

FROM
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UNITED STATES
ATOMIC ENERGY COMMISSION
NEVADA OPERATIONS OFFICE

P.O. BOX 14100
LAS VEGAS, NEVADA 89114

MAR 20 1969

Classification Cancelled
Or Changed To
By Authority Of *DOC*
By *J. Little* Date *12/1*

Those on Attached List

PLANNING DIRECTIVE, OC-11-3-69, BIKINI CLEAN-UP OPERATION

- Purpose: To identify NVOO's responsibilities in connection with the Bikini Clean-Up Project, which has been approved for execution and has commenced.
- Background. On August 12, 1968, President Johnson announced that certain islands in Bikini Atoll in the Marshall Islands, Trust Territory of the Pacific, were no longer required for the Nation's nuclear test program or for defense purposes and that they were safe for return to civilian uses.

The President requested that the Chairman, AEC, and the Secretary of Defense work with the Secretary of the Interior and the High Commissioner of the Trust Territory in planning a comprehensive resettlement program for Bikini Atoll and assist them in carrying it out.

Pursuant to this request, the DOD and AEC have entered into an agreement for a cooperative program with the Department of Interior for the clean-up of the Bikini Atoll. The clean-up involves the removal of vegetative overgrowth, debris, structures and other materials residual from the use of the atoll for atomic testing which could pose radiation or accident hazards to the population or interfere with their reasonable use of the land.

The full text of this AEC-DOD Memorandum of Understanding is included as Appendix A. The key provisions as they affect NVOO involvement are:

DEPARTMENT OF ENERGY	
1ST REVIEW DATE: <i>6/22/99</i>	DECLASSIFICATION (OTHER AGENCIES)
AUTHORITY: <i>DOC EMBL/ADD</i>	1. CLASSIFICATION (REMAIN):
NAME: <i>W. Schmidt</i>	2. CLASSIFICATION CHANGED TO:
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AUTHORITY: ADD	COORDINATE WITH:
NAME: <i>DC Little</i>	4. CLASSIFICATION CANCELLED
	5. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY):

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2557
with Appendices A+B
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*This material contains information affecting the defense of the United States within the meaning of the espionage laws, Title 18, U. S. C., Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

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- a. The DOD will manage the clean-up utilizing DASA and JTF-8 and its existing organizational relationships with the AEC including Contractor support. The Director, DASA, has been appointed as Project Manager.
 - b. The AEC Contractor (Holmes & Narver, Inc.) will provide planning, engineering and technical staff support and labor for clean-up, as well as camp support operations; CJTF-8 will exercise operational control over the Contractor with Contractor administration performed by the Manager, HAO, for the Manager, NVOO.
 - c. AEC will be responsible for determining that radiological health and safety requirements are met at the completion of this project and that safety plans are approved prior to the beginning of field operations.
 - d. The DOD and AEC will provide \$300K each in FY-1969 for the clean-up. AEC funds shall not exceed this amount in total for the entire clean-up project. \$700K will be forthcoming in FY-1970 from the Department of the Interior.
 - e. The Bikini clean-up will not be permitted to significantly interfere with maintenance of the test readiness posture.
3. NVOO Assignments. Within the AEC-DOD mission assignments as expressed above, NVOO officials are delegated the following responsibilities in support of the clean-up program:
- a. Manager, HAO (W. A. Bonnet): Designated as NVOO Project Officer to work with the CJTF-8 and his designees in the overall planning, estimating and execution of AEC's participation in the program. Responsible directly to the Manager, NVOO, for NVOO operational support activities to CJTF-8 (construction, logistical, communications and others as required) except in areas of radiological safety as identified below. Administers all functions of the Holmes & Narver Pacific Test Division in support of the clean-up effort.

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- b. Chief, Safety Advisory Group, Office of the Test Manager, (F. D. Cluff): Designated as the NVOO Radiological Safety Officer for the Bikini clean-up effort, with responsibility to the Manager, NVOO, for determining that DOD radiological health and safety plans are approved for the AEC prior to the beginning of field operations, and that radiological health and safety requirements for the scrap removal project are met at the completion of the project. He will also be responsible for maintaining surveillance over the radiological clean-up program during its execution as necessary to assure AEC objectives are met, and will advise and assist in on-site radiological program direction in support of the clean-up effort as requested by CJTF-8. The NVOO Radiological Safety Officer will report to the Manager, NVOO, through the Test Manager, but will coordinate closely with the Manager, HAO, on all matters affecting the latter's project support responsibility.
4. Program Reporting. The Project Officer and Radiological Safety Officer are requested to submit reports to the Manager, NVOO, (with copies to the Director, Plans Division) as follows:
 - a. Overall Program Plans. As soon as the clean-up plans are formulated by the Project Manager the above officials are requested to assure that copies are furnished to the Manager, NVOO, and to the Director of Plans Division, NVOO. If any tasks in the overall plans are the responsibility of NVOO, these tasks will be specifically identified. Also, organizational arrangements by which NVOO tasks will be carried out and the time schedule will be identified specifically. The Project Officer is requested to provide cost estimates for the entire clean-up operation as developed by the Project Manager. As the above described plans and/or estimates change during execution of the program updated reports will be submitted.

JTF-8 OPORD 602-69 is included as Appendix B.

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b. Status Reports. Periodic progress reports (at least monthly) are requested from Project Officer and Radiological Safety Officer at appropriate intervals or stages of work. These reports should advise particularly as to status and progress of that portion of the program for which NVOO is responsible. Also, problems in those areas for which NVOO is directly responsible should be identified. On an approximate 30-day frequency, the Director, Plans Division, will prepare from these submissions a report to interested agencies on radiological, health and safety progress in accordance with the provisions of the AEC-DOD Memorandum of Understanding.

5. Funding. The total funding for the clean-up relative to the resettlement program for Bikini Atoll is expected to be \$1.3 million and will be provided as follows:

Atomic Energy Commission (AEC)	\$300,000
Department of Defense (DOD)	300,000
Department of the Interior (DI)	700,000

The AEC/DOD funds will be available in FY-1969 and provided to the Project Manager to begin the task. The Department of the Interior funds will be forthcoming in FY-1970. The AEC cost ceiling of \$300,000 must be incurred by June 30, 1969. The DOD funds of \$300,000 must be obligated by June 30, 1969. The Project Manager will utilize the above cited funds for clean-up of Bikini Atoll including military TDY, travel and other associated costs. The following procedure is established for the funding and costing of this work:

a. AEC funds of \$300,000 are available to Joint Task Force EIGHT (JTF-8) under Purchase Order No. 69-29, dated February 4, 1969. Costs incurred by JTF-8 are to be billed to the AEC's Nevada Operations Office and costed against PO No. 69-29. The AEC's total participation is limited to \$300,000. It is imperative that costs not exceeding this amount be incurred and reported to AEC prior to June 30, 1969.

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- b. DOD funds of \$300,000 are available to the AEC/NVOO by the DOD thru the Division of Military Application (DMA) by Change No. 1 to Purchase Order No. 69-29, dated February 28, 1969. Costs incurred by JTF-8 are to be billed to the AEC's Nevada Operations Office and costed to the DOD reimbursable portion of Purchase Order No. NV 69-29.
 - c. Department of Interior funds of \$700,000 will be authorized in FY-1970 to the AEC/NVOO by the DOD thru DMA. A NV purchase order will be issued to JTF-8 in FY-1970 upon receipt of these funds. Costs incurred by JTF-8 will be billed to the AEC's Nevada Operations Office and costed to the subject Purchase Order.
6. Continuing Safety Programs. The above provisions do not apply to the funding or execution of any long-range AEC program of radiological monitoring or bioenvironmental studies which might be required after certification of clean-up, and which would be carried out outside the provisions of the subject AEC-DOD agreement for clean-up of the atoll.

The NVOO Test Manager is requested to advise the Manager, NVOO, of any NVOO requirements for such a continuing program.


Robert E. Miller
Manager

PDB:KNJ-132

Appendices:

- A. Memorandum of Understanding
Between DMA, AEC, and DASA
DOD, on Clean-Up of Bikini Atoll
- B. Joint Task Force EIGHT Operation
Order 602-69

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J. H. Scott, Org. 9200, Albuquerque, N.Mex.	1

NVOO CONTRACTORS

EG&G:

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F. I. Strabala, Bedford, Mass.	1

Holmes & Narver, Inc.:

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J. T. Holmes, President, Los Angeles, Calif.	1
S. P. Howell, Los Angeles, Calif.	1
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Appendix A

Memorandum of Understanding Between the Division of Military Application, Atomic Energy Commission, and the Defense Atomic Support Agency, Department of Defense on Clean-Up of Bikini Atoll

1. On August 2, 1968, the President requested that the Chairman, Atomic Energy Commission, and the Secretary of Defense work with the Secretary of the Interior and the High Commissioner of the Trust Territory in planning a comprehensive resettlement program for Bikini Atoll and assist them in carrying it out.
2. The Department of Defense (DOD) and the Atomic Energy Commission (AEC) have agreed to cooperate with the Department of Interior in the clean-up of the Bikini Atoll for the return of the native population. The clean-up involves the removal of vegetative overgrowth, debris, structures and other materials residual from the use of the atoll for atomic testing which could pose radiation or accident hazards to the population or interfere with their reasonable use of the land.
3. The DOD will manage the clean-up, utilizing the Defense Atomic Support Agency (DASA) including the Joint Task Force EIGHT (JTF-8) and its existing organizational relationships with the AEC and AEC Contractor support. The JCS have designated the Director, DASA to act as Project Manager and have provided him appropriate instructions. The project will provide a unique opportunity for exercising the readiness capability of JTF-8 in planning and organizing the deployment of men and equipment to undeveloped islands on short notice, at minimum demands upon outside resources, in manner similar to that which would be required in support of the Treaty safeguards if nuclear testing were ordered resumed in the environments prohibited by the Limited Test Ban Treaty.
4. The DOD and the AEC have agreed to provide \$300,000 each in Fiscal Year 1969 for the clean-up. Total AEC funding shall not exceed \$300,000 for the entire project and AEC funds shall not be used to pay costs which accrue subsequent to June 30, 1969. The DOD funds will be available for obligations until June 30, 1969. The DOD/AEC funds (\$600,000) will be made available by the AEC to DASA (Nevada Operations Office to CJTF-8) to provide the Project Manager with financial resources to begin the task. Approximately half of this \$600,000 is attributable

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to the cost of eliminating radiological contamination. Existing DASA-AEC (JTF-8) procedures will be utilized by the Project Manager in providing and accounting for these DOD/AEC funds for payment of the AEC Contractor, and to defray transportation, military travel, per diem, and other associated costs attributable to the task and not included under payments to the Contractor. It is expected that the same procedures will be followed in respect to the \$700,000 expected to be forthcoming in FY-70 from the Department of Interior.

5. The AEC Contractor will provide planning, engineering and technical staff support and labor for clean-up as well as camp support operations and other tasks as determined by the Project Manager. Except for matters pertaining to contract administration, CJTF-8 will exercise operational control over the Contractor. Contract administration will be performed by the AEC Honolulu Area Office.
6. The AEC will be responsible for determining that radiological health and safety requirements are met at the completion of this project. These requirements, as developed in project plans, will be subject to AEC approval prior to the beginning of field operations. AEC will follow the progress made and keep interested agencies informed.
7. The handling and removal of contaminated scrap will be conducted so that exposures to personnel will be within the standards for workers established by the Federal Radiation Council. The Contractor will use Trust Territory Island natives as feasible and as determined between the Project Manager and the Trust Territory Representative. Trust Territory native residents may not be employed in collecting and removing contaminated scrap material.
8. Equipment or other assets available to the AEC and DOD may be used providing this arrangement is in the best interest of the U. S. Government. If mutually agreed between the providing party and the Project Manager, these assets will be made available to the Bikini Clean-Up Project, at no cost other than for transportation, operating, and maintenance charges if required.

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9. The Bikini clean-up will not interfere significantly with maintenance of the test readiness posture.
10. The Director, DASA as Project Manager will act for the AEC in accordance with the provisions of this Memorandum.

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Appendix B

Defense Atomic Support Agency
Joint Task Force EIGHT
Sandia Base
Albuquerque, New Mexico 87115

JTF-8
OPORD 602-69

February 1969

- REFERENCES: a. DASA Msg 690024 PLSP
b. HO Charts 5413, 5800, 6025, 6032
c. DOD-AEC agreement on cleanup of Bikini Atoll
(to be issued)

TASK ORGANIZATION

Cmdr. JTG 8.3	CAPT P. J. Brownlow, USN
Cmdr. JTG 8.5	Mr. W. A. Bonnet
Cmdr. JTG 8.6	LTC C. E. McPhee, USAF
Cmdr. JTG 8.8	COL J. W. Rawlings, USAF

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By Authority Of 52001-R
By [Signature] Date 2/17/72

1. SITUATION

The Department of Defense (DOD) and the Atomic Energy Commission (AEC) have agreed to cooperate with the Department of Interior in the cleanup of the Bikini Atoll for the return of the native population. The cleanup involves the removal of vegetative overgrowth, debris, structures and other materials residual from the use of the atoll for atomic testing which could pose radiation or accident hazards to the population or interfere with their reasonable use of the land. The Director, DASA, has been assigned as Project Manager for the cleanup of Bikini Atoll. JTF-8 has been tasked to execute the cleanup of the atoll.

2. MISSION

To remove material, structures, and debris residual from nuclear testing which represent a radiological or physical hazard to the native population, and removal of vegetation overgrowth inhibiting the development of agriculture.

3. EXECUTION

a. Concept of Operation

JTG 8.8 will move to Bikini in two main echelons. Initial echelon will arrive at Bikini on 18 February aboard USS Belle Grove. Second echelon will

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arrive in early April aboard USS San Joaquin County. Air support missions will begin about 25 February 1969 and continue throughout operation. Cleanup is expected to take about 5 months.

b. Tasks

JTG 8.3

- (1) Arrange and coordinate all support provided by the U. S. Navy.
- (2) Provide Boat Group detachment to OPCON CJTG 8.8 for boat operations at Bikini Atoll.

JTG 8.5

- (1) HAO, AEC will administer contract for contractor support for this operation.
- (2) Arrange for and provide logistic support as directed.

JTG 8.6

- (1) Provide personnel and equipment for JTG 8.8 as directed.

JTG 8.8

- (1) Execute cleanup of Bikini Atoll and return equipment and personnel after operation is completed.
- (2) Assume OPCON of all AEC, DOD, and Holmes & Narver, Inc. elements at Bikini. (Organization Chart - Incl. 1)
- (3) All personnel on Bikini Atoll are subject to direction by CJTG 8.8.

c. Coordinating Instructions

- (1) This order effective on receipt.
- (2) High Commissioner, TTPI, has agreed to provide on-site representative, Mr. Jack Tobin.
- (3) AEC will be responsible that health and safety requirements are met at completion of project.
- (4) AEC will approve planning for health and safety requirements prior to the beginning of field operations.

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(5) Personnel exposure to radiation will be within standards established by the Federal Radiation Council.

(6) Visitors to Bikini Atoll must secure approval of CJTF-8 prior to visits.

(7) FC DASA will provide PIO, NET, and medical personnel under OPCON CJTG 8.8 as requested.

(8) All releases of information to the public concerning the Bikini cleanup will be released as directed by DASA.

4. COMMAND AND SIGNAL

a. Communications (Incl. 2)

E. H. deSaussure
E. H. deSaussure
MG

- 4 Incl. (1) JTG 8.8 Organization
(2) Communications Plan
(3) Rad-Safe Plan
(4) Documentary Photographic Plan

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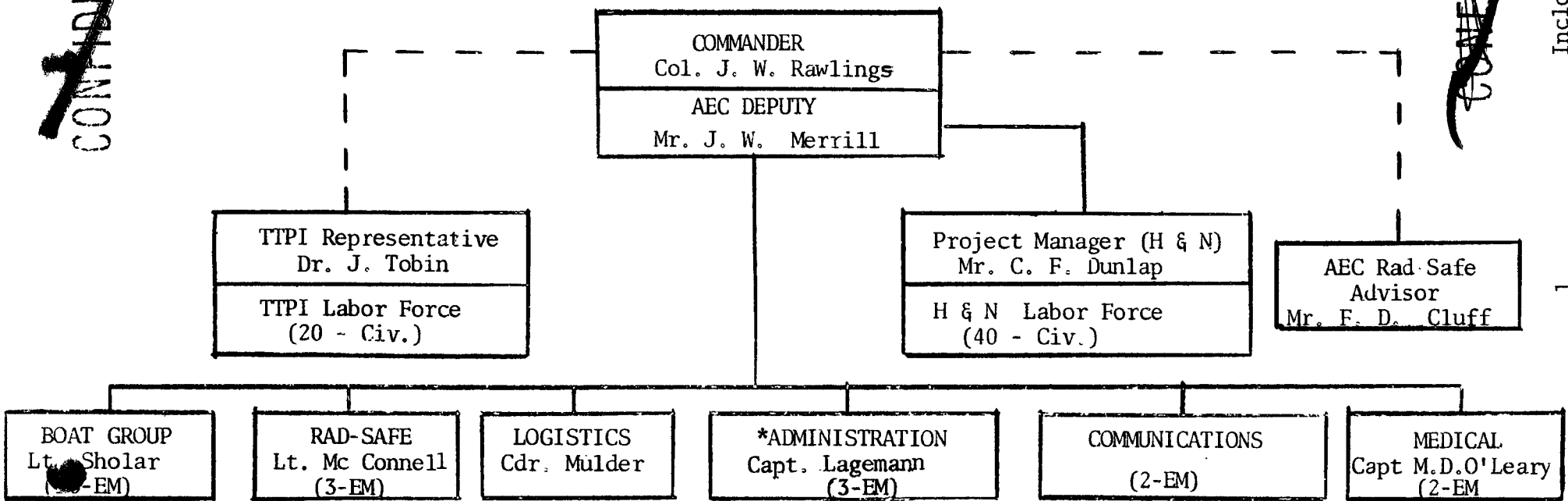
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JOINT TASK GROUP 8.8 ORGANIZATION

Inclosure (1)



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*Includes PIO, Photo & Historical Functions

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COMMUNICATIONS PLAN

1. General: JTF-8 has been assigned the task of cleaning up the Bikini Atoll for the return of the natives. During build up, clean up and roll up phases of this task voice communications will be required to Hawaii, Kwajalein, ground to air and intra atoll. Communications must be accomplished with the absolute minimum numbers of personnel and equipment.

2. Statement of the Situation:

a. Bikini Atoll is located approximately 2200 miles South West of Honolulu, Hawaii, 200 miles North of Kwajalein Atoll and 160 miles East of Eniwetok in the Trust Territory of the South West Pacific Ocean. Communication systems, point-to-point, ground-to-air and intra-atoll, are basic requirements to accomplish the mission assigned CJTF-8. In order that the cost, the logistics, and the numbers of personnel in the task group can be kept to the very minimum, this communications plan will provide what is considered the absolute minimum essential to support the basic plan.

b. ENYU Island located South of Bikini Island has been selected as the base camp site and the location of the communication facility to support the task group. Due to the fact that there are no means of communications to or from the Atoll area, H-F and VHF have been determined as the best method to satisfy the requirement. Communications, except in an emergency, will operate during day-light hours only.

3. Assumptions:

a. Proper frequencies will be available for good circuits.

b. Eniwetok will be able to accept our SSB circuit and will patch it into a DCS voice circuit to Kwajalein.

c. DCA will approve and assign use of DCS voice channel from Eniwetok - Kwajalein to JTF-8.

d. Reliable 110/120 volts 60 cycle electrical current will be available in support of communication equipment.

4. Proposed Method of Accomplishment:

a. The first shipment of equipment to Bikini Atoll (ENYU Island) will contain 3 KWM-2 Transciever's to be assigned as follows:

(1) One at ENYU - Damon Tract circuit to be placed on sloping "V" antenna to be erected by H&N after arrival at the Atoll area.

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(2) One for ENYU-ENIWETOK circuit to be placed on whip antenna furnished by H&N.

(3) One KWM-2 to be used as spare for other two.

b. Air to ground VHF circuit will be established by equipment furnished by AEC. Task Group Commander will operate when aircraft are near or in vicinity of Atoll.

c. In the intra Atoll area a Non-Tactical Radio net will be established using equipment from the AEC "G" net. Equipment presently is in storage in Hawaii.

d. Additional equipment and personnel will be obtained from U.S. Air Force or U.S. Army if communications provided are not sufficient.

e. If ENIWETOK does not have equipment to support Task Group, JTF-8 will furnish one each KWM-2 from Johnston Atoll assets.

5. Tasks:

a. JTF-8/J-6 will obtain through proper channels the frequencies to support this plan.

b. JTF-8/J-6 will arrange with JTG-8.6/J-6 to prepare and place aboard first Navy ship to stop at Johnston Atoll on way to Bikini three KWM-2 Transceivers from storage at Johnston Atoll.

c. AEC/H&N will provide one Communications Technician for the operation of the Bikini/Hawaii circuit and maintenance of all communication equipment supplied for the task group.

d. AEC/H&N will remove equipment from Bikini once mission is completed and return to proper agency.

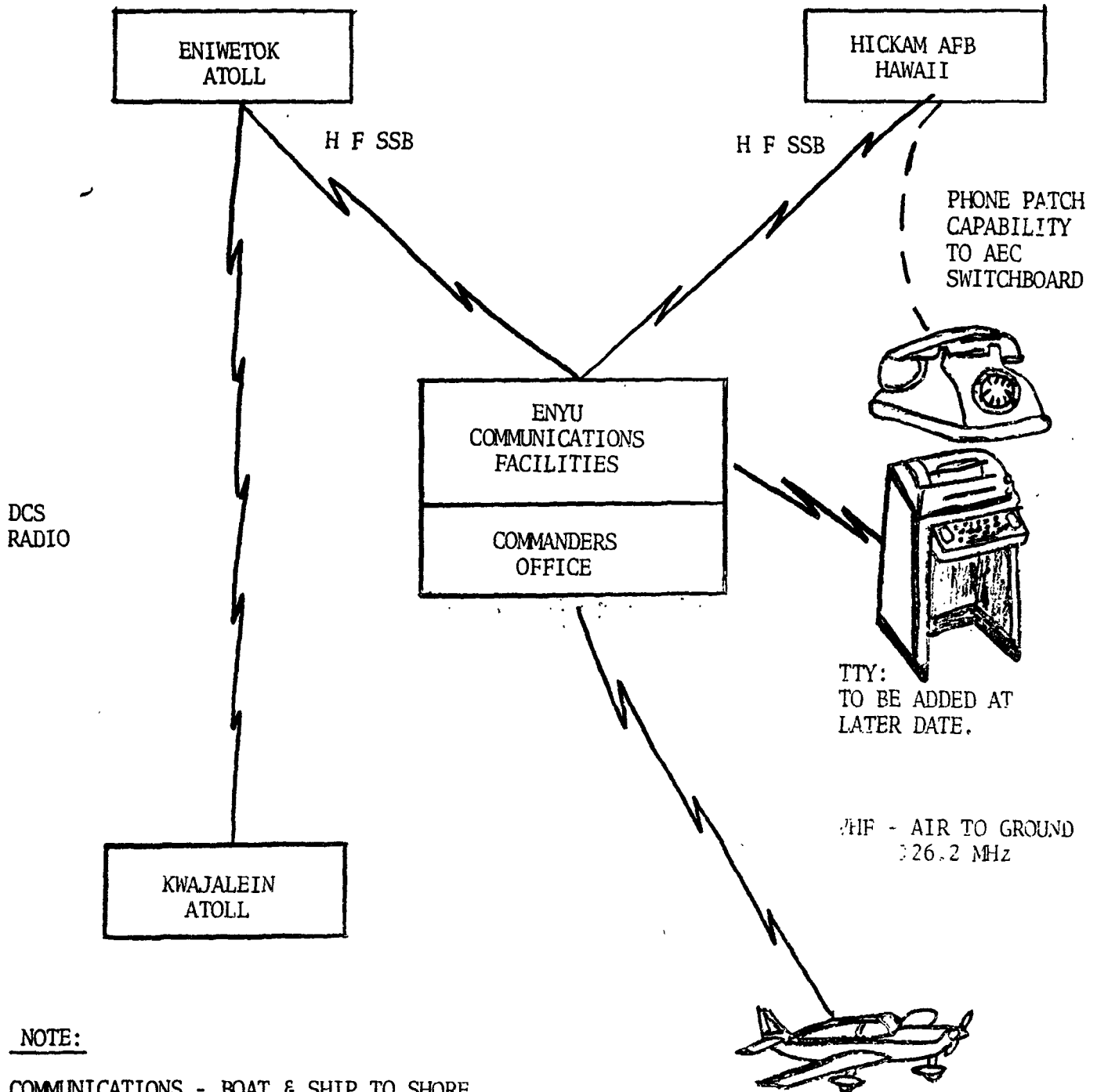
6. Emergency Communication:

(1) JTF-8/J-6 Johnston Atoll will monitor ENYU/HAWAII link and during non-daylight hours will call Hawaii to alert H&N that there is an emergency. H&N will then open up station to receive information. H&N will furnish telephone numbers to be contacted.

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BIKINI COMMUNICATIONS



NOTE:

COMMUNICATIONS - BOAT & SHIP TO SHORE
WILL BE BY NON-TACTICAL RADIOS ON
167.975 MHz AEC "G" NET.
VOICE ONLY AVAILABLE 18 FEBRUARY.
TTY AVAILABLE ABOUT 10 MARCH.

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JOINT TASK FORCE EIGHT
RADIOLOGICAL SAFETY PLAN FOR BIKINI CLEAN-UP

References:

a. Code of Federal Regulations, Title 10, Part 20, "Standards for Protection Against Radiation", dated 9 August 1966.

b. Handbook 59, "Permissible Dose from External Sources of Ionizing Radiation", National Committee on Radiation Protection and Measurements, published by the National Bureau of Standards, September 1954.

c. AEC/DASA Technical Publication 20-5, May 1968.

d. Handbook 69, "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and Water for Occupational Exposure", National Committee on Radiation Protection and Measurements, published by the National Bureau of Standards, August 1963.

1. General. In the restoration of an area formerly used as a site for nuclear testing, radiological support is necessary to insure that no radiological hazard exists or is created by restoration operations.

2. Operations.

Radiological Operations. Radiological operations which may be required are:

- a. Monitoring of items of debris for both alpha and beta-gamma.
- b. Monitoring of air during operations which raise dust.
- c. Monitoring of personnel who participate in clearing and removal operations.
- d. Provision of film badge service and readout capability.
- e. Provision for radiological support and supplies to include instruments, batteries, protective clothing, respirators, and field instrument checks.
- f. Clean-up of the Bikini-Enyu complex to enable continuous occupation of the native population.
- g. Disposal of radioactive scrap and any other radioactive material cleared from the Bikini-Enyu complex and from other islands of the atoll.

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h. Bio/environmental sample collection as required and transmission to the laboratory for analysis.

i. Clean-up support radiological surveys.

3. Radiation Limits.

a. References a and b, which give the acceptable limits for radiation exposure to workers, will apply during the operation. The basic is 5 rem per year, or 1-1/4 rem per quarter. No one worker will receive more than this amount. This shall not apply to Bikini people. Bikini native workers will be considered as individuals in the general population, having an exposure limit of 0.5 rem per year.

b. Plutonium alpha acceptable continuation limits are specified in reference c.

c. Limits for internal exposures and concentrations of specific isotopes will be governed by reference d.

d. The On-Site Commander (CJTG 8.8) will take positive action to insure that no worker receives a dosage exceeding the limiting amounts prescribed by the references.

4. Responsibilities.

a. DOD: JTF-8 will manage the clean-up effort, to include radiological safety support. The DASA Nuclear Emergency Team (DASA NET) will deploy one Officer and three Enlisted Men initially to support the Commander, Joint Task Group 8.8 (CJTG 8.8). This group will be augmented with additional people as needed.

b. AEC: The AEC will be responsible for determining that the radiological health and safety requirements for the scrap removal project at Bikini Atoll are met at the completion of this project. The AEC will provide an advisor for health physics and radiation protection matters. The NVOO Safety Advisory Group will advise CJTG 8.8 during the operation and will make the determination at the close.

5. Safety Procedures.

a. Radiological monitoring and health protection support will be made available for all clean-up operations.

b. Film badges and pencil type dosimeters will be worn by all personnel participating in Bikini Clean-Up.

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- c. As clearing operations provide entry into heavily vegetated area, bio/environmental samples such as vegetation, soil cores and ground water will be taken as appropriate at Bikini Atoll and returned to the laboratory for analysis.
- d. Collection of debris and disposal will be performed by the AEC contractor. Disposal will be in water of sufficient depth such that the scrap material will be unavailable to the returning population.
- e. On Enyu, particular attention during clearing operations will be given to the old aircraft decontamination pad located near the three piers and marked with radiation warning signs. The metal scrap pile will also be monitored closely during removal.
- f. All facilities that are to remain and all sites of former scientific warehouses and docks will be given particular monitoring attention during clean-up.
- g. If during clearing and removal operations, it is determined that working conditions are not safe, work will cease and personnel will be removed from the work location until the CJTG 8.8 makes a decision on procedures to be followed. The On-Site Radiological Safety Officer, and the NVOO Safety Advisor or his representative, will assist the commander in these decisions. Protective clothing and respirators will be available and used when indicated.
- h. Following clearing and scrap removal operations, the AEC will evaluate the results obtained, will review the monitoring and sample analysis data, and will determine what, if any, additional restrictions or precautions may be needed in order to certify that Bikini Atoll is now safe for return of the population. This certification will be provided through the NVOO Safety Advisor.

6. Deployment.

- a. Initial deployment of personnel and equipment will be made from Johnston Atoll on the first sea lift on or about 10 Feb. On-site capability will be established immediately upon landing on the Bikini Atoll.
- b. Deployment of backup elements will be subject to call from CJTG 8.8.
- c. Phasing for deployment to portions of Bikini Atoll other than Bikini and Enyu Islands will be determined on-site.

7. Reporting:

Final Radiological Safety Report will be made to CJTF-8 upon conclusion of Bikini restoration operations. Daily logs of rad-safe operations will be maintained and interim rad-safe reports will be furnished as required.

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DOCUMENTARY PHOTOGRAPHIC PLAN

1. Purpose: To provide still and motion picture coverage of clean-up operations and historical record of completed task for briefing and historical/legal record purposes.

2. Resources:

- a. One military still and motion picture photographer to be provided by COMFAIR HAWAII Photo Laboratory.
- b. Necessary cameras and expendable supplies (Film).
- c. Laboratory processing and printing as required at Barbers Point.

3. Source of Resources:

- a. Funding - JTF-8.
- b. Personnel and Supplies - Fleet Air Photographic Laboratory, Barbers Point Naval Air Station, Oahu, Hawaii. (COMFAIR HAWAII)

4. Operations:

- a. One military photographer will deploy about 7 February 1969 to Johnston Atoll for transport to Bikini Atoll and upon arrival will report to and take direction from Commander, Joint Task Group 8.8.
- b. He will conduct such still and motion picture photographic coverage of clean-up operations and of renovated locations as may be required to adequately document the operations performed and the appearance of the sites when clean-up operations are complete.
- c. Film exposed during the period will be periodically flown to the Photographic Laboratory, Barbers Point Naval Air Station, for processing and assembly until completion of the operation. One full set of prints will be returned to Bikini PIO. The Bikini PIO is authorized to review photographs as they are produced to select those required for public information purposes.
- d. After completion of the operation and roll-up, all original film negatives and 35mm slides, together with record prints and caption data will be forwarded to Headquarters, Joint Task Force EIGHT.
- e. Barbers Point Naval Air Station will estimate costs based on the following level of effort.

(1) 1000 4 X 5 inch negative color sheet film.

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- (2) 250 35mm reversal color slides.
- (3) 1000 4 X 5 inch record color prints of the negative color films.
- (4) Chemicals to process and print above.
- (5) Per diem and travel of one Military Photographer for period of 7 February - 1 September 1969.
- (6) Motion picture film (5000 feet).

f. Upon receipt of the above estimate, Headquarters, JTF-8 will pass funds to Fleet Air Photographic Laboratory COMFAIR HAWAII.

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