EH-71/57

21482 A- 91-048 LAND ACCORD FILE



**HEADQUARTERS** JOINT TASK FORCE SEVEN WASHINGTON 25, D.C.

411776

NOV 4 1953

Dr. Alvin C. Graves Scientific Director, JTF SEVEN Los Alamos Scientific Laboratory P.O. Box 1663 Los Alamos, New Mexico

J-3/ UOO.93 X 318-1

Dear Dr. Graves:

Inclosed is a copy of my report on the recent trip I took to the Forward Area and the Far East in the company of Lt Col Slater and Major Robinson of the Air Weather Service. I feel that you will be interested in several of the items discussed. If you have any comments, I would certainly appreciate receiving them.

In line with our conversation on 28 October, I will advise you of the results of my talks with Mr. Eisenbud regarding the use of the constant altitude balloons for cloud tracking. It appears we may have a workable and usable system which is reasonable in cost.

I certainly enjoyed the visit with you on Wednesday night and hope to see you soon.

Sincerely yours,

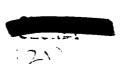
l Incl: Report on Trip C. D. HOMMOT Lt Colonel, USAF Chief, Weather Branch

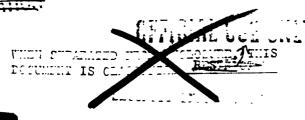
to Forward Area

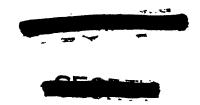
n 8133

2177 2

5-2-1







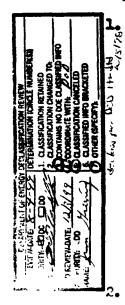
I/1991

### Report on Trip to Forward Area

AC of S, J-3

Chief, Weather Branch

20 Oct 1953



# INSTALLATIONS VISITED:

USARPAC CINCPAC

Detachment 1, AF Cambridge Research Center, Wheeler AFB

High Commissioner Trust Territories Islands of the Pacific, Honolulu

57th Strat Recon Squadron, Hickam AFB

U.S. meather Bureau, Honolulu

Naval Station, Kwajalein

Rongerik Atoll

Eniwetok Island

Parry Island

Bikini Atoll

AF Typhoon warning Center, Anderson AFB, Guam

54th Strat Recon Squadron, " " "

2143rd Air ..eather Wing, Tokyo

PULPOSE:

LOS ALAMOS 01761869

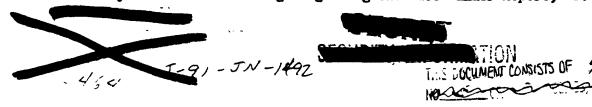
To coordinate preparations for CASTLE weather service, to ascertain if adequate progress is being made to set up the CASTLE weather service and to brief various commanders on the weather service requirements and preparations for CASTLE.

## 3. CONCLUSIONS:

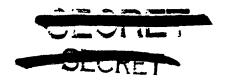
a. Preparations for CASTLE weather service are progressing extremely well. No major action items are pending at the present time. Almost all items were resolved on-the-spot with individuals concerned.

b. The undersigned traveled under the authority of TO #138 dated 25 August 1953, and was accompanied by LtCol H. H. Slater and Maj F. F. Robinson. Copies of their trip reports are inclosed. The three of us visited all of the above listed installations in Hawaii, Kwajalein and Eniwetok. Maj Robinson also visited Kusaie, Majuro and Ponape in the line with his desire to survey the conditions at all of the outlying weather islands. LtCol Slater accompanied me on to Guam and Tokyo while Maj Robinson returned to Hickam and the U. S.

c. Of particular interest was a visit to USARPAC where Dr. C. E. Palmer of Detachment 1, AFCRC, Dr. Graves, Gen Fields, LtCol George H. Duncan, Commander of Detachment 1, AFCRC and the undersigned visited with Gen Clarkson concerning the Pate-Palmer report. It was decided that Dr. Palmer and Dr. Graves would go on record officially as to their feelings regarding the Pate-Palmer Report; Dr. Palmer made it



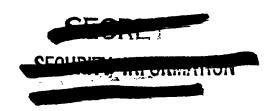
41/419:00 -



SUBJECT: Report on Trip to Forward Area

clear that he was the author of only the first two chapters of the report; that he desired to go on record as such, and as well, to state what the several serious editing errors were that appeared in the finished report. Dr. Palmer wrote a memo to Dr. Graves on this matter. Dr. Graves is to follow up on this so as to make it a matter of official record.

- d. Weather-wise, the time spent with the people at Detachment 1, AFCRC was the most fruitful. Detailed and comprehensive discussions were had with Dr. Palmer, Col Duncan and other members of the detachment. The complete course of indoctrination of the Weather Central personnel was agreed upon, and it is my feeling that it is an extremely well thought out and comprehensive course. It was concluded by all concerned that due to the fact that all shots were during darkness, prior to day break, it would be unnecessary to perform an upwind special weather recommaissance flight just prior to each detonation. It was felt that better utilization could be gained by performing the normal routine weather recommaissance missions of two flights per day throughout the entire period of operations; at least this procedure will be used at first. This was the particular recommendation of Dr. Palmer since he felt that the value to be gained from a recommaissance mission during the hours of darkness was questionable and dubious.
- e. Mr. Frank A. Metcalf, High Commissioner, Trust Territories Islands of the Facific was visited concerning establishment of our outlying weather stations on islands under his control; he gave us complete and unstinted assistance and cooperation. He was so very cooperative that upon reaching the outlying islands, it was found that there were few problems remaining to be solved, at least coordination-wise.
- f. Courtesy visits were paid to Staff Aerologist, CINCPAC, CIC, Fleet Weather Central at Pearl Harbor and Mr. Gordon D. Cartwright, CIC of Honolulu weather Eureau. Mr. Cartwright is in charge of the presently established weather Eureau Station at Ponape. He could foresee no problems in again establishing our stations for CASTLE. He did suggest that I visit Dr. Reichelderfer, Chief, U. S. Weather Bureau here in washington, concerning delineation of responsibilities and disposition of observations during our tenure at Ponape.
- g. The 57th Strat Recon Squadron had no major problems to discuss. Reconnaissance tracks to be used during the operation were discussed and decided upon by all concerned. These-tracks will be considerably simplified in comparison to those used in previous tests.
- h. All personnel at the Naval Station, Kwajalein were most cooperative and helpful. Admiral Clarks and Capt Sooy practically placed all the facilities of their station at our disposal. They furnished transportation to all the outlying islands in a most commendable manner.

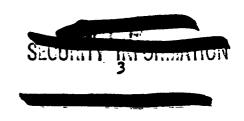




- i. The trip to Rongerik Atoll is discussed in Maj Robinson's report. This was a most interesting visit to an uninhabited island.
- j. Col Lahti and Col Starkey at Eniwetok were also quite ecoperative and helpful. Facilities for the weather central were inspected and found to be adequate. I visited with Mr. Hardison at Parry to find if there were any discrepancies in the weather service being offered to the H&N people. He felt that it was adequate. I also visited Bikimi and found the weather service at that location also to be adequate.
- k. The assistance required of weather personnel on Guam was obtained. The Typhoon Marning Center will furnish us with certain weather data and the 54th Strat Recon Squadron will assist in their normal routine reconnaissance activities. The Fleet Weather Central at Guam can also help, if they are needed.
- 1. Col James T. Twaddell, Jr., Cdr 2143rd Air Meather ling was contacted concerning receipt of analyses and forecasts from the Tokyo Meather Central in the TF Weather Central. These items he agreed upon immediately but there is a problem as to facsimile transmission between Tokyo and Eniwetok. He took this to be a matter for his own solution and consequently relieved us of any further responsibility on this problem.
- m. On the return trip through Honolulu, certain of the individuals who were originally visited were again contacted and verbal reports given to them as to what transpired during our visit in the forward area.

### 4. RI COMMENDATIONS:

- a. That the Chief, U. S. Leather Bureau be contacted concerning the use of Fenape (this has been done and all matters fully resolved, see DF to AC of 3, J-3, subject: "Conference at U.S. Leather Bureau re Trust Territory Weather Stations, dated 8 Oct 1953").
- b. That the up-wind special weather reconnaissance flight not be planned and that normal daily reconnaissance be used in lieu thereof.
- c. That the facsimile broadcast from Tokyo to Eniwetok be improved (this matter is being resolved in the field by Air Leather Service and AACS personnel).
- d. That BAIROKO and CURTISS, as well as the ESTES take certain weather observations during the course of the operation (this matter has been resolved with CTG 7.3 and the requirement is presently in our OpPlan 3-53).
- e. That a letter of appreciation be written to Admiral Clarke at Kwajalein expressing the thanks of this headquarters for his cooperation and





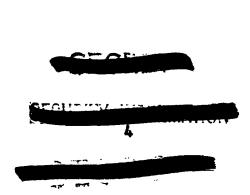
assistance during this visit (A draft letter has been forwarded (through AC of S, J-3) to Gen Clarkson for his signature).

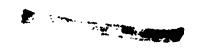
- f. That certain key personnel in the Air Weather Service be invited as official observers or visitors during the course of Operation CASTLE at Eniwetok. It is suggested particularly that MajGen W. O. Senter or BrigGen Thomas S. Moorman, Jr., Cdr and Deputy Cdr of the Air Weather Service and Col James T. Twaddell be invited.
- g. Kany items were discussed and recommendations made concerning them; all were solved on-the-spot with the people concerned.

### Incls:

- 1. Itinerary
- 2. LtCol Glater report on trip to forward area
- 3. Maj Robinson report on Survey trip to Sutlying Leather Islands

C. D. BUNEAT LtCol, USAF





DATE	P	LACE	THE	MODE OF TRAVEL
6 Sep	Dep:	Andrews AFB	<del>090</del> 5	Government Aircraft
•	AFF	Kirtland AFB	1605	
	Dep:	Kirtland AFB	1755	Government Aircraft
	AFT:	Travis AFB	2055	
7 Sep	Dep:	Travis AFB	0050	Government Aircraft
_	AFF	Honolulu TH	1010	
13 Sep	Dep:	Honolulu TH	1600	Government Aircraft
	Arr:	Johnston Island	1900	
	Dept	Johnston Island	2000	Government Aircraft
	_	International Date Line		
15 Sep	Arri	Kwajalein	0340	
	Dep:	Kwajalein	1100	Government Aircraft
	Arr:	Rongerik	1230	
	Dep:	Rongerik	7700	Government Aircraft
	Arr:	Lniwetok II	1530	
18 Sep	Dep:	Eniwetok MI	1200	Government Aircraft
	Arr:	Kwajalein	1415	
19 Sep	Dep:	Krajalein	1400	Government Aircraft
	Arr:	Guan	2230	
24 Sep	Dep:	Guan	0633	Government Aircraft
	Arr:	To!go	1300	
28 Sep	Dep:	Telgo	1315	Government Aircraft
	_	International Date Line		
28 Sep	Arr:	Midway	0545	
	Dep:	Midway	0645	Government Aircraft
	Arr:	Honolulu TH	1415	
1 Oct	Dep:	Honolulu TH	1145	Government Aircrift
2 Oct	Arr:	Travis AFB	0230	
	Dep:	Travis AFB	0230	Government Auto
	Arr:	San Francisco	0430	
	Dep:	San Francisco	0815	Commercial Aircraft
	Arr:	Chicago	1645	
	Dep:	Chicago	1815	Commercial Aircraft
	Arrı	-ashington	2140	

A 10 MARCHAN BURNER