropos of the reconnaissance that either through the Chief of the Air Corps or otherwise there was great concern over our wearing out the engines and we had no replacements in the planes. The problem was how long we could continue that; and, also, we were wearing out the crews.

Mr. Mitchell: Well, the alert continued for several weeks?

General Marshall: Yes, sir.

Mr. Mitchell: And you have noticed the reports of General Herron to the effect that there was no serious destruction of material?

General Marshall: Yes, sir.

Mr. Mitchell: Or wearing out of personnel even during that length of time?

General Marshall: Yes, sire

Mr. Mitchell: Now, General, Admiral Richardson has said that he had some conversation with you on one of his visits here respecting that alert and he quoted you as saying, "That was simple an exercise and I thought if I did

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Witness Marshall:

Questions by Mr. Mitchell

not state it was an exercise, the exercise would be carried out more completely."

Do you remember any such conversations with Admiral Richardson?

General Marshall: No, sir. Admiral Richardson came out to my house for lunch and we had a talk then after lunch. There were some other guests at the time who also happened to be in Washington that day and I think there must be a misunderstanding in his mind because there was never any question about the purpose of that alert.

Mr. Mitchell: Mr. Chairman, at this time I would like to make on behalf of Admiral Richardson a correction he wanted made in his testimony. He stated that he wired in to the Chief of Naval Operations and wanted to know what this was all about, this Herron alert, and never got any reply.

The Chairman: Will you read it into the record now? Mr. Mitchell: Yes. I will not read his whole letter but the substance of it is that he has checked up on that, examined the original record and that there was a reply sent to him on June 22nd which reads as follows:

"Wa r Department directive concerning alert issued as precautionary measure after consultation with Navy Request you continue cooperaand State Department. tion."

And he says that he has checked the records and found that that was actually sent and that he was mistaken. He actually received it.

The Chairman: Put the whole letter in the record. Mr. Mitchell: We will put the whole letter into the transcript.

The Chairman: Yes.

Senator Ferguson: Mr. Chairman, could we have the date of the letter?

Mr. Mitchell: Yes. The letter he writes me is dated the 28th of November 1945, and he said in his testimony that he would write such a letter after he had checked it up,

The Chairman: All right.

(The letter above referred to is in words and figures as follows, to-wit:)

> "Na vy Department Washington 25, D.C. 28 November 1945

"Hon, William D, Mitchell

General Counsel, Joint Committee on the Investigation of the Pearl Harbor Attack

Dear Sir:

On 21 November, 1945, I stated to the Committees "I have not had an opportunity to verify what-

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ever evidence there is in official records with respect to dispatches exchanged between me and Admiral Stark regarding the Army alert and, therefore, I request that the members of the mommittee hold in abeyance their judgment on that subject until I have had an opportunity to search the original records. (Page 815 of Report of Proceedings) "I have examined microfilm and photostatic copies of the original records and I find that;

- "(a) On 22 June 1940 I sent to the Chief of Naval Operations by radio a despatch reading:
 - "Commanding General Hawaiian Department received orders War Department placing forces on alert against hostile trans-Pacific raid and since no information received Navy Department have assumed this exercise. Navy patrol planes are participating." (Page 810 of Report of Proceedings)
- "(b) On 22 June 1940 in reply to the above despatch
 the Chief of Naval Operations sent to me by radio a
 priority despatch reading:

"War Department directive concerning alert issued as precautionary measure after consultation with Navy and State Department, Request you continue cooperation." (Page 811 of Report of Proceedings)

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"The last quoted despatch was sent from the Navy Department at 1010 p.m. and was received by me in person as is shown by my initials on the photostatic copy of the despatch. This despatch was received by me after 5:00 p.m. Honolulu time on Saturday 22 June when my mind was fully occupied with secret sortie of the major portion of the Fleet which was to take place early Monday morning and since the reply left me in doubt as to the reality of the warning the fact that I received any reply escaped my mind with the result that in early Julyin Washington I asked both Admiral Stark and General Marshell whether the Army Alert was a real one or an exercise and testified before this Committee that I never received a reply to my despatch.

J. O. RICHARDSON

Admiral, USN (Ret.)"

Mr. Mitchell: I call your attention to the document whach is in our exhibit 16, being a joint memorandum presented by you and the Chief of Naval Operations, Admiral Stark, to the President under date of November 5, 1941; that is in evidence. Have you examined that memorandum?

General Marshall: Yes, sir, I read that yesterday.

Mr. Mitchell: Will you state in your own way what that incident was and how you happened to make that report or

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memorandum?

General Marshall: My recollection of the matter is that there was a very urgent appeal from the Generalissimo, General Chiang Kai-shek, for assistance in meeting what he thought was a dangerous Japanese threat in an advance from the South towards Kunming. He wished American and British air assistance and other assistance that might be made possible for him. That, of course, would terminate the Burma Road if successful, That is my recollection of the basis of this particular joint memorandum to the President from Admiral Stark and myself.

Mr. Mitchell: And your recommendations were? General Marshall: (Reading) 8

"That the dispatch of United States armed forces for intervention against Japan in China be disapproved.

"That material aid to China be accelerated consonant with the needs of Russia, Great Britain, and our own forces.

"That aid to the American Volunteer Group be continued and accelerated to the maximum practicable extent.

"That no ultimatum be delivered to Japan." Mr. Mitchell: Were you asked to prepare the memorandum? General Marshall: I do not recall, sir.

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Mr. Mitchell: There is another memorandum, joint, by you and Admiral Stark under date of November 27, 1941 that is our exhibit 17. Will you kindly look at that and state the piroumstances sor the accasion under which that was made?

General Marshall: The circumstances, as nearly as I can recall them now, were a combination of affairs? The quite evident threat south through the China Sea towards Malay, Malasia and the Dutch East Indies, the development of Japanese power in Indo-China, the report of the conversations recently completed at Singapore. Those, as I recall, were the principal factors which brought about this particular memorandumo

Mr. Mitchell: Your recommendations were what? General Marshall: (Reading)

"That prior to the completion of the Philippine reinforcement, military counter-action be considered only if Japan attacks or directly threatens United States, British, or Dutch territory as above outlined;

"in case of a Japanese advance into Thailand, Japan be warned by the United States, the British, and the Dutch governments that advance beyond the lines indicated may lead to war; price to such warning no joint military opposition be undertaken;

"steps be taken at once to consummate agreements

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Witness Marshall:

Questions by Mr. Mitchell

with the British and Dutch for the issuance of such warning."

Mr. Mitchell: I notice a little earlier in the memorandum this statement:

"After consultation with each other, United States, British, and Dutch military authorities in the Far East a greed that joint military counteraction against Japan should be undertaken only in case Japan attacks or directly threatens the territory or mandated territory of the United States, the British Commonwealth, or the Netherlands East Indies, or should the Japanese more forces into Thailand west of 100° East or south of 10° North, Portuguese Timor, New Caledonia, or the Loyalty Islands."

Were you there referring to this military conference held at Singapore in April 1941 that we have just discussed?

General Marshall: That, I believe, was the basis of their recommendation, their conclusions there.

Mr. Mitchell: When you say there that the Dutch,
British and the United States military authorities had agreed
to that action did you mean that they had made an agreement on
behalf of the United States, or agreed to recommend it to
their governments?

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General Marshall: Agreed to recommend it. They had no power whatever to agree for our government and it was so stipulated, I think, in the --

Mr. Mitchell: Now, you made a recommendation at that time that the President join with the other nations in giving warning to Japan that if they did certain things or advanced beyond a certain point it might lead to war. Was that recommendation carried out, was any such message or warning sent to the Jap anese at that time?

General Marshall: Not that I know of sir.

Mr. Mitchell: I call your attention to exhibit 24, dated November 30, 1941. It is a message for the President of the United States from the former naval person -- that was the term used to describe Mr. Churchill -- in which he says: (Reading)

"It seems to me that one important method remains unused in averting war between Japan and our two countries, namely a plain declaration, secret or public as may be thought best, that any further act of aggression by Japan will lead immediately to the gravest consequences. I realize your constitutional difficulties but it would be tragic if Japan drifted into war by encroachment without having before her fairly and squarely the dire character of a further aggressive step. I

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beg you to consider whether, at the moment which you judge right which may be very near, you should not say that any further Japanese aggression would compel you to place the grave st issues before Congress' or words to that effect, We would, of course, make a similar declaration or share in a joint declaration, and in any case arrangements are being made to synchronize our action with yours. Forgive me, my dear friend, for presuming to press such a course upon you, but I am convinced that it might make all the difference and prevent a melancholy extension of the war."

That was just three days after your recommendation was Did you ever see this communication from Mr. Churchill?

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General Marshall: I don't recall if I ever saw it.

Mr. Mitchell: It was the same proposal, wasn't it, to

make some kind of joint message?

General Marshall: Yes, sir, that is the way I understand it.

Mr. Mitchell: Or some kind of threat to Japan as to what would happen?

General Marshall: Yes, sir.

Mr. Mitchell: Your recollection is that no such recommendation, either from Mr. Churchill or yourself, or Admiral Hart, was actually carried out?

General Marshall: I do not recall.

Mr. Mitchell: I now go back to the question of preparations in defense of an air attack at Hawaii.

Admiral Richardson has testified that during 1940 he protested against keeping the Fleet in Hawaii. He has also testified, and his documentary protests to the Secretary of the Navy show, that he based his protest not on the question of security of the Fleet in port, but because the facilities for training, equipment and preparing the Fleet for war were inadequate and he wanted to go back to the coast to do it.

Then it appears he testified when he went back to
Honolulu, or Pearl Harbor, in December 1940, at the suggestion
of Admiral Stark, he started the investigation as to the

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Questions by: Mr. Mitchell

situation, as to the defense against an air attack, and we have in evidence what I call the Bloch report, which is a report that he sent in under date of December, 1940, to the Chief of Naval Operations, which was signed by Admiral Stark who was the Commander of the 14th Naval District out there, and endorsed by Admiral Richardson.

Did you have that called to your attention when it came in, or do you remember seeing that before?

General Marshall: As nearly as I can recall, this is the first time I have ever seen it.

Mr. Mitchell: Well, following that report the Secretary of the Navy wrote the Secretary of War under date of January 24, 1941 -- that is our Exhibit 10 -- in which letter he made some very strong statements, and he said:

"The dangers envisaged in their order of importance and probability are considered to be:

- "(1) Air bombing attack.
- (2) Air torpedo plane attack.
- "(3) Sabotage.
- "(4) Submarine attack.
- "(5) Mining.
- "(6) Bombardment by gun fire."

He called on the Secretary of War to give his attention to the matter, and the Secretary replied that he thoroughly

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sidered ended.

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Did you see that correspondence of the Secretary of War?

General Marshall: Yes. My recollection on this particular matter is that I must have been absent when the letter

was received, but the draft of the reply for the Secretary of

War's signature to the Secretary of the Navy came to me from

the War Plans Division.

agreed with him, and from that time on the subject was con-

As I recall that draft, they did not think there was any materiel that could be made available, or virtually no materiel that could be made available earlier than October. I am not quite certain about that, but that is the impression I have now. That, I felt, whatever the circumstance, would put the Secretary of War in a rather impossible position, and therefore I started in with the War Plans Division, with General Moore, my Deputy for Supply, and with General Arnold on the air side, to see what radical measures we might take to meet, to a degree at least, some of the requirements set forth by the Secretary of the Navy.

I might insert here apropos of your question as to whether or not I had seen -- did you call it the Bloch letter?

Mr. Mitchell: The Bloch report, yes.

General Marshall: That I had thought it was not Admiral Bloch but it was Admiral Kimmel that had generated this letter

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from the Secretary of the Navy up until almost this moment.

The measures we took under the circumstances were, first, as to planes. After discussing the matter with General Arnold I made the decision that we would rob practically all the Combat Pursuit Squadron of the United States of most of their P-36 planes, which was our then most serviceable type as the new P-40 had certain engine defects which had not yet been eradicated.

My recollection is -- General Arnold can give you the positive testimony -- that we cut most of the squadrons in the United States down to three planes. The difficulty there was, of course, that stopped the training of the Air Corps, which had to be expanded from about 1800 men to two million and a quarter.

I took up with Admiral Stark over the telephone the problem of getting these planes to Hawaii without the necessity for crating them, which takes times for dissembling and which takes time for assembling. Whatever the conversations were, it was determined that a carrier could come into San Diego in February and pick up those planes, and I think there were other Naval and Marine materiel to go on the same carrier.

A number of these planes were sent out, 30-odd, I think, sufficient, with the 19 P-36's then in Hawaii, to make an won 50.

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I also directed General Arnold to take up with the Curtiss people in Buffalo the expediting of their production schedule, to turn out the new P-40, which had more modern equipment and presumably would have had eradicated the engine difficulties of the original model, in time for them to be shipped out to Hawaii at an early date. The date was fixed as March 15, as I recall now, as the only time a carrier could be spared from Hawaii to come into San Diego to pick up the planes. Just why that time was fixed I do not recall now.

Therefore the schedule of the Curtiss-Wright plant had to be greatly expedited. General Arnold can give you the facts.

My understanding of the matter was that the head of the firm came to Washington to see General Arnold and stated that could not expedite the program. General Arnold brought this to my attention and I directed General Arnold to go to Buffalo and bring heavy pressure to bear on those people to at least make the effort. He did that and was successful, they made the effort, and the last planes were cleared on March 9, in time to fly to San Diego and take off in the carrier on March 15.

The other details as to materiel are covered in the letter of the Secretary of War in reply to the Secretary of

the Navy.

In all these matters the great problem was how we could meet the requirements of developing an Army, which had to have the tools with which to train and without which it cannot train; how we could get something for the Philippines, which literally had nothing; how we could develop the Panama Canal defenses, which were very deficient, and how we could meet certain commitments that we had with our Allies, notably the British, in order that they might not be found wanting at a critical juncture in the coming fighting.

It stated -- do you wish me to read the letter of the Becretary of War?

Mr. Mitchell: Yes.

General Marshall: This is addressed to the Secretary of the Navy, February -- and I cannot read the date -- 1941.

"In replying to your letter of January 24, regarding the possibility of surprise attacks upon the Fleet or the Naval Base at Pearl Harbor, I wish to express complete concurrence as to the importance of this matter and the urgency of our making every possible preparation to meet such a hostile effort. The Hawaiian Department is the best equipped of all our overseas departments, and continues to hold a high priority for the completion of its projected defenses because of

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the importance of giving full protection to the Fleet.

"The Hawaiian project provides for 148 pursuit planes. There are now in Hawaii 36 pursuit planes; 19 of these are P-36's and 17 are of somewhat less efficiency. I am arranging to have 31 P-36 pursuit planes assembled at San Diego for shipment to Hawaii within the next 10 days, as agreed to with the Navy Department. This will bring the Army pursuit group in Hawaii up to 50 of the P-36 type and 17 of a somewhat less efficient type. In addition, 50 of the new P-40-B pursuit planes, with their guns, leakproof tanks and modern armor will be assembled at San Diego about March 15 for shipment by carrier to Hawaii.

"There are at present in the Hawaiian Islands
82 3-inch anti-aircraft guns, 20 37-millimeter antiaircraft guns (enroute), and 109 caliber 50 antiaircraft machine guns. The total project calls for
98 3-inch anti-aircraft guns, 120 37-millimeter
anti-aircraft guns, and 308 caliber 50 anti-aircraft
machine guns.

"With reference to the Aircraft Warning Service, the equipment therefor has been ordered and will be delivered in Hawaii in June. All arrangements for installation will have been made by the time the

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Witness Marshall

Questions by: Mr. Mitchell

equipment is delivered. Inquiry develops the information that delivery of the necessary equipment cannot be made at an earlier date.

"The Commanding General, Hawaiian Department, is being directed to give immediate consideration to the question of the employment of balloon barrages and the use of smoke in protecting the Fleet and Base facilities. Barrage balloons are not available at the present time for installation and cannot be made available prior to the summer of 1941. At present there are three on hand and 84 being manufactured -- 40 for delivery by June 30, 1941, and the remainder by September. The Budget now has under consideration funds for 2,950 balloons. The value of smoke for screening vital areas on Oahu is a controversial subject. Qualified opinion is that atmospheric and geographic conditions in Oahu render the employment of smoke impracticable for large scale screening operations. However, the Commanding General will look into this matter again.

"With reference to your other proposals for joint defense, I am forwarding a copy of your letter and this reply to the Commanding General, Hawaiian Department, and am directing him to cooperate with the

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Questions by: Mr. Mitchell

local Naval authorities in making those measures effective."

Signed, "Henry L. Stimson, Secretary of War."

Mr. Mitchell: Now during the remainder of 1941 did you keep in touch with the resulting plans that were made for defense against air attack at Pearl Harbor?

General Marshall: Yes, sir.

Mr. Mitchell: We have in evidence as our Exhibit 44 a joint estimate made by General Martin as Commander of the Army Air Force at Hawaii, and Admiral Bellinger, who was Commander of the Naval Air Force of the 14th Naval District, dated Marsh 31, 1941.

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The estimate was:

- "(a) Relations between the United States and Orange" that was Japan - "are strained, uncertain and varying.
- "(b) In the past Orange has never preceded hostile actions by a declaration of war.
- "(c) A successful, sudden raid against our ships and naval installations on Oahu might prevent effective offensive action by our forces in the Western Pacific for a long period.
- "(d) A strong part of our Fleet is now constantly at ses in the operating areas organized to take prompt offensive action against any surface or submarine force which initiates hostile action.
- "(e) It appears possible that Orange submarines and/or an Orange fast raiding force might arrive in Hawaiian waters with no prior warning from our Intelligence Service."

In paragraph III they say:

"Possible enemy action:

- "(a) A declaration of war might be preceded by:
- "1. A surprise submarine attack on ships in the operating area;
- A surprise attack on Oahu including ships and installations in Pearl Harbor.
 - A combination of these two."

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They say also:

"It appears that the most likely and dangerous form of attack on Oahu would be an air attack. It is believed that at present such an attack would most likely be launched from one or more carriers which would probably approach inside of 300 miles."

They say also:

"A single attack might or might not indicate the presence of more submarines or more planes awaiting to attack after defending aircraft have been drawn away by the original thrust."

They say:

"Any single submarine attack might indicate the presence of a considerable undiscovered surface force probably composed of fast ships accompanied by a carrier."

Then, they go on at great length, and I will not read the rest of it, but visualizing the way the situation could be handled and the possibility of long-range reconnaissance, and keeping track of the Japanese the night before.

Do you remember seeing that report?

General Marshall: Yos, sir.

Mr. Mitchell: There is snother one that came in later by General Martin, a study of the air situation in Hawaii, addressed by him, under date of August 20, 1941, to the

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Questions by: Mr. Mitchell

Commanding General, Army Air Forces, Washington, D. C., and forwarded by General Short. That is Exhibit 13. Have you had your attention called to that?

General Marshall: Yes, sir, I recall seeing it at the time.

Mr. Mitchell: He deals there very vividly with the possibilities of an air attack and the possible defense against it. You have that before you.

Now, I will offer in evidence as Exhibit 53, a book containing the correspondence between --

General Marshall: May I interrupt?

Mr. Mitchell: Yes, do so.

General Marshall: Before we pass these last two documents by, there was a memorandum from me regarding this air situation in Hawaii which more or less started up these various reports.

Mr. Mitchell: Have you that memorandum with you? General Marshall: I haven't it with me, but I will obtain it and have it sent to you. I was shown it yesterday. It was signed by Colonel Orlando Ward.

Mr. Mitchell: Signed by whom?

General Marshall: Signed by Colonel Orlando Ward, the then Secretary of the General Staff.

Mr. Mitchell: We will get that later.

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Senator Brewster: It is dated July 17, 1941. That is in Exhibit 13.

Mr. Mitchell Exhibit 13 is the letter from General Short to the Commanding General of the Air Forces.

Senator Brewster: The first paragraph.

Mr. Mitchell: It says in the first paragraph:

"In compliance with copy of corrected memorandum for the Commanding General, Army Air Forces, OCS, 17234-25, from the Secretary, General Staff, dated July 17, 1941."

General Marshall: That is what I am talking about.

Mr. Mitchell: "-- that a study be made of the air situation in Hawaii, there is attached for consideration of the War Department a plan for the employment of long-range bombardment aviation in the defense of Oahu. This plan clearly presents the air defense of the Hawaiian Islands. Attention is called to the recommendations therein."

That is the memorandum that you referred to, and that you prepared, that called for this report?

General Marshall: Yes, sir.

Senator Brewster: Has the whole memorandum been available:

General Marshall: I will obtain it and send it to the committee.

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Mr. Mitchell: I am glad you did.

General Marshall: You started to read that correspon-

Mr. Mitchell: We were about to offer in evidence as

Exhibit 53, a book of correspondence between General Marshall

and General Short, commencing in February, 1941.

I interrupted you, Mr. Mitchell.

Before we go into that, I will call your attention to a memorandum dated February 6, 1941, of a conference in

the Office of the Chief of Staff. The initials are "O.W."

Whom does that mean, do you remember?

General Marshall: I think that is Colonel Orlando Ward, the Secretary of the General Staff.

Mr. Mitchell: This memorandum states that the conference was held and present were yourself and General Arnold, General Miles, and General Gerow, and the subject was defense of Pearl Harbor.

General Marshall: Do you wish me to read it, sir?

Mr. Mitchell: I will save your voice a little and read
it myself.

General Marshall: I do not mind.

Mr. Mitchell: Try it, then. I will relay you occasion-

General Marshall: "Present: General Marshall, General

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Arnold, General Miles, General Gerow

"Subject: Defense of Pearl Harbor.

"General Marshall indicated that the Navy had insufficient nets for defense against either submarine or plane carried torpedoes. He further indicated that there was a possibility of a Japanese attack."

This is February 6, 1941.

"General Miles stated that nothing in G-2 indicated any such probability.

"General Marshall stated that the planes in Honolulu were, in general, obsolescent, and that we should have a reasonable number of top flight planes which would out-perform any the Japanese could bring on their carriers.

"General Arnold recommended that 31 P-36s be sent immediately in a Navy carrier to Honolulu, and that 50 P-40Bs be sent as soon as available (in March).

"General Marshall stated that we really had two active defense issues -- one, Panama, and the other, Honolulu.

"General Arnold was to make the necessary preliminary arrangements in connection with changing plans and report to the Chief."

Mr. Mitchell: When you said we had two active defense issues: one, Panama, and the other Honolulu, will you develop what your idea was at that time? What was your idea in

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mentioning those two points?

General Marshall. They were the great outposts of our continental defense. We had the Philippines at that time but the equipment there and the number of troops was so inadequate that no defense against a first class power was conceivable; it would be just a desperate sacrifice.

(The document referred to was marked Exhibit No. 53.)

Mr. Mitchell: There is a letter from you to General Short which is dated February 7, 1941, in this Exhibit 53, which I will read for you, General.

General Marshall: Yes, sir.

Mr. Mitchell: It is addressed:

"Lieutenant General Walter C. Short

"Fort Shafter,

"Territory of Hawaii

"My dear Short:

"I believe you take over command today, however, the reason for this letter is a conversation I had yesterday with Admiral Stark.

"He spoke of Admiral Kimmel, the new Fleet Commander, regarding his personal characteristics. He said Kimmel was very direct, even brusque and undiplomatic in his approach to problems; that he was at heart a very kindly man, though

he appeared rather rough in his methods of doing business. I gathered that he is entirely responsive to plain speaking on the part of the other fellow if there is frankness and logic in the presentation. Stark went so far as to say that he had, in the past personally objected to Kimmel's manners in dealing with officers, but that Kimmel was outstanding in his qualifications of command, and that this was the opinion of the entire Navy.

"I give you this as it may be helpful in your personal dealings with Admiral Kimmel, not that I anticipate that you would be supersensitive, but rather that you would have a full understanding of the man with whom you are to deal.

"Admiral Stark said that Kimmel had written him at length about the deficiencies of Army material for the protection of Pearl Harbor. He referred specifically to planes and to antisircraft guns. Of course the facts are as he represents them regarding planes, and to a less serious extent regarding caliber .50 machine guns. The 3-inch anti-aircraft gun is on a better basis. What Kimmel does not realize is that we are tragically lacking in this material throughout the Army, and that H waii is on a far better basis than any other command in the Army.

The fullest protection for the Fleet is the rather than a major consideration for us, there can be little question

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about that; but the Navy itself makes demands on us for commands other than Hawaii, which make it difficult for us to meet the requirements of Hawaii. For example, as I told Stark yesterday, - he had been pressing me heavily to get some modern antiaircraft guns in the Philippines for the protective of Cavite, where they have collected a number of submarines as well as the vessels of the Asiatic Fleet - at the present time we have no antiaircraft guns for the protection of Cavite, and very little for Corregidor. By unobtrusively withdrawing 3-inch guns from regiments now in the field in active training, we had obtained 20 3-inch guns for immediate shipment to the Philippines. However, before the shipment had been gotten under way the Navy requested 18 of these guns for Marine battalions to be specially equipped for the defense of islands in the Pacific. So I am left with two guns for the Philippines. This has happened time and again, and until quantity production gets well under way, we are in a most difficult situation in these matters.

"I have not mentioned Panama, but the Naval requirements of defense there are of immense importance, and we have not been able to provide all the guns that are necessary, nor to set up the Air units with modern equipment. However, in this instance, we can fly the latest equipment to Panama in

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one day, some of it in four hours.

doing everything that is humanly possible to build up the Army defenses of the Naval overseas installations, but we cannot perform a miracle. I arranged yesterday to ship 31 of the P36 planes to Hawaii by aircraft carrier from 3 n Diego in about ten days. This will give you 50 of this type of plane, deficient in speed compared to the Japanese carrier based pursuit, and deficient in armament. But at least it gives you 50 of the same type. I also arranged with Admiral Stark to ship 50 P40-B pursuit planes about March15th by Naval carrier from San Diego. These planes just came into production this week and should be on a quantity basis of about 8 a day by the first week in March.

"The Japanese carrier based pursuit plane, which has recently appeared in China, according to our information has a speed of 322 miles an hour, a very rapid ability to climb and mounts two .20mm and two .30 cal. guns. It has leak-proof tanks and armor. Our P40-B will have a speed of 360 miles an hour with two .50 cal. machine guns and four of .30 caliber. It will lack the rapidity to climb of the Japanese plane. It will have leak-proof tanks and armor.

"We have an earlier model of this plane, the P40,

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delivered between August and October, but the Chief of the Air Corps opposes sending it to Hawaii because of some engine defect which makes it unsafe for training flights over water. Up to the present time we have not had available a modern medium bomber or a light bomber. This month the medium bomber will go into production, if not quantity production. This plane has a range without bombs of 3,000 miles, carries 2,000 pounds and has a speed of 320 miles an hour - a tremendous improvement on the old B18 which you now have. It can operate with bombs 640 miles to sea, with a safe reserve against the return trip. We plan to give you first priority on these planes. I am looking into the question of providing at least a squadron of Flying Fortress planes for Hawaii.

"I am seeing what can be done to augment the .50 caliber machine gun set-up, but I have no hopes for the next few months. The Navy approached us regarding barrage balloons. We have three now under test, and 80 in process of manufacture and 3,000 to be procured if the President will release our estimates. However, this provides nothing against the next few months. I am looking into the question of possibly obtaining some from England, but they are asking us and not giving us these days. The first test of the first forty deliveries in June will probably be made in Havaii.

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"You, of course, understand the pressures on the Department for the limited material we have, for Alaska, for Panama, and, most confidentially, for the possible occupation of the Azores, not to mention the new leased bases.

However, as I have already said, we are keeping clearly in mind that our first concern is to protect the Fleet.

"My impression of the Hawaiian problem has been that if no serious harm is done us during the first six hours of known hostilities, thereafter the existing defenses would discourage an enemy against the hazard of an attack. The risk of sabotage and the risk involved in a surprise raid by Air and by submarine, constitute the real perils of the situation. Frankly, I do not see any landing threat in the Hawaiian Islands so long as we have air superiority.

"Please keep clearly in mind in all of your negotiations that our mission is to protect the base and the Naval concentrations, and that purpose should be made clearly apparent to Admiral Kimmel. I accentuate this because I found yesterday, for example, in a matter of tremendous importance, that old Army and Navy feuds, engendered from fights over appropriations, with the usual fallacious arguments on both sides, still persist in confusing issues of national defense. We must be completely impersonal in these matters, at least so far as our own nerves and irritations are concerned.

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Fortunately, and happily I might say, Stark and I are on the most intimate personal basis, and that relationship has enabled us to avoid many serious difficulties.

"Faithfully yours,

[Stamped] (Sgd) G. C. MARSHALL"

Does that letter to General Short fairly reflect the difficulties you had at that time in obtaining material, planes, and other equipment?

General Marshall: I think it does, sir.

Mr. Mitchell: All through this letter in your discussions, were you considering equipment, planes, and guns needed for defense against an air attack?

General Marshall: Yes, sir.

Mr. Mitchell: I call your attention now to the minutes of a meeting of the General Council, February 19, 1941.

What was the General Council as it stood at that time?

General Marshall: I haven't the regulation here which

creates the General Council.

Mr. Mitchell: Was that established by some regulation?

General Marshall: It was established, I think, by

General MacArthur. That involved all the principal chiefs
of the War Department.

Mr. Mitchell: It was a War Department council and not a general council?

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General Marshall: Purely War Department. It was the basis for keeping all the various and numerous chiefs of the War Department coordinated and aware of the general situation and requirements.

Mr. Mitchell: The minutes of this General Council meeting show you were present, Major General Bryden, Deputy Chief of Staff, Major General Moore, Deputy Chief of Staff, and the Chief of Infantry, the Chief of Cavel y, Chief of Field Artillery, Chief of Coast Artillery, Chief of Air Corps, General Brett, and many other officers.

The minutes start out with the statement that this is not a complete record of the minutes, but contains extracts and the statement which we understand you made there was:

"To give you a further view of the special circumstances we have been pressed by the Navy to provide more security for the Fleet that has been gathering at Manila." And you discuss the Manila situation and the general Philippine situation and then you proceed:

"Out in Hawaii, the Fleet is anchored, but they have to be prepared against any surprise attack. I don't say any probable attack, but they have to be prepared against a surprise attack from a trick ship or torpedo planes.

Our whole Navy power in general is concentrated there; they can't cruise for next six menths."

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And you discussed at some length the question of antiaircraft guns and planes which might be available.

"General Mauborgne said that another question has to do with change in priorities;" --

General Mauborgne, is that?

General Marshall: General Mauborgne, Chief of the Signal Corps.

Mr. Mitchell: " -- these pursuit people can't work without their detectors and if the situation is such that you need guns for the protection of the Navy somewhere in Hawaii, that you are going to have to change priorities and get some aircraft warning units mobilized.

"General Marshall said we are on that right now.

"General Moore said that we are making a complete study of that whole question on aircraft warning and also with reference to priorities and where we are going to establish this service first. The question came up in connection with the Alaskan aircraft warning service.

"General Marshall said that with reference to priorities, he had put the cards on the table with Admiral Stark and said, where do you want it. The protection of the Fleet is of major consideration. He said that Admiral Stark was quite embarrassed. When the next planes come out over and above the .50 millimeter planes, it is a question of where

Witness Marshall

Questions by: Mr. Mitchell

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they go, to Panama or the Philippine Islands. That will be up to the Navy II am going to allow them to practically dictate where those planes should go until we reach a certain degree of security. We haven't any modern medium bombers. They are just beginning to come off the line. The question is where do they go. That is a Navy decision, for the protection of the Fleet, and at the present time for the protection of our shores. "I don" think they want the first ones in Manila. They will probably say that they want them first in Hawaii. Then how many in Panama. The Navy can almost tell us. Those priorities will all have to be solved in terms of protection of the Navy in the immediate situation."

Was that your policy all through this period? General Marshall: Yes, sir.

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Mr. Mitchell: Do you want to add anything to what the minutes of the meeting report?

General Marshall: I can think of nothing at the moment.

Mr. Mitchell: I call your attention to a letter from General Short to you under date of February 19, 1941, in this book we have just offered in evidence, Exhibit 53.

Не ваув:

"I was very glad indeed to have your letter of February
7, as it gave us some very definite information on aircraft
we did not have."

He says that he is getting along well with Admiral Kimmel and Admiral Bloch.

"I have told them that from my point of view there will be no hair-splitting, but that the one thing that would affect any decision where there is an apparent conflict between the Army and the Navy in the use of facilities would be the question of what could produce the greatest combined effort of the two forces.

"As a result of my short study of the conditions here,
I believe that the following are of great importance and
I am taking steps to carry out the necessary changes.

- "1. Cooperation with the Navy.
- "2. Dispersion and protection of aircraft and the repair, maintenance and servicing of aircraft.

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"3. Improvement of the antiaircraft defense.

- "4. Improvement of the Harbor Defense Artillery.
- "5. Improvement of the situation with reference to searchlights.
- "6. Provision for more rapid movement of supplies and reserves by improvement in roads and trails.
- "7. Bomb proofing of vital installations such as Command Posts and Communications Centers.
 - "8. Increase in the number of Engineer troops."

Then he discusses the dispersion and protection of aircraft and bombers; improvement of the antiaircraft defense; and other activities that didn't directly relate to antiaircraft defense.

He also mentions bomb-proofing of vital installations, such as Command Posts and communication service.

That is a defense movement against air attack, is it not, bomb-proofing of vital installations?

General Marshall: Against air attack, against, maybe, fleet bombardment and against, maybe, a landing, if it should take place.

Mr. Mitchell: Have you any comments to make on that letter, General Marshall?

General Marshall: No, sir.

Mr. Mitchell: It did make you aware of the fact that

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Questions by: Mr. Mitchell

General Short had taken your letter of February 7 to heart and was actively interested in aircraft, anti-aircraft measures out there?

General Marshall: Very much so.

Mr. Mitchell: I call your attention to the minutes of a meeting of the "Conference in the Office of the Chief of Staff" Tuesday, February 25, 1941.

I think I did not offer this in evidence, the one of February 19, which I should have offered, as Exhibit 54. That is "Notes on General Council Meeting", February 19, 1941.

I offer it as Exhibit 54 and I will offer the minutes of the conference of February 25, 1941 in evidence as Exhibit 55.

> (The documents referred to were marked Exhibits 54 and 55.)

Mr. Mitchell: Would you go through that, General Marshall, and make any comments on it that occur to you. I will read it if you like.

General Marshall: No, sir. I am scanning it here.

Mr. Mtchell: I think maybe I had better read it.

General Marshall: I can read it for you.

Mr. Mitchell: All right, sir.

General Marshall: (Reading)

"Conference in the Office of the Chief of Staff at 10:00 A.M., Tuesday, February 25. 1941.

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"Present:	Chief of Staff	General Gerow
	General Emmons	Colonel McNarney
	General Arnold	Colonel Anderson
	General Brett	Colonel Twaddle
	General Spaatz	

"Chief of Staff: In view of the Japanese situation the Navy is concerned with the security of the fleet in Hawlii, and apparently the new commander of the fleet there has made a check and reported it to Washington and the Secretary of the Navy has outlined the situation to the Secretary of War. Their particular point is the type of air force in Hawaii, particularly Pursuit. They are in the situation where they must guard against a surprise or trick attack. It is necessary for the fleet to be in anchorage part of the time and they are particularly vulnerable at that time. I do not feel that it is a possibility or even a probability but they must guard against everything. We also have information regarding the possible use of torpedo planes. There is the possible sudden introduction of Japanese carrier-based planes of the Messerschmidt type which has a speed of 322 miles per hour, armored, etc. The Navy viewpoint is that the whole fleet is involved and that the sea power of the United States might be

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jeopardized. We have already arranged to send 31 P-36 ships there. The Curtis plant has moved up the delivery date of 50 additional planes to March 10th; the Navy is sending a Carrier back for these ships. The issue is the priority with regard to new equipment. Admiral Hart has six new submarines, one old cruiser, and not one AA gun. They have now brought up the question of moving some armament from Corregidor. The planes in the Philippines are of the Swedish type which the Chinese turned down. If we had a single squadron of modern planes in the Philippines, it would at least give the Japanese something to think about. Then we have the question of Panama -- no modern planes. I understand that the P-40s have some engine trouble which makes them dangerous flying over water. Consequently, our original allocation will be changed by the Japanese situation. Also I have a memorandum with reference to a British request for 50,000 airplanes, to be delivered in 1942. We have a deficiency of 10,000 in organizing the 14,000 program. We are concerned with the reduction of the assignment to the GHQ Air Force. It was thought to our advantage to have as many as possible in foreign garrisons. I have just been talking about pursuit. We have started

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a proposition to fill up outlying garrisons, those close to home aren't so much of a problem.

"Colonel Anderson: We have made a tentative allocation of planes as follows: First priority: to the Philippine Islands -- one interceptor squadron, one medium bomber squadron. To Alaska -- one composite group. To Hawaii and Panama -- sufficient strength to meet a two-carrier attack. To Puerto Rico -- one pursuit group and two bomber groups. Second priority: The equipment for an emergency force to South and Central America -- three groups of heavy or medium bombers, two groups of light bombers, and two groups of intercept. Third priority: Remainder of the GHQ, minimum training requirements for the remainder of the 54 group program. We will complete training requirements before January 1942; will complete the 54 group in intercept pursuit in January 1942; fighter pursuit in July 1942; heavy bombers in April 1942; medium bombers in December 1941; light bombers in April 1942.

"Chief of Staff: What do you think about this, Emmons?"

He was the Commander of the GHQ Air Borce.

"General Emmons: We have little means to accomplish

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our plans in GHQ Air Force. We are 850 officers short on the 25 group program and we won't get the shortage made up until July, then we will only have graduates of training centers. If we make the normal assignments to staff echelons, we will have less than 100 officers with 2 years service to distribute over 34 groups. With respect to planes, we have 500 combat types for instance. With regard to the P-36 we had to get 31 to send to Hawali, it took all we had (71) to get the 31 out, due to repairs, ships on the ground, etc. The backbone of our present airplane strength is the B-18 of which we have 140. Of the 193 P-40°s we now have only 175, many are out of commission for lack of spare parts. We have 50 B-17s, also 4 P-39s and 5 A-20A. We are also short of spare parts. Although we have on paper about 500 planes, I doubt that we could put 300 in the air.

"General Arnold: The 25 group program is supposed to be completed by July 1941; the 54 group by April 1942.

"General Emmons: With regard to sending equipment on foreign service it would be a mistake to send new planes overseas until the defects inherent with new materiel have been ironed out. We have changes on the 50 P-40Bs to go to Hawa 1, probably won't make much

Witness Marshall

Questions by: Mr. Mitchell

difference except with the engine.

"General Brett: The engine is improving all the time. The P-40D has a new engine.

"Chief of Staff: How about the Air Depot in Hawaii? "General Emmons: It functions very well.

"General Arnold: With regard to this shortage of parts, we are going to have to manufacture parts in the depots -- we used to do it before.

General Brett: The shortage in parts is due to the fact that we have pushed the plane manufacturers so far the planes that they have been forced to neglect, in a measure, the production of spare parts.

"General Emmons: With regard to organization equipment, we are in pretty good shape. The only shortage is in cameras and octants. With regard to the allocation, I don't know what to say. With regard to a tactical point, Hawaii has a peculiar situation -pursuit is of little value at night, at which time -due to phosforesence in the water -- primary targets, dry-docks, the fleet, etc., stand out on the darkest night. They will have no warning service until they get detectors and pursuit would be useless. I would have long range bombers and not send pursuit, but bombers.

"Conference Adjourned"

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Mr. Mitchell: Does that reflect the problems you were

General Marshall: Yes, sir.

Mr. Mitchell: Have you any comment to make on that situation that is developed by that conference?

General Marshall: No, sir, I don't think of anything

Mr. Mitchell: I call your attention to a letter you worde to General Short on March 5, 1941. It says:

"My dear Short:

"I would appreciate your early review of the situation in the Hawaiian Department with regard to defense from air attack. The establishment of a satisfactory system of coordinating all means available to this end is a matter of first priority.

General Chaney has prepared a report of recent exercises held in the United States and incorporated therein his views and recommendations based on his experience in these exercises and his observation of the system and method employed by the British. A copy of this report is being sent to you.

"An air defense exercise is contemplated for the West Coast in the Spring. This exercise is to include an establishment similar to that which has been set

up in the Air Defense Command exercise in the Northeast and tested during January. It is highly desirable that representatives from Hawaii be present to observe the details of this exercise. If this is found to be impracticable, we will consider having officers sent to the exercise who shortly thereafter are due for station in Hawaii."

Now, what inspired that request for an early review at that date from General Short of the situation in the Hawaiian Department?

General Marshall: The fact that we were beginners at the business of organizing for the meeting of air attacks, the ployment of reder and operation of these boards where all the movements of the ships were kept graphically illustrated, the directions to meet varying attacks. The British, of course, had developed that to a high degree in the Battle of Eleitain. General Chaney was directed to observe all the details of their procedure in England. He was an Air Officer. I recalled him to the United States, stationed him at Mitchell Field in Long Island, with directions to develop there a practical method of handling aircraft and anti-aircraft in resisting air attacks and the employment of radar.

He carried on quite a development and finally had maneuvers. We carried those maneuvers eventually down the entire coast

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and also finally out on the West Coast.

I was concerned that everybody in the Air Corps, everybody concerned with the anti-aircraft, understood the technique and its application. I, therefore, wished General Short to te brough into the picture and to have the last word so far as we could determine as to the best method of meeting air attacks.

Mr. Mitchell: Well now, your letter was dated March 5, and there appears in this book a letter from General Short to you dated March 6. That could not have been a reply to your letter. It doesn't so state. The letters probably crossed in the mail.

General Marshall: Yes, sir.

Mr. Mitchell: That letter to you of March 6, 1941, in it General Short says:

"Dear General Marshall:

"One of the first projects which I investigated in this Department was the Aircraft Warning Service which I believe is vital to the defense of these Islands. At the present time the maximum distance an approaching airplane can be detected is about 5 miles. The radio detector equipment of the Aircraft Warning Service increases this distance to 120 miles, and in these Islands, the use of this equipment is the only way by

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Witness Marshall

which the detection distance can be increased. With the present international situation it seems to me that if this equipment is to be used at all the need for it is now here.

"The Navy is vitally interested in this project.

At present with the Fleet in Hawaiian waters, there is no adequate warning service. The Commander in Chief of the Fleet has expressed his concern about this and had communicated this concern to the Navy Department; as you know, the Secretary of War has advised the Secretary of the Navy that the equipment would be received in this Department sometime in June and the stations be operating shortly thereafter. I have discussed this matter with Admiral Kimmel and have assured him that personnel would be trained and the stations in operation within 30 days after receipt of the equipment."

I probably ought to read the rest of it.

"All this leads up to a radiogram of 3 March 1941
just received from The Adjutant General regarding the
Haleakala installation. A copy of this radio and a
paraphrase of my reply are enclosed for ready reference.
The Adjutant General's radio indicates to me that the
seriousness of this situation has not yet been

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appreciated in the War Department. It lists certain restrictions regarding construction, and if it is necessary to comply with these, the completion of this station will be unduly delayed. The fixed station at the summit of Haleakala is one of the two most important in the warning net; its commanding location gives it greater coverage than any of the others, and its early completion is vital. I believe that this matter is sufficiently important to be brought to the attention of the Secretary of War to see if permission cannot be obtained from the Secretary of the Interior to construct the Haleakala installation without the necessity of submitting detailed plans for consideration by the National Park Service.

"Derense of these Islands and adequate warning for the United States Fleet is so dependent upon the early completion of this Aircraft Warning Service that I believe all quibbling over details should be stopped at order. This project was very thoroughly studied by a Board of officers in this Department who made several personal investigations of each one of the sites. Now that basic decisions as to locations, types of stations, and general plans have been approved by the War Department, I strongly recommend that this project be

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decentralized and that I be authorized to give final approval to designs, layouts and other details to expedite its completion."

Do you remember that Secretary of War Stimson was especially interested in these radar detectors?

General Marshall: Yes, sir, he was very much interested in that particular development.

Mr. Mitchell: It may be anticipating, but do you know now many mobile or fixed radar detector outfits were sent to Hawaii before December 6?

General Marshall: My recollection is that there were Jis mobile sets in operation at that time and three fixed ests known in operation.

Mr. Mitchell: In your letter of March 13 to General Short you say:

"The progress that you are making in reaching close coordination with local Naval authorities, and so insuring a maximum degree of readiness in your Department, is most gratifying.

"Since the Navy deployment in Kaneche Bay has exceeded the project originally contemplated, I agree with you that the Army should consider assuming responsibility for its defense, and meanwhile defend it within the means available.

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Questions by: Mr. Mitchell

"The several letters which you have submitted to The Adjutant General requesting personnel, materiel and funds are being processed. To avoid delay in initiating projects that may be approved, I am tentatively including \$3,000,000 in the estimates now being prepared."

Here is a letter from General Bryden to General Short, dated May 15. That wasn't one of your letters.

Senator Lucas: March 15.

Mr. Mitchell: March 15, 1941. It says:

"The War Department appreciates fully the necessity for the early establishment of the Aircraft Warning Service stations in the Hawaiian Department. However, it will be necessary to comply with certain fixed regulations in those cases where facilities are to be established on lands pertaining to the Department of the Interior. The National Park Service officials are willing to give us the temporary use of their lands when other lands are not suitable for the purpose, but they will not waive the requirements as to the submission of preliminary building plans showing the architecture and general appearance. They are also very definitely opposed to permitting structures of any type to be erected at such places as will be open to view and materially alter the natural appearance

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of the reservation.

"I have given these matters my personal attention, and have conferred with officials of the National Park Service. War Department radiogram of March 12, 1941 outlines what appears to be the most practical solution at this time. The War Department finds it necessary to ask the Department of the Interior for the use of many tracts of land in the National Parks, and for their cooperation in the transfer of large areas of public land. It is not believed that it would be advisable to attempt to alter the informal decisions of the Department of the Interior by carrying this matter to higher authority, or to prolong the discussion through official channels.

"We are as anxious as you are to work out a solution for these problems with the least practicable delay, and I know that I can count on you for fullest cooperation." Signed "William Bryden, in the absence of the Chief of Staff."

Senator Ferguson: Would counsel read the distribution of that letter?

Mr. Mitchell: Yes. It says:

"Distribution: 1 Chief of Staff."

Showing a copy of the letter went to the Chief of Staff.

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Here is another letter from General Short to you dated March 15, 1941. It appears to be in answer to your request for a report from him about the air situation.

Senator Lucas: Mr. Chairman, before counsel proceeds, I am wondering if General Marshall would care to comment on that letter of March 15.

Mr. Mitchell: Thank you. I should have asked him for a comment. I get so interested in these myself that I forget.

General, you heard me read this letter of March 15 which releved to sites for the installation of fixed radar stations in Hawaii and the discussion as to the attitude of the Department of the Interior.

General Marshall: My recollection of the situation here was General Short pressing very hard to have early action taken to permit the installation of that radar. He had selected a point in one of the National Parks which was a volcanic peak to which the Department of the Interior, or the National Park Service, rather, on the ground objected, and that objection was supported for the time being at least by the Department of Interior National Park Service here in Washington.

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Another site was proposed but that site would have involved about either twenty-five degrees or twenty-five per cent of the total arc of observation or, rather, of registration of the radar, so that being the case any planes that approached within that are could not have been detected.

Therefore, General Short was very much concerned to have the radar established on the peak, which gave all around service. He can, of course, tell you the details of this much better than I can

He was pressing us to get the authority out of the Department of the Interior and the National Parks Service. He was also pressing us to secure authority to proceed with the building without any delay which would be involved in sending the plans to the United States for approval here by the National Parks Service in the Department of the Interior.

We had been endeavoring through the ordinary channels, so far as I can recall, that follow any business between two separate departments of the government represented by Cabinet heads and had quite a difficult time obtaining authority to establish the radar section on the peak of the volcano most desired by General Short. That authority was obtained.

However, we were unable, and I think that was the situation at the time of this letter of General Bryden's, though I am not accurate about that, to secure authority for General

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Witness Marshall:

Questions by Mr. Mitchell

Short to proceed with the building without the delay of submitting plans to Washington. General Bryden evidently
wrote this letter in order to make clear to General Short our
difficulties here and just why we could not obtain that necessary authority.

The records will show, I think, and my recollection is that General Short sent another message or two pressing again that we go after this more vigorously. I then personally went into the matter and talked by telephone with the head of the National Parks Service, I believe it was the head, I do not remember the gentleman's name, to secure authority to go ahead with the construction of the station without the delay involved in sending the plans back to the United States.

He told me that could not be; that in each case, notably those where we were constructing similar radar station sites in Maine, along the coast of New England, each one had to be approved in the Department, in the Department of the Interior, before any building could be gone ahead with, if the site lay in any National Park area.

Mr. Mitchell: This letter --

General Mar shall: I might finish, though, by saying that that conversation ended with the statement that they could not grant the authority for General Short to go ahead; and, incidentally, what he was trying to do was to get the

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Witness Marshall:

Questions by Mr. Mitchell

station installed and ready to receive the equipment that was then due in June.

Later, and as I recall that aftennoon, word came either from the National Parks Service or the Department of Interior or otherwise which permitted, as I recall, us to go ahead with the plan, sending just the general statement of the plan by air mail. I think the records will show that development.

Mr. Mitchell: Well, this letter from General Bryden to General Short states that the reason the National Parks Service and the Interior Department require the structure plans to be submitted to them in full before they would permit the reservation to be used for such a purpose was based on the question as to whether they were architecturally attractive or altered the natural appearance of the reservation.

Is that your understanding of their basis? General Marshall: Yes, sir.

Mr. Mitchell: Now, this letter of March 15, 1941 from General Short to you appears to be a report in response to your letter of the 5th in which you asked him for a review of the air defense situation there. He starts out and says:

"The most serious situation with reference to an air attack is the vulnerability of both the Army and Navy air fields to the attack."

He develops that at length and reports on the anti-

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aircraft artillery. He says:

"In general we have no serious shortage in 3 inch antiaircraft artillery, only 16 guns being required to complete our complement. As far as I know no provision has been made for 90-mm antiaircraft guns, 20 out of 135 37-mm antiaircraft guns have been received. The exact date of the arrival of the others is not known. We are still short 236 of 50 caliber machine guns. Perhaps the most serious shortage is 8 long range detectors (AWS)"--

What does "AWS"attand for?

General Marshall: Air Warning Service.

Mr. Mitchell: (Reading)

"--which are supposed to arrive in June. Our present sound locators have a range of only 42 miles so they are practically useless. The new detectors will have a maximum range of 120 miles."

Then he discusses the shortage in personnel, which he says is serious.

The coordination of antiaircraft defense. He says of that (Reading) 8

"The coordination of Antiaircraft defense presents quite a different picture at Hawaii from that existing in most places on the mainland. The island is so small.

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that there would not be the same degree of warning that would exist on the mainland. After the installation of our new detectors we shall have some warning from the different islands and almost continuous service in the most dangerous direction for approximately 75 miles. The pursuit aviation, however, will have to be prepared to take the air in the minimum amount of time.

"On account of the congestion in the areas at Hickam Field, Pearl Harbor, and Barbers Point, the coordination of the Army and Navy aircraft and of the Antiaircraft Artillery presents a very serious problem. We have had a committee of the Army and Navy working on this subject."

Then he refers to the West Coast defense exercise which you have mentioned and said he would like to sent both General Martin and General Gardner,

When that report came to your attention did you consider. that it showed a sufficiently lively and active interest in the anti-aircraft defense on the part of General Short? General Marshall: Yes, sir.

Mr. Mitchell: You said in your letter to him of March 28th:

"I was very glad to receive your letter of March 15 reviewing the air defense situation in your depart-

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ment.

"Your proposal for relieving congestion by the construction of one additional field and by the dispersion
of grounded aircraft in protected bunkers at existing
airfields is undoubtedly sound. As soon as you have
submitted sufficient details to support the defense of
the anticipated expenditures, funds for these purposes
will be included in estimates.

"A company of aviation engineers will be sent to you during April, and further increases in your engineer garrison are contemplated when the necessary personnel can be made available.

"Antiaircraft and aircraft warning service materiel to complete your project requirements is expected to
be available for delivery as follows."

Then you give him a list of guns and their dates.

(Reading)

"I am hopeful of arranging for the early augmentation of your antiaircraft garrison.

"I approved your proposal to send General Martin and General Gardner, or their Executives, to the West Coast Defense Exercise."

Have you any comments to make about that? General Marshall: No, sir.

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Witness Marshall:

Questions by Mr. Mitchell

Senator Lucas: Those dates, Mr. Counsel, in the fourth paragraph are pretty important.

Mr. Mitchell: The fourth paragraph?

Senator Lucas: Yes.

Mr. Mitchell: Yes. I did not want to tire the committee or keep the General waiting onmaccount of my reading toc long. (Reading):

"Antiaircraft and aircraft warning service materiel to complete your project requirements is expected to be available for delivery as follows: sixteen 3" antiaircraft guns, December, 1941; one hundred and fifteen 37mm antiaircraft guns, February, 1942; caliber .50 antiaircraft machine guns, in 1942; four SCR No. 268, April, 1941."

That means four outfits?

General Marshall: Yes.

Mr. Mitchell: Were they mobile or fixed, those SCR's, or don't you happen to know about that?

General Marshall: I do not know offhand. I think they were mobile.

Mr. Mitchell: (Reading):

"Five SCR No. 270 and three SCR No. 271, April and May, 1941."

Do you happen to remember whether those antiaircraft

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warning instruments, AWS, for radar were sent out there on the expected dates or would you have to look your records up on that?

General Marshall: I think you will have to go to the records for that. All I can tell you offhand at the moment is that there were six mobile stations in operations, as I understand it, on December 7, 1941 and three fixed setups not in operation.

Mr. Mitchell: I only mention General Short's letter to you of April 14 to call attention to the fact that in that letter he concludes with this statement: (Reading)

"Knowing that you are very much interested in the progress that we are making in cooperating with the Navy I am enclosing the following agreements made with them:

"l. Joint Coastal Frontier Defense Plan Hawaiian Department and Fourteenth Naval Districto Annex No. VII, Section VI, Joint Security Measure.

"2. Agreement signed by the Commander of the Hawaiian Air Force and Commander, Naval Base Defense Air Force to implement the above agreement.

Field Orders No. 1 NS (Naval Security) putting into effect for the Army the provisions of the joint agreement,"

Would you have had time to examine those documents at length, or do you remember having done so?

deneral Marshall: I think that I remember the documents, although I am not quite certain, that arranged for the coordination of air action and defense. I became somewhat familiar with them for the reason that the air officials of the war Department, I do not recall whether it was General Arnold personally or part of his staff, or both, brought objections to me to General Short's arrangements in the coordination in this matter with the Navy, which had to do with the Army Air Corps reluctance in regard to the over-water reconnaissance responsibilities which in this coordinated agreement was naval, and the Air Corps was thinking of their long range four engine bombers and what later developed into the great strategical air bombing force.

I did not think their position was sound and I thought General Short's arrangement was sound under the then circumstances which, incidentally, included the fact that he had very few B-17's, about twelve of them, and possibly some old B-18's, that the agreement with the Navy, with its PEY'S of long range and considerable endurance at the time, supplemented as might be considered necessary by the Naval Chief by Army planes, was the efficient method of meeting the conditions under the circumstances.

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Witness Marshall:

Questions by: Mr. Mitchell

Mr. Mitchell: You thought that the long over-water reconnaissance ought to be handled by the Navy with such assistance as the Army Air Forces could give it?

General Marshall: Certainly, under the conditions that then existed as to equipment on both sides.

Mr. Mitchell: You understood at that time then that the arrangement was between the commanders out there that if the Naval commander needed additional long range planes to make reconnaissance he would call on the Army for them?

General Marshall: And those planes would operate under

Mr. Mitchell: That is right.

General Marshall: The complicated part of the procedure, of course, was not that. It was the control of the various fighter planes and the antiaircraft in the very restricted area, particularly of Cahu, especially if the Fleet were there. That was made the responsibility of the Army commander and I thought in terms that were practical of accomplishment.

Mr. Mitchell: Did you agree with General Short's conclusion when he spoke in his letter about radar equipment, that even if they had radar equipment of a range of maybe 130 or 150 miles it would necessitate very prompt takeoff of pursuit planes in order to respond to such a warning?

General Marshall: Yes, sir. I do not know just to what

Witness Marshall:

Questions by: Mr. Mitchell

specific reference that you are referring in connection with that but that is certainly the case. 120 miles represents a very few minutes of flying time and that study by General Martin presents possibly other factors which would make the issue even more complicated unless the force is picked it at a great distance.

The planes have to be ready all the time for immediate action and a certain number warmed up. We had that same problem in Panama where it went on week in and week out, almost year in and year out, making it a very difficult problem to meet, the more so where enemy action was not always evident.

Mr. Mitchell: After he sent you his letter on the 14th enclosing the joint plans and estimates concerning possible air action you seem to have written General Short on May 5, 1941 as follows:

"My dear Short:

"Thank you for your letter of the 14th enclosing the joint plans and the estimate concerning possible air action. It is evident that you have been on the job, and I know that the Navy is delighted to have such generogs cooperation."

You say at the end of the letter?

"It is most gratifying to hear you say that everything is going along extremely well and do not hesitate

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Witness Marshall:

Questions by: Mr. Mitchell

to write at any time."

I take it you were assured by his report that this matter of antiaircraft defense - I mean the defense against air
attack was being given very diligent attention out there?

General Marshall: Yes, sir.

The Chairman: This is a good time to stop. The com-

(Whereupon at 12 o'clock noon, a recess was taken until 2 O'clock P.M. of the same day.)

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AFTERNOON SESSION

(The committee reconvened at 2:00 p. m.)

The Chairman: The committee will come to order.

Counsel may proceed with the examination of General

TESTIMONY OF GENERAL GEORGE C. MARSHALL

(Resumed)

Mr. Mitchell: General Marshall, I know the reading of these documents is tedious, but there are only a few documents left that I want to call your attention to before I ask you some general questions.

The next one is a document signed by Harry J. Malony, Brigadier General, addressed to the Chief of Staff on May 13, 1941.

I see that it generally relates to "installation of dispersed protection bunkers for 263 persuit ships, and 95 bombers," and paragraph 3 says:

"War Plans Division believes:

"a. That the danger of sustained air attack against air fields in Hawaii from carrier based aviation is not serious."

Would you tell us what would be meant from a military standpoint by the word "sustained"?

Ganeral Marshall: My reaction to that at the moment,

Questions by: Mr. Mitchell Witness Marshall I couldn't tell you specifically what it might have been 2 at the time -- would be that he was referring to a continuous attack on Hawaii, such as occurred at Okinava during the landing and heavy fire, rather than a raiding attack, 5 which is of short duration. B Mr. Mitchell: And he thought for that reason the bunkers against gas and bombs of secondary importance; is 8 that the idea: Đ General Marshall: That would be my conception of it 10 now. I don't recall what conception I had at the time. 11 Mr. Mitchell: We will offer that memorandum in evidence 12 as Exhibit 56. 13 The Chairman: So ordered. 1.4 (The document referred to was 15 0 . marked Exhibit No. 56.) 16 Mr. Mitchell: I have here a memorandum of a conference 17 in the Office of the Secretary of War under date of May 19, 18 1941. Have you that before you? 19 General Marshall: Yes, sir. 20 Mr. Mitchell: Would you mind reading it? 21 General Marshall: This is a conference on May 19, 1941 23 in the Office of the Secretary of War. 23 The Secretary of War - Mr. Stimson "Present: 25 The Under Secretary of War - Judge Patterson 33

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The Assistant Secretary of War - Mr. McCloy

The Assistant Secretary of War for Air - Mr. Lovett

The Chief of Staff"- myself -- two deputies -
three deputies at that time: General Bryden, General Moore,
and General Arnold.

"The Secretary, General Staff - Colonel Ward."
Mr. Mitchell: You might omit the first subject.

General Marshall: The first subject relates to Martinique which I understand you wish me to omit.

Mr. Mitchell: Yes. The next paragraph having to do with boats for the First Division.

General Marshall: "The French cruiser in Martinique is a first class cruiser ship with a top speed of 40 knots.

"The Secretary of War asked whether she was in good condition, and was informed that she was.

"General Marshall indicated that it would take about ten days for the Navy to get boats for the First Division.

He further indicated that it was primarily a naval mission but that the Army Air should participate, both for the help it could give and the experience it would gain. He indicated that the B-18's in Puerto Rico would be staged at St. Croix.

Puerto Rico is almost 400 miles from Martinique.

"General Marshall then indicated that there were now in the United States 14 B-17's of the most modern type which h4

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he thought should not be sent out of the country in view of the current situation. These had been withheld from the Hawaiian Department contingent.

"The Secretary of War asked if this would affect the impregnability of Hawaii.

"General Marshall said that it would not. He further said that we need some B-17's (but not of the most modern type) in Panama, and that he is recommending that 9 be sent there. This matter is under consideration.

"General Arnold: There is now available 50 B-17's without leak-proof tanks and without armor.

"General Marshall: High bombing is possible in the Caribbean area, due to weather conditions, and these ships without leak-proof tanks could be effectively used there.

(The document referred to was marked Exhibit No. 57.)

Jated May 29 from General Short to you. Page 35. Have

Mr. Mitchell: Will you kindly refer to that and read

General Marshall: It is dated May 29, 1941, signed Walter C. Short:

"Dear General Marshall:

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Questions by: Mr. Mitchell

"I know that you will not have time to look over a detailed account of our recent maneuvers but feel that you might like to have a birdseye view of what we did and the purpose back of it.

"The maneuver was divided into three phases. The first phase consisted of the air action and the actual issue of one day's fire and of Engineer Supplies for Field Fortifications and of Engineer Tools. During the air phase our bombers acted under Navy command in cooperation with the Naval Patrol Squadrons and actually located and bombed airplane carriers 250 miles out at sea. The movement of the carrier was entirely free so that the Navy patrol planes had the mission of locating the ship and notifying our bombers and they then made the attack. Pursuit attacked enemy bombers represented by Naval planes and our own bombers when they came in to attack ground defenses. Upon receipt of the warning for this phase our bombers were sent to fields on outlying Islands and pursuit planes were dispersed. The Navy cooperated very fully during this phase and I believe we learned more about the coordination of the Army Air Force, Navy Air Force, and antiaircraft than we had during any previous exercise. Ammunition and engineer supplies had never been actually

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Witness Marshall

Questions by: Mr. Mitchell

issued before and we got considerable data in regard to the time and transportation required to complete the issue."

Mr. Mitchell: You understand that relates to training or practice, simulated attack by air on Hawaii?

General Marshall: Yes, sir.

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Mr. Mitchell: The rest of the document relates to the other phases that were not related directly to the air attack, were they?

General Marshall: Yes, sir.

Mr. Mitchell: On July 25th it appears that there was a joint Army and Navy dispatch to Hawaii about economic sanctions. That dispatch was sent by the Navy under date of July 25th, from the Chief of Naval Operations to the Commanding General of the -- or to the commanding Chief of the Pacific Fleet and others and it bears in it a statement that it was a joint dispatch from the CO and the Chief of Staff of the United States Army. It is on page 2 of exhibit 32.

Was it the practice at that time occasionally for one department to send a dispatch and in it have a request that it be communicated to the other department in Hawaii?

General Marshall: Yes, sir, that was a very common practice all the way through in order to pretect our codes.

Mr. Mitchell: What was the occasion of your notifying the Army and Navy commanders at Hawaii of the placing of these embargoes and restrictions?

General Marshall: I did not hear the last word. Mr. Mitchell: Through these embargoes and restrictions

General Marshall: That was to apprise them of the de-

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velopments of the situation in relation to Japan.

Mr. Mitchell: Well, was there any idea in your head that the imposition of those embargoes might probably intensify the strain between Japan and the United States?

General Marshall: My best recollection is that it was as we say here:

"Do not anticipate immediate hostile reaction by Japan through the use of military means but you are furnished this information in order that you may take appropriate precautionary measures."

Mr. Mitchell: There is a letter under date of August 19th from you to General Short. Would you kindly look at that?

General Marshall: Is that on page 407

Mr. Mitchell: Page 40, yes. You might read the whole letter, General.

General Marshall: All right, sir.

Mr. Mitchell: I think it relates all to air matters, General Marshall: (Reading):

"August 19, 1941.

"Dear General Short:

"Your letter of July 11, has been received recommending the selection of Kipapa Field rather than the Kahuku
Toint Field as a bse for the 15th Pursuait Group. The

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advantages and disadvantages of each site have been considered. As a result, I feel that the advantages of the Kahuku Point Field outweight those of the Kipapa Field sufficiently to result in my decision to establish the base on Kahuku Point.

"The following factors are among those having a bearing upon my decision:

Low clouds and ground mist frequently obtain over the Wheeler Field - Kipapa area, while at the same time on the north shore of Cahu visibility conditions are good. It is believed tactically unsound to place two pursuit groups in an area subject to the same adverse weather conditions. Pursuit operations in defense of Oahu would be seriously hampered during such weather conditions. Selection of the Kahuku Point site places one group in a location where relatively favorable weather may exist when the reverse is true in the Kipapa areas

The close proximity of two Army and two Navy "bo air bases in the Schofield Barracks -- Pearl Harbor area has resulted in a situation under present conditions which necessitates continuous coordination and control of air traffic in the interests of safety. The addition of a fifth air base in this area will appreciably ag-

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Witness Marshall:

Questions by: Mr. Mitchell

gravate this situation.

"I feel sure that the Naval authorities comprehend fully the importance of adequate air defense of the Oahu Naval installation and accordingly, will entertain favorably any proposal which will implement the efficiency of such defense. I hope, therefore, that they will be agreeable to our proposal to establish an air base at Kahuku Point to the extent of releasing any claim they may have previously established to any part of the area involved.

"With best personal regards,

Faithfully yours,

(Stamped) [Sgd) G. C. Marshall,

Chief of Staff."

Mr. Mitchell: Do you happen to remember whether the site you recommended was actually selected?

General Marshall: I do not recall right now, sir,

Mr. Mitchell: I will ask you to turn, General, to the letter from General Short to you dated October 14, 1941, appearing on page 43.

General Marshall: Do you wish me to read that, sir?
Mr. Mitchell: Yes, if you please.

General Marshall: (Reading)

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Questions by: Mr. Mitchell

"Fort Shafter, T.H.,

Cotober 14, 1941.

"General George C. Marshall, Chief of Staff of the Army, War Department, Washington, D. C.

Dear General Marshall:

"I have your letter of October 10th with reference to the use of men of the Air Force on other than strictly air duties. At the time our tentative Standing Opera ting Procedure was put out the Air Corps had 7229 men. Full Combat details and all overhead required only 3885 men for the planes and organizations actually on hand. This left a surplus of 3344 men with no assigned duties during Maneuvers. One of the main reasons for the assignment was to give these men something to do during the Maneuvers. Another reason was the belief that any serious threat of an enemy ground attack of Oahu would come only after destruction of our Air Forces. The fact that our planes had been destroyed would not mean that all the men had been put out of action. It is probable that several thousand men would still be left and it would not look plausible to have them sit down and do nothing while Infantrymen were detailed to protect the m and their air fields. The training after the first two weeks takes up only about four hours per

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month of their time. It seems to me that they should continue to be trained as Riflemen in the immediate defense of air fields. As regards their use as Military Police that was not correct. The plan was to use them for guarding certain essential utilities, which did not require team training. However, this will be unnecessary as the Legislature has just passed the Home Guard Bill, which will go into effect very soon. They will be able to take over guarding of all essential utilities, highway bridges, railroad bridges, etc.

"If it is not desired to train Air Corps men for their own protection and for the final defense of the air fields I would like to be so advised."

Mr. Mitchell: Now, that was a proposal of General Short's to train Air Corps men for guard duty, wasn't it?

General Marshall: Well, it was Military Police duty.

Mr. Mitchell: And to defend the planes on the ground?

General Marshall: Yes, sir.

Mr. Mitchell: And on the next page I think is your letter in which you disapproved of that proposal.

General Marshall: I will read that if you wish me to, sir.

Mr. Mitchell: Yes.

General Marshall: (Reading)

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"October 28, 1941

"Dear Short:

"With reference to your letter of October 14, I can understand your motives in giving ground defense training to Air Corps personnel which at present are excess for the equipment provided. However, the present rate of expansion of the Air Force is such that they are having considerable difficulty in obtaining experienced maintenance men and it is important that they be permitted to concentrate on the technical training of all potential mechanics, regardless of available equipment. Also, it is equally important that they utilize all available time on this specialized training and the men not be left without assigned duties particularly during the maneuver period.

"I suggest that you prepare a separate phase of your alert plan based on the assumption that the Air Force has been destroyed and a hostile landing effected. This plan could provide for the use of the necessary Air Corps personnel for ground defense and afford a means of indoctrinating them in ground defense tactios. It should, however, for the present at least, be subordinated to their own specific training requirements.

"It would appear that the best policy would be to

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allow them to concentrate on technical Air Corps training until they have completed their expansion program and have their feet on the ground as far as their primary mission is concerned. War Department Training Cir-'oular 47, which was issued July 18, 1941, can be accepted as a guide except in extreme situation.

Faithfully yours,

G. C. MARSHALL,

Chief of Staff."

Mr. Mitchell: Do you remember how many divisions General Short had at that time? Were there two divisions?

General Marshall: I think he had a division and a fraction; roughly a reinforced division. I am not quite certain. That is readily obtainable from the figures.

Mr. Mitchell: Do I understand your idea was that he should use part of his Infantry divisions for work of that kind rather than the Air Corps?

General Marshall: To the extent indicated in that. What was going on there back of the letters was this: The Air Corps was engaged in an unprecedented expansion both as to the extent of expansion and the speed with which we had to make it and the Air Corps people themselves were very sensitive to anything that diverted their personnel from the development under that expansion and their representatives

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Witness Marshall

here in Washington, General Arnold and his staff, appealed to me to get this modification so that nothing should interfere with the completion of the technical training of the Air Corps personnel.

Mr. Mitchell: Now, there is just one other document I want to refer to and that is a dispatch from the Chief of Naval Operations dated November 24, 1941 addressed to the Commander-in-Chief of the Asiatic Fleet, Pacific Fleet and Commandants of the 11th, 12th, 13th and 14th Naval Districts.

It was a joint dispatch with instructions in it to inform the senior Army officers. It states:

"Chances of favorable outcome of negotiations with Japan very doubtful. This situation coupled with weatements of Japanese Government and movements their naval and military forces indicate in our opinion that a surprise aggressive movement in any direction including attack on Philippines or Guam is a possibility. Chief of Staff has seen this dispatch concurs and requests action addressees to inform senior Army officers their areas. Utmost secrecy necessary in order not to complicate an already tense situation or precipitate Japanese action. Guam will be informed separately."

Do you remember having authorized that dispatch?

General Marshall: Yes, sir.

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Mr. Mitchell: Now, General Marshall, with all these documents before us showing your contacts with Hawaii and your knowledge about the situation there and the question of defense against air attack, will you cast your mind back, if you can, to the latter part of November 1941 and give us the estimate you then had as to the capacity of the forces ac Hawaii to resist an air attack, an air raid? I am not asking you now whether you expected one but what your estimate then was of the situation and the capacity with the materiel they had to resist such an attack successfully.

General Marshall: The Hawaiian garrison on the Army side was short of four engined bombers, only having 12; it was short a few three inch antiaircraft guns and it was short more seriously in lesser calibers of antiaircraft guns. It had been built up to a considerable extent in fighter aircrafto

It had a moderate radar setup of the portable type then functioning. It had what I thought were ample troops to defend the beaches successfully against a landing attack.

The military forces on Hawaii were in numbers and in equipment more nearly up to the desired standards than any other installation in the Army. My own impression was that the garrison was sufficiently established and equipped and organized to prevent a landing and to successfully resist an

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air attack and to defend the naval base.

I was always of the opinion, as indicated particularly by my letter to General Short of February 7th, I believe, that the principal problem there was to be prepared against an emergency of a surprise attack which might come at any time, presumably with the least possible advance notice. In that letter I stated, if you recall:

that if no serious harm is done us during the first six hours of known hostilities, thereafter the existing defenses would discourage an enemy against the hazard of an attack. The risk of sabotage and the risk in volved in a surprise raid by Air and by submarine, constitute the real perils of the situation. Frankly, I do not see any landing threat in the Hawaiian Islands so long as we have air superiority."

would you repeat your question again to me, please, to see if I got it straight?

Mr. Mitchell: Well, I was trying to draw out your judgment as of the latter part of November 1941 and the early part of December as to the capacity of the forces at Hawaii, assuming they used all they had to the best advantage, to --

General Marshall: I think they had a sufficient amount of materiel at their disposal there to successfully resist.