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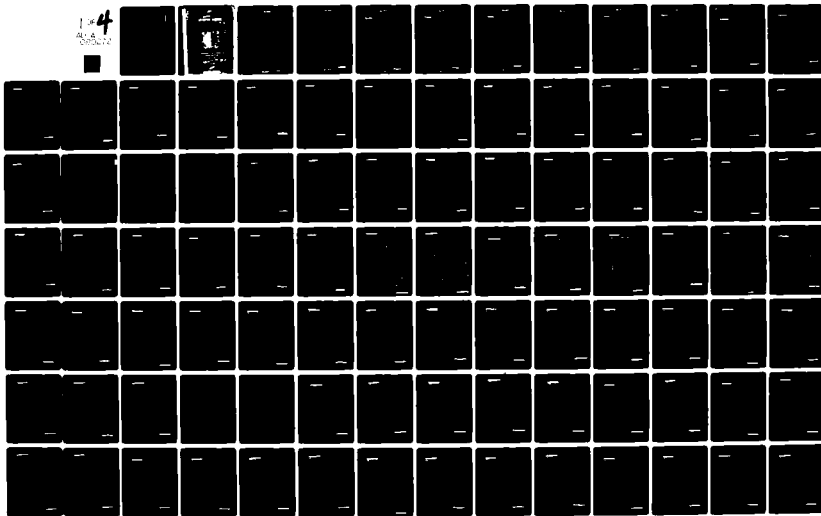
JOINT TASK FORCE SEVEN WASHINGTON DC
OPERATION REDWING COMMANDER TASK GROUP 7.3: OPERATION PLAN NUMB--ETC(U)
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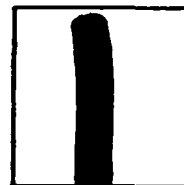
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INVENTORY

OPERATION REDWING
Commander Task Group 7.3
Operation Plan No. 1-56

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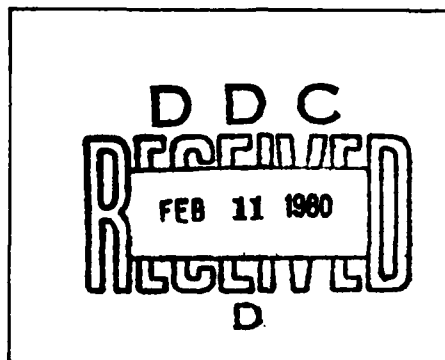
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OPERATION PLANNING

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#106
 Date: 2/1/89
 DOG: 447
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COMMANDER TASK GROUP OPERATION PLAN NO. 1-58

Classification (Controlled) [unclear]

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Statement of
 [unclear]
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TASK GROUP 7.3
FLEET POST OFFICE
SAN FRANCISCO CALIFORNIA

FF3/7.3/10:vb
A4-3(3)
Ser: 0398
24 April 1956

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From: Commander Task Group 7.3
To: Distribution List

Subj: CTG 7.3 Operation Order No. 1-56; change #3

- Encl: (1) ComServPac MidPac Support Schedule #6 - pages C-1-A-1 to C-1-A-2
(2) Cut-Out #1
(3) Cut-Out #2
(4) Cut-Out #3
(5) Radio Circuit Diagrams - pages E-1-D-2 to E-1-D-4
(6) Emergency Evacuation Instructions - pages K-1-E-1 to K-1-E-2

1. It is requested that all holders of CTG 7.3 Operation Order No. 1-56 make the following changes:

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
Contents page Annex C		3	Change "C-1-A-1" to read "C-1-A-1 to C-1-A-2"
Contents page Annex K		8	Change to read "Tab E..... Page K-1-E-1 to K-1-E-2"
2	j		Delete "LCDR H.B. KRUEZFELDT" and substitute "LCDR Charles C. GIBSON"
E-1-4	8b(2)	1	Change figure "5" to "6"
C-1-A-1			Remove present page C-1-A-1 and replace with enclosure (1).
E-2	201(d)		Change "facility" to "facilities" After "ESTES" delete "is" and insert "and BADOENG STRAIT are"

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<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ E-4	410(h)		Before first sentence..... Add phrase "Except where otherwise authorized by CJTF SEVEN,"
✓ E-1-A-1.	Under Channel 1a,1b		Delete sentence "SOPA (Admin) ENIWETOK and SOPA BIKINI will normally exercise net control." and insert "CTG 7.3 will exercise net control when present and SOPA (Admin)/CTG 7.3 Rep ENIWETOK and SOPA (Admin) BIKINI will exercise net control during the absence of CTG 7.3."
✓ E-1-A-1	Under Channel 2a,2b		Delete sentence "Commander Task Group 7.3 Representative ENIWETOK and SOPA BIKINI will exercise net control." and add: "Commander Task Group 7.3 will exercise net control when present and SOPA (Admin)/CTG 7.3 Representative ENIWETOK and SOPA (Admin) BIKINI will exercise net control during the absence of CTG 7.3."
✓ E-1-A-1	Under Channel 3	Sentence two Line 4	Place a period after the word "themselves" and delete the remainder of the sentence.
E-1-A-3	Under Channel 10A;10B	3	Change "and" to a comma. After "Commander Task Group 7.4" delete the paren and add: "and CTG 7.3 Rep PARRY)"
E-1-A-5	Under Channel 21A,21E		Add as second sentence: "When steaming independently, ships will guard in accordance with article 812 of NWIP 16-1."

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<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ E-1-A-6	Channel 32		Add as second sentence: "The twin sideband (Channel 29) will be used on this circuit."
✓ E-1-A-6	Channel 33		Add as second sentence: "This circuit is inactive until further notice unless otherwise directed by competent authority".
✓ E-1-B-1			Index line, column R..... Delete "CDR 3" Index line, column E..... Add "CDR 3" Index line, column L..... Add "T-LST 306 & T-LST 618"
✓ E-1-B-1			Delete Channels 1A through 16A and all entries under Circuit Name and columns A through D. Insert cut-out #1, enclosure (2).
✓ E-1-B-1	Channel 2A Column E		Delete asterik.
✓ E-1-B-2			Delete Channels 16B through 27, and all entries under Circuit Name and columns A through D. Insert cut-out #2, enclosure (3).
✓ E-1-B-3			Delete Channels 28 through 35 in their entirety. Delete NOTES. Insert cut-out #3, enclosure (3) to cover entire page.
✓ E-1-B-4			After "Channel 23" in title, insert "(NOTE 1)"



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<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ E-1-B-4			Add following notes: "NOTE 2 Ships guarding CTG 7.3 circuits using a night (N) and day (D) frequency, and which are so marked in the Annex E Frequency Plan (Tab B to Appendix 1, Radio circuit Plan), will shift at 0600 and 1800 local, daily unless otherwise directed. NOTE 3 Net Control as indicated or to be designated at later date. NOTE 4 To be guarded in accordance with Art. 812 of NWIP 16-1. NOTE 5 Channel 33 is inactive until further notice unless otherwise directed by competent authority."
✓ E-1-D-1			Left hand side, horizontal with diagram....Add title: "TASK GROUP 7.3 BASIC CIRCUIT DIAGRAM" Insert new pages E-1-D-2, E-1-D-3 and E-1-D-4. On subsequent old pages, (E-1-D-2 through E-1-D-5) renumber respectively to read: E-1-D-5, E-1-D-6, E-1-D-7 and E-1-D-8.
✓ E-1-D-5			Left hand side, horizontal with diagram.....Add title: "PRINCIPAL TASK FORCE CIRCUITRY"
✓ E-1-D-6			Left hand side, horizontal with diagram.....Add title: "ON LINE TELETYPE NETWORK"



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[REDACTED]

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ E-1-D-7			Left hand side, horizontal with diagram.....Add title: "MAJOR REDWING VOICE CIRCUITS"
✓ E-1-D-8			Left hand side, horizontal with diagram.....Add title: "INTRA-SHIP AN/TRC CIRCUITS"
✓ E-1-D-8			Under the four "AN/TCC-20 TELETYPE" circuits connecting AGC and AV.....Add Three "AN/TCC-3 VOICE" circuits, (hyphenated intersecting lines) between AGC and AV.
✓ E-2-1			Correct CTG 7.3 Rep "CW Call" to read: "YZMJ JOK3 ANHM"
✓ E-2-6			Correct CTG 7.3 Rep "CW Call" to read: "YZMJ JOK3 ANHM"
✓ E-2-7			Under "CW Calls" Change "A2V3" to "A2U3"
K-1-E-1			Insert pages K-1-E-1 and K-1-E-2, enclosure (5)

H. T. UTTER
Chief of Staff

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(See Page 6)

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CO, USS NAVASOTA (AO-106)	1
CO, USS GENESEE (AOG-8)	1
CO, USS NEMASKET (AOG-10)	1
CO, USS AGAWAM (AOG-6)	1
CO, USS CIMARRON (AO-22)	1
CO, USS KISHWAUKEE (AOG-9)	1
CO, USS NATCHAUG (AOG-54)	1
CO, USS NAMAKAGON (AOG-53)	1
CO, USS SUSSEX (AK-213)	1
CO, USS MERAPI (AF-38)	1

MARINE CORPS ACTIVITIES

CG, FMFPAC	2
CG, AIRFMFPAC	2
CG, THIRD MAW	2
CO, MAG (HR) 36	1
CO, HMR 363	3

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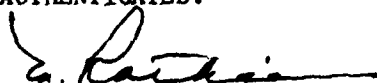
DDO ACTIVITIES

CHIEF, AFSWP	1
COM, FC, AFSWP	1

OTHER ACTIVITIES

DIR, SIO	1
M/V HORIZON	1
DEPUTY FOR SCIENTIFIC MATTERS (CJTF SEVEN)	1

AUTHENTICATED:



M. ROTH LISBERGER
Flag Secretary

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JOINT TASK FORCE 7
Task Group 7.3
Washington 25, D. C.

FF3/7.3/30:re
A4-3(3)
Ser: 0093
29 Feb 1956



From: Commander Task Group 7.3
To: Distribution List

Subj: CTG 7.3 Operation Plan No. 1-56; Change #1

- Encl: (1) Radio Frequency Plan - pages E-1-B-1 to E-1-B-4
- (2) Hazards Resulting from Nuclear Test Operations - page 2-2
- (3) Afloat Facilities - pages K-1-1 to K-1-3
- (4) Scientific Support - pages M-6 to M-7
- (5) Deployment and Routing Plan - page P-1-1

1. It is requested that all holders of CTG 7.3 Operation Plan No. 1-56 make the following changes:

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
- Contents page Annex E		4	Change "E-1-B-1 to E-1-B-3" to read "E-1-B-1 to E-1-B-4"
- Contents page Annex M		1	Delete "M-6" and substitute "M-7"
- Contents page Annex K		2	Add after "Page K-1-1" "to K-1-3"
✓ 1	b.	3	Immediately below "1 CVE" add "1 SNB"
→ 1	c.	6	Delete "YOGN-53" and "1 YOGN" and substitute "YON-182" and "1 YON"
✓ 2	h.	8	Immediately below "1 YFN" add "5 ICU"
- 2	h.	9	Change "5 LCM" to read "4 LCM"
→ 2	h.	11	Delete "2 AVR"
→ 3	(1)	1	Delete "Dr. W. E. OGLE" and substitute "Dr. Gaelen L. FELT (Acting)"



<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ 3	c	1	Delete paragraph c. and substitute the following: "c. <u>Attachments and Detachments.</u> Miscellaneous naval units entering the danger area will report to Commander Task Group 7.3 for OPCON, and are designated as attached units. Known units in this category are the USS MISPELLION (AO-105), USS CIMARRON (AO-22), USS NAVASOTA (AO-106), USS CALIENTE (AO-53), SERVPAC logistic ships, USS WALTON (DE-361), one (1) DE to be designated by COMSEVENTHFLT, and the M/V HORIZON."
✓ 4	(12)	1	Delete paragraph (12) and substitute the following: "(12) If required, provide decontamination crews and facilities for Task Group 7.3 aircraft at ENIWETOK ATOLL. Limited assistance ashore will be furnished by Task Group 7.4 as required.
✓ 5			After paragraph (27) add the following new paragraphs: "(28) Provide radiological aerial reconnaissance service in the vicinity of the task force ships and shot atoll for a period of approximately six (6) hours commencing at H-Hour." "(29) Provide aircraft for special fallout delineator program." "(30) Provide for post-shot aerial radiological survey of the Northern Marshall Islands starting at approximately H plus 6 hours." "(31) Collect lagoon water samples, when and as directed." "(32) Provide water spray equipment aboard all ships likely to be in the fallout area."

██████████
Paragraph
identification

Page on page Line Change

✓ A-2 4 Delete shot schedule in paragraph 4 and first paragraph following and substitute the following new shot schedule:

<u>SHOT</u>	<u>CODE NAME</u>	<u>DATE</u>	<u>LOCATION</u>
1	CHEROKEE	1 May	BIKINI (Nampa)
2	LACROSSE	1 May	ENIWETOK (Off Runit)
3	ZUNI	15 May	BIKINI (Eninman)
4	ERIE	23 May	ENIWETOK (Runit)
5	SEMINOLE	28 May	ENIWETOK (Bogairikk)
6	YUMA	1 June	ENIWETOK (Aomon)
7	FLATHEAD	2 June	BIKINI (Yurochi)
8	BLACKFOOT	7 June	ENIWETOK (Runit)
9	INCA	8 June	ENIWETOK (Rojoru)
10	HURON	12 June	BIKINI (Yurochi)
11	OSAGE	14 June	ENIWETOK Air Drop
12	NAVAJO	18 June	BIKINI (Yurochi)
13	KICKAPOO	18 June	ENIWETOK (Aomon)
14	MOHAWK	1 July	ENIWETOK (Eberiru)
15	APACHE	1 July	BIKINI (Yurochi)
16	DAKOTA	To be announced later	
17	PAWNEE	To be announced later	
18	TEWA	7 July	BIKINI (Yurochi)
19	WYANDOT	To be announced later	

✓ A-3 e Delete paragraph e. and substitute the following:

"e. Except for a firing party on ENYU ISLAND all personnel will be evacuated for all shots in the atoll of BIKINI. For shots at ENIWETOK ATOLL personnel will normally be evacuated to PARRY and ENIWETOK ISLANDS. However, for low yield shots, depending upon weather and other conditions, normal work may continue on specified up-atoll islands at ENIWETOK ATOLL."

✓ B-3-1 5 Under "TU 7.3.2 Utility Unit" delete "YOGN-53" and substitute "YON-182"

✓ C-1 1 5 Delete "YOGN" and substitute "YON"

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓C-2	i	4	Delete the word "ALLINGINAE"
✓C-2	3	7	Delete the word "ALLINGINAE"
✓C-3	e	3	Delete "YOGN" and substitute "YON"
✓C-3	x	1	Change paragraph "x" to read "x. (1)" and add the following: "(2) All task units will provide ships store sales, clothing and shoe repair, and laundry service to all elements of the task force afloat. In those cases where it is necessary for civilian personnel to use clothing and small stores, CTG 7.1 and CTG 7.4, as appropriate, will provide the individual concerned with letter of authorization."
✓C-4	5.a.	3	Delete the word "ALLINGINAE"
✓C-4	5.f.	7	After the word "YAGs" add "and LST"
✓C-5	(7)		Delete paragraph (7) and substitute the following: "(7) Spare tubes, batteries and parts for allowance of radiac instruments should be procured: Tubes and spare parts - 200 percent; special radiac batteries - 400 percent. Batteries should be kept in cold storage (40°F). A limited supply of radiac batteries, tubes and spare parts will be available, on an emergency basis, from the TG 7.3 Radiac Maintenance and Issue Facility aboard the CVE."
✓C-6	(9)	7	Add the following sentence after the word "personnel" "The white tropical uniform will be authorized for officers only."
✓C-6	(12)		Delete paragraph (12) and substitute the following: "(12) Money - Authority is granted for disbursing officers to carry a four (4) month supply of money for own needs and needs of supported units in accordance with Navy Comptroller Manual, Volume 4, paragraph 2002.4."

- | <u>Page</u> | <u>Paragraph identification on page</u> | <u>Line</u> | <u>Change</u> |
|-------------|---|-------------|---|
| ← C-6 | | | After paragraph (12) add the following:
"(13) Treasury checks - A supply of Treasury checks sufficient for the operation should be carried." |
| ← C-6 | 8.a.(2) | | Delete paragraph 8.a.(2) and substitute the following:
"(2) All subordinate commands are required to perform routine maintenance on radiac instruments. Repairs beyond their capacity will be accomplished by the TG 7.3 Radiac Repair and Maintenance Facility aboard the CVE." |
| ← E-7 | a.(3) | 2 | Delete the word "ARD" and substitute "AFDL - 100 ton capacity" |
| ← C-11 | 10.h.(3) | 2 | Delete the last sentence and substitute the following:
"Since no ready means is available to differentiate between the poisonous and non-poisonous species, and since all native products (fish, coconuts, other fruits, etc.) may contain radiation materials in amounts which could be harmful for human consumption, the eating of any native food products is prohibited." |
| ← C-11 | 11.a.(3) | 4 | Delete the number "109" and substitute "107" |
| ← C-12 | (6) | | Delete paragraphs (6)(a) and (6)(b) and substitute the following:
"(a) Afloat POL Storage at ENIWETOK |

<u>TYPE</u>	<u>SHIP OR CRAFT</u>	<u>CAPACITY</u>
MOGAS	LSD-17	6000 GALS
NSFO	YON-182	60,000 BBLs

Page Paragraph
 identification
 on page

Line

Change

(b) Ashore POL - Capacity Tank Farm - ENIWETOK ISLAND

TYPE

CAPACITY

AVGAS 115/145

420,000 GALS

DIESEL

252,000 GALS

MOGAS

126,000 GALS

JP-4

840,000 GALS

(c) In addition to above considerable diesel oil is carried by the LST and the two YAG's. It is available for transfer in emergency only."

✓ C-14 c.(2)

After paragraph c.(2) add the following:

"(14) Funding. See Appendix 3 to Annex C."

✓ C-1-2 4.a.

1 Delete the last sentence and substitute the following:

"The SOPA will schedule at BIKINI. The SOPA (Admin) will schedule at ENIWETOK."

✓ C-1-2 4.b.

1&2 Delete: "YOGN" and substitute "YON"

✓ ~~C-2-1~~ 2.b.

1 Delete the word "or" and substitute a "comma" after the word "California".

✓ C-2-1 2.b.

3 Delete the period after the word "California" and add "or Naval Base, San Diego, California."

✓ C-2-2 3.a.

16,17 Delete the words "will not" and substitute "should also"

✓ C-3-1

Before paragraph 1 add the following:

"Reference: (a) CNO ltr ser 447P36 of 24 March 1953, Subj: Assumptions for Operating Expenses of Atomic Weapons Tests"

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ E-2	e.(1)		Delete paragraph (1)
✓ E-3	202.a.		Delete paragraph 202.a. and substitute the following: <u>"202. Specific Responsibilities</u> a. The highly classified nature of REDWING together with the installation of additional communication equipment, much of which is unfamiliar to Navy personnel, imposes additional responsibilities upon the commanding officer and communication personnel. This requires that particular attention be given to: prevention of unauthorized transmissions over non-secure circuits; security measures for safeguarding crypto material much of which has been recently added to ship's crypto allowances; and intra-ship coordination for the drafting and release of messages."
E-4	h.	4	Delete the word "CONFIDENTIAL" and substitute the word "SECRET".
E-4	j.(1)	4	Delete the word "CONFIDENTIAL" and substitute the word "SECRET".
✓ E-7	461	1	After the last word in line "has" add the word "been"
— E-8	600 a.	4	Beginning with the sentence "Movement reports made" change this sentence to read: "Movement reports made during the periods when the unit is under operational control of Commander Task Group 7.3 will be unclassified."
✓ E-1-A-2	Channel 5	6	Delete the letters "a,b" after the words "Channel 11"
✓ E-1-A-3	Channel 11a,b		Change to read "Channel 11"
✓ E-1-A-3	Channel 11		Delete last sentence

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ E-1-A-5			After "Channel 20e" add the following: "Channel 20f CURTISS-BADOENG STRAIT AN/TRC circuit - consists of one (1) voice circuit which is patched through ESTES switchboard as designated in Channel 20b."
✓ E-1-A-5	Channel 22a,b		Change to read "Channel 22"
✓ E-1-A-5	Channel 22	8	Beginning with the sentence "This circuit is not" change to read as follows: "This circuit is not to be activated unless more than 180 miles from populated areas of the Continental U.S. and Pearl Harbor unless authorized by CTG 7.3."
✓ E-1-A-5	Channel 23a,b		Change to read "Channel 23"
✓ E-1-A-6			After Channel 34 add the following: "Channel 35 Eniwetok Buoy System Back-up (Elmer Switchboard)."
✓ E-1-B-1 to E-1-B-4			Insert enclosure (1) and remove filler page
✓ E-1-B-3			Add Channel "35"; Under circuit name "Eniwetok Buoy System Back-up"; Column A "Ships TX 93.8, Elmer TX 72.2"; Column B&C blank; Column D "J-137"; Column F "G"; Column I "G"; Column J "G"; Column L "G"
✓ E-1-D-1 to E-1-D-5			Delete the word "SECRET" at the top and bottom of each of the five (5) pages and substitute the word "CONFIDENTIAL"
✓ E-2-1	1.a.	20	After "CTU 7.3.2" change spelling of "CHICKSAW" to read "CHICKASAW"
✓ E-2-2	b.	7	Change spelling of "CHICKSAW" to read "CHICKASAW"

FF3/7.3/33:re
A4-3(3)

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ E-2-3	b.	18	In Column 1 delete "YOGN 53"; in column 2 "FATHER TIME 53" substitute "YON 182" and "SLAT 182"
✓ E-2-3	b.	31	Delete "NAVY BOAT POOL DISPATCHER" and substitute "TG 7.3 BOAT POOL BIKINI"
✓ E-2-3	b.	33	Delete "BOAT POOL DISPATCHERS ENIWETOK" substitute "TG 7.5 BOAT POOL DISPATCHER ENIWETOK"
✓ E-2-3	b.		Add in column 1 "TG 7.3 BOAT POOL ENIWETOK" with voice call "RUBBISH"
✓ E-2-5		7	In column 2 delete "BOAT POOL DISPATCHERS ENIWETOK" and substitute "TG 7.5 BOAT POOL DISPATCHER ENIWETOK"
✓ E-2-5		13	In column 1 delete "FATHER TIME 53"; in column 2 delete "YOGN-53"
✓ E-2-5		15	In column 2 change spelling of "CHICKSAW" to read "CHICKASAW"
✓ E-2-6		2	In column 2 delete "NAVY BOAT POOL DISPATCHER" and substitute "TG 7.3 BOAT POOL BIKINI"
✓ E-2-6			After "TG 7.3 BOAT POOL BIKINI" add "TG 7.3 BOAT POOL ENIWETOK" with voice call "RUBBISH"
✓ E-2-6			In column 1 after "SCOUTMASTER NINE" add "SLAT 182" In column 2 after "CTU 7.3.9" add "YON-182"
✓ E-2-8	1.	1	Delete entire paragraph and substitute: "See page G-6-3, paragraph f(3)".
✓ F-4	j.	1	Delete paragraph j. and substitute the following: "j. <u>Badge System.</u> A badge system to control travel of personnel to <u>exclusion</u> and <u>limited</u> areas will be established on 1 April 1956. Instructions for preparation and issue of badges is contained in CTG 7.3 Instruction 05512.1."



<u>Paragraph identification</u>	<u>Page on page</u>	<u>Line</u>	<u>Change</u>
✓ F-5	m.	1	Delete paragraph m. and substitute the following: "m. <u>Photography</u> . Only official photography will be authorized in the operational area. Instructions for control of official photography will be contained in CJTF SEVEN SOP 205-5 to be issued at a later date, and will be promulgated by a Task Group 7.3 Instruction covering this subject."
— G-3	(3)	4	Change "(NWIP 50)" to read "(NWIP 50-1)"
— G-5	(g)	1	Change the first word to read "Designate"
— G-5	(5)(c)	8	After "separately directed" add: "by CJTF SEVEN to include approximate position, altitude and magnitude of radiation encountered."
— G-1-4	12.	1	Delete the words "who are not supplied with protective goggles."
— G-1-4	12.	4	Add the following to paragraph 12: "Personnel using protective goggles (such as bridge personnel or air crews) should also follow this procedure insofar as feasible."
✓ G-1-8	17.e.	1	Delete entire paragraph and substitute the following: "e. In potable water, a continuous level of 5×10^{-3} uc/cc (calculated to H plus 3 days) is considered safe for drinking."
✓ G-1-9	18.e.		After paragraph 18.e. add the following paragraph: "f. The consumption of any native food products (coconuts, fruits, fish, etc.) is prohibited since they may contain radioactive materials."
✓ G-2-1	c.	10	Add to last sentence after the words "and covered by the arms" the following: "It is further recommended that personnel wearing protective glasses follow these protective procedures insofar as their duties permit."





FF3/7.3/30:re
M4-3(3)

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ G-2-2			Remove present page G-2-2 and insert new page G-2-2, enclosure (2). <u>Destroy old page by burning and make letter report of destruction to CTG 7.3.</u>
✓ G-2-3			Change present paragraphs d., e., f., and g. to paragraphs c., d., e., and f.
— G-6-2	2:c.	3	Add to last sentence after the words "a satisfactory test." the following: "Copy of this report is desired by BuShips (Code 588)."
✓ G-6-3	f.(5)		Delete entire paragraph and substitute the following: "(5) Reports will be sent by radio or light to CTG 7.3 with the JTF SEVEN RADLSAFE Office, on the ESTES or PARRY ISLAND, and the TG 7.1 RADLSAFE Center, on the AINSWORTH or PARRY ISLAND, as information addres."
— H-2	b.(1)	1	Delete present heading and substitute the following: <u>"Commander Task Unit 7.3.3 (Surface Patrol and Transport Unit) will:"</u>
— H-2	b.(1)(f)		Delete entire paragraph
— H-2	b.(2)	1	Delete present heading and substitute the following: <u>"Commander Task Element 7.3.7.1 (LSD Element) will:"</u>
✓ H-3	b.(3)	1	Delete present heading and substitute the following: <u>"Commander Task Unit 7.3.8 (Special Devices Unit) will:"</u>
✓ H-3	b.(4)	1	Delete present heading and substitute the following: <u>"Commander Task Unit 7.3.2 (Utility Unit) will:"</u>



[REDACTED]

FF3/7.3/30:re
A4-3(3)

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ H-5	g.		Delete all dates listed in column 2 and substitute the following dates: "2-3 May 28-29 May 7-8 June 13-14 June 26-27 June"
✓ H-7	d.(1)(a)	1	Change "Unit 7.3.7" to read "Element 7.3.7.1"
✓ H-8	(3)(a)	1	Change "Unit 7.3.7" to read "Element 7.3.7.1"
✓ H-9	e.	12	In column 2 change "3" to read "2"
✓ I-3	(1)(d)	1	Change "off" to read "of"
✓ I-3	(2)(e)	1	Change "off" to read "of"
✓ K-4	j.	1	Delete the word "alongside" and substitute "near"
✓ K-1-1			Remove present page K-1-1 and insert new pages K-1-1 to K-1-3, enclosure (3). Destroy old page by burning. Letter report of destruction <u>not required.</u>
✓ M-1	2.a.(1)	1	Delete "Mr. John Isaacs" and substitute "Mr. F. D. Jennings"
✓ M-1	2.b.(1)	1	Delete "Mr. John Isaacs" and substitute the names "Mr. L. W. Kidd and Mr. W. G. Van Horn"
✓ M-6			Remove page M-6 and insert new page M-6 and M-7, enclosure (4). Destroy old page by burning. Letter report of destruction <u>not required.</u>
✓ N-1-1	8.	2	Change the period to a "comma" and add: "as modified by ALPACFLT 78 (Ch.#1)."

[REDACTED]

FF3/7.3/30:re
A4-3(3)

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ N-2-1	j.	2	Change the period to a comma and add the following: "as modified by ALPACFLT 78 (Ch.#1)."
✓ N-2-2			After paragraph r. add the following: "s. Provide for air-to-ground reporting of approximate air radiation intensities encountered by all VP-1 aircraft operating between ENIWETOK and BIKINI from H-Hour to H plus 24 hours."
✓ N-2-B-1	b.(3)	2	Delete the word "encountered" and substitute "concentrated"
✓ N-2-D-1	1.	7	Delete the first five (5) lines under the " <u>Employment</u> " column and substitute with the following: "Guarded continuously while aircraft airborne by all P2V-5 aircraft, VP-1 Base Operations, and Commander Task Group 7.3 on ESTES. P2V-5, Fallout Delineator Aircraft (Project 2.64) are excepted."
✓ N-3-1	(6) CASE B	2	Delete all after the words "or BIKINI ATOLLS:" and substitute the following: "Track the vessel and make report in accordance with Tab A to this appendix."
✓ N-3-5	(5) CASE B	3	Delete all after the words "to clear the Danger Area."
✓ N-3-6	e.(5)	4,5	Place a period after the sentence "Repeat this procedure as necessary" and delete the rest of the paragraph
✓ N-3-A-2	3.	2,3	After the numerals "1955" insert the following: "as modified by ALPACFLT 78 (Ch.#1),"
✓ P-1-1			Remove page P-1-1 and insert new page P-1-1, enclosure (5)

~~SECRET~~

FF3/7.3/30:re
A4-3(3)

<u>Page</u>	<u>Paragraph identification on page</u>	<u>Line</u>	<u>Change</u>
✓ Q-6	f	2	Delete "ENYU ISLAND" and substitute "afloat at BIKINI ATOLL"
✓ Q-1-3	1,2		Delete first two paragraphs concerning "Personnel List"
✓ Q-1-4	Under <u>Required</u>	20	Delete the word "each" and substitute "last"
✓ Q-1-4	Under <u>"References"</u>	12 16 20 24 28	Delete "e." and substitute "f." Delete "f." and substitute "g." Delete "g." and substitute "h." Delete "i." and substitute "j." Delete "j." and substitute "k."

2. Your attention is directed to change page G-2-2, enclosure (2), which requires a letter report of page destruction to Commander Task Group 7.3.

J. H. WELLINGS

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FF3/7.3/30:re
A4-3(3)

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COMPHIBGRUEASTPAC	1	
COMOPDEVFOR	2	
COMFAIRWING 4	2	
CO, NAVSTA KWAJALEIN	2	
CO, NRDL SFRAN	1	
CO, USS ESTES (AGC-12)	7	2
CO, USS CURTISS (AV-4)	5	2
CO, USS BADOENG STRAIT (CVE-116)	5	2
CO, USS CATAMOUNT (LSD-17)	5	2
CO, USS KNUDSON (APD-101)	2	1
COMDESRON THREE	2	
CO, USS JAMES E. KYES (DD-787)	2	1
CO, USS SHELTON (DD-790)	2	1
CO, USS MC GINTY (DE-369)	2	1
CO, USS SILVERSTEIN (DE-534)	2	1
CO, USS SIOUX (ATF-75)	2	1
CO, USS CHICKASAW (ATF-83)	2	1
CO, USS LIPAN (ATF-85)	2	1
CO, USS ABNAKI (ATF-96)	2	1
CO, USS CROOK COUNTY (LST-611)	2	1
CO, PATRON ONE	3	2
OIC, TG 7.3 BOAT POOL, ENIWETOK DETACHMENT	1	
OIC, TG 7.3 BOAT POOL	1	1
OIC, USS GEORGE EASTMAN (YAG-39)	1	1
OIC, USS GRANVILLE S. HALL (YAG-40)	1	1

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* The additional copies of Tab B to Annex E are intended for insertion in the additional copies of Annex E furnished the Communication Officer of the commands listed.


W. D. GEORGE
SCLK, U.S. Navy

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UNCLASSIFIED

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

OPERATION PLAN NO. 1-56 (REDWING)

Chart References: Grids of ENIWETOK and BIKINI, H.O. 6032, H.O. 6033,
H.O. 2009 FC, H.O. 2010 FC, H.O. 2011 FC, H.O. 5203

Task Organization

a. TU 7.3.0 Flagship Unit	CAPT M. W. FIRTH
TE 7.3.0.1 Flagship Element USS ESTES (AGC-12)	1 AGC
TE 7.3.0.2 Escort Element As assigned	
b. TU 7.3.1 Carrier Unit	CAPT J. A. JAAP
TE 7.3.1.1 Carrier Element USS BADOENG STRAIT (CVE-116)	1 CVE <i>1 JNB</i>
TE 7.3.1.2 Helicopter Element HMR-363	15 HRS-1
c. TU 7.3.2 Utility Unit	RADM J. H. WELLINGS
USS SIOUX (ATF-75)	
USS CHICKASAW (ATF-83)	
USS LIPAN (ATF-85)	
USS ABNAKI (ATF-96)	4 ATF
YOGN-53 YON-182	1 YOGN YON
YC-1420	1 YC
YCV-10	1 YCV
d. TU 7.3.3 Surface Patrol and Transport Unit	CAPT H. G. MUNSON
USS KNUDSON (APD-101)	1 APD
USNS T-LST-618	
USNS T-LST-306	2 T-LST
USS JAMES E. KYES (DD-787)	
USS SHELTON (DD-790)	2 DD
USS SILVERSTEIN (DE-534)	
USS MC GINTY (DE-365)	2 DE

OPERATION PLAN NO. 1-56 (REDWING)

- e. TU 7.3.4 Patrol Plane Unit
VP-1 CDR W. J. BOWERS
15 P2V-5
- f. TU 7.3.5 Naval Station Unit
Naval Station KWAJALEIN CAPT P. C. STALEY
- g. TU 7.3.6 Radiological Support Unit
USS GEORGE EASTMAN (YAG-39) CAPT G. G. MOLUMPHY
USS GRANVILLE S. HALL (YAG-40) 2 YAG
USS CROOK COUNTY (LST-611) 1 LST
- h. TU 7.3.7 Boat Pool Unit RADM J. H. WELLINGS
- TE 7.3.7.1 LSD Element
USS CATAMOUNT (LSD-17) 1 LSD
- TE 7.3.7.2 Boat Pool Element
BIKINI 19 LCM
1 LCPL
2 LCPR
2 24' personnel boats
1 YFN
~~2 AV~~
- TE 7.3.7.3 Boat Pool Element
ENIWETOK ~~4~~ 5 LCM
2 LCPL
~~2 AV~~
- i. TU 7.3.8 Special Devices Unit CAPT B. L. BAILEY
- TE 7.3.8.1 Special Devices
Transport Element
USS CURTISS (AV-4) 1 AV
- TE 7.3.8.2 Escort Element
As assigned
- j. TU 7.3.9 Accommodation Ship Unit MASTER HARRELL CLIFFORD
USNS AINSWORTH (T-AP-181) CO, MILDEPT, LCDR H. B.
~~KRISTEFELDT~~ LCDR Chas. C. Gibson
1 T-AP (293)

1. Situation

- a. Enemy Forces. No overt enemy forces are anticipated. Intelligence estimate of covert or subversive capabilities as in Annex F.

OPERATION PLAN NO. 1-56 (REDWING)

- b. Friendly Forces. Joint Task Force SEVEN is commanded by Rear Admiral B. Hall HANLON, USN. Commander Joint Task Force SEVEN has been directed by decision of the Joint Chiefs of Staff to prepare for and conduct Operation REDWING. Joint Task Force SEVEN is organized into five (5) task groups as follows:

- | | |
|--|---|
| (1) Task Group 7.1 (Scientific) | <i>Garden L. Felt (Acting)</i>
Dr. W. E. OGLE, IASL |
| (2) Task Group 7.2 (Army) | COL ROGER LILLY, USA |
| (3) Task Group 7.3 (Navy) | RADM J. H. WELLINGS, USN |
| (4) Task Group 7.4 (Air Force) | COL J. S. SAMUEL, USAF |
| (5) Task Group 7.5 (AEC Base Facilities) | MR. JAMES E. REEVES, AEC |

*See
change #1*

Attachments and Detachments. Promulgated by separate annex and/or message change as occurring.

- d. Assumptions. The U.S. Atomic Energy Commission (AEC) has scheduled a test series of atomic weapons and devices at the Pacific Proving Ground (PPG) in the Spring of 1956. This test series, known as Operation REDWING, will consist of approximately sixteen (16) detonations. The first shot is scheduled for 1 May 1956, and it is anticipated that the last detonation will occur not later than 15 August 1956. This plan covers the operational phase which will begin with the deployment of major elements of Joint Task Force SEVEN to the Pacific Proving Ground.

2. Mission. The broad mission of Task Group 7.3 is to provide the necessary naval support, including an evacuation capability, required by Joint Task Force SEVEN.

3. Execution

- a. Tasks assigned Task Group 7.3:

- (1) As directed by CJTF SEVEN, prepare for and conduct the movement of weapons and device components from the west coast to the PPG aboard the USS CURTISS (AV-4)
- (2) Conduct security and safety patrols as required by CINCPACFLT and CJTF SEVEN.

OPERATION PLAN NO. 1-56 (REDWING)

- (3) Coordinate with Commander Task Group 7.4 the conduct of AOC and CIC radar equipment and communication checks before February 1956.
- (4) Upon commencement of the on-site phase, assume responsibility for providing an inter-atoll surface transportation system to support joint task force elements in the forward area. Provide boat pools at ENIWETOK and BIKINI to augment existing intra-atoll surface transportation.
- (5) Assist in cargo handling operations at BIKINI as required.
- (6) Coordinate with Commander Task Group 7.5 at BIKINI and Commander Task Group 7.2 and Commander Task Group 7.5 at ENIWETOK for control of harbor operations at ENIWETOK and BIKINI.
- (7) As directed, transport the experimental devices and the necessary barges and associated personnel between and within ENIWETOK and BIKINI ATOLLS. Conduct rehearsals of this activity as required.
- (8) Provide suitable escort when transporting experimental devices between atolls.
- (9) Operate a ship-to-shore and inter-island helicopter lift system at BIKINI to support pre-shot operations and post-shot flights for damage survey and recovery of scientific data. Be prepared to assist Commander Task Group 7.4 in the conduct of this activity at ENIWETOK.
- (10) Provide space on the CVE and the T-AP as required by Task Group 7.1 for a radlsafe operation center, a mobile radio-chemical laboratory, a photodosimetry laboratory and the associated operations of the radiological safety unit of Task Group 7.1.
- (11) Be responsible for decontamination of all aircraft at BIKINI.
- (12) *See change w/* ~~If required, provide decontamination crews and facilities for Task Group 7.3 aircraft at ENIWETOK ATOLL, under supervision of Task Group 7.4 decontamination officer.~~
- (13) Provide shipboard facilities to house the joint task force while afloat at BIKINI during those shots requiring pre-shot evacuation of personnel from the atoll in accordance with evacuation plans to be published separately.

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- (14) Provide capability for emergency post-shot evacuation of personnel in those instances where pre-shot evacuation has not been conducted. Detailed plans will be published separately.
- (15) With facilities available, be prepared to provide alternate emergency communications channels for the joint task force.
- (16) Provide for radiological safety of embarked task force personnel during periods the joint task force is afloat.
- (17) When directed before each shot, patrol the significant sector to detect any surface shipping.
- (18) Be prepared to assist in conducting sample return operations by ferrying samples from BIKINI to ENIWETOK as required.
- (19) Assist in positioning and mooring barges involved in the scientific program as directed.
- (20) Assist Task Group 7.1 to place and recover floating devices for pressure and fallout measurements.
- (21) Assist Commander Task Group 7.4 in search and rescue operations as required.
- (22) Assist in collection of scientific data.
- (23) Provide shipboard assembly facilities in CURTISS for experimental devices and accommodations for Commander Task Group 7.1.
- (24) Provide command, communication, and cryptographic facilities for CJTF SEVEN and Staff afloat.
- (25) Provide facilities for the Task Force Weather Central and communication security monitoring personnel.
- (26) Assume responsibility for proper positioning and adequacy of navigational aids and mooring facilities at ENIWETOK and BIKINI.
- (27) Assist Task Group 7.4 in emergency evacuation, rotation of personnel and resupply of weather islands and outlying stations as required.

*Change #1 -
Pages. 28-32 added*

OPERATION PLAN NO. 1-56 (REDWING)

b. Tasks assigned subordinate units.

(1) Commander Flagship Unit shall:

- (a) Provide shipboard accommodation, command, control, and communication facilities for the Task Group Commander and his staff.
- (b) Provide shipboard accommodation, command, control, and communication facilities for the Commander Joint Task Force SEVEN when embarked.
- (c) Provide command, control, and communication facilities for Commander Task Group 7.4 when embarked or when required.
- (d) Operate as directed by the Task Group Commander.

(2) Commander Carrier Unit shall:

- (a) Operate as directed by the Task Group Commander.
- (b) Operate TV station as directed by the Task Group Commander.
- (c) When directed, act as SOPA (Administrative) for BIKINI ATOLL.
- (d) Furnish required berthing and support to Commander Helicopter Element. Coordinate and control operations of helicopter element to insure maximum efficiency in operation.

1. Commander Helicopter Element shall:

- a. Operate helicopter airlift in accordance with Annex J.

(3) Commander Utility Unit shall:

- (a) Provide services required by the joint task force.

(4) Commander Surface Patrol and Transport Unit shall:

- (a) Provide surface lift of passengers and material as required by the joint task force.

[REDACTED]

OPERATION PLAN NO. 1-56 (REDWING)

- (b) Provide surface escorts and plane guards as directed.
 - (c) Conduct search as directed of designated areas.
 - (d) Detect, warn, and escort out of the Danger Area any unauthorized craft.
 - (e) Operate surface inter-atoll transportation of light freight and passengers as required.
 - (f) Assist in collection of scientific data as directed.
- (5) Commander Patrol Plane Unit shall:
- (a) Conduct search as directed of designated areas.
 - (b) Detect, warn, and escort out of the Danger Area any unauthorized craft.
 - (c) Assist in collection of scientific data as required.
 - (d) Provide SAR services as requested by Commander Task Group 7.3 to support Commander Task Group 7.4.
- (6) Commander Naval Station Unit shall:
- (a) Provide support for VP-1 aircraft, CJTF SEVEN R5D, Air Force sampling aircraft and itinerant Air Force and Naval aircraft as directed.
 - (b) Provide available logistic support to other units of the task group and joint task force as directed. See Annexes C and D.
 - (c) Coordinate SAR operations as required.
- (7) Commander Radiological Support Unit shall:
- (a) Operate as necessary in collection of required data and conduct of tests.
 - (b) Furnish required technical advice to ships in connection with installation and operation of water washdown systems and other decontamination procedures.

OPERATION PLAN NO. 1-56 (REDWING)

(8) Commander Boat Pool Unit shall:

(a) Operate task elements as required to carry out assigned tasks.

1. Commander LSD Element shall:

a. Furnish support to the boat pool personnel and boats.

b. Conduct inter-atoll lifts of heavy equipment as required.

c. Support scientific projects as required.

2. Commander Boat Pool Elements shall:

a. Operate Task Group 7.3 Boat Pool as directed in accordance with the needs of the joint task force. (See Annex H).

(9) Commander Special Devices Unit shall:

(a) Transport special devices from continental U.S. to the Pacific Proving Ground.

(b) Furnish command, control, and communication facilities and accommodations to Commander Task Group 7.1.

(10) Commander Accommodation Ship Unit shall:

(a) Provide accommodation and communication facilities for authorized joint task force personnel.

(11) All Units shall:

(a) Provide for radiological safety of all embarked task force personnel.

(b) Be prepared to provide emergency post-shot evacuation of all personnel.

(c) Assist Commander Task Group 7.3 as required in maintenance of recreation facilities.

(d) Exercise maximum economy consistent with effective performance.

OPERATION PLAN NO. 1-56 (REDWING)

- (e) Base at BIKINI, ENIWETOK or KWAJALEIN as directed.
- (f) Provide support for and conduct scientific projects as may be assigned.
- (g) Carry out instructions contained in annexes to this Operation Plan pertinent to assigned tasks.

4. Administration and Logistics

- a. As in Annexes C and Q.

5. Command and Signal

- a. This Operation Plan is effective for planning purposes upon receipt and for operations as Operation Order 1-56 on reporting to Commander Task Group 7.3 for operational control.
- b. Use time zone MIKE (-12) in forward area.
- c. Commander Task Group 7.3 in USS ESTES (AGC-12). Captain M. W. FIRTH, USN, USS ESTES (AGC-12) second in command.
- d. Communications in accordance with Annex E.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

ANNEXES:

- A - Concept of Operation
 - Appendix 1 - Map of ENIWETOK ATOLL
 - Appendix 2 - Map of BIKINI ATOLL
- B - Organization and Command Relationships
 - Appendix 1 - Organization of JTF SEVEN for REDWING
 - Appendix 2 - Organization of Staff, CTG 7.3
 - Tab A - Instructions for CTG 7.3 Representative ENIWETOK and SOPA (Admin) ENIWETOK
 - Appendix 3 - Organization of Task Group 7.3
- C - Logistical Plan
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OPERATION PLAN NO. 1-56 (REDWING)

- D - Search and Rescue Plan
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 - Appendix 4 - Employment of Water Washdown Systems & other Counter-measures
 - Appendix 5 - Decontamination Procedures
 - Appendix 6 - Radiological Safety Reports
 - Appendix 7 - Radiological Safety Office and Center
- H - Surface Transportation and Boat Pool
 - Appendix 1 - Small Craft Operation Report
- I - Typhoon and Heavy Weather Plan
- J - Helicopter Airlift
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 - Appendix 1 - Recapitulation of Naval Support for Project Participation
- N - Patrol and Escort Plan
 - Appendix 1 - Surface Patrol Instructions
 - Tab A - ENIWETOK Patrol Sectors
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 - Appendix 3 - Contact Identification and Development Procedure
 - Tab A - Reports
- O - Navigation
- P - Deployment Plan
 - Appendix 1 - Deployment and Routing Plan (to be issued later)
- Q - Administrative Plan
 - Appendix 1 - Reports Required by CTG 7.3

OPERATION PLAN NO. 1-56 (REDWING)

DISTRIBUTION LIST

<u>JTF SEVEN Activities</u>	<u>No. of Copies</u>	<u>Copy No.</u>
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CJTF SEVEN DEPUTY FOR ARMY	1	13
CTG 7.1	5	14-18
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 <u>NAVY Activities</u>		
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COM 11	2	51-52
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COMSTS	1	56
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COMSTSPACAREA (3) (FOR: MASTER, FRED C. AINSWORTH (T-AP-181) MASTER, USNS T-LST-306 MASTER, USNS T-LST-618		59 60 61
COMSUBPAC	2	62-63
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ARMY Activities

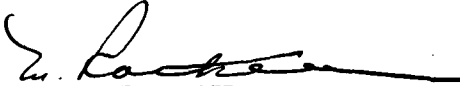
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M. ROTH LISBERGER
LCDR, U. S. Navy
Flag Secretary

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Annex A to CTG 7.3 Operation Plan No. 1-56
CONCEPT OF OPERATION

1. General. This Operation Plan is issued in support of CJTF SEVEN Operation Plan 1-56. Operation REDWING will be a series of atomic tests to be conducted in the Pacific Proving Ground during the summer of 1956 by the entire joint task force. These tests will consist of detonations at BIKINI and ENIWETOK ATOLLS. All task groups of the joint task force must be prepared to support the operation to the utmost.
2. Phases. Operation REDWING is conceived generally to be completed in two phases.
 - a. Preparatory or build up phase.
 - b. Operational phase, including roll-up.

The build up phase has been essentially completed. The operational phase will commence with the deployment of the first units to the Pacific Proving Ground, and continue until units are chopped to their normal commanders.

3. Mission. The support mission of Task Group 7.3 can be further defined into several fields:
 - a. Housekeeping - provision of accommodations for designated personnel of other task groups; provision of working spaces for project personnel; laboratory space; such storage for special devices as may be required afloat; and related items.
 - b. Transportation - of personnel and light freight inter atoll by APD; of barges and heavy equipment inter atoll by LSD; of personnel between ships and inter island by helicopter or by boat.
 - c. Scientific support - collection of data with special equipment installed on various ships and with equipment issued to ships; furnishing of routine and special weather reports as required.

Annex A to CTG 7.3 Operation Plan No. 1-56
CONCEPT OF OPERATION

- d. Security and Safety - patrols, surface and air, of danger area and clearing of this area prior to shots.
- e. Evacuation - all ships must maintain a capability to evacuate all personnel from either atoll if the situation should demand such action.

4. Schedule of shots. Current schedule of shots is as follows:

<u>SHOT</u>	<u>CODE NAME</u>	<u>DATE</u>	<u>LOCATION</u>
1	CHEROKEE	1 May	BIKINI (Namu)
2	LACROSSE	1 May	ENIWETOK (Off Runit)
3	INCA	1 May	ENIWETOK (Rojoru)
4	YUMA	8 May	ENIWETOK (Aoman)
5	ZUNI	15 May	BIKINI (Eninman)
6	KICKAPOO	18 May	ENIWETOK (Aoman)
7	ERIE	23 May	ENIWETOK (Runit)
8	SEMINOLE	28 May	ENIWETOK (Bogairikk)
9	FLATHEAD	2 Jun	BIKINI (Yurochi)
10	BLACKFOOT	7 Jun	ENIWETOK (Runit)
11	MOHAWK	8 Jun	ENIWETOK (Eberiru)
12	HURON	12 Jun	BIKINI (Yurochi)
13	OSAGE	14 Jun	ENIWETOK (Runit)
14	NAVAJO	18 Jun	BIKINI (Yurochi)
15	APACHE	1 Jul	BIKINI (Yurochi)

See Change #1

~~LACROSSE may be repeated as PAWNEE, depending on performance, at ENIWETOK at a date to be determined later.~~

It cannot be too emphatically stated that the shot schedule is not and cannot be firm. A great many variable factors such as weather, state of preparation, disposition of test array, assurance that danger area is clear, and others, must be resolved into a single complex pattern for each shot. Further, this final required pattern will be different for each shot. Therefore, delays will be experienced, possibly up to minutes before scheduled detonation. As a result of these delays it is possible that the last shot may not be detonated until about 15 August.

Annex A to CTG 7.3 Operation Plan No. 1-56
CONCEPT OF OPERATION

Commanding officers must take early cognizance of the fact that delays in schedule are a tremendous factor in increasing restiveness and lowering morale. Prompt and effective remedial measures must be taken to offset these reactions as completely as possible.

5. Naval Operations

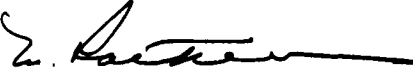
- a. The main Navy effort will be concentrated in the BIKINI area except for the patrol planes which will be based at KWAJALEIN with individual ships rotated to ENIWETOK for upkeep and recreation on an available basis.
- b. It is anticipated that ships required to do extensive steaming will be scheduled for upkeep when operations permit. These periods will be promulgated as far in advance as possible to allow timely planning. The possibility of last minute changes required by change of shot times should be borne in mind.
- c. For ships in port, recreational facilities may be utilized in accordance with Annex Q and appropriate SOPA instructions.
- d. Rapid and reliable communications are mandatory during the entire operation. Ship's cryptoboards should be thoroughly trained in advance and the provisions of Annex E rigidly adhered to.
- e. As a matter of routine, personnel on BIKINI ATOLL will be evacuated to ships for all BIKINI shots, with the possible exception of a small scientific firing party on ENYU (NAN). Personnel on ENIWETOK ATOLL will be evacuated from the northern ENIWETOK ATOLL ISLANDS to PARRY and ENIWETOK prior to ENIWETOK shots.

*See
Change
#1*

J. H. WELLINGS
Rear Admiral, U. S. Navy
Commander

APPENDICES:

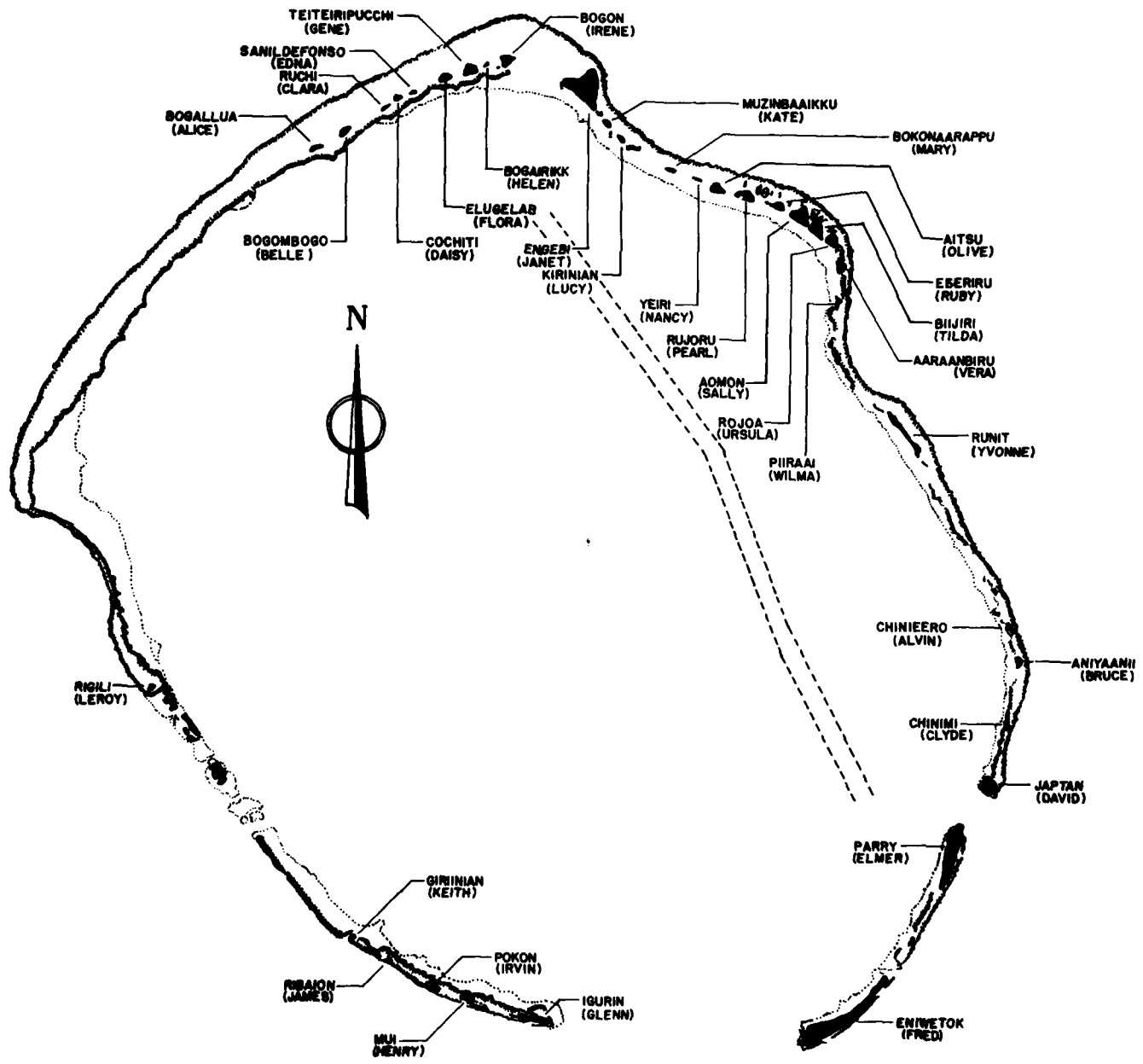
- 1 - Map of ENIWETOK ATOLL
- 2 - Map of BIKINI ATOLL


M. ROTH LISBERGER
LCDR, U. S. Navy
Flag Secretary

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Appendix 1 to Annex A, Concept of Operation
MAP OF ENIWETOK ATOLL

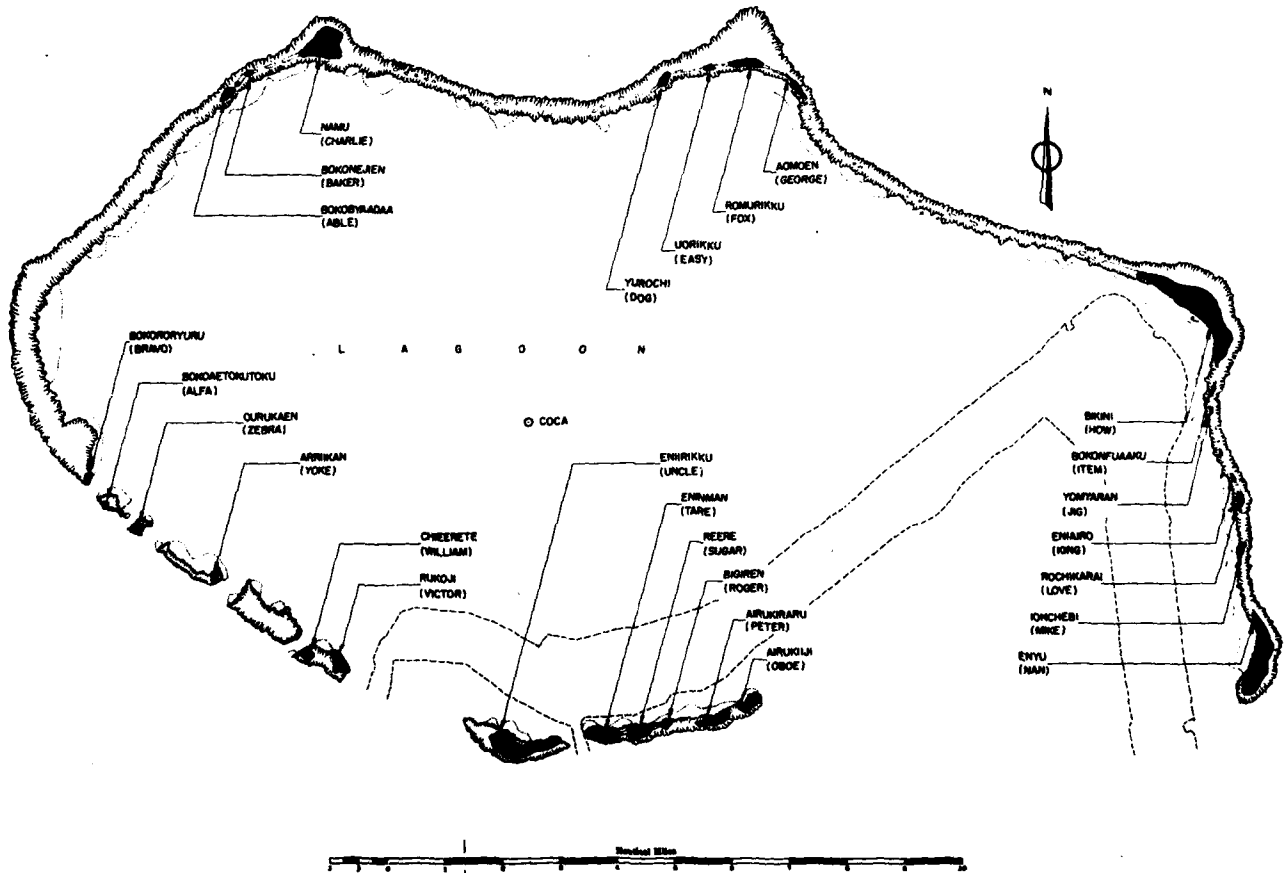
MAP OF ENIWETOK ATOLL



Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
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Appendix 2 to Annex A, Concept of Operation
MAP OF BIKINI ATOLL

MAP OF BIKINI ATOLL



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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
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Annex B to CTG 7.3 Operation Plan No. 1-56
ORGANIZATION AND COMMAND RELATIONSHIPS

The Organization and Command Relationships of Joint Task Force SEVEN and Task Group 7.3 are shown on the charts attached.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

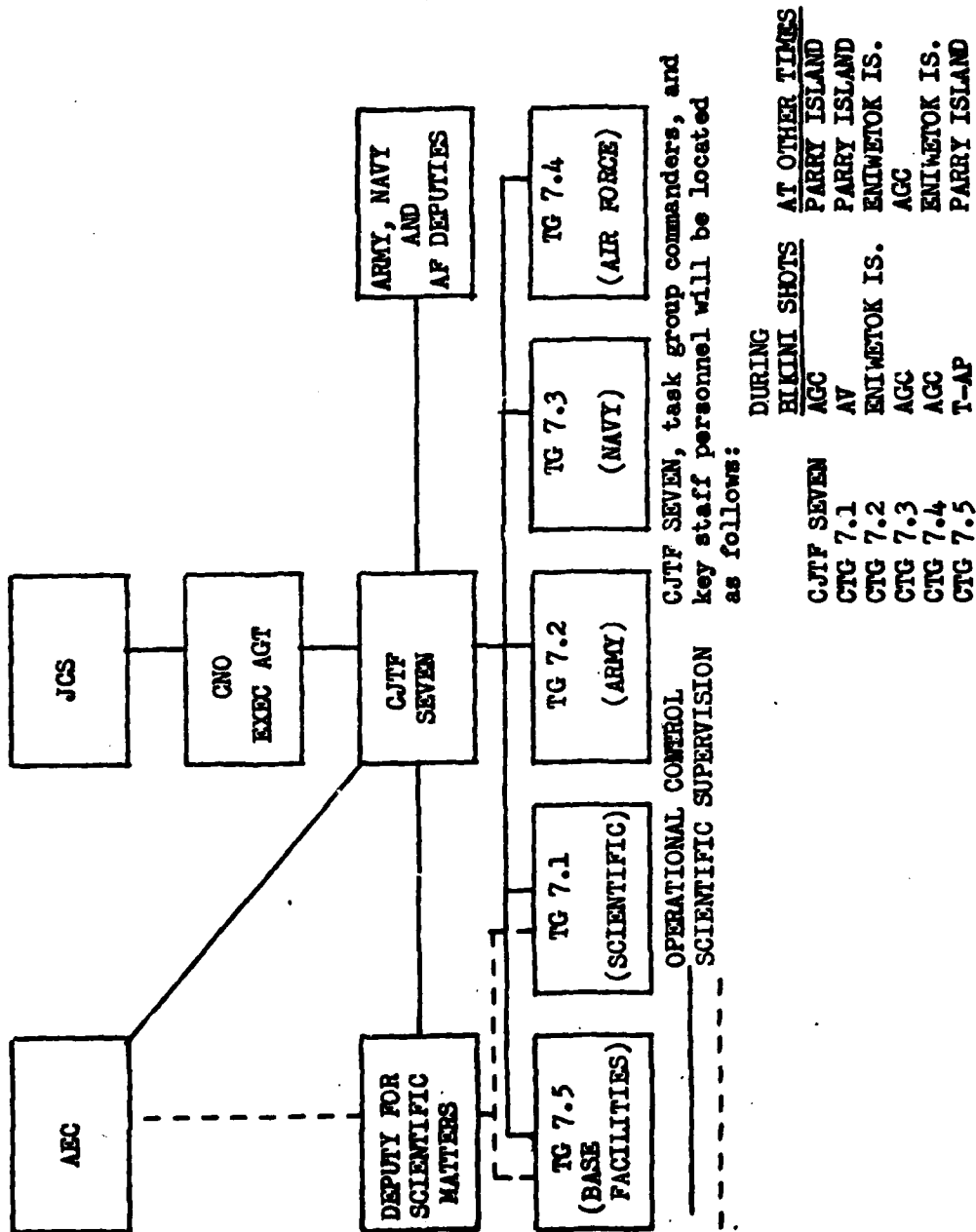
APPENDICES:

- 1 - Organization of Joint Task Force SEVEN for REDWING
- 2 - Organization of Staff, Commander Task Group 7.3
 Tab A - Instructions for Task Group 7.3 Representative ENIWETOK
 and SOPA (Admin) ENIWETOK
- 3 - Organization of Task Group 7.3


M. ROTH LIS BERGER
LCDR, U. S. Navy
Flag Secretary

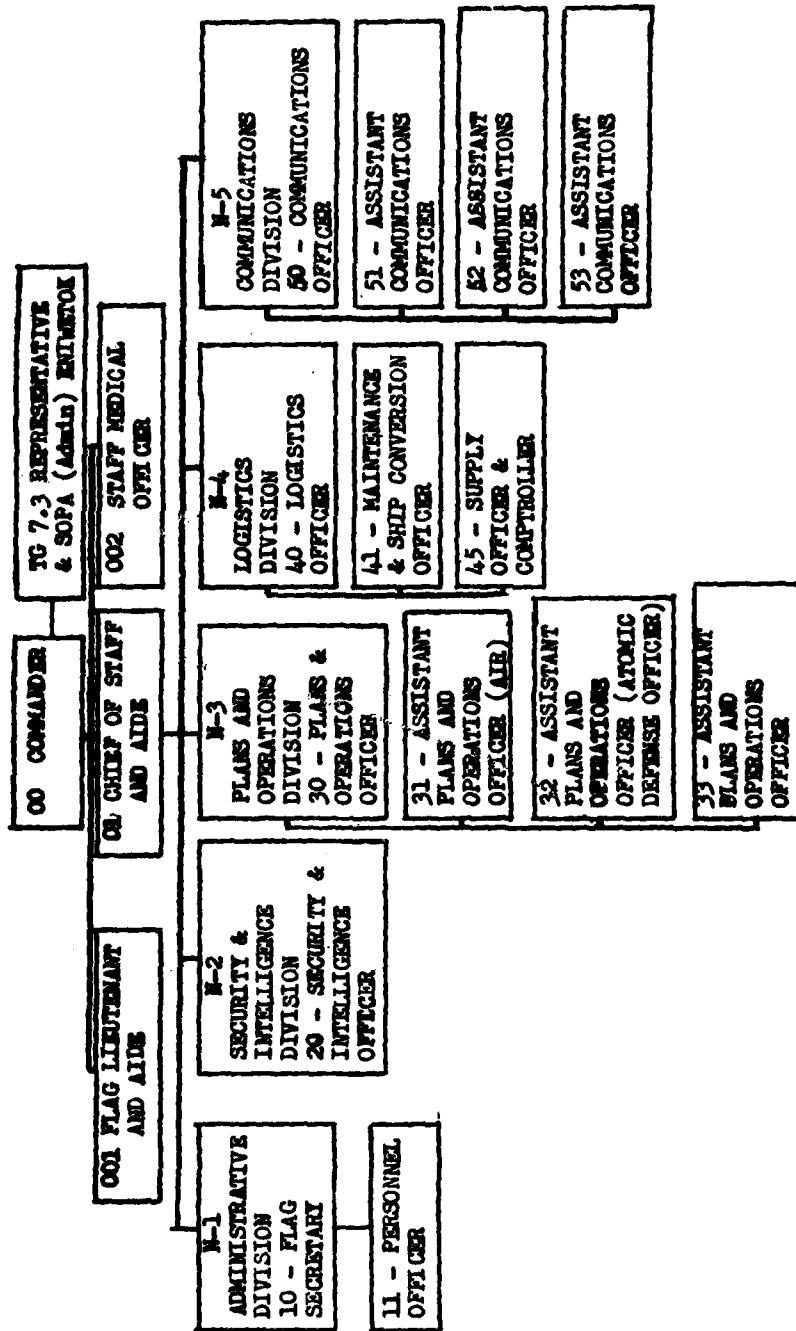
Joint Task Force SEVEN
 Task Group 7.3
 Washington 25, D. C.
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Appendix 1 to Annex B, Organization and Command Relationships
ORGANIZATION OF JTF SEVEN FOR REDWING



Joint Task Force SEVEN
 Task Group 7.3
 Washington 25, D. C.
 24 January 1956; 1000R

Appendix 2 to Annex B, Organization & Command Relationships
 ORGANIZATION OF STAFF, COMMANDER TASK GROUP 7.3



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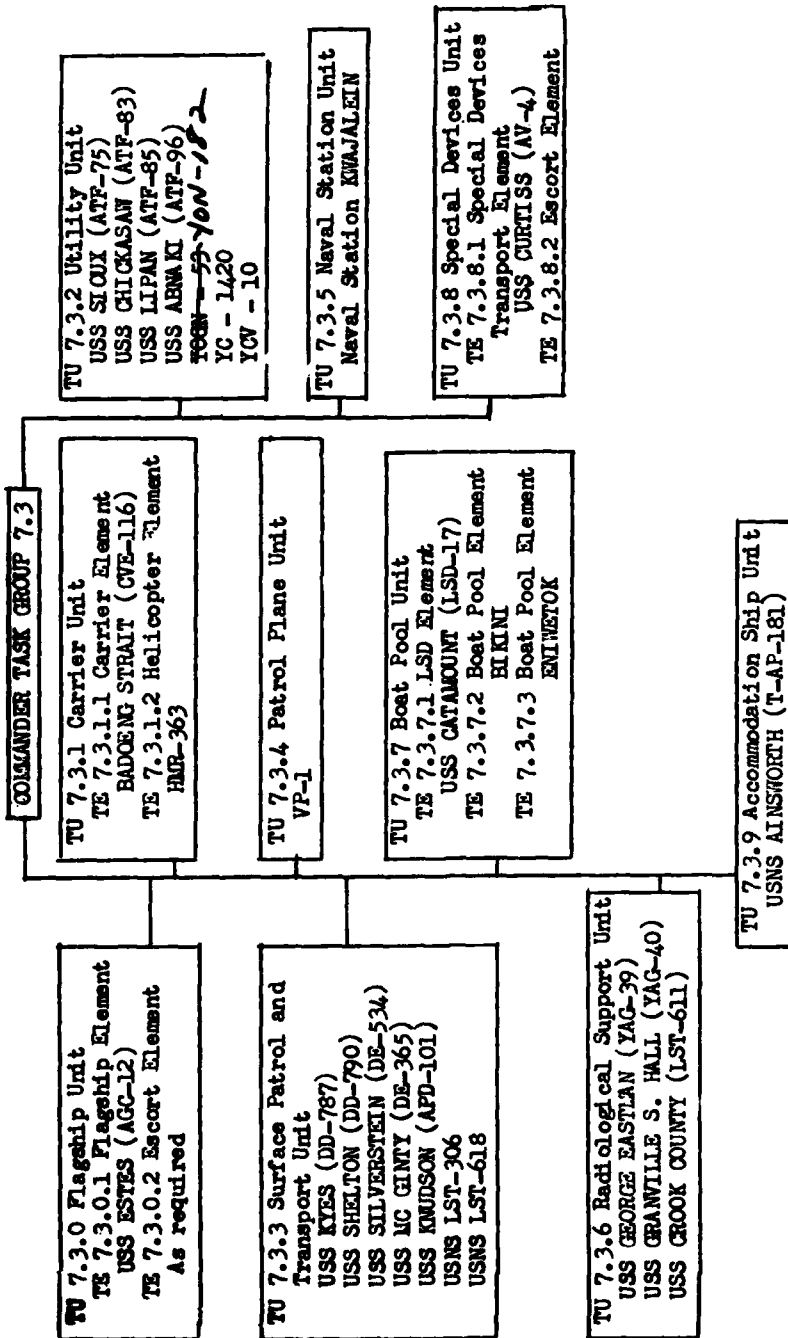
Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Tab A to Appendix 2, Organization of Staff, CTG 7.3
INSTRUCTIONS FOR TG 7.3 REPRESENTATIVE ENIWETOK & SOPA (ADMIN) ENIWETOK

1. There is hereby established the office of SOPA (Administrative) and Task Group 7.3 Representative ENIWETOK. The below listed duties and responsibilities are assigned to SOPA (Admin)/Task Group 7.3 Representative:
 - a. Direct activity of Naval units at ENIWETOK to coordinate this activity with that of other task groups of Joint Task Force SEVEN.
 - b. Promulgate schedules for Task Group 7.3 boats based at ENIWETOK so as to give maximum service to ships present and other task groups.
 - c. Coordinate with other task group commanders as applicable the assignment of anchorages to ships on arrival.
 - d. Direct replenishment of ships present from fuel oil barge and/or arriving reefers and stores ships, including delaying sailing of reefers to meet expected ship arrivals.
 - e. Sail ships to conform to inter atoll surface transportation schedules.
 - f. Act as the representative of Commander Task Group 7.3 at ENIWETOK with CJTF SEVEN, Commander Task Group 7.1, Commander Task Group 7.2, Commander Task Group 7.4 and Commander Task Group 7.5 in all matters concerning units of Task Group 7.3.
 - g. Advise ENIWETOK mail distributing authority of proper mail routing for ships and units of Task Group 7.3.
 - h. Brief arriving ships and insure that they have latest pertinent data such as charts, schedules and current SOPA instructions and information.
 - i. Carry out provisions of SOPA Instructions ENIWETOK.
 - j. Advise local freight recovery agency of proper routine of freight for Task Group 7.3 ships and units.
 - k. Maintain continuous communication with Commander Task Group 7.3.
 - l. Control Task Group 7.3 ENIWETOK voice radio nets.

Joint Task Force SEVEN
 Task Group 7.3
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Appendix 3 to Annex B. Organization and Command Relationships
ORGANIZATION OF TASK GROUP 7.3



[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Annex C to CTG 7.3 Operation Plan No. 1-56
LOGISTICAL PLAN

- References:
- (a) CJTF SEVEN OpPlan No. 1-56
 - (b) COMSERVPAC Requisitioning Guide
 - (c) CJTF SEVEN Planning Directive Operation REDWING
 - (d) COMAIRPAC NOTICE 04400 dtd 21 Nov 1955
 - (e) COMAIRPAC NOTICE 04400 dtd 7 Oct 1955
 - (f) CTG 7.3 NOTICE 04610 dtd 9 Dec 1955

1. General

The task group will be self-supporting upon commencement of operations and during the operation except for services provided by AOs, AF and AK for normal replenishment. Larger units are assigned as Supporting Units for smaller ships and for the Boat Pool. No shore stowage of fuel oil is provided for ships in the PPG except for a ~~fuel~~ at ENIWETOK which will supply fuel oil; an emergency water supply is at KWAJALEIN. The major units of the task group will be stationed at BIKINI. SOPA (Admin) ENIWETOK and CTG 7.3 Representative ENIWETOK will be stationed ashore at PARRY ISLAND to discharge the responsibilities in that area.

2. General Responsibilities. (Forces outside Task Group)

- a. Commander in Chief, U.S. Pacific Fleet is responsible for the logistic support of Task Group 7.3 and he will exercise this support primarily through Commander Service Force, U.S. Pacific Fleet and Commander Air Force, U.S. Pacific Fleet.
- b. Commander Service Force, U.S. Pacific Fleet will schedule regular replenishment of fresh provisions, and POL from Pearl Harbor to PPG and act as principal logistic agent for CINCPACFLT.
- c. Commander Air Force, U.S. Pacific Fleet via Commanding Officer, U.S. Naval Station, KWAJALEIN, and Commanding Officer, U.S. Naval Air Station, Barbers Point, T.H. will furnish support of aeronautical material.
- d. Commander Western Sea Frontier will coordinate U.S. West Coast activities furnishing support for all material other than fresh provisions and POL.
- e. Cross-servicing between the AEC and the military services is authorized as per existing agreements of the AEC and the Department of Defense.

Annex C to CTG 7.3 No. 1-56
LOGISTICAL PLAN

- f. Military sea and air transportation between the continental United States and the PPG and intermediate points will be provided to all elements of the task force by Military Sea Transportation Service (MSTS) and Military Air Transport Service (MATS), respectively.
 - g. Commander Task Group 7.5 will provide sales stores, subsistence, quarters and laundry and medical services for personnel of Task Group 7.3 permanently attached to BIKINI or ENIWETOK ATOLL except ENIWETOK and JAPTAN ISLANDS which are responsibility of Commander Task Group 7.2.
 - h. Commander Task Group 7.2 will furnish on a reimbursable basis housekeeping equipment and supplies for all task force elements including Naval elements ashore on ENIWETOK and JAPTAN ISLANDS, will provide common vehicle spare parts to other elements of task force, and will perform stevedoring and cargo handling on ENIWETOK and JAPTAN ISLANDS.
 - i. Commander Task Group 7.4 has normal responsibility for resupply of task force weather stations at RONGERIK, KUSAIE, KAPINGA-MARANGI, and TARAWA, and also project sites at UJELANG, WOTHO, ~~ALINGINAB~~ and UTIRIK.
 - j. Commander Task Group 7.4 will furnish, as mutually agreed, to other Task Group Commanders peculiar air force equipment, special purpose vehicles, and spare parts, as well as maintenance, thereof.
 - k. Commander Task Group 7.5 will accomplish all stevedoring and cargo handling in PPG except on ENIWETOK and JAPTAN ISLANDS, and will man and operate those LCU's used as houseboats by Task Group 7.1 projects.
 - l. Commanders of other task groups will augment the mess and housekeeping details of Task Group 7.3 while afloat as requested by Commander Task Group 7.3
3. Mission. To provide housekeeping support for all task force elements while afloat; to operate and maintain the Navy Boat Pool; to provide surface transportation between atolls when required; to provide surface lift for resupply of the weather islands, TARAWA, KUSAIE, RONGERIK and KAPINGAMARANGI when airlift is not provided by Commander Task Group 7.4; to be prepared to support resupply and maintenance of UJELANG, ~~ALINGINAB~~, WOTHO and UTIRIK project sites if required, which are normally resupplied by Commander Task Group 7.4.

Annex C to CTG 7.3 No. 1-56
LOGISTICAL PLAN

4. Logistics Tasks to Subordinate Units

- a. Commander Task Unit 7.3.1 (Carrier Unit) will designate working parties from various units to assist in decontamination of YCV, YFNBs, and YC, upon re-entry.
 - b. Commander Task Unit 7.3.2 (Utility Unit) will:
 - (1) Provide facilities for decontamination (water washdown) of YCV, YC, and YFNBs when required.
 - (2) Check moorings of all barges as routine measures.
 - (3) Provide anchor light maintenance including turning on and off for unmanned barges.
 - (4) Assist in mooring and handling of craft as directed.
 - (5) Check soundings on barges and pump as necessary.
 - c. Commander Task Unit 7.3.3 (Surface Patrol and Transport Unit) will furnish surface transportation as required and as detailed in Annexes H and K.
 - d. Commander Task Unit 7.3.3 (Surface Patrol and Transport Unit) will also furnish facilities and personnel for decontamination of LCU's upon re-entry; and for YAGs if required.
 - e. Commander Task Unit 7.3.6 (Radiological Support Unit) will furnish facilities and personnel for decontamination of YAGs; provide personnel for YAGN. *Yo N.*
 - f. Commander Task Unit 7.3.7 (Boat Pool Unit) is assigned tasks as in Annex H - Surface Transportation and Boat Pool Annex.
 - g. Commander Task Unit 7.3.8 (Special Devices Unit) will provide shop facilities required for maintenance of YFNBs, YCV, YC as requested by Commander Task Unit 7.3.2.
- x.(i) All task units are assigned additional tasks under paragraph 5, Supply of Forces.

x.(2) added - See change #1

Annex C to CTG 7.3 No. 1-56
LOGISTICAL PLAN

5. Supply of Forces

Task Assigned to Subordinate Units

- a. Commander Task Unit 7.3.5 (Naval Station Unit) will be prepared to support the resupply and maintenance of WOTHO, UJELANG, UTIRIK and ~~ALINGINAR~~ by furnishing airlift and supplies when directed. These islands are normally supported by Commander Task Group 7.4.
- b. Commander Task Unit 7.3.3 and/or Commander Task Unit 7.3.7 will furnish the surface lift for resupply of TARAWA, KUSAIE, RONGERIK and KAPINGAMARANGI, if directed. These islands are normally supported by Commander Task Group 7.4.
- c. Commander Task Unit 7.3.1 (CO, USS BADOENG STRAIT) will furnish housekeeping support for the Boat Pool when the LSD is not present at BIKINI.
- d. Each task element commander will be prepared to take on board another units consignment of stores and provisions, for short periods when necessity requires.
- e. Each task element commander or his supporting unit will ensure that requisitions are forwarded prior to required dates, and that needs are anticipated in conjunction with the schedule laid out in Appendix I to Annex C.
- f. Commanding officers of larger vessels will furnish support for disbursing, minor repairs, boat repairs, fuel oil, AVGAS, frozen provisions, fresh vegetables, general stores, clothing and small stores, and ships store items as designated below:

<u>Supporting Unit</u>	<u>Units to be Supported</u>
AV	ATFs and APD
AGC	YAGs and LST
CVE	DEs and DDs
LSD	Boat Pool

6. Supply Levels

- a. All units via normal channels will load fresh and dry provisions, potable and feed water, and POL to capacity upon departure CONUS and Pearl Harbor as applicable. Ships will carry ammunition in the amounts specified by the type commander. Aircraft carry amounts of ammunition designated by type commander unless further directed by Commander Task Group 7.3.

Annex C to CTG 7.3 No. 1-56
LOGISTICAL PLAN

b. Other stores will be maintained as close to the following levels as possible dependent upon space available.

- (1) Medical stores - 120 days.
- (2) General stores, ship's store stock, small stores - 120 days.
- (3) Aviation stores - to sustain to completion of operation.
- (4) Spares - authorized allowance plus sufficient number of high failure rate items.

Gaskets and seals which deteriorate quickly due to climatic changes should be anticipated to occur during first 30 days after arrival.

c. Special items are allowed or should be anticipated as follows:

- (1) Authority is granted by task group commander to increase the monetary allowances of ship's store stock 100% in accordance with article 83111, BUSANDA Manual. Normal monetary allowance is to be restored upon completion of operation.
- (2) Shoes will have a high failure rate due to coral. Boat Pool personnel required 3 pairs/man during previous operation. Shoes will be stocked accordingly.
- (3) Normal housekeeping gear such as toweling, swabs, buckets, brushes, soap powder, will be required in excess number due to their abnormal use in decontamination procedures. 200% indicated in Operation CASTLE.
- (4) A 25% increase in ration allowance for general mess has been authorized for this operation. Ship provisioning should take this into account in proportioning provisions. Increase commences upon arrival in PPG and ceases upon departing the PPG.
- (5) Fresh fruits and vegetables should be amply stocked in view of weather conditions.
- (6) Large quantities of soft drinks and syrup should be stocked.
- (7) Radiac batteries will be stored aboard USS BADOENG STRAIT for which ~~25 cu. ft. of chilled storage is allocated.~~

See Change #1

~~XXXXXXXXXX~~
Annex C to CTG 7.3 No. 1-56
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- (8) Need for high failure rate electronic components must be anticipated.
- (9) The tropical uniform as described in U.S. Navy Regulations will be authorized. See Commander Task Group 7.3 letter serial 0111 of 14 November 1955. The blue ski type cap as described in BUPER NOTICE 1020 of 6 July 1955 will be authorized; ships will stock adequate quantities of these items. Usage data of caps from previous operations was 200% of personnel. *The white Tropical uniform will be authorized for officers only.*
- (10) Hobby shop type items should be stocked heavily for ship and supported units as ship's store stock in view of limited recreational facilities ashore. Sales to Hobby Shops and small craft are expected to create heavy demands for hobby craft items.
- (11) Based on past operations the following items should be stocked adequately in ship's stores:

Goggles, swim
Masks, swim
Snorkel tubes
Fins, swim
Cards, playing
Cribbage boards

- (12) Money - ~~Ships are authorized to carry funds for duration of operation in accordance with Navy Comptroller Manual, Volume 4, paragraph 2002, subparagraph 4. Facilities for disposal of cash by individuals is extremely limited.~~ *See Change #1*

(13) *See Change #1 - Added*
7. Methods of Supply - See Appendix 1 to Annex C.

8. Maintenance Repairs and Salvage

a. Repairs.

- (1) Small boat repairs for boat pool craft will normally be accomplished by the Boat Pool - with spare parts carried on board the YFN 994. Repair assistance for ship's boats will normally be rendered by larger vessels designated as supporting units.
- (2) ~~Radiac repairs will be handled by Commander Task Group 7.3 repair unit in the USS BADGENG STRAIT.~~ *See Change #1*

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- (3) Repairs beyond the capability of ship's force can be accomplished at Pearl Harbor, T. H.; an ~~ASB~~ is stationed at KWAJALEIN. *LAFDL-100 ton capacity*
- (4) Repairs and maintenance of aircraft shall follow the previously established procedures of Commander Air Force, U.S. Pacific Fleet.
- (5) Every opportunity for repairs must be utilized, since routine upkeep periods are jeopardized by operational changes.

b. Maintenance and Upkeep.

- (1) Routine upkeep will be scheduled for ships at ENIWETOK as the schedule of operations permits.
- (2) Cleaning of boiler firesides and watersides will be in accordance with type and BUSHIPS instructions. Ships should have the minimum number of hours possible in this regard prior to leaving CONUS - or should attempt such cleaning during transit dependent upon necessary plant usage.
- (3) BUSHIPS procedure on maintenance of evaporators must be given strict attention due to lack of water facilities and the strain imposed on evaporators by laundry facilities aboard.
- (4) Cross-connected or split plant procedures for pertinent ships will be followed as per directives of the type commanders, and in accordance with the requirements of the scheduled operation.

9. Transportation

- a. See Appendix 2 to Annex C.
- b. For Inter-Atoll Surface Transportation and Boat Pool Plan see Annex H.

10. Medical

a. General Responsibilities.

(1) Medical Facilities.

- (a) Medical facilities afloat are those organic to assigned units. Ships shall be prepared to provide treatment and

[REDACTED]

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hospitalization for other elements of task force in emergencies and during evacuation.

- (b) Medical facilities ashore are provided by Commander Task Group 7.2 at ENIWETOK for emergencies and Commanding Officer, U.S. Naval Station KWAJALEIN at KWAJALEIN for task group elements on KWAJALEIN.
- (c) The nearest medical facility is to handle all cases of an emergency nature and arrange for emergency transportation to nearest adequate medical facility, if its own facilities are not suitable.
- (2) Commander Task Group 7.3 Medical Officer will coordinate all medical activities within task group where such coordination is required or desirable.
- (3) In event of evacuation medical facilities afloat will be augmented by medical personnel from other elements of task force.

b. Evacuation and Hospitalization of Patients and Deceased.

- (1) Although medical facilities afloat and at ENIWETOK and KWAJALEIN are sufficient to take care of the normal needs of Task Group 7.3, in case of a major catastrophe, serious epidemic, or other occasion where evacuation is indicated, air evacuation will be coordinated by CJTF SEVEN from ENIWETOK to KWAJALEIN and thence to OAHU at Tripler Army Hospital. Facilities of MATS will be provided by PACDIVMATS and will be arranged by coordination with the Commanding Officer, 1453rd Medical Air Evacuation Squadron, Hickam Air Force Base, T. H. During a general evacuation CJTF SEVEN will augment medical personnel from other elements of the task force.
- (2) Personnel, who in the opinion of appropriate medical authorities can not be returned to duty within fifteen (15) days normally shall be transferred to the Army Hospital, ENIWETOK, where they will be held and treated until air evacuation is arranged by Commander Task Group 7.2. Military and civil service personnel will be evacuated to the Tripler Army Hospital, OAHU, T. H. All others will be evacuated to civilian hospitals on OAHU, T. H. The return of evacuees to their duty stations in PPG will be arranged by the JTF SEVEN Liaison Officer, Hickam Air Force Base, T. H. in coordination with PACDIVMATS and the appropriate hospitals.


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(3) Evacuation of deceased personnel will be as follows:

- (a) Remains will be evacuated by air from the PPG to OAHU, T. H.
- (b) Remains of military and federal civilian personnel will be evacuated to the U.S. Army Mortuary, Tripler Army Hospital, OAHU, T. H. Remains of employees of AEC contractors or other agencies participating in the operation will be evacuated to civilian mortuaries on OAHU, as designated by the contractor or agency.
- (c) Remains will be prepared for shipment in accordance with instructions published by CG, USARPAC and PACDIVMATS.
- (d) A complete serviceable uniform, except headgear and footwear, will accompany military remains.
- (e) See BUMED Manual, Chapter 17, in addition a Territory of Hawaii death certificate is required.
- (f) In order to provide the following information required by CG, USARPAC for shipment of remains of deceased personnel commanding officers will furnish the following information to Commander Task Group 7.3 by message.

1. Military personnel.

- a. Name, rank or rate, serial number, organization and service.
- b. Campaign ribbons, decorations and awards to which deceased is entitled (If service record is incomplete, so state).

c. Preventive Measures.

- (1) All units shall conform to Chapter 22, BUMED Manual and type instructions in a continuing program to, control outbreak of disease, make improvements in sanitation, and control insects and rodents.
- (2) All necessary dental work required should be completed prior to arrival in forward area.

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- d. Disqualifying Conditions. In addition to other disabilities disqualifying an individual for general military service, personnel will not be assigned to the forward area who are suffering from the following disorders: (1) Peptic ulcer or confirmed history thereof; (2) Chronic eczema or fungus infection, especially of external auditory canals; (3) Bronchial asthma or severe allergy of any kind; (4) Emotional disturbance (in case of military personnel). Any significant sickness or disability or requests for waivers in unusual or doubtful cases will be referred to the Deputy Commander for Scientific Matters, Commander, Base Facilities Group, or CJTF SEVEN, as appropriate, who will in turn refer them to his medical advisor.
- e. Immunizations. All personnel traveling to the forward area are required to possess immunization record indicating the following immunizations prior to departure from the United States: smallpox and typhoid-paratyphoid fever, vaccination or revaccination within three years; and tetanus: completion of initial series or stimulating dose every four years. (Navy-BUMED INST 6230.1). No requirements exist for yellow fever, typhus, and cholera vaccines. The International Certificate of Inoculation and Vaccination, Form PHS-731(1HR), or DD Form 737, is required for individual documentation of immunization. Each person traveling to the forward area will have this form properly filled out in his possession while not a member of a ship's company, on board a naval vessel, or otherwise accompanying his health record.
- f. Access to Contaminated Areas. The radiological safety control officer may, at his discretion, deny access to contaminated areas to any individual if, in his opinion, there exists a doubt as to the state of the individual's health. This refers to construction and maintenance personnel as well as scientific military personnel.
- g. Previous Exposure. It will be the command responsibility of commanding officers to assure themselves that the individuals under their charge who will enter contaminated areas have no history of over-exposure for which unfulfilled limitations on further exposure will be in effect during any part of the operational period starting with first shot minus fifteen (15) days. Any such cases will be brought to the attention of CJTF SEVEN.
- h. General.
- (1) Newly arrived personnel are cautioned against over-exposure to the sun's rays. Painful and serious sunburn can occur under

Annex C to CTG 7.3 No. 1-56
LOGISTICAL PLAN

the tropical conditions existing in the forward area. Personnel are advised and encouraged to sunbathe for a short period (5 to 15 minutes) each day until sufficient tanning warrants longer exposure periods. Good quality sun glasses are recommended for protecting the eyes from sun glare.

- (2) The environmental conditions in the Marshall Islands are particularly conducive to fungus infections. Continuous cleanliness and proper hygiene greatly reduce the incident rate of fungus infection.
- (3) Numerous varieties of fish in the forward area are known to be poisonous or are suspected. ~~Commander Task Group 7.2 has published information and regulations pertaining to edible and non-edible fish in ENIWETOK waters and their preparation for cooking. See Change #1~~

11. Fixed Plant Facilities

a. Location.

- (1) A recreation facility for Task Group 7.3 is planned for ENYU ISLAND and JAPTAN ISLAND.
- (2) Building 651 on ENIWETOK ISLAND is designated as Commander Task Group 7.3 equipment and storage building.
- (3) Barracks facilities on PARRY ISLAND are:

	<u>CAPACITY</u>	
	<u>NORMAL</u>	<u>OVERLOAD</u>
Barracks ¹⁰⁷ 109 - 3 rooms	12	18
Barracks 130 - 2 rooms	4	6
Tents 71-93 (8 man)	184	184

- (4) The ENIWETOK Boat Pool Detachment is housed in Building 46, ENIWETOK ISLAND.
- (5) SOPA (Admin) ENIWETOK and Commander Task Group 7.3 Representative ENIWETOK is located in the Administration Building Number 221 on PARRY ISLAND.

Annex C to CTG 7.3 No. 1-56
LOGISTICAL PLAN

(6) POL Facilities are as follows:

(a) Afloat POL Storage at ENIWETOK

<u>TYPE</u>	<u>SHIP OR CRAFT</u>	<u>CAPACITY</u>
DIESEL	YOG 61	6900 BBLs
MOGAS	YOG 61	6800 BBLs
GR115 AVGAS	YOGN 82	50,000 BBLs (Approx.)
JP4 AVFUEL	YOGN 82	50,000 BBLs (Approx.)
MOGAS	LSD-17	6000 GALS
NSFO	YOGN 53	30,000 BBLs

(b) Ashore POL Storage at ENIWETOK/BIKINI area

<u>TYPE</u>	<u>LOCATION</u>	<u>CAPACITY</u>
GR115 AVGAS	ENIWETOK	4000 BBLs
GR115 AVGAS	ENINMAN	1000 BBLs
MOGAS	ENIWETOK	2000 BBLs
MOGAS	PARRY	2000 BBLs
MOGAS	ENINMAN	1000 BBLs
DIESEL	ENIWETOK	7000 BBLs
DIESEL	PARRY	4000 BBLs
DIESEL	BIKINI	3000 BBLs

12. Property Control

- a. Commanding officers of ships are responsible for the maintenance, safeguarding, and accounting for all property issued to or otherwise acquired by the ship for this operation.
- b. Property in custody of the ship will be marked per existing instructions of owning agency.
- c. The disposition of salvage and scrap will be governed by existing instructions of the type commander or owning agency as appropriate. Where destruction or abandonment of such property is authorized, commanding officers will insure that the property is cannibalized to the maximum extent practicable prior to final disposition.
- d. Serviceable military property which is excess to the requirements of a ship will be reported to Commander Task Group 7.3 prior to disposal. The shipment of such property from the forward area requires prior approval of CJTF SEVEN.

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Annex C to CTG 7.3 No. 1-56
LOGISTICAL PLAN

- e. Unless otherwise directed, commanding officers of ships shall insure return to CONUS of special material and equipment for which they were assigned responsibility of transportation to the forward area.
- f. As directed, special material which is required for future operations will be retained in the forward area and will be processed for tropical storage.
- g. Prior to redeployment from the forward area commanding officers will insure:
 - (1) That property held on memorandum receipt has been returned to proper accountable officers and has been thoroughly cleaned and renovated by the using unit or ship prior to turn-in.
 - (2) That no individual who holds property on memorandum receipt from forward area accountable officers is redeployed until appropriate action has been taken to clear his memorandum receipt account.
 - (3) That property which has been lost, damaged, or destroyed is accounted for per existing instructions of the owning military department or agency.
 - (4) All certificates and affidavits required in connection with surveys will be secured before interested personnel depart from the forward area.
- h. Property accounting problems which cannot be resolved will be referred to SOPA (Admin) ENIWETOK.
- i. A Concept of Disposition of Material (Roll-up Plan) will be issued at a later date.

13. Miscellaneous and Reports

- a. Fuel Report - to Commander Task Group 7.3.
 - (1) Fuel reports as of noon each day will be sent unclassified, deferred, and list the percentage on board.
 - (2) A fuel report will be sent following each replenishment listing the amount in gallons received and the percentage on board.

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(3) Task unit commanders will coordinate reports where advantageous and when in close company.

b. Boiler and Main Machinery Reports.

(1) Units will submit weekly as of noon Friday the hours since last cleaning of firesides and watersides for each boiler.

(2) Any derangement to main machinery will be reported as it occurs; following information must be included:

(a) Equipment affected.

(b) Estimated time of repair.

(c) Assistance required beyond ship's force.

(d) Spare parts required - if not on board - and how ordered.

(e) Any further data.

(3) During routine upkeep and maintenance periods - ships are on 48 hours notice for getting underway. During normal operating periods 4 hours. No report of routine maintenance of equipment is required which meet above stipulated times.

c. Special Reports prior to Reporting or Upon Arrival.

(1) Each unit will report number of gallons of burnable fuel carried aboard which represent 100% capacity for routine fuel reports.

(2) Each unit will report maximum speed attainable and fuel rate under such conditions.

14. Funding. See Appendix 3 to Annex C.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

APPENDICES:

1 - Methods of Supply

2 - Transportation

3 - Funding

M. Rothlisberger
M. ROTHLISBERGER
LCDR, U.S. Navy
Flag Secretary

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Appendix I to Annex C, Logistical Plan
METHODS OF SUPPLY

1. Ship Requisitions and Requirements for Replenishments

a. Fresh and Frozen Provisions.

- (1) Each supporting unit will submit its requirements plus those for the small units that it supports direct to NSC, Pearl Harbor 30 days prior to AF loading at Pearl Harbor. See replenishment ship schedule in Tab A to this appendix. The AF will be fleet issue loaded.

b. Dry provisions, clothing and small stores, ship's store stock, general stores material, spare parts and medical stores.

- (1) Each supporting unit submit requirements to NSC, Pearl Harbor for delivery FAGTRANS to ENIWETOK as fleet freight.
- (2) Emergency requirements for these items will be submitted to NSC, Pearl Harbor, copy to COMSERVPAC. Shipments from Pearl Harbor may be made by MATS or scheduled AF and AKS in Tab A to this appendix.

c. Petroleum, oils and lubricants requirements.

- (1) Requirements for special oils, lubricants and greases should be submitted to COMSERVPAC.
- (2) Requirements for fuel oil, diesel oil and any oil normally carried by AO will be submitted direct to AO when scheduled for replenishment.

2. Aircraft Squadron requisitions and requirements

- a. Commanding Officer, U.S. Naval Station, KWAJALEIN will supply aircraft units based on KWAJALEIN.
- b. Requisitions for material should follow the procedures designated in COMAIRPAC 04400 Notices issued for this operation.
- c. COMAIRPAC Notice 04400 dated 21 November 1955 designates supply support responsibilities for A3D-1 aircraft assigned for Project 5.8.

[REDACTED]

Appendix 1 to Annex C, Logistical Plan
METHODS OF SUPPLY

- d. Commanding Officer, Naval Air Station, Barbers Point, Oahu, T. H., will provide back-up support as per COMAIRPAC Notice 04400 of 7 October 1955.
3. Boat Pool Detachment ENIWETOK Replenishment Procedure
 - a. Commander Task Group 7.2 will supply boat pool at ENIWETOK with common service items; peculiar Navy items will be requisitioned on NSC, Oakland, California by Officer-in-Charge of the Detachment until arrival of Commander Task Group 7.3.
 - b. Officer-in-Charge, Boat Pool Detachment, ENIWETOK will arrange for APA spares to be brought out by Officer-in-Charge, BIKINI Boat Pool. NSA items will be requisitioned.
 4. Procedure for Fueling
 - a. Procedure using AO.

Normal procedure will consist of refueling ships at sea alongside AO. ~~Scheduling of AO will be arranged by SOPA (Admin) ENIWETOK.~~ *See Change #1*
 - b. Procedure using YOGN.

^{YOGN}
A ~~YOGN~~ is anchored at ENIWETOK. A procedure for manning this barge during scheduled replenishment will be instituted. An invoice is required to be signed at the time of issue. SOPA (Admin) ENIWETOK will arrange.
 - c. Procedure using larger vessels for resupply.

Smaller units will go alongside for replenishment. Supporting unit will furnish gear. Will be accomplished at anchor.
 5. Procedure for Provisioning from AF
 - a. Scheduling at BIKINI will be arranged by SOPA (Admin) ENIWETOK.
 - b. AF will anchor.

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Appendix 1 to Annex C, Logistical Plan
METHODS OF SUPPLY

- c. Working parties will be required from ships to break out provisions in accordance with requisitions previously submitted by ship.
 - d. The AF may be able to supply additional quantities not previously requisitioned. Communicate directly.
 - e. Boats for transfer of stores are required. Use ship boats or draw upon boat pool.
6. Procedure for stores and cargo from AK
- a. The AK will unload at ENIWETOK.
 - b. Transshipment to BIKINI will be arranged by SOPA (Admin) ENIWETOK, normally by LST.
 - c. Stores will be obtained by small boat from transporting ship at BIKINI. Working parties will be required.
 - d. SOPA (Admin) ENIWETOK will schedule unloading of ship's cargo for Task Group 7.3 units.
 - e. Ships at ENIWETOK will obtain stores from PARRY ISLAND pier.
7. Procedure for Obtaining Water
- a. Smaller units and service craft will request water from GVE direct to commanding officer information to Commander Task Group 7.3. Other units must be self-supporting.
 - b. An emergency water supply is maintained at KWAJALEIN and consists of 1.9 million gallons in one barge plus 2 other barges of 215,000 gallons each.
8. Replenishment Ship Schedules
- a. AO Schedule.
Scheduled reporting dates of AO's subject to change is as follows:

[REDACTED]

Appendix 1 to Annex C, Logistical Plan
METHODS OF SUPPLY

<u>SHIP</u>	<u>REPORTING DATE</u>	<u>DEPARTING DATE</u>
USS MISPELLION (AO-105)	11 April 1956	25 May 1956
USS NAVASOTA (AO-106)	21 May 1956	27 June 1956
USS CALIENTE (AO-53)	3 July 1956	1 August 1956
USS CIMARRON (AO-22)	8 August 1956	1 September 1956

b. AF and AK Schedule.

- (1) The AF may be held a maximum of 7 days in the Pacific Proving Ground area when issuing to forces afloat.
- (2) Extracts from COMSERVPAC MIDPAC Support Schedule Number ⁶/₃, subject to change, are in Tab A to Appendix 1 to Annex C.

TAB:

A - AF and AK Support Schedule

Joint Task Force SEVEN
 Task Group 7.3
 Fleet Post Office
 San Francisco, California
 24 April 1956; 1300M

Tab A to Appendix 1, Methods of Supply
AF AND AK SUPPORT SCHEDULE

CONSERVPAC MIDPAC SUPPORT SCHEDULE #6

LINE NO.	SHIP	ETA/LOAD		ETD			ETA		REMARKS
		NSC	PEARL	PEARL	BIKINI	ENIWETOK	KWAJ	PEARL	
1.	MERAPI (AF-38)	3/1-2		3/3		3/13	3/18	3/29	
2.	SUSSEX (AK-213)	3/5-8		3/9	3/19	3/21	3/24	4/7	(1)
4.	KARIN (AF-33)	3/23-28		3/28	4/7	4/12*	4/15	4/26	
7.	MERAPI (AF-38)	4/13-16		4/16	4/26	5/1*		5/12	
8.	SUSSEX (AK-213)	4/16-19		4/20			4/30	5/12	(1)
11.	KARIN (AF-33)			5/15	5/25	5/30	6/2	6/12	
14.	MERAPI (AF-38)	5/25-28		5/28	6/7	6/12*	6/15	6/26	
15.	SUSSEX (AK-213)	5/28-31		6/1	6/11	6/13	6/16	6/30	(1)
17.	KARIN (AF-33)	6/15-18		6/18	6/28	7/3*	7/6	7/17	
20.	MERAPI (AF-38)	7/6-9		7/9	7/19	7/24*	7/27	8/7	
21.	SUSSEX (AK-213)	7/9-12		7/13	7/23	7/25	7/28	8/11	(1)
24.	KARIN (AF-33)	7/27-30		7/30	8/9	8/14*	8/17	8/28	
27.	MERAPI (AF-38)	8/17-20		8/20	8/30	9/4*	9/7	9/18	
28.	SUSSEX (AK-213)	8/20-23		8/24	9/3	9/5	9/8	9/22	(1)
30.	KARIN (AF-33)	9/7-10		9/10	9/20	9/25*	9/28	10/9	

* approximate

NOTES: LINE NO. is the number referred to in CONSERVPAC MIDPAC Support Schedule #6.

Tab A to Appendix 1, Methods of Supply
AF AND AK SUPPORT SCHEDULE

NOTES (CONT'D)

- (1) Kwajalein and Eniwetok are limited to 90 M/T of refrigerated cargo each (freeze and/or chill).
- (2) NSC Pearl give priority to Fleet Freight for JTF-7 ships. Fleet Freight for JTF-7 ships to be loaded for optional discharge in AF and AK.
- (3) NSC Pearl send special departure message to advise TG 7.3 and JTF 7 ships of: (a) Quantity of dry provisions and; (b) Quantity of general Fleet Freight on board AF or AK for each JTF 7 ship.
- (4) Minor changes in schedule (variations of 3 to 4 days) must be expected and will be disseminated to interested commands when dates are firm.
- (5) When AF required to issue to forces afloat - JTF 7 may hold ships in his area not to exceed 7 days.

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Appendix 2 to Annex C, Logistical Plan
TRANSPORTATION

1. General

- a. Commander Task Group 7.2 makes all firm transportation bookings from ENIWETOK to KWAJALEIN, Pearl Harbor and the United States by air and MSTs vessels.
- b. Transportation booking from KWAJALEIN is made by the JTF SEVEN Liaison Officer (Transportation and Movement Control Agent) at KWAJALEIN.

2. Ports of Embarkation/Debarcation (CONUS)

a. Aerial Port.

- (1) Personnel and cargo - Travis Air Force Base (AFB), California.
- (2) Personnel: Report to JTF SEVEN LNO, Travis AFB, California.
- (3) Domestic address for cargo: Air Freight Officer, Travis AFB, California.

b. Water Port(s).

- (1) Personnel - Oakland Army Terminal, Oakland, California, ~~or~~ U.S. Naval Receiving Station, Treasure Island, San Francisco, California, ~~or~~ naval Base, San Diego, California.
- (2) General cargo - NSC, Oakland, California - Domestic address: Freight Terminal Department, NSC, Oakland, California; or (when directed) SFPOE, Oakland Army Terminal, Oakland, California - Domestic address: Port Transportation Officer, SFPOE, Oakland Army Terminal, Oakland, California.
- (3) Ammunition and Explosives - U.S. Naval Magazine, Port Chicago, California - Domestic address: Receiving Officer, U.S. Naval Magazine, Port Chicago, California: For: Freight Terminal Department, NSC, Oakland, California.

Appendix 2 to Annex C, Logistical Plan
TRANSPORTATION

3. Shipping Instructions

- a. Marking. The use of shipping designators and marking and shipment of supplies is governed by JTF SEVEN SOP 75-1 issued as Commander Task Group 7.3 Notice 04610. These designators and markings are to be listed in each requisition sent to PRCO, NSC, Oakland and in emergency requisitions by dispatch to NSC, Pearl Harbor. A sample overseas address would be as follows:

FOGS FOR IJUR - G - SNF 10 - 52/55 When decoded this means:
ENIWETOK FOR BIKINI - (Apr 1-55) Navy CURTISS Requisitions
No. 52/55.

NOTE: Do not use dashes but use a slant for requisition numbers since dashes have a special meaning to shippers.

Commander Task Group 7.3 Notice 04610 of 9 December 1955 indicates for each unit a two digit numeral which is to be appended to the designation SNF in order to identify the ship or unit for whom the cargo is consigned. A unit's name ~~will~~ *should* ~~also~~ not be used in the overseas address.

b. Booking (Air).

- (1) The ENIWETOK Transportation Board - operating under Commander Task Group 7.2, screens airlift requirements on channels 40-37, 40-39, 40-US, 40-34, 34-40, 37-40, 37-39, 32-40, 40-32, 37-US and other channels as assigned by CJTF SEVEN.

(2) Channels are as follows:

- | | |
|---------------------------|-------|
| (a) CONUS to HAWAII | US-39 |
| (b) CONUS to KWAJALEIN | US-37 |
| (c) CONUS to ENIWETOK | US-40 |
| (d) ENIWETOK to KWAJALEIN | 40-37 |
| (e) ENIWETOK to HAWAII | 40-39 |

Appendix 2 to Annex C, Logistical Plan
TRANSPORTATION

(f) ENIWETOK to CONUS	40-US
(g) ENIWETOK to TOKYO	40-34
(h) TOKYO to ENIWETOK	34-40
(i) KWAJALEIN to ENIWETOK	37-40
(j) KWAJALEIN to HAWAII	37-39
(k) MANILA to ENIWETOK	32-40
(l) ENIWETOK to MANILA	40-32
(m) KWAJALEIN to CONUS	37-US

c. Booking by Water.

Commander Task Group 7.2 consolidates east bound requirements of all task groups for cargo and passengers.

d. Water Shipment Records.

(1) Each unit of the task group will maintain records indicating:

- (a) Total long tons and measurement tons by class of cargo and number of cabin and troop class passengers transported in its own unit by other units or task groups for each month.
- (b) Total long tons and measurement tons received by class of cargo and number of cabin and troop class from MSTs vessels such as AK and COMSERVPAC vessels, AO and AF.

4. Location and addresses of JTF SEVEN Liaison Officers:

ADDRESS

JTF SEVEN, LNO, Oakland
Building 222
Naval Supply Center
Oakland 4, California

TELEPHONE

Twin Oaks 3-4224, Ext. 264

[REDACTED]

Appendix 2 to Annex C, Logistical Plan
TRANSPORTATION

ADDRESS

TELEPHONE

JTF SEVEN, LNO, Travis AFB
MATS Terminal
Travis Air Force Base, Calif.

Idlewood 7-2211, Ext. 543

JTF SEVEN, LNO,
Box 440, APO 953
San Francisco, California

Hickam AFB, Ext. 4015

JTF SEVEN, LNO,
Navy #824, c/o FPO
San Francisco, California

Naval Station, KWAJALEIN

5. Security Clearance

a. General.

Personnel destined for ENIWETOK or BIKINI ATOLLS will be security cleared as outlined in CINCPAC letter FFI-1 A16-1 serial 020 of 1 April 1952.

b. Movement by Air Transportation.

Provisions of paragraph 6a, CINCPAC serial 020 apply.

c. Movement by Water Transportation.

Provisions of paragraph 6b, CINCPAC serial 020 apply.

d. Civilian Personnel.

Provisions of paragraph 6c, CINCPAC serial 020 apply.

e. Travel within Pacific Command.

Provisions of paragraph 6d, CINCPAC serial 020 apply.

6. Motor Vehicle Operations

a. Commanding officers assigned the responsibility of operating motor vehicles will insure by pertinent directive:

- (1) Efficient and safe operation of the vehicle.

[REDACTED]
Appendix 2 to Annex C, Logistical Plan
TRANSPORTATION

(2) Performance of driver maintenance.

b. Commander Task Group 7.5 will perform maintenance and dispatch vehicles for other task groups on BIKINI ATOLL.

7. Port Operations

The discharging of or loading of vessels at BIKINI or ENIWETOK will be expedited to insure minimum ship turn-around time. Port Operations will be on a 24 hour basis where necessary and practicable. Commander Task Group 7.2 is responsible for Port Operations in ENIWETOK.

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Appendix 3 to Annex C, Logistical Plan
FUNDING

see changes

Ref: _____
1. Division of Funding Between the Services and the Task Force

- a. The following are assumptions that shall be used as a basis for the division of funding. It is not all inclusive but is an outline of the distinction between normal operating expenses which are to be financed by the Services and extra expenses which are to be financed out of funds made available to the task force commander.
- b. The following are "Normal Service Operating Expenses" and will be financed by the Services:
 - (1) Pay and allowances of all service personnel.
 - (2) All costs of subsistence of service personnel.
 - (3) Cost of special clothing normally furnished service personnel when employed in severe climates.
 - (4) Cost of travel and transportation of personnel to first task force duty station upon initial assignment and travel and transportation from last task force station to next regular duty assignment. All costs of travel and transportation of the member, his family, and household goods incidental to a permanent change of station when assigned to or relieved from assignment to the task force.
 - (5) Medical and dental services for military personnel.
 - (6) Ships, aircraft, boats and other standard equipment and supplies necessary for the operation, including maintenance, parts, POL and consumable supplies required in support of the Department of Defense participation.
 - (7) Packing, handling and transportation to task force of equipment and supplies furnished by the Services for the support of the task force.

Appendix 3 to Annex C, Logistical Plan
FUNDING

- c. The following are "Extra Expenses" and are to be financed out of funds made available direct to the task force commander, provided facilities, equipment or modification are not to be continued in use by the Service after completion of the task force requirement:
- (1) Costs of modification to and subsequent restoration of equipment, aircraft or ships requested by the task force commander.
 - (2) Costs of activation and subsequent inactivation of ships, aircraft and small craft requested by the task force commander.
 - (3) Costs of construction and rehabilitation of existing structures and facilities at the test site required by the operations of a task force commander in connection with approved Department of Defense test programs.
 - (4) Cost of transportation of personnel attached to the task force traveling under orders of the task force commander, including costs of temporary duty travel as well as any permanent changes of station travel other than those covered in paragraph 2.d. above while assigned to the task force.
 - (5) Administrative expenses incurred by task force and task force headquarters.
 - (6) Cost of equipment required for the operation of the task force which is not standard to any of the military services.
 - (7) Costs of packing, handling and shipment of special equipment required by task force (as distinguished from such cost relating to Service support).
 - (8) Costs of material or services required by the task force commander from activities operated under working capital funds, regardless of the department which is executive agent for the activity.

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Joint Task Force SEVEN
Task Group 7.3
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24 January 1956; 1000R

Annex D to CTG 7.3 Operation Plan No. 1-56
SEARCH AND RESCUE PLAN

- Reference: (a) Search and Rescue - Joint Standard Operating Procedure, Pacific
(b) Annex S - Search and Rescue annex to COMHAWSEAFRON OORDER HSF No. 201-54
(c) JANAP 300, The Air Sea Rescue Manual
(d) NWP 37, Search and Rescue

1. Responsibilities

- a. Responsibilities of commanders for search and rescue (SAR) operations within their respective commands are set forth in reference (a). Specifically, as it relates to the area of primary concern to Commander Task Group 7.3, responsibility for search and rescue is assigned by CINCPACFLT to COMHAWSEAFRON.

- b. Reference (a) further provides that:

"For aircraft....the primary responsibility for SAR rests with the commander exercising operational control of the aircraft regardless of the area of operation. This responsibility may be delegated to subordinate commanders. Commanders holding SAR responsibility as defined above shall insure that their operating forces are familiar with the rescue facilities and procedures of the SAR area in which they are operating and shall request assistance as necessary from the appropriate area SAR commander. Once the area SAR commander has been requested to provide assistance he assumes SAR control, as SAR commander".

This paragraph quoted is applicable to Operation REDWING and places certain responsibilities on CJTF SEVEN air and surface units in the ENIWETOK/BIKINI area during Operation REDWING.

- c. Commander Task Group 7.4 has been assigned the overall responsibility for search and rescue within the control area during the operational period.
- (1) The overall control of SAR Operations during shot and rehearsal periods will be delegated to the Task Group 7.4 Senior Air Controller in the Air Operations Center (AOC) by Commander Task Group 7.4.

[REDACTED]

Annex D to CTG 7.3 No. 1-56
SEARCH AND RESCUE PLAN

(2) During all other periods this SAR Operations control will be exercised through the SAR Operations Section of the Air Operations Center (AOC).

d. Commander Task Group 7.3 has been directed to provide assistance to Commander Task Group 7.4 and the area SAR Commander as necessary.

2. Tasks for Subordinate Units

a. All Task Group 7.3 units shall:

(1) Familiarize themselves and comply with the provisions of references (a), (b) and (c).

(2) Conduct SAR training and have available appropriate SAR equipment.

(3) Be prepared to provide assistance to Commander Task Group 7.4 and the area SAR Commander and to take independent action as necessary.

b. Commander Task Unit 7.3.0 shall provide a qualified officer with Commander Task Group 7.4 when that commander is carrying out his SAR functions aboard the ESTES.

3. Independent Action. DESIGNATED PRIMARY AND SECONDARY RESPONSIBILITIES IN NO WAY AFFECT THE RESPONSIBILITY OF ANY COMMANDER TO ENGAGE IN OPERATIONS UPON HIS OWN INITIATIVE AS THE CIRCUMSTANCES DICTATE. INDEPENDENT ACTION MUST BE IMMEDIATELY REPORTED TO, AND COORDINATED WITH, THE APPROPRIATE SAR COMMANDER.

4. SAR Incident. A SAR incident shall be considered imminent or existing when one or more of the following conditions exist:

a. Aircraft.

(1) When information is received that the position of an aircraft is so questionable as to give rise to doubt as to its safety.

(2) When information is received that an aircraft has definitely made a forced landing or is about to do so.

(3) When information is received from an aircraft or its operating agency which indicates that the operating efficiency of an aircraft has been impaired to the extent that a forced landing may be necessary.

Annex D to CTG 7.3 No. 1-56
SEARCH AND RESCUE PLAN

- (4) When an aircraft is overdue or unreported, as determined by the circumstances obtaining in each particular case, and when possible with the confirmation of the operating agency. Normally, an aircraft will be considered overdue when:
- (a) Its position report is thirty (30) minutes overdue in the case of piston powered aircraft and fifteen (15) minutes overdue in the case of jet powered aircraft.
 - (b) It fails to arrive within a maximum of thirty (30) minutes of its estimated time of arrival (ETA) in the case of piston powered aircraft, or within fifteen (15) minutes in the case of jet powered aircraft, and communications with the aircraft cannot be established.
- (5) When information is received that personnel have abandoned an aircraft during flight.

b. Surface Craft.

- (1) When it becomes apparent that a vessel at sea or embarked personnel are in distress or a request for assistance has been received.
- (2) When an operational commander reports a vessel as being overdue at its destination, or that a required position report is considered overdue.

5. Command and Communication

a. Command.

- (1) JTF SEVEN SAR activities shall be commanded by Commander Task Group 7.4 until such time as control is assumed by the area SAR Commander.
- (2) Location of Command Headquarters:

	<u>ASHORE</u>	<u>AFLOAT</u>
CJTF SEVEN	PARRY ISLAND	AGC
CTG 7.3	AGC	AGC
CTG 7.4	ENIWETOK IS.	AGC
CINCPAC (SAR commander, Pacific Command)	PEARL HARBOR	
COMHAWSEAFRON (area SAR commander)	PEARL HARBOR	
CO, NAVSTA KWAJALEIN (SAR Coordination Center)	KWAJALEIN	


Annex D to CTG 7.3 No. 1-56
SEARCH AND RESCUE PLAN

b. Communications. As specified in reference (b) and Annex E of this Operation Plan.

6. SAR Facilities

a. Based KWAJALEIN.

- (1) One (1) PBM-5A.
- (2) Five (5) UF.
- (3) One (1) crash boat.
- (4) One (1) UF stationed at WAKE ISLAND.

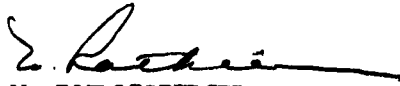
b. Based ENIWETOK.

- (1) Four (4) SA-16.
- (2) One (1) H-19 with pontoons.
- (3) One (1) crash boat.
- (4) Any TF aircraft or helicopter required during SAR emergency.
- (5) Any task group ship required during SAR emergency.

c. Based BIKINI.

- (1) Fifteen (15) Task Element 7.3.1.2 helicopters.
- (2) One (1) crash boat.
- (3) Any task group ship required during SAR emergency.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander


M. ROTH LISBERGER
LCDR, U. S. Navy
Flag Secretary

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Annex E to CTG 7.3 Operation Plan No. 1-56
COMMUNICATIONS

100 General

- a. NWP 16 and NWIP 16-1 together form the basic communication plan for the naval operating forces. Numbered articles in this plan modify or amplify similarly numbered articles in NWIP 16-1. Articles of NWIP 16-1 not specifically referred to by number in this plan are effective and are to be considered as part of this plan. Paragraphs designated by numbers suffixed with the letter "X" contain REDWING information not compatible with paragraph headings in NWIP 16-1.
- b. This annex is effective upon receipt for training and planning purposes and is fully effective concurrent with activation of circuits listed herein and the reporting of units to Commander Task Group 7.3 for operational control.
- c. A printed CONFIDENTIAL booklet listing the task organization, voice radio procedure, and voice calls will be promulgated and distributed to Task Group 7.3 units prior to 1 March 1956. These booklets should be kept available at all voice circuit stations after arrival in Pacific Proving Ground. The booklets will be serially numbered and accountability will be maintained.
- d. Circuit plans and watch bills should be prepared by Task Group 7.3 communications personnel based on the requirements listed in this annex. Communications Officers and supervisory personnel must thoroughly familiarize themselves with the details of this plan.

110 Other Publications

- a. Numbered Communication Operation Instructions (COI's) are published by CJTF SEVEN as necessary, and will take precedence over any conflicting instructions. COI's will be distributed to Task Group 7.3 units by Commander Task Group 7.3.

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

201 Communication Equipment, Maintenance, and Repair

- a. The installation of the major items of REDWING special electronics equipment is an accomplished fact and these items such as twin sideband, AN/TRC, television transmitting facility, now present a routine maintenance problem. It will be necessary for ships to maintain the special or related equipment operated by their personnel and to provide assistance where necessary for the repair of faulty electronic equipment on board.
- b. Motorola voice radio equipment obtained on a loan basis from Army sources will be shipped or delivered to Task Group 7.3 units in CONUS wherever possible. Units not receiving these radio sets (generally 2 per ship for use on the Primary Tactical and Administrative Circuits), prior to overseas deployment will receive them upon arrival at the Pacific Proving Ground. Larger units are expected to accomplish their own installations, while smaller units may need some assistance from the ET's attached to the Task Group 7.3 Boat Pool. Strict accountability for this equipment must be maintained.
- c. Equipment outages resulting in the inability to meet operational commitments will be expeditiously reported to Commander Task Group 7.3. Several ET's are assigned to Commander Task Group 7.3 to assist smaller ships and units in repair of equipment.

(chg³)

d. Cryptographic repairs - The ^{facilities} ~~facility~~ aboard the ESTES ~~is~~ and BADOENG STRAIT ^{are} available to Task Group 7.3 units as required. Replacements for CSP 2900 will be furnished in accordance with RPS 4 (D) and as directed by Commander Task Group 7.3.

- e. Crystal procurement - With the exception of the crystals required for the AN/FRC-27 and AN/TRC-34 radios. Task Group 7.3 units are responsible for procuring the crystals necessary to meet the frequency requirements outlined in Appendix 1 to this Order plus at least one spare set of crystals for each applicable frequency. Where crystals are not included in units allowance, units will make every effort to procure them prior to overseas deployment.

(1) Task Group 7.2 at ENIWETOK maintains ~~facilities for grinding crystals but these facilities are extremely limited and will be used for emergency purposes only.~~ *Change #1*

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Annex 1 to CIG 7.3 No. 1-56
COMMUNICATIONS

See Change #1

202 Specific Responsibilities

- a. The highly classified nature of REDWING together with the installation of additional communications equipment, much of which is unfamiliar to Navy personnel, imposes additional responsibilities upon Commanding Officers and communication personnel and requires that particular attention be given to unauthorized transmissions over nonsecure circuits, security measures for safeguarding Crypto material much of which has been recently added to ship's crypto allowances, and intra-ship coordination for the drafting and release of messages.
- b. Personnel training and equipment maintenance programs must be emphasized and equipment and circuitry must be tested regularly well in advance of operational need for the equipment.
- c. Commanding Officers are responsible for the proper classification of all messages transmitted from facilities on board except where the circuit shipboard terminal is manned by personnel of other Task Groups or where traffic is originated and released by personnel of staffs embarked. Commanding Officers are requested to effect expeditious processing of all messages originated by project officers and such personnel designated to file project traffic.

410 Radio Communications

In view of the heavy traffic volume expected on all circuits and the classified nature of the operation, circuit discipline must be rigorously enforced and security measures emphasized.

- a. As voice circuits are inherently more susceptible to both procedural and security violations, personnel operating these circuits shall be thoroughly familiar with ACP 125 and where time permits, especially on HF circuits, voice transmissions should be written and approved by originators prior to transmission in order to avoid the inadvertent disclosure of classified matter.
- b. Bridge or primary operating positions for voice circuits with more than one on board circuit terminal will be identified by the unit's voice call. Other operating locations will be identified by unit's call followed by a number - 1 for Radio Room or first remote, 2 for CIC or second remote, 3 for third remote. Remote operating positions guarding for a unit will identify themselves in this fashion when answering for their unit's call.

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Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

- c. Radioteletype, CW, and visual communication facilities will be used in lieu of voice circuits whenever practicable. Teletype traffic to Joint Relay Center must be sent utilizing procedure of ACP 127B.
- d. Traffic for units of Task Group 7.3 will be sent to BUHPJF (CTG 7.3 in ESTES) for further delivery to addressees except that RBHPV (Naval Station KWAJALEIN) will guard for VP-1.
- e. No radio circuit (including VHF and UHF) or telephone circuit having a radio link is approved for transmission of classified information in the clear except those employing AFSAY 806 or AFSAY 808 ciphony equipment. Operators on telephone circuits which have a radio link and not having the aforementioned ciphony equipment shall inform users that "This is a radio circuit - unclassified matter only."
- f. Code names will not be assigned to individuals; the use of personal names on voice radio circuits is authorized.
- g. The old phonetic alphabet (Able, Baker, Charlie, etc.) will be used by Task Group 7.3 units during REDWING.
- (clg3) h. *Except where otherwise authorized by C5TF7,* Approved circuits - The landline telephone, teletype, and submarine cable circuit connecting the Atolls of ENIWETOK and BIKINI are approved for transmission of traffic classified up to and including CONFIDENTIAL. This does not include RESTRICTED DATA.
- i. Boat Pool Radios - The Task Group 7.3 Boat Pool will provide, install and maintain the AN/URC-18 and AN/PRC-10 radios in boats and at Task Group 7.3 recreation areas ashore.
- j. Telephone and Submarine Cable Systems ENIWETOK-BIKINI area.
 - (1) Submarine cable facilities are provided at mooring buoys in the ENIWETOK-BIKINI area for transmission of conversation up to and including that of a CONFIDENTIAL classification (NOT TO INCLUDE RESTRICTED DATA) as follows:

PARRY ISLAND

1. Berth B-1

ENIWETOK ISLAND

1. Berth N-3
2. Berth L-2
3. Berth L-4
4. AVR Mooring Buoy
5. POL Mooring Buoy

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

- (2) Ships which have facilities will establish telephone connections with switchboard at PARRY and ENIWETOK as soon as practicable after arrival at ENIWETOK/PARRY.
- (3) ENIWETOK and PARRY telephone directories will be furnished to Task Group ships by Commander Task Group 7.3.
- (4) Ships having AN/TRC equipment installed (ESTES, CURTISS, BADOENG STRAIT and AINSWORTH) will furnish Commander Task Group 7.3 with a directory of key personnel for inclusion in the JTF SEVEN telephone directories. This information should be forwarded to Commander Task Group 7.3 as soon as practicable after receipt of this order.

421 Visual Communications - Control

Classified messages are not to be sent in the clear by visual means except when unusual circumstances prevail and the traffic cannot be passed in encrypted form. In no case shall traffic with more than a CONFIDENTIAL classification be sent in the clear and the heading of such messages shall contain the operating signal "ZNJ" meaning - "This message contains classified information. Do not transmit over nonapproved circuits."

423 Visual Communications - Security

Semaphore or blinker light using minimum brilliance consistent with satisfactory communications should be employed to transmit CONFIDENTIAL traffic when necessary to transmit visually in the clear.

- a. Vessels having three or more signalmen attached shall maintain a continuous signal watch.
- b. The Task Group 7.3 Admin Net (Channel 2) may be used to alert signal bridges.
- c. Use of Ship's Optical Equipment - Restricted to performance of official duties only. Instructions regarding precautionary measures for use of optical equipment are covered more fully in Annex "F" to this plan.

430 Transmission Security

Periodically there may be a necessity for imposing radio silent periods over all radio circuits. These periods will probably occur from several minutes prior to shot time to two minutes after the shot. Radio silence will normally be imposed on the Task Group Administrative Circuit (Channel 2) during shot time broadcast rehearsals.

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

434 Authentication

- a. All units of Task Group 7.3 shall be prepared to authenticate upon request, or when directed by Commander Task Group 7.3 or other competent authority,
- b. Joint Task Force SEVEN Authentications - Inter-Task Group Authentication utilizing the KAA22 is authorized and will normally be used when necessary to authenticate inter-Task Group communication. Navy Authentication tables may be employed for strictly Navy communications. Authentication tables in the KAA22 system will become effective 1 March 1956 and will be distributed by Commander Task Group 7.3 to Task Group 7.3 units prior to effective date.

438 Cryptographic Instructions

- a. Reports of past operations similar to REDWING have indicated a tremendous volume of classified traffic handled by participating units. In order to provide for expeditious and secure processing of cryptographic traffic, commanding officers are enjoined to assign sufficient trained personnel to cryptoboards.
- b. All Task Group 7.3 ships with the exception of the T-LST-306, T-LST-618 and the HORIZON have at least a Class 3 Pacific (Afloat) cryptographic allowance on board. The T-LST-306, T-LST-618, and the HORIZON may receive encrypted traffic by use of the AFSAM 7 system held by the ESTES and CURTISS cryptoboards.
- c. Traffic with a SECRET classification may be transmitted over Sigtot-Samson on-line facilities, but traffic classified TOP SECRET or RESTRICTED DATA will be encrypted off-line prior to transmission.
- d. Publication issues by RPIO's

When necessary to request publications by message, requests from Task Group 7.3 units shall be addressed to Naval Communications Station, Pearl Harbor, (RPIO). Delivery will be made to Officer Messenger Mail Center, PARRY ISLAND or Officer Messenger Mail Sub-Center ENYU ISLAND, as appropriate. All Task Group 7.3 custodians shall furnish a copy of Sections III and V of RPS 10A to Naval Communications Station, Pearl Harbor (RPIO) prior to arrival at ENIWETOK.

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

- e. The Joint Relay Center, ENIWETOK is cryptoguard for CJTF SEVEN ashore; The USS ESTES is cryptoguard for CJTF SEVEN and Commander Task Group 7.3 afloat (both Class 5 allowance). Commander Task Group 7.3 Representative ENIWETOK will hold a Class 5 allowance and guards for Commander Task Group 7.3 ashore.

439 Security Group

The Army Security Agency (ASA) will provide a communications security monitoring unit under the operational control of CJTF SEVEN which will monitor circuits for evidence of improper procedures, poor circuit discipline, off-frequency operation, and security violations, and will publish reports of such communication malpractices.

442 Interference

Serious circuit interference shall be reported to Commander Task Group 7.3 and CJTF SEVEN (J-5 division) by the most expeditious means.

461 Frequency Plan

JANAP 195(D) is the basic Frequency Plan for the U.S. Navy and has been adapted for Task Group 7.3 use and modified by Appendix I to this annex.

500 Fleet Broadcasts

- a. Ships will arrange own broadcast guard and ensure that any guard-ship arrangements made are positive, and leave no room for misunderstanding.

515 Press

All Task Group 7.3 units capable of so doing are expected to copy press broadcasts. SOPA ENIWETOK and SOPA BIKINI will prepare sufficient copies of daily press for dissemination to JTF SEVEN activities via morning guard mail trip or for pickup as requested.

530 Ship-Shore Communications

- a. The Joint Relay Center, ENIWETOK, will relay all traffic for transmission to addressees outside the ENIWETOK-BIKINI Danger Area except:

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

- (1) Routine administrative traffic not concerned with Operation REDWING which will be sent via Navy ship/shore circuits by the USS ESTES.
- (2) Intra-Task Group 7.3 operational traffic.
- (3) Emergency type traffic which cannot be delivered to the Joint Relay Center because of circuit failure.
- (4) Other traffic as directed by CJTF SEVEN or Commander Task Group 7.3.

b. Message Preparation and Release

- (1) All persons originating and releasing messages shall be thoroughly familiar with existing security and classification directives.
- (2) Messages pertaining to Operation REDWING addressed to activities outside the Pacific Proving Ground should be released by Commanding Officers insofar as practicable.
- (3) Certain Task Force personnel, after presentation of proper identification, are authorized to release traffic from their unit addressed to activities outside the forward area. The list of these personnel will be promulgated prior to operational phase of REDWING.

600 Movement Reports

- a. All movements of Task Group 7.3 units into and out of the ENIWETOK-BIKINI Danger Area will be previously made known to and approved by Commander Task Group 7.3 and shall be reported in accordance with NWIP 16-1. Movement reports made during the periods when the unit is under operational control of Commander Task Group 7.3 shall be unclassified after public announcement is made concerning Operation REDWING.
- b. Movements within the ENIWETOK-BIKINI Danger Area shall not be reported to the Movement Control System. In lieu of movement reports required in paragraph 600 above, units moving within the ENIWETOK-BIKINI Danger Area shall file a movement message addressed as follows:

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COMMUNICATIONS

FROM: UNIT
TO: CTG 7.3
INFO: CJTF SEVEN PARRY ISLAND, CTG 7.1, CTG 7.4, CTG 7.5,
CTG 7.3 REPRESENTATIVE ENIWETOK, OWN TU COMMANDER,
CTU 7.3.3, CTU 7.3.4

700 Weather Communications

- a. JTF SEVEN Weather Central, PARRY ISLAND is the focal point for all weather information and will disseminate pertinent operational forecasts to JTF SEVEN activities. ESTES will pass weather data to Task Group 7.3 units via the Task Group common circuit.

1131 Communication Rehearsals

- a. Communication rehearsals will be conducted in preparation for shots. All circuits will be activated simultaneously to detect interference and to test for satisfactory equipment performance. More detailed instructions concerning rehearsals will be issued by CJTF SEVEN and Commander Task Group 7.3.
- b. Voice time broadcasts will be made regularly. Schedules will be promulgated by Commander Task Group 7.3. All Task Group 7.3 units will receive Voice Time broadcasts via Channel 2 and where facilities are available will arrange for such broadcasts to be connected through the public address system.

1400 Aircraft Communications

1. The circuit descriptions and Radio frequency plan to this annex provide information on basic aircraft communications. Annex "N" provides additional information on circuit usage and aircraft contact and amplifying reports.

lx Message Delivery

Ships with project personnel embarked, will be responsible for the delivery of messages to either personnel addressed or to an administrative office, if one is established to handle such deliveries.

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

2x Class "E" Messages

The Class "E" message privilege is extended to civilians embarked on Task Group 7.3 ships. Holiday periods such as Easter may require ships to specify deadline dates for acceptance of message greetings. Personnel releasing such messages are to ensure that no classified information is included.

3x U.S. Mail, Guard Mail, Officer Messenger Mail

Covered in Annex "Q" to this Operation Plan.

4x REDWING Communication Report

- a. Prior to departure from the forward area, all Task Group ships and units shall submit a report of communication activity during Operation REDWING. Compilation of accurate traffic statistics and careful evaluation of circuit and equipment capabilities will enable Commander Task Group 7.3 to make specific recommendations with regard to the planning for future operations.

(1) Weekly traffic statistics.

These figures should reflect the total number of incoming and outgoing messages (exclusive of tactical and voice radio transmissions to which no date time group was assigned) received via radio, visually, or mail, processed through the Communications Office. Figures should be tabulated using the following suggested form which will provide most of the figures necessary for traffic analysis. In the interests of accuracy, uniformity, and for ease of compilation, the reporting week covers the period 0001 Monday to 2400 Sunday, during the period the unit is under the operational control of Commander Task Group 7.3

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

Traffic Analysis

Week ending _____

Precedence

Classification

	Z		Y		O		P		R		M		TOTALS	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
TOP SECRET														
SECRET														
CONFIDENTIAL														
UNCLASSIFIED														

TOTALS

Total Classified _____
 Total Plain _____
 Weekly Total _____

- (2) Comments are requested concerning the average times necessary for message processing - from date time group to time of receipt.
- b. Comments are requested concerning the operation of the special equipment installed for REDWING e.g. Sigtot-Samson, AN/TRC, Motorola radios, Single Sideband, Television etc. Specific information is requested regarding reliability, maintenance problems, spare parts available and simplicity of operation.
- c. Comments are requested concerning the sufficiency of communications and electronics personnel assigned and the adequacy of special training received in new equipment.
- d. An overall evaluation of REDWING communications is requested to include constructive criticism of planning, adequacy of circuits and recommendations for future operations.

5x REDWING Roll-up Plan

Prior to completion of REDWING, a communication roll-up plan will be promulgated, containing instructions

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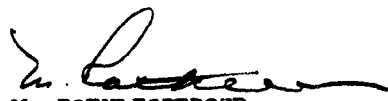

Annex E to CTG 7.3 No. 1-56
COMMUNICATIONS

for the disposition of communication equipment
procured especially for Operation REDWING.

J.H. WELLINGS
Rear Admiral, U.S. Navy
Commander

APPENDICES:

- 1 - Radio Circuit Plan
 - TABS - A Radio Circuit Description
 - B Radio Frequency Plan
 - C Aircraft Radio Frequency List
 - D Radio Circuit Diagrams
- 2 - Radio Call Signs and Code Words


M. ROTH LISBERGER
LCDR, U. S. Navy
Flag Secretary

AD-A080 272

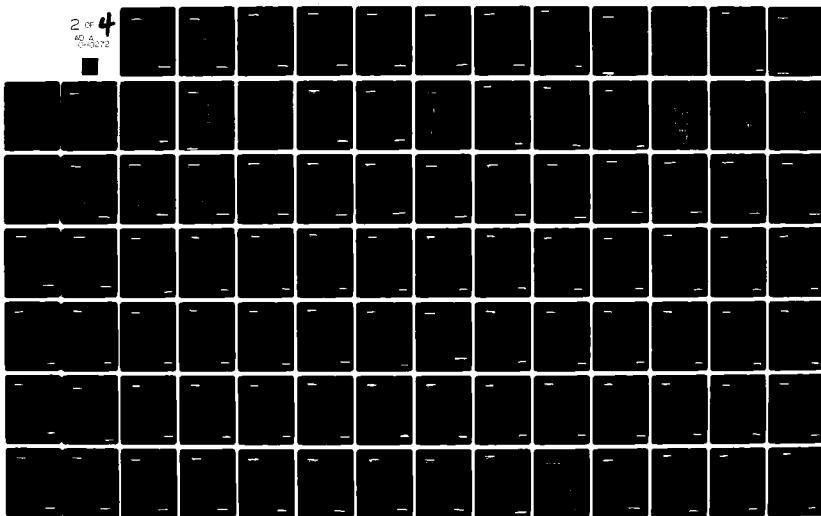
JOINT TASK FORCE SEVEN WASHINGTON DC
OPERATION REDWING COMMANDER TASK GROUP 7.3, OPERATION PLAN NUMB--ETC(U)
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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Appendix 1 to Annex E, Communications
RADIO CIRCUIT PLAN

1. The radio circuit plan is contained in Tabs A through D inclusive of this appendix.

TABS:

- A Radio Circuit Description
- B Radio Frequency Plan
- C Aircraft Radio Frequency List
- D Radio Circuit Diagrams

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Tab A to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DESCRIPTION

Channel 1a, 1b The Task Group Tactical (Maneuvering/Warning Net) shall be guarded continuously when 2 or more Task Group 7.3 ships are within VHF transmission range of each other. This channel will be used mainly for maneuvering and operational traffic. Transportation requests will be made via this circuit during Voice Time Broadcasts on Channel 2a. ~~SOPA (Admin) ENIWETOK and SOPA BIKINI will normally exercise~~

(chg 3)

~~net control. ETC 7.3 will exercise net control when present and SCPA (Admin) ETC 7.3 Rep Eniwetok and SCPA (Admin) Bikini will exercise net control during the absence of ETC 7.3.~~

Channel 2a, 2b The Task Group Administrative Net shall be guarded continuously when 2 or more Task Group 7.3 units are within VHF transmission range. Commander Task Group 7.3 ~~Representative ENIWETOK and SOPA BIKINI will exercise net control~~

(chg 3)

~~This net will be used as the primary circuit for small boat and helicopter transportation requests and Voice Time Broadcasts.~~ *when present and SCPA (Admin) ETC 7.3 Representative Eniwetok and SOPA (Admin) Bikini will exercise net control during the absence of ETC 7.3.*

Channel 3 The Command/Relay net is for the use of the larger ships provided with a spare receiver in their Channel 1 Set. These ships have the capability of establishing a small network among themselves, or ~~extending operating range~~ *(chg 3)* ~~by relaying traffic between smaller units on Channel 1a to units having Channel 3 capability.~~ This circuit will be activated as directed by Commander Task Group 7.3.

Channel 4a, 4b, 4c The Task Group CW Common (4a and 4b) will be split with 4a being used by all Task Group 7.3 ships at BIKINI and 4b being used by all Task Group 7.3 ships and Commander Task Group 7.3 Representative ENIWETOK. The ESTES will maintain a guard on both circuits. Ships will shift frequencies at the mid-point between atolls. All ships reporting at ENIWETOK will activate circuit 4b at least 6 hours prior to entering the danger area and inform Commander Task Group 7.3 (Net Control) of their operator schedule as outlined in NWIP 16-1 section 504. The ESTES will utilize the net to pass specifically addressed HOW FOX traffic to ships who have requested


Tab A to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DESCRIPTION

guardship arrangements, and will also pass selected general messages, including area weather. Channel 4c is spare frequency which may be used as a CW circuit for Program II units when so directed by Commander Task Group 7.3.

- Channel 5 The Task Group 7.3 HF Voice common net will be guarded continuously by the ESTES and BADOENG STRAIT and by other Task Group 7.3 ships with adequate equipment when beyond transmission range on Channels 1a and 2a. This circuit will also be used as a backup for Program II Voice Net (Channel 11a, b) when so authorized by Commander Task Group 7.3.
- Channel 6 Combat Information Net shall be guarded in CIC equipped vessels when controlling aircraft or when 2 or more vessels are maneuvering as a unit under an OTC.
- Channel 7 The RATT component of the Pearl Primary Fleet Broadcast shall be copied by all radio teletype equipped ships. Ships unable to copy HOW FOX shall make guardship arrangements with ESTES, CURTISS, BADOENG STRAIT or other ship in vicinity. ESTES only is authorized to pass HOW FOX traffic and General Messages via Task Group Common circuit. Each Thursday the ESTES will send via guard mail, copies of B3.1 Fox log sheets and General Messages for all ships for whom she is guard. Guardship arrangements between ships should include regular turnover of log sheets. Ship Movement Reports should indicate continuous coverage of HOW FOX from time of arrival in the ENIWETOK-BIKINI area until departure.
- Channel 8 Pearl Primary General Broadcast will be guarded by ESTES and CURTISS. ESTES will relay weather and pertinent HydroPacs received this net via the Task Group CW Common. Log sheets will be distributed by ESTES simultaneously with Channel 7 log sheets.
- Channel 9 Primary Ship/Shore circuit will be used solely by the ESTES to pass Task Group 7.3 traffic of a non-operational nature. Ships under the operational control of Commander Task Group 7.3 are not authorized to use Primary Ship/Shore



Tab A to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DESCRIPTION

circuit except when not within range of Task Group 7.3 communication circuits. ESTES will guard for CJTF SEVEN when embarked and will be prepared to pass CJTF SEVEN and Commander Task Group 7.3 traffic specifically designated for delivery via this circuit, and traffic with FLASH and EMERGENCY precedence.

Channel 10a, Harbor Common Voice and CW will be used for communication
 10b between Joint Relay Center, ENIWETOK (guarding for Commander Task Group 7.2, and Commander Task Group 7.4 and CTG 7.3 and the ESTES. *Rep PARRY (Ch 3)*

Channel 11a, Channel 11a is Program II Plot/Ship/Primary HF Voice
 11b circuit for communications between Program II Plot on board the ESTES, and ships assisting Projects 2.62 and 2.63. Channel 11b is the Secondary and may be used if interference is encountered on Channel 11a. *Change #1*

Channel 12 Channel 12 is Navigational Net for communications between Program II Plot and P2V5 aircraft assigned to Project 2.64. In addition to Program II information, aircraft will send hourly position reports via this circuit to be relayed to Task Group 7.4 Air Controller on ESTES. Hourly position reports will be made to VP-1 Base Operations via Channel 16. Task Group 7.3 HF Voice Common (Channel 5) may be used as voice backup in event of equipment failure on Channels 11, or 12. Task Group 7.3 CW Common (Channel 4c) may be used in lieu of either Channel 11 or 12 for ships or aircraft beyond transmission range on those channels.

Channel 13 Program II UHF Net for use between ships and aircraft assisting Projects 2.62, 2.63, and 2.64. All units assisting Projects 2.62, 2.63, and 2.64 included this net except Program II Plot.

Channel 14 HF Telemetry circuit from #1 or #3 P2V aircraft to Program II Plot. Aircraft transmit, ESTES receive only.

Channel 15 HF Telemetry circuit from #2 or #4 P2V aircraft assisting Project 2.64. Aircraft transmit, ESTES receive only.



[REDACTED]

Tab A to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DESCRIPTION

- Channel 16a, 16b VP-1 KWAJALEIN - Commander Task Group 7.3 - P2V5 A/C circuit for communications between VP-1 at NAS KWAJALEIN, Commander Task Group 7.3, and the P2V5 aircraft. Information received via this net by the ESTES will be passed to Task Group 7.4 Air Controller. Channel 16a is Primary, Channel 16b is Secondary and may be used if interference is encountered on 16a.
- Channel 17 Commander Task Group 7.3 - VP-1 KWAJALEIN CW circuit will be activated as directed by Commander Task Group 7.3. It will be utilized to handle any administrative traffic overload on Channel 16.
- Channel 18a, 18b Airborne helicopters will guard Channel 18a with Helicopter Control. Channel 18b is Secondary and will be used as directed by Helicopter Control or by helicopters engaged in special missions as radsafe survey flights.
- Channel 19a, 19b Task Group 7.3 Boat Pool Primary circuit 19a controlled by the Navy Boat Pool Dispatcher serves as the Secondary for Task Group 7.5 Boat Pool. Channel 19b Task Group 7.5 Primary is Task Group 7.3 Boat Pool Secondary. All boats including those engaged in transporting recreation parties will maintain communications with Boat Pool Dispatcher.
- Channel 20a ESTES - CURTISS AN/TRC circuit consists of 3 unclassified voice circuits and 4 teletype circuits between the two ships. The voice circuits can be utilized by dialing the ships switchboard and requesting the number desired on the other ship.
- Channel 20b ESTES - BADOENG STRAIT AN/TRC circuit consists of 3 voice circuits and 4 teletype circuits, of which one voice circuit from BADOENG STRAIT will be patched through ESTES switchboard to CURTISS.
- Channel 20c CURTISS - AINSWORTH AN/TRC circuit - Consists of 3 voice and 4 teletype circuits between the CURTISS and AINSWORTH. The telephone circuits are not secure.

Tab A to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DESCRIPTION

- Channel 20d ESTES - Nan AN/TRC circuit for 3 channel voice, 4 channel teletype with Nan.
- Channel 20e CURTISS - Nan AN/TRC circuit for 3 channel voice, 4 channel teletype communication with Nan.
- Channel 21a, 21e *20F added - See Change #1*
Emergency SAR circuits to be guarded by SOPA ENIWETOK and SOPA BIKINI or by Task Group 7.3 units designated by SOPA as guardships, *when steaming independently, ships will guard in accordance with article 3120 of NWIP 16-9. (Obj 3)*
- Channel 22a, 22b
Television circuits with transmitting station located on board the BADOENG STRAIT. Primary circuit will be channel 4 on commercial television sets. Channel 2 (commercial TV sets) will be the secondary if interference is encountered on channel 4. The Commanding Officer, BADOENG STRAIT is responsible for television station operation with respect to specific precautions being taken to prevent unauthorized transmissions. This circuit is not to be activated, ~~except for test purposes and then only in clear space~~ *more than 180 miles from populated areas as Continental U.S. and Pearl Harbor, unless authorized by CTG 7.3.*
- Channel 23a, 23b
Task Group 7.4 UHF Air Control Channels 12 UHF circuits allocated to Task Group 7.4 for Air Control terminating in ESTES CIC.
- Channel 24a, 24b
Task Group 7.4 Air Control - ENIWETOK circuit - This circuit is HF Voice backup for Task Group 7.4 twin sideband circuit. ESTES will be prepared for immediate activation of this circuit in event of sideband failure.
- Channel 25a, 25b
Task Group 7.4 Air Control - ENIWETOK circuit - Same requirement as for channel 24a, b.
- Channel 26
ESTES - Task Group 7.4 Aircraft circuit - HF Voice circuit for control of samplers, weather aircraft etc.
- Channel 27
AFSAY 808 ESTES - CURTISS - TAP - ENYU circuit. For scrambled voice communications using AN/GRC-27 equipment. This circuit is cleared for voice traffic up to and including that with SECRET classification.

Tab A to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DESCRIPTION

- Channel 28 AFSAY 806 CURTISS - ELMER circuit for scrambled voice communications up to and including that with a SECRET classification.
- Channel 29 ESTES - ENIWETOK Twin Sideband circuit consisting of voice circuits, teletype circuits. Teletype component backed up by ESTES 4 channel electronic multiplex equipment (Channel 34). Voice component backed up by channels 24 and 25 equipment.
- Channel 30 CJTF SEVEN - ENIWETOK HF Voice circuit back up for CJTF SEVEN Twin Sideband voice circuits. ESTES be prepared for immediate activation this circuit in event of sideband failure.
- Channel 31a, 31b Weather Central, PARRY/ESTES simplex radio ~~facsimile~~ circuits.
- Channel 32 Weather Central PARRY/ESTES duplex RATT circuit terminating in Aerological Office on ESTES. *The twin sideband (Channel 29) will be used on this circuit. (Chg 3)*
- Channel 33 BADOENG STRAIT/Joint Relay Center duplex RATT circuit. primarily for servicing embarked units. *This circuit is inactive until further notice unless otherwise directed by component authority. (Chg 3)*
- Channel 34 Electronic Multiplex to be used as teletype backup for twin sideband equipment (Channel 29).
- Channel 35 Eniwetok Buoy System back-up (Elmer Switchboard).*

CUT-OUT #1

1A	Primary Tactical	164.025 mc	36F3		J-309.1
1B	Secondary Tactical	282.8 mc	6A3	C25(af)	J-309.2
2A	Primary Admin. Net	168.975	36F3		J-307.1
2B	Secondary Admin. Net	277.8 mc	6A3	C25(ac)	J-307.2
3	Command/Relay	164.975 mc	36F3		J-330
4A	TG 7.3 CW BIKINI Common	428 kc	0.1A1/6A3		J-300.1
4B	TG 7.3 CW ENIWETOK Common	N 2130 kc D 6445 kc	0.1A1	C3.17(g)	J-300.2a J-300.2b
4C	TG 7.3 CW Common Secondary	N 2594 kc D 6285 kc	0.1A1	C3.28(h)	J-300.3a J-300.3b
5	TG 7.3 HF Voice Common	P 2744 kc S 5475 kc	0.1A1/6A3	C3.18(f) G1(i)	J-305a J-305b
6	Combat Info Net	341.0 mc	6A3	C25(bm)	J-341
7	Pearl Primary Flt. Bcst.	JANAP 195(D)	1.24F1	B3.1	
8	Pearl Primary Gen. Bcst.	JANAP 195(D)	1.24F1	B16	
9	Primary Ship/Shore	JANAP 195(D)	0.1A1	A1	J-301
10A	Harbor Voice Common	2716 kc	6A3	A3(c)	J-206.1
10B	Harbor CW Common	2836 kc	0.1A1	A2(d)	J-206.2
11	Program II Plot/Ships Nav. Net	5290 kc	6A3/0.1A1		J-332
12	Program II Plot/Air/Ship Nav. Net	N 3088 kc D 6745.5 kc	6A3/0.1A1	G1(f) C3.29(i)	J-125
13	Program II Plot/Ship/Acft UHF Net	263.4 mc	6A3	C25(o)	J-160
14	Program II Plot/Acft Telemetering	N 3130 kc D 6693 kc	6A3	K1(d) K1(g)	J-163.1a J-163.1b
15	Program II Plot/Acft Telemetering	N 3151 kc D 6708 kc	6A3	K1(a) K1(k)	J-163.2a J-163.2b
16A	VP-1 - CTG 7.3 - P2V5 Acft Primary	3102 kc 5725.5 kc	0.1A1/6A3		J-339.1a J-339.1b

Tab B to Appendix 1, Radio Circuit Plan
RADIO FREQUENCY PLAN

Circuit Name	FREQUENCIES	TYPE EMISSION	JANAP 195(D) DESIGNATOR	JTF-7 DESIGNATOR	CTG 7.3 Admin. PARTY & DR-3 (cl.3)	CTG 7.3 Afloat SYSTEM
	A	B	C	D	E	F
1A Primary Tactical	164.025 mc	36F3		J-309.1	G	* G
1B Secondary Tactical	348.6 mc	6A3		J-309.2		L
2A Primary Admin. Net	168.975 mc	36F3		J-307.1	G	G
2B Secondary Admin. Net	277.8 mc	6A3	025(ac)	J-307.1		L
3 Command/Relay	164.975 mc	36F3		J-330	G	* G
4A TG 7.3 CW BIKINI Common	428 kc	0.1A1/6A3		J-300.1		* G
4B TG 7.3 CW ENIWETOK Common	N 2130 kc D 6445 kc	0.1A1	03.17(g)	J-300.2	G	* G
4C TG 7.3 CW Common Secondary	N 2594 kc D 6285 kc	0.1A1	03.28(h)	J-300.3		
5 TG 7.3 HF Voice Common	P 2744 kc S 5475 kc	0.1A1/6A3	03.18(r) 01(1)	J-305	L	* G
6 Combat Info Net	341.0 mc	6A3	025(bm)	J-341		* G
7 Pearl Primary Flt. Best.	JANAP 195(D)	1.24F1	B3.1			CY
8 Pearl Primary Gen. Best.	JANAP 195(D)	1.24F1	B16			CY
9 Primary Ship/Shore	See COI's	0.1A1	A1	J-301		G
10A Harbor Voice Common	2716 kc	6A3	A3(e)	J-206.1	L	G
10B Harbor CW Common	2836 kc	0.1A1	A2(d)	J-206.2	L	G
11 Program II Plot/Ships Nav. Net	5290 kc	6A3		J-123		
12 Program II Plot/Air/Ship Nav. Net	N 3088 kc D 6745.5 kc	6A3	01(r) 03.29(j)	J-125		
13 Program II Plot/Ship/Acft UHF Net	263.4 mc	6A3	025(o)	J-160		
14 Program II Plot/Acft Telemetering	N 3151 kc D 6693 kc	6A3	K1(a) K1(r)	J-163.1		
15 Program II Plot/Acft Telemetering	N 3130 kc D 6708 kc	6A3	K1(d) K1(k)	J-163.2		
16A VP-1 - CTG 7.3 - P2V5 Acft Primary	3088 kc 6745.5 kc	0.1A1/6A3	01(r) 03.29(j)	J-339		* G

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CUT-OUT #2

16B	VP-1 - CTG 7.3 - P2V5 Acft Secondary	9009.5 kc	0.1A1/6A3	E25(c)	J-339.2
17	CTG 7.3 - VP-1 KWAJALEIN	a 2815 kc b 5120 kc c 9328 kc	0.1A1 SIMPLEX	P33(a)	J-302
18A	Helicopter Control Primary	237.8 mc	6A3	C25(d)	J-342a
18B	Helicopter Special Missions	318.6 mc	6A3	C25(ay)	J-342b
19A	TG 7.3 Boat Pool Primary	52.8 mc	36F3	D124(b)	J-314
19B	TG 7.3 Boat Pool Secondary	52.1 mc	36F3		J-314
20A	ESTES - CURTISS AN/TRC	AGC T 99.6 AV T 76.0	36F3		J-321
20B	ESTES - BADOENG STRAIT AN/TRC	AGC T 98.3 CVE T 75.4	36F3		J-320
20C	CURTISS - AINSWORTH AN/TRC	AV T 78.0 TAP T 98.0	36F3		J-138.4
20D	ESTES - NAN AN/TRC	AGC T 95.4 NAN T 72.8	36F3		J-138.3
20E	CURTISS - NAN AN/TRC	AV T 177.25 NAN T 163.75	36F3		J-137
20F	CURTISS - BADOENG STRAIT AN/TRC		36F3		SEE: 20A and 20B
21A	Military Common Emergency	243.0 mc	6A3	E12(m)	CHANNELS
21B	Emergency/Distress	121.5 mc	6A3	E12(k)	
21C	International Distress	500 kc	0.1A1	E12(a)	
21D	International Lifeboat	8364 kc	0.1A1	E12(i)	
21E	Scene of SAR	3023.5 kc	0.1A1/6A3	E12(d)	
22	Television Net	Commer.TV Channel 4			J-333
23	TG 7.4 UHF Air Control Channels (23 Frequencies) See Note: 1		6A3		J-428
24A	TG 7.4 (ESTES)	2212.5 kc	6A3		J-407a
24B	TG 7.4 (ENIWETOK) (Freqs. listed 4930 and 6010 kc on share basis)	4930 kc	6A3		J-407b
25A	TG 7.4 (ESTES)	2808 kc	6A3		J-408a
25B	TG 7.4 (ENIWETOK)	6010 kc	6A3		J-408b
26	ESTES - TG 7.4 Acft	a 3116 kc b 4745.5 kc c 5703.0 kc	6A3		J-441
27	ESTES - CURTISS - AINSWORTH ENYU AFSAY 808	P 250.4 mc S 396.0 mc	6A3		J-161 See Note#5

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Tab B to Appendix 1, Radio Circuit Plan
RADIO FREQUENCY PLAN

	Circuit Name	A	B	C	D	E	F
16B	VP-1 - CTG 7.3 - P2V5 Acft Secondary	9009.5 kc	0.1A1/6A3	E25(c)	J-339		* G
17	CTG 7.3 - VP-1 KWAJALEIN	a2815 kc b5120 kc c9328 kc	0.1A1 SIMPLEX	P33(a)	J-302		* G
18A	Helicopter Control Primary	237.8 mc	6A3	C25(d)			
18B	Helicopter Special Missions	318.6 mc	6A3	C25(ay)			
19A	TG 7.3 Boat Pool Primary	52.8 mc	36F3	D124(b)	J-314		
19B	TG 7.3 Boat Pool Secondary	52.1 mc	36F3		J-115		
20A	ESTES - CURTISS AN/TRC		36F3				G
20B	ESTES - BADOENG STRAIT AN/TRC		36F3		J-320		G
20C	CURTISS - AINSWORTH AN/TRC		36F3		J-331		
20D	ESTES - MAN AN/TRC		36F3				G
20E	CURTISS - MAN AN/TRC		36F3				
20F	CURTISS - BADOENG STRAIT AN/TRC		36F3				
21A	Military Common Emergency	243.0 mc	6A3	E12(m)	CHANNELS	21A THROUGH	
21B	Emergency/Distress	121.5 mc	6A3	E12(k)			
21C	International Distress	500 kc	0.1A1	E12(a)			
21D	International Lifeboat	8364 kc	0.1A1	E12(i)			
21E	Scene of SAR	3023.5 kc	0.1A1/6A3	E12(d)			
22	Television Net	Commer. TV Channel			J-333A		ALL SHIPS
23	TG 7.4 UHF Air Control Channels (23 Frequencies) See Note: 1		6A3		J-428		
24A	TG 7.4 (ESTES)	2212.5 kc	6A3		J-407		
24B	TG 7.4 (ENIWETOK) (Freqs. listed 4930 and 6010 kc on share basis)	4930 kc	6A3		J-407		
25A	TG 7.4 (ESTES)	2808 kc	6A3		J-408		
25B	TG 7.4 (ENIWETOK)	6010 kc	6A3		J-408		
26	ESTES - TG 7.4 Acft	a3116 kc b5703 kc c6730.5 kc	6A3		J-441		
27	ESTES - CURTISS - AINSWORTH ENYU AFSAY 808	P 250.4 mc S 282.8 mc	6A3	C25(af)	J-161		

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	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	
) J-339			*G		L																G	
) J-302			*G																			
)							*G												G			
)				G			*G												G			
) J-314								G													*G	
J-115								L													L	
J-320			G			G																
J-331							G		G													
			G																			
							G															
							G	G														
) CHANNELS 21A THROUGH 21E	SEE NOTE 4																					
J-333A	ALL SHIPS EQUIPPED WITH TELEVISION RECEIVERS																					
J-428					*G																	
J-407					G																	
J-407					G																	
J-408					G																	
J-408					G																	
J-441					G																	
) J-161				G		G			G													

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CUT-OUT #3

	Circuit Name	A	B	C	D	E	F	G
28	CURTISS - ELMER AFSAY 806	No Freqs. Required	6A3					
29	ESTES - ENIWETOK Twin Sideband	ESTES T 2240 kc ENIWETOK T 2690 kc	12A9C	Q1(h) A4.9(e)	J-204.1 J-204.2			G
30	CJTF 7 - ENIWETOK HF Voice	ENIWETOK T 2342 kc 4500 kc 7450 kc ESTES T 2040 kc 4540 kc 7380 kc	6A3		J-230			G
31A	Weather Center PARRY - ESTES	N 2096 kc D 5255.5 kc	4F4		J-440.1			G
31B	Simplex Radio Facsimile	N 3160 kc D 5306 kc	4F4		J-440.2			G
32	Weather Center PARRY - ESTES Duplex RATT	Send via Sideband (Channel 29)						G
33	BADOENG STRAIT - Joint Relay Center Duplex RATT (5882.5 kc restricted to 0800 to 1800 local) See Note: 5	ENIWETOK T a 2796 kc b 5092.5 kc c 7875 kc CVE T d 3220 kc e 5882.5 kc f 7550 kc	1.24F1	A4.9(f)	J-226			
34	Electronic Multiplex	ENIWETOK T a 2205 kc b 4902.5 kc c 6915 kc ESTES T d 2478 kc e 4630 kc f 6507.5 kc	2.85F1		J-401			
35	Telephone Buoy Sys Back-up	SHIPS T 93.8 mc ELMER T 72.2 mc			J-340			G

Change #3

CUT-OUT #3

C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
b)	J-204.1			G																	
(e)	J-204.2			G																	
	J-230			G																	
	J-440.1		G																		
	J-440.2		G																		
			G																		
(f)	J-226						G														
	J-401																				
	J-340		G			G	G		G												

Tab B to Appendix 1, Radio Circuit Plan
RADIO FREQUENCY PLAN

	Circuit Name	A	B	C	D	E	F
28	CURTISS - ELMER AFSAY 806	No Freqs. Required	6A3				
29	ESTES - ENIWETOK Twin Sideband	ESTES T 2240 kc ENIWETOK T 2690 kc	12A9C	Q1(h) A4.9(e)	J-204		
30	CJTF 7 - ENIWETOK HF Voice						
31A	Weather Center PARRY - ESTES	N 2096 kc D 5255.5 kc	4F4		J-440.1		G
31B	Simplex Radio Facsimile	N 3160 kc D 5306 kc	4F4		J-440.2		G
32	Weather Center PARRY - ESTES Duplex RATT	PARRY T a 2742 kc b 4500 kc c 7450 kc ESTES T d 2040 kc e 4540 kc f 7360 kc	1.24F1	D113(a)	J-227		G
33	BADONG STRAIT - Joint Relay Center Duplex RATT (5882.5 kc restricted to 0800 to 1800 local)	ENIWETOK T a 2796 kc b 5092.5 kc c 7875 kc CVR T d 3220 kc e 5882.5 kc f 7550 kc	1.24F1	A4.9(f)	J-226		
34	Electronic Multiplex	ENIWETOK T a 2205 kc b 4902.5 kc c 6915 kc ESTES T d 2478 kc e 4630 kc f 6507.5 kc	2.85F1		J-401		

NOTE 1: Channel 23 Frequencies, all in megacycles:

NOTE 2:

263.0, 264.2, 265.0, 268.2, 269.8, 299.4, 299.6,
 310.4, 323.4, 325.6, 329.2, 341.0, 342.6, 345.8,
 348.6, 352.2, 358.6, 369.8, 373.8, 381.8, 385.8,
 386.6, 389.8.

Channels for which included will be pr date.

19341

G	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
						G															
Q1(h) A4.9(e)	J-204			G																	
	J-440.1		G																		
	J-440.2		G																		
D113(a)	J-227		G																		
A4.9(f)	J-226						G														
	J-401																				

NOTE 2:

Channels for which frequencies are not included will be promulgated at a later date.

NOTE 3:

Not Control as indicated or to be designated at later date.

NOTE 4: To be guarded in accordance with Art. 812 of NWIP 16-1.

19211

**Tab B to Appendix 1, Radio Circuit Plan
RADIO FREQUENCY PLAN**

UHF CRYSTALIZATION PLAN FOR CHANNEL 23 (NOTE 1)

Channel 23 frequencies must be used in sets of 12 as designated below.

	<u>Set 1</u>	<u>Set 2</u>	<u>Set 3</u>	<u>Set 4</u>	<u>Set 5</u>	<u>Set 6</u>	<u>Set 7</u>
a.	264.2	264.2	264.2	264.2	265.0	265.0	265.0
b.	269.8	269.8	269.8	269.8	269.8	269.8	269.8
c.	299.4	299.4	299.6	299.6	299.4	299.4	299.6
d.	310.4	310.4	310.4	310.4	310.4	310.4	310.4
e.	325.6	325.6	325.6	325.6	325.6	325.6	325.6
f.	329.2	329.2	329.2	329.2	329.2	329.2	329.2
g.	357.0	358.6	357.0	358.6	357.0	358.6	358.6
h.	369.8	369.8	369.8	369.8	369.8	369.8	369.8
i.	373.8	373.8	373.8	373.8	373.8	373.8	373.8
j.	381.8	381.8	381.8	381.8	381.8	381.8	381.8
k.	385.8	385.8	385.8	385.8	385.8	385.8	385.8
l.	389.8	389.8	389.8	389.8	389.8	389.8	389.8

Note 2: Ships guarding CTG 7.3 circuits using a night (N) and day (D) frequency, and which are so marked in the Annex E Frequency Plan (Tab B to Appendix 1, Radio circuit Plan), will shift at 0600 and 1800 local, daily unless otherwise directed.

Note 3: Net Control as indicated or to be designated at later date.

Note 4: To be guarded in accordance with Art. 812 of NWIP 16-1.

Note 5: Channel 33 is inactive until further notice unless otherwise directed by competent authority.

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Tab C to Appendix 1, Radio Circuit Plan
AIRCRAFT RADIO FREQUENCY LIST

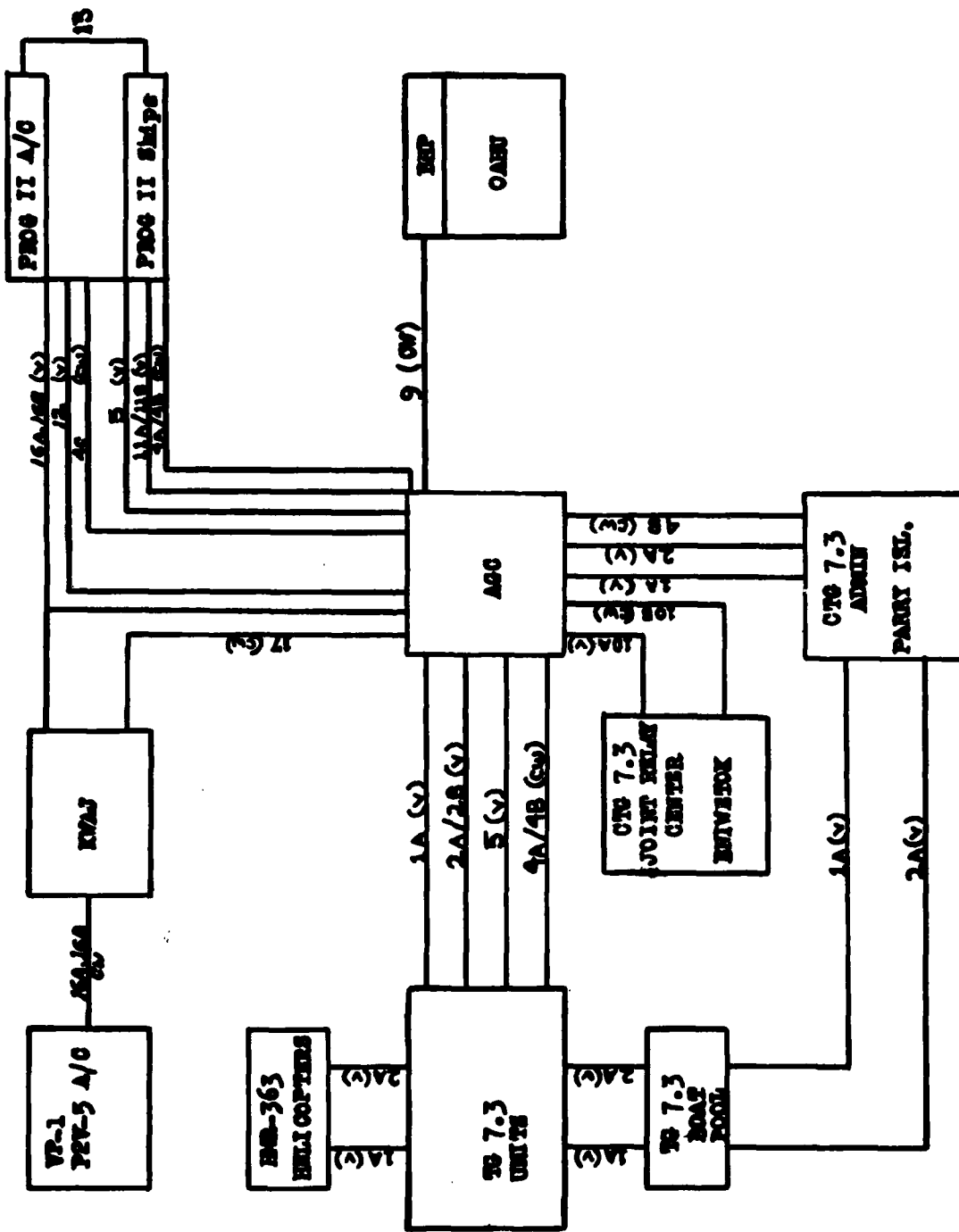
1. Aircraft Channelization

<u>PURPOSE</u>	<u>CHANNEL</u>	<u>FREQUENCY (MCS)</u>
Control Tower (P)	1	236.6
Control Tower (S)	2	275.8
Control Tower (Special)	3	257.0
As required	4	
As required	5	
Tactical - As required	6	
Tactical - As required	7	
Tactical - As required	8	
Tactical - As required	9	
GCI Common - As required	10	
Tactical - As required	11	
As required	12	
Pilot to Forecaster	13	344.6
UHF/DF	14	305.4
Approach Control	15	363.8
GCA (Search)	16	335.8
GCA (Final)	17	289.4
GCA	18	

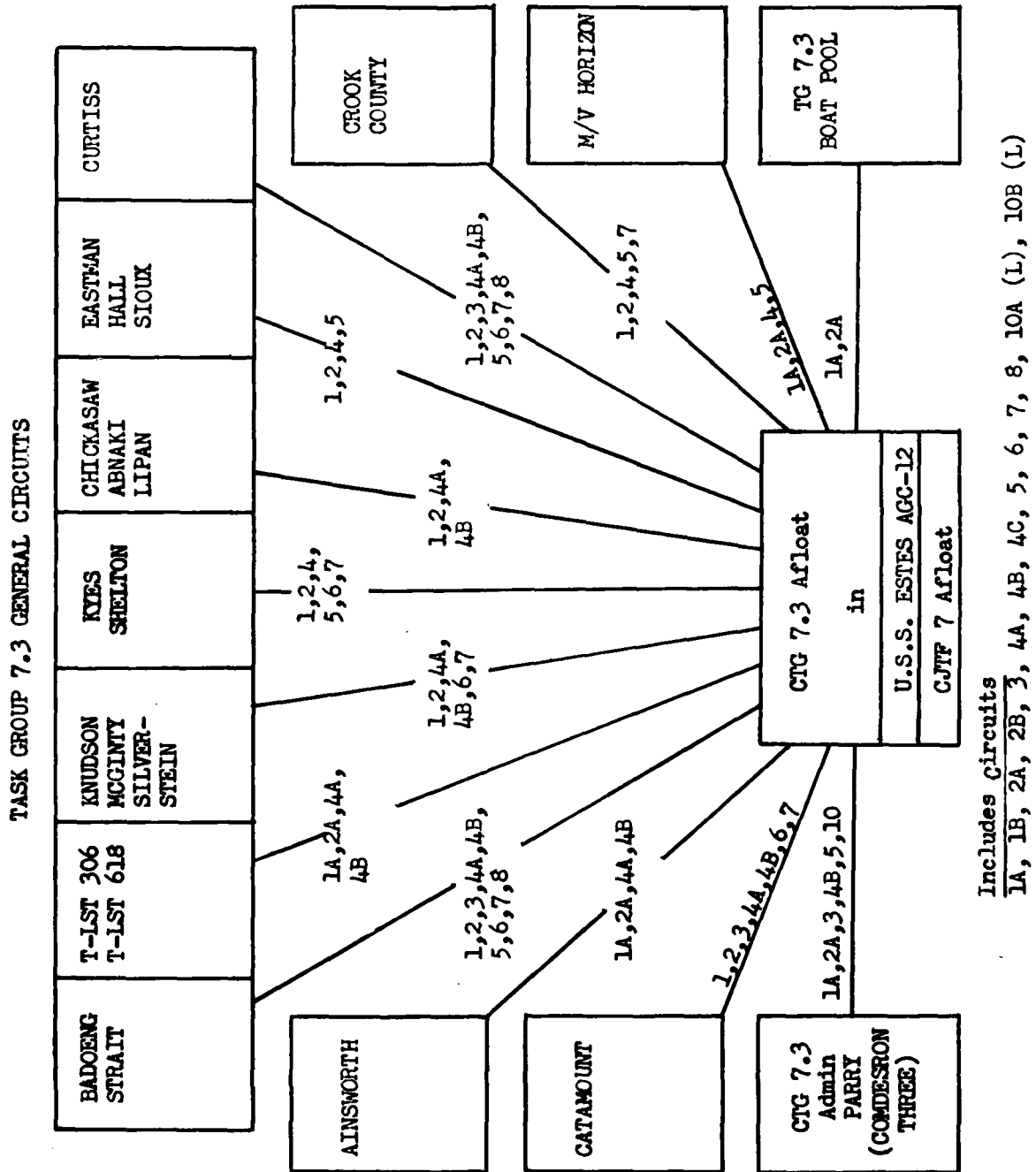
~~SECRET~~ Confidential (change #1)

Tab D to Appendix 1. Radio Circuit Plan
 RADIO CIRCUIT DIAGRAMS

TASK GROUP 7.3 BASIC CIRCUIT DIAGRAM



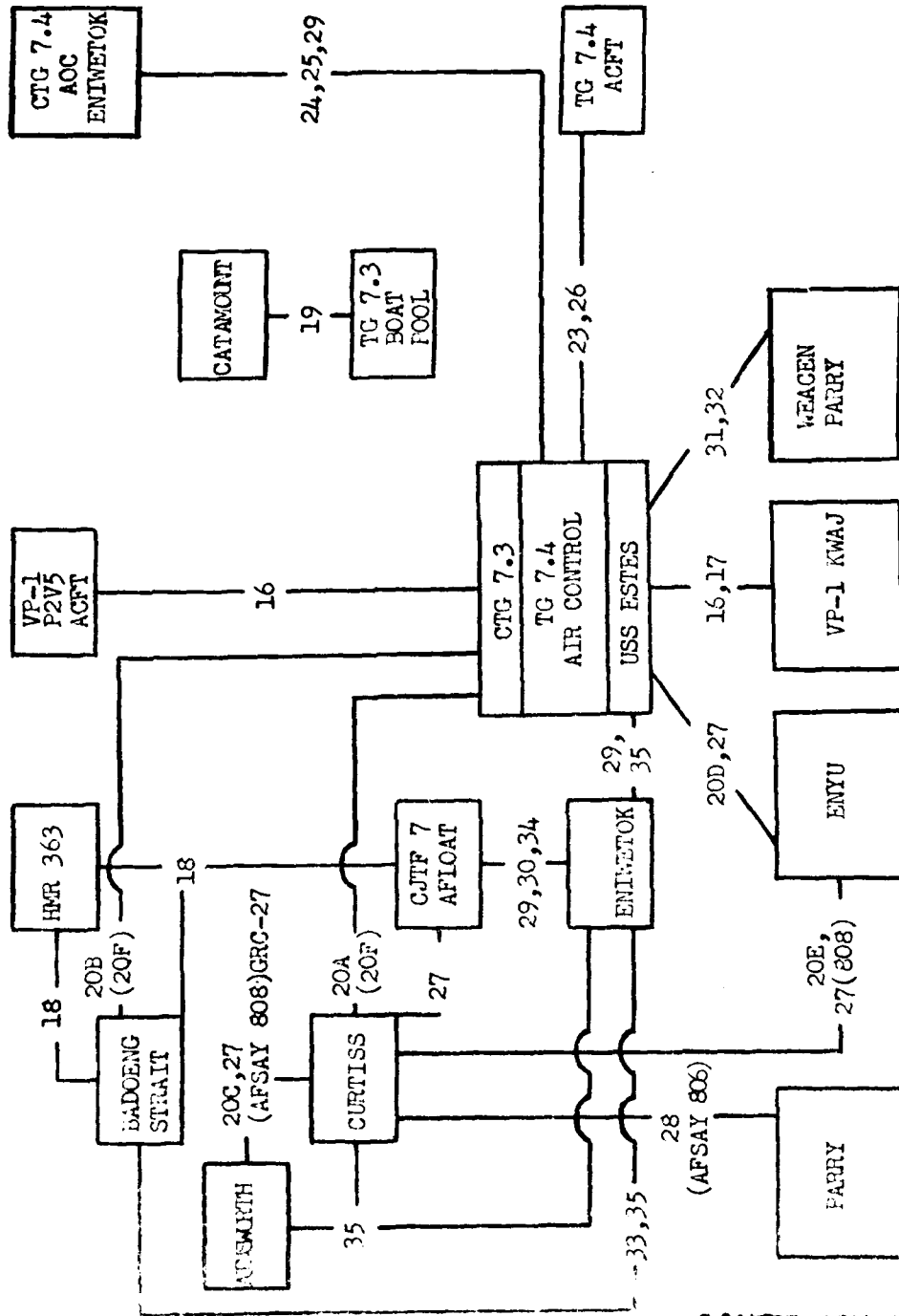
Tab D to Appendix 1, Radio Circuit Plan
 RADIO CIRCUIT DIAGRAMS



Joint Task Force SEVEN
 Task Group 7.3
 Fleet Post Office
 San Francisco, California
 24 April 1956; 1300M

Tab D to Appendix 1, Radio Circuit Plan
 RADIO CIRCUIT DIAGRAMS

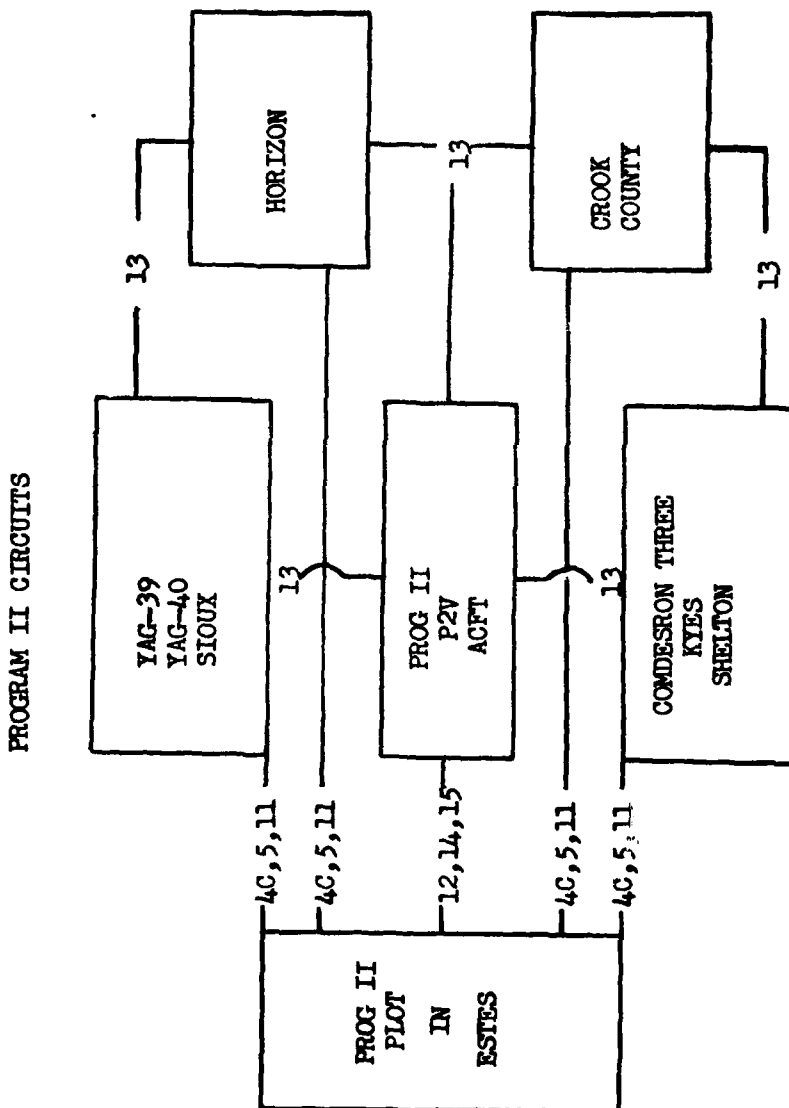
TASK GROUP 7.3 SPECIAL CIRCUITS



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Joint Task Force SEVEN
Task Group 7.3
Fleet Post Office
San Francisco, California
24 April 1956; 1300M

Tab D to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DIAGRAMS



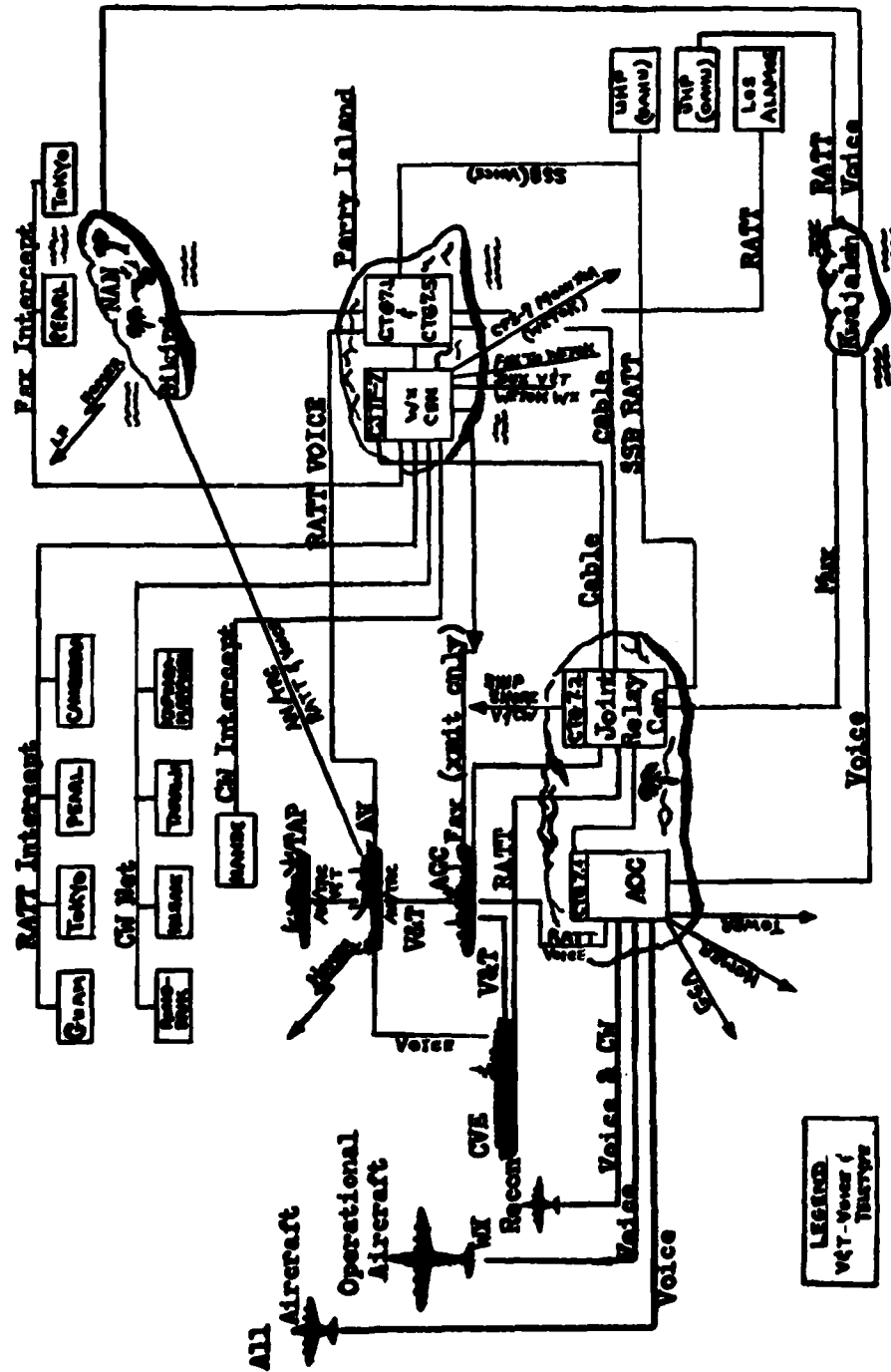
~~CONFIDENTIAL~~

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 24 January 1956; 1000R

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Tab D to Appendix I. Radio Circuit Plan
 RADIO CIRCUIT DIAGRAMS

PRINCIPAL TASK FORCE CIRCUITRY



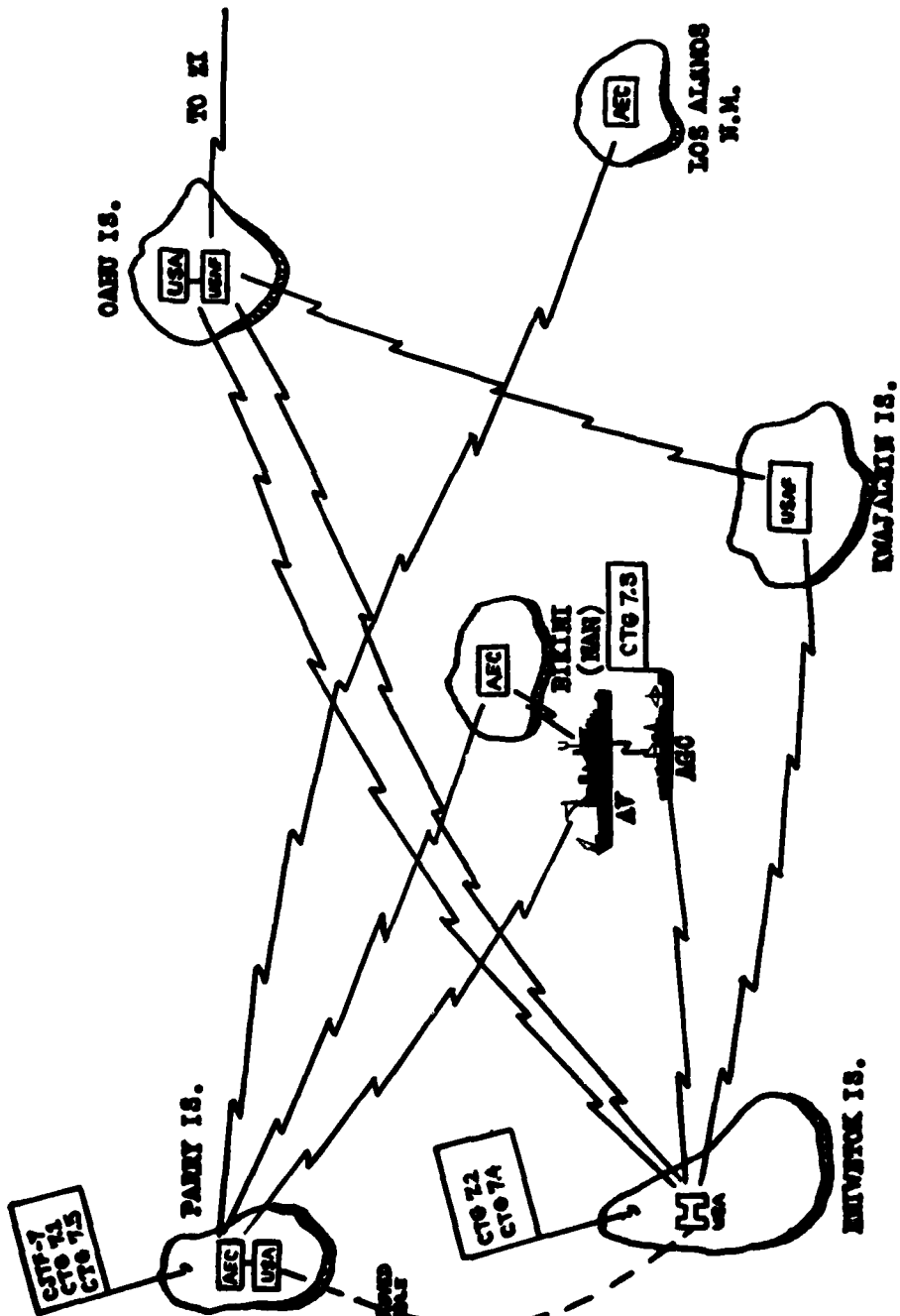
LEGEND
 VST - VOICE /
 TRAFFIC

Confidential

~~SECRET~~ Confidential (change #1) Task, Group 7.3
 Washington 25, D. C.
 24 January 1956; 1000R

Tab D to Appendix 1, Radio Circuit Plan
 RADIO CIRCUIT DIAGRAMS

ON LINE TELETYPE NETWORK



E-1-D-3⁶

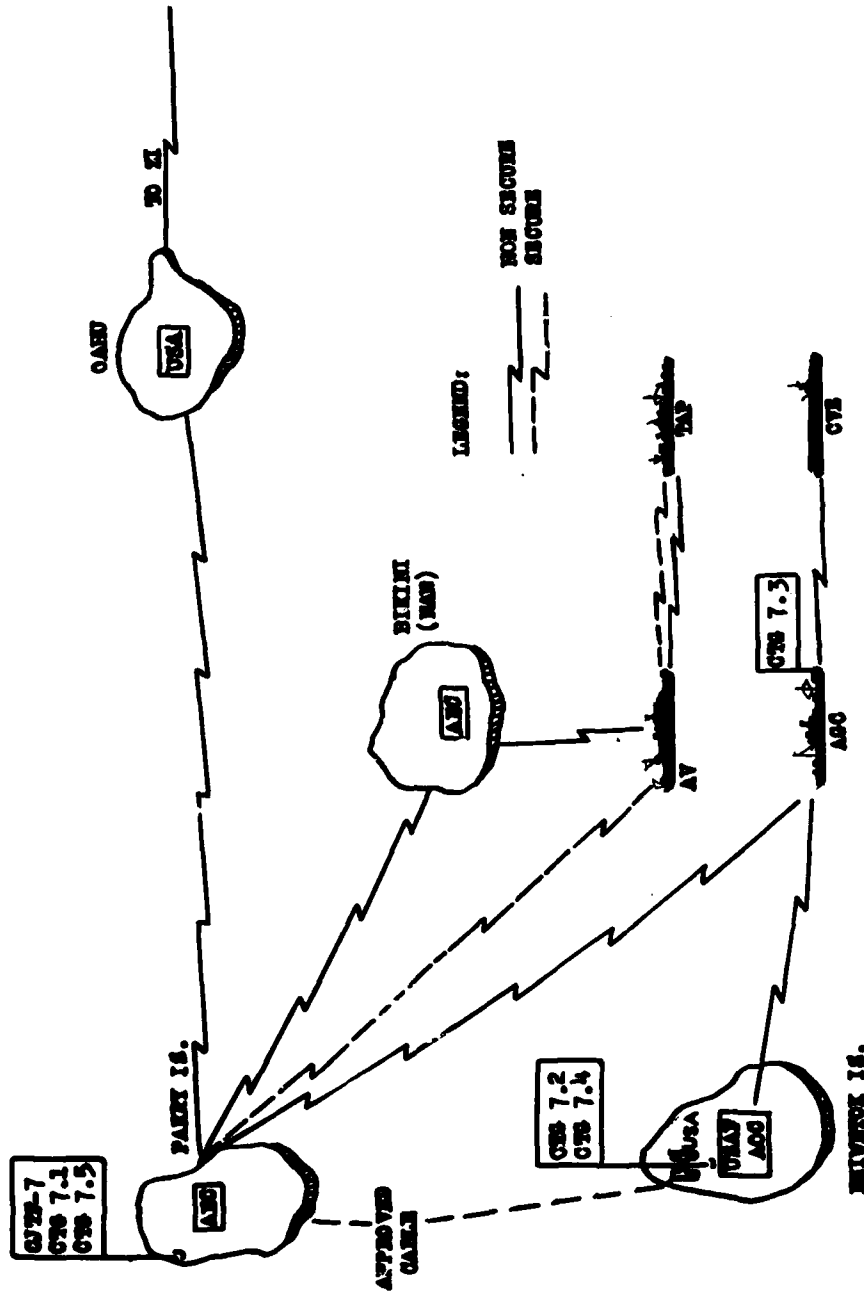
~~SECRET~~ Confidential

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 24 January 1956; 1000R

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Tab D to Appendix 1. Radio Circuit Plan
 RADIO CIRCUIT DIAGRAMS

MAJOR REDWING VOICE CIRCUITS



E-1-D*

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24 January 1956; 1000R

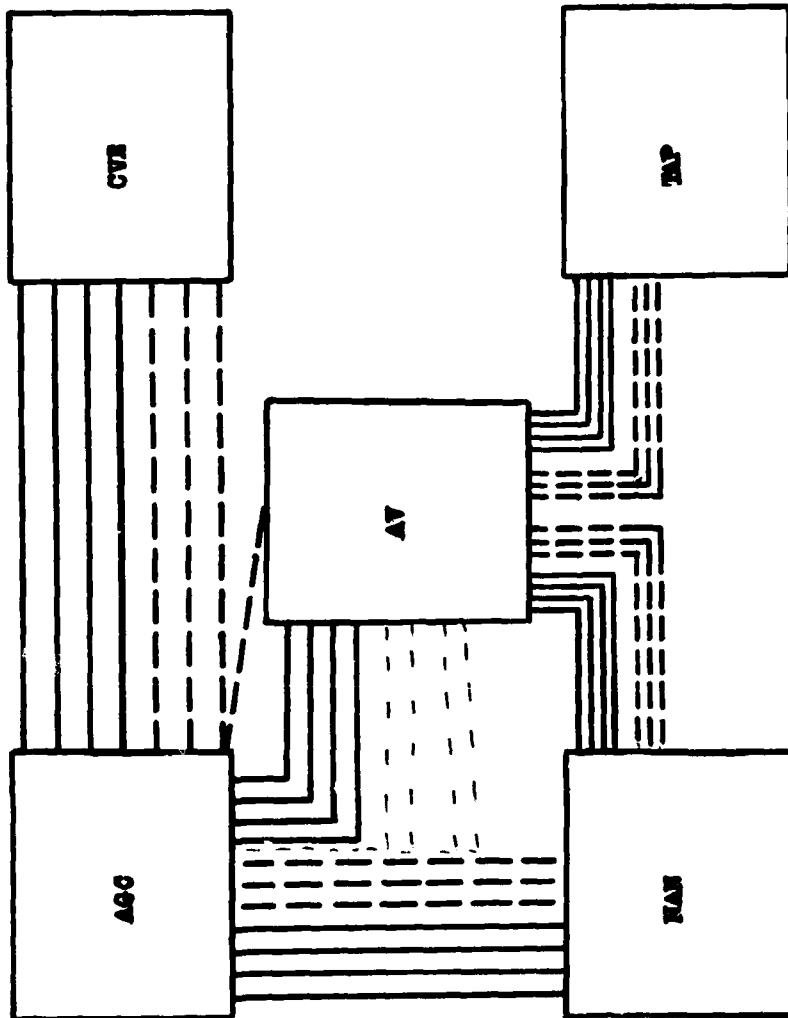
~~SECRET~~ Confidential (Change #1)

Tab D to Appendix 1, Radio Circuit Plan
RADIO CIRCUIT DIAGRAMS

INTRA-SHIP AN/TRC CIRCUITS

Legend

VOICE AN/TRC-3 - - - - -
TELETYPE AN/TRC-20 - - - - -



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 24 January 1956; 1000R

Appendix 2 to Annex E, Communications
RADIO CALL SIGNS AND CODE WORDS

1. Activity Listing

<u>a. Task Groups, Units and Elements</u>	<u>Voice Call</u>	<u>CW Call</u>
CTG 7.3 USS ESTES (AGC-12)	SCOUTMASTER	JØK3
CTG 7.3 Representative ENIWETOK and SOPA Admin ENIWETOK	SCOUTMASTER REP	YZMJ JØK3 ANHM
TG 7.3	WALLPAPER	D5F6
CTU 7.3.0 USS ESTES (AGC-12)	SCOUTMASTER ZERO	JØK3 U3N9
TU 7.3.0 Flagship Unit	WALLPAPER ZERO	D5F6 MØTI
CTE 7.3.0.1 USS ESTES (AGC-12)	PENROD ONE	JØK3 CSTØ
TE 7.3.0.1 Flagship Element	TROUSERS ONE	D5F6 Y9V9
CTE 7.3.0.2 (As Assigned)	PENROD TWO	JØK3 ULA6
TE 7.3.0.2 Escort Element	TROUSERS TWO	D5F6 HLP4
CTU 7.3.1 USS BADOENG STRAIT (CVE-116)	SCOUTMASTER ONE	JØK3 R7A5
TU 7.3.1 Carrier Unit	WALLPAPER ONE	D5F6 Q7ØØ
CTE 7.3.1.1 USS BADOENG STRAIT (CVE-116)	REGRET ONE	JØK3 VØS8
TE 7.3.1.1 Carrier Element	SANDUST ONE	D5F6 U7Z4
CTE 7.3.1.2 HMR 363 in USS BADOENG STRAIT (CVE-116)	REGRET TWO	JØK3 E2Ø7
TE 7.3.1.2 Helicopter Element	SANDUST TWO	D5F6 M6Z3
CTU 7.3.2 USS CHICKEN (ATF-83)	SCOUTMASTER TWO	JØK3 X5K1
TU 7.3.2 Utility Unit	WALLPAPER TWO	D5F6 Z9D9
CTU 7.3.3 USS KYES (DD-787)	SCOUTMASTER THREE	JØK3 J5Y5
TU 7.3.3 Surface Patrol and Transportation Unit	WALLPAPER THREE	D5F6 Y2J1
CTU 7.3.4 PatRon One (KWAJ)	SCOUTMASTER FOUR	JØK3 C3UØ
TU 7.3.4 Patrol Plane Unit	WALLPAPER FOUR	D5F6 AØØ1
CTU 7.3.5 CO, Naval Station KWAJ	SCOUTMASTER FIVE	JØK3 ZØB6
TU 7.3.5 Naval Station Unit KWAJ	WALLPAPER FIVE	D5F6 G1RØ

Appendix 2 to Annex E. Communications
RADIO CALL SIGNS AND CODE WORDS

CTU 7.3.6 PARRY ISLAND
 TU 7.3.6 Radiological Support Unit

CTU 7.3.7 USS CATAMOUNT (LSD-17)
 TU 7.3.7 Boat Pool Unit

CTE 7.3.7.1 USS CATAMOUNT (LSD-17)
 TE 7.3.7.1 LSD Element

CTE 7.3.7.2 BIKINI
 TE 7.3.7.2 Boat Pool Element

CTE 7.3.7.3 ENIWETOK
 TE 7.3.7.3 Boat Pool Element

CTU 7.3.8 USS CURTISS (AV-4)
 TU 7.3.8 Special Devices Unit

CTE 7.3.8.1 USS CURTISS (AV-4)
 TE 7.3.8.1 Special Devices
 Transport Element

CTE 7.3.8.2 (As Assigned)
 TE 7.3.8.2 Escort Element

CTU 7.3.9 USNS AINSWORTH (T-AP-181)
 TU 7.3.9 Accommodation Ship Unit

SCOUTMASTER SIX JØK3 D4X4
 WALLPAPER SIX D5F6 JIJ5

SCOUTMASTER SEVEN JØK3 V3X9
 WALLPAPER SEVEN D5F6 O5T9

CORK SCREW ONE JØK3 S1L1
 BILLY GOAT ONE D5F6 G5Y8

CORK SCREW TWO JØK3 L4C1
 BILLY GOAT TWO D5F6 JØA8

CORK SCREW THREE JØK3 ZØD7
 BILLY GOAT THREE D5F6 O2R4

SCOUTMASTER EIGHT JØK3 K3L1
 WALLPAPER EIGHT D5F6 R6A3

OBLONG ONE JØK3 M8M5

VULTURE ONE D5F6 I3U2

OBLONG TWO JØK3 G6P9
 VULTURE TWO D5F6 B1Q4

SCOUTMASTER NINE JØK3 A3O8
 WALLPAPER NINE D5F6 K9K7

**b. Task Group 7.3 Ships
 and Administrative**

USNS AINSWORTH (T-AP-181)
 USS ABNAKI (ATF-86)
 USS BADOENG STRAIT (CVE-116)
 USS CATAMOUNT (LSD-17)
 USS CHICKADEE (ATF-83)
 USS CROOK COUNTY (LST-611)
 USS CURTISS (AV-4)
 USS ESTES (AGC-12)
 USS GEORGE EASTMAN (YAG-39)
 USS GRANVILLE HALL (YAG-40)
 CIV HORIZON
 USS JAMES E KYES (DD-787)

<u>Voice Call</u>	<u>CW Call</u>
ATHLETE	NHWS
EARPLUG YOKE	NUTN
KNEE HIGH	NKBU
WAR FIELD WILLIAM	NJNB
FIREWORKS DOG	NWLF
IRIS YOKE	NFDH
FIREWORKS ABLE	NEFZ
BOUNDARY TARE	NWDE
ARROGANT 39	NBHZ
ARROGANT 40	NENC
WISHING WELL	NOHT
LAUNDRESS	NTVZ

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Appendix 2 to Annex E, Communications
RADIO CALL SIGNS AND CODE WORDS

USS KNUDSON (APD-101)
 USS LIPAN (ATF-85)
 USS MCGINTY (DE-365)
 USS SHELTON (DD-790)
 USS SILVERSTEIN (DE-534)
 USS SIOUX (ATF-75)
 COMDESRON THREE
 LCM(s)
 LCPL(s)
 LCU-742
 LCU-960
 LCU-974
 LCU-1136
 LCU-1162
 T-LST-306
 T-LST-618
 YFN-994
 YFNB-99 *YON 182 (Change #1)*
 YFNB(s)
 YC-1420 (Fallout Collection Barge)
 YCV-10 (Helo Landing Barge)
 ALL SHIPS MY TACTICAL COMD
 ALL SHIPS OPERATING UNDER
 ALL SHIPS PRESENT AT
 ALL STATIONS THIS CIRCUIT
 ALL TE CDRS UNDER MY COMD
 ALL TU CDRS UNDER MY COMD
 ATOLL COMMANDER AT
 BIKINI
 ENIWETOK

change #1
~~NAVY BOAT POOL DISPATCHER~~ *TC 7.3 Boat Pool Bikini*
~~SOFA AT~~ *TC 7.5 Boat Pool Dispatcher*
~~BOAT POOL DISPATCHERS ENIWETOK~~ *Eniwetok*
~~TC 7.3 Boat Pool Eniwetok~~

c. Task Group 7.3 Aircraft

PATRON ONE (Plane NR___)
 ALL AIRCRAFT PATRON ONE
 FLIGHT LEADER PATRON ONE
 ALL AIRCRAFT BADOENG STRAIT
 NAVY HELICOPTERS HMR-363
 (1-15)
 HELICOPTER CONTROL (CVE)

EXPERT UNCLE
 DECANTER BAKER
 HAMBROOK ITEM
 HIGH ROAD
 JUNE BRIDE
 EMPTY WILLIAM
 RICHARD ITEM
 CAT GUT (NR)___
 DAY COACH (NR)___
 MESH 742
 MESH 960
 MESH 974
 MESH 1136
 MESH 1162
 BELTING 306
 BELTING 618
 RUTGERS 994
~~FATHER TIME 53 SLAT 182~~

NUAQ
 NAUZ
 NHTV
 NKRR
 NKUN
 NUPH
 ERNH
 NHOI
 NGJO
 NPHU
 NMQC
 NGCP
 NJOQ
 NKCE

CHANT (NR)___
 REFUGEE 1420
 CELL 10
 BIRTHRATE
 ENVELOPE
 LOOSE TALK
 OVERWORK
 ACCOUNT
 BARBAROSA
 ROADRUNNER
 AUGUSTUS
 CAVALIER
 ROBINHOOD
 ASSESS
 DRASTIC (NR)___
Rubbish

IZKW
 YAPD
 E6X5
 PAR2
 LZNQ
 ANFM
 YZLT

BACK DOOR (NR)___ (NR) M38
 99 BACK DOOR 99M38
 ZERO BACK DOOR 0M38
 99 KNEE HIGH 99H2

(NR)___ KNEE HIGH (NR) 063
 COMEBACK

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Appendix 2 to Annex E, Communications
RADIO CALL SIGNS AND CODE WORDS

d. Miscellaneous

SEARCH & RESCUE MISSIONS

SAR CONTROLLER AT	COLLECT	OHZR
SAR COORDINATION AT	RESCUE	XIPN
SAR PLANE # _____	PLAYMATE (NR) _____	
SAR SHIP # _____	BARGE (NR) _____	
SAR TASK GROUP # _____ CDR	SPAULDING (NR) _____	DTLE
SAR TASK UNIT # _____ CDR	HOOKWORM (NR) _____	YZOZ
ANY/OR ALL SAR AIRCRAFT	RIALTO	
ANY/OR ALL SAR AIRCRAFT AT	BULMOOSE	
AMPHIB OR SEAPLANE SAR	DUMBO	
ANY SAR LAND BASED PLANES	COOLIDGE	
LAND TYPE AIRCRAFT FOR SAR	PLUTO	
SAR BOAT # _____	SAPPHIRE (NR) _____	

2. Alphabetical Listing

<u>Voice Call</u>	<u>Activity</u>	<u>OW Call</u>
ACCOUNT	ALL TE CDRS UNDER MY COMMAND	EGX5
ARROGANT 39	USS GEORGE EASTMAN (YAG-39)	NBHZ
ARROGANT 40	USS GRANVILLE HALL (YAG-40)	NENC
ASSESS	SOPA AT	YZLT
ATHLETE	USNS AINSWORTH (T-AP-181)	NHMS
AUGUSTUS	BIKINI	LZMQ
BACK DOOR (NR) _____	PATRON ONE (Plane NR _____)	(NR) M38
BARBAROSA	ALL TU CDRS UNDER MY COMMAND	P4R2
BARGE	SAR SHIP # _____	
BELTING 306	T-LST-306	NJQQ
BELTING 618	T-LST-618	NKCE
BILLY GOAT ONE	TE 7.3.7.1 LSD Element	D5F6 Q5Y8
BILLY GOAT TWO	TE 7.3.7.2 Boat Pool Element BIKINI	D5F6 J6AS
BILLY GOAT THREE	TE 7.3.7.3 Boat Pool Element ENIWETOK	D5F6 Q2R4
BIRTH RATE	ALL SHIPS UNDER MY TACTICAL COMD	
BOUNDARY TARE	USS ESTES (AGC-12)	NWDE
BULL MOOSE	ANY/OR ALL SAR AIRCRAFT AT	
CAT GUT (NR) _____	LGM(s)	
CAVALIER	ENIWETOK	ANEM
CELL 10	YCV-10 (Helo Landing Barge)	
CHANT (NR) _____	YFNB(s)	
COLLECT	SAR CONTROLLER AT	OHZR
COMEBACK	HELICOPTER CONTROL (CVE)	

Appendix 2 to Annex E. Communications
RADIO CALL SIGNS AND CODE WORDS

COOLIDGE	ANY SAR LAND BASED PLANES	
CORK SCREW ONE	CTE 7.3.7.1	JØK3 S1L1
CORK SCREW TWO	CTE 7.3.7.2	JØK3 14C1
CORK SCREW THREE	CTE 7.3.7.3	JØK3 ZØD7
DAY COACH (NR)___	LCPL(a)	
DECANTER BAKER	USS LIPAN (ATF-85)	NAUZ
DRASTIC (NR)___	767 ⁵ BOAT POOL DISPATCHER ENINWETOK	
DUMBO	AMPHIB OR SEAPLANE SAR	
EARPLUG YOKE	USS ABNAKI (ATF-86)	NUTN
EMPTY WILLIAM	USS SIOUX (ATF-75)	NUPH
ENVELOPE	ALL SHIPS OPERATING UNDER	
EXPERT UNCLE	USS KNUDSON (APD-101)	NUAQ
FATHER TIME 52	FOGN 52	
FIREWORKS ABLE	USS CURTISS (AV-4)	NEFZ
FIREWORKS DOG	USS CHICK 83 ⁸³ (ATF-83)	NWLF
HAMBROOK ITEM	USS MCGINTY (DE-365)	NHTV
HIGH ROAD	USS SHELTON (DD-790)	NKRR
HOOKWORM (NR)___	SAR TASK UNIT (NR)___ CDR	XZ0Z
IRIS YOKE	USS CROOK COUNTY (LST-611)	NFDH
JUNE BRIDE	USS SILVERSTEIN (DE-534)	NKUN
KNEE HIGH	USS BADOENG STRAIT (CVE-116)	NKBU
(NR)___ KNEE HIGH	NAVY HELICOPTERS HMR-363	
	(1-15)	(NR)___063
LAUNDRESS	USS JAMES E KYES (DD-787)	NTVZ
LOOSE TALK	ALL SHIPS PRESENT AT	XZKW
MESH 742	LCU-742	NHOT
MESH 960	LCU-960	NGJO
MESH 974	LCU-974	NPHU
MESH 1136	LCU-1136	NMQC
MESH 1162	LCU-1162	NGCP
99 BACK DOOR	ALL AIRCRAFT PATRON ONE	99M8
99 KNEE HIGH	ALL AIRCRAFT BADOENG STRAIT	99H2
OBLONG ONE	CTE 7.3.8.1	JØK3 MEM5
OBLONG TWO	CTE 7.3.8.2	JØK3 G6P9
OVERWORK	ALL STATIONS THIS CIRCUIT	YAPD
PENROD ONE	CTE 7.3.0.1	JØK3 CSTØ
PENROD TWO	CTE 7.3.0.2	JØK3 U1A6
PLAYMATE (NR)___	SAR PLANE (NR)___	
PLUTO	LAND TYPE AIRCRAFT FOR SAR	
REFUGEE 1420	YC-1420 (Fallout Collection Barge)	
REGRET ONE	CTE 7.3.1.1	JØK3 VØS8
REGRET TWO	CTE 7.3.1.2	JØK3 E207
RESCUE	SAR COORDINATION AT	XIPN
RIALTO	ANY/OR ALL SAR AIRCRAFT	
RICHARD ITEM	COMDESRON THREE	ERNH

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Appendix 2 to Annex E, Communications
RADIO CALL SIGNS AND CODE WORDS

ROADRUNNER	ATOLL COMMANDER AT	
ROBIN HOOD	NAVY BOAT POOL DISPATCHER TG 7.3 Boat Pool Bixni	
RUTGER 994 <i>Rubbish</i>	YFN-994 TG 7.3 Boat Pool Eniwetok	
SAPPHIRE (NR) _____	SAR BOAT # _____	
SAWDUST ONE	TE 7.3.1.1 Carrier Element	D5F6 U724
SAWDUST TWO	TE 7.3.1.2 Helicopter Element	D5F6 M623
SCOUTMASTER	CTG 7.3	JØK3
SCOUTMASTER REP	CTG 7.3 Representative ENIMETOK and SOPA Admin ENIMETOK	<i>ANUH</i> YZMJ JØK3 402
SCOUTMASTER ZERO	CTU 7.3.0	JØK3 U3W9
SCOUTMASTER ONE	CTU 7.3.1	JØK3 B7A5
SCOUTMASTER TWO	CTU 7.3.2	JØK3 X5K1
SCOUTMASTER THREE	CTU 7.3.3	JØK3 J3T5
SCOUTMASTER FOUR	CTU 7.3.4	JØK3 C3UØ
SCOUTMASTER FIVE	CTU 7.3.5	JØK3 ZØB6
SCOUTMASTER SIX	CTU 7.3.6	JØK3 D4J4
SCOUTMASTER SEVEN	CTU 7.3.7	JØK3 V3X9
SCOUTMASTER EIGHT	CTU 7.3.8	JØK3 K3L1
SCOUTMASTER NINE <i>slot 182</i>	CTU 7.3.9 <i>YON-182</i>	JØK3 A308
SPAULDING (NR) _____	SAR TASK GROUP # _____ CDR	DTLE
TROUSERS ONE	TE 7.3.0.1 Flagship Element	D5F6 Y9V9
TROUSERS TWO	TE 7.3.0.2 Escort Element	D5F6 HLP4
VULTURE ONE	TE 7.3.8.1 Special Devices Transportation	D5F6 I3U2
VULTURE TWO	TE 7.3.8.2 Escort Element	D5F6 B1Q4
WALLPAPER	IG 7.3	D5F6
WALLPAPER ZERO	TU 7.3.0 Flagship Unit	D5F6 MØII
WALLPAPER ONE	TU 7.3.1 Carrier Unit	D5F6 Q7ØØ
WALLPAPER TWO	TU 7.3.2 Utility Unit	D5F6 Z9D9
WALLPAPER THREE	TU 7.3.3 Surface Patrol and Transportation Unit	D5F6 Y2J1
WALLPAPER FOUR	TU 7.3.4 Patrol Plane Unit	D5F6 AØØ1
WALLPAPER FIVE	TU 7.3.5 Naval Station Unit KWAJALEIN	D5F6 G1RØ
WALLPAPER SIX	TU 7.3.6 Radiological Support Unit	D5F6 J1J5
WALLPAPER SEVEN	TU 7.3.7 Boat Pool Unit	D5F6 Ø5T9
WALLPAPER EIGHT	TU 7.3.8 Special Devices Unit	D5F6 R6A3
WALLPAPER NINE	TU 7.3.9 Accommodation Ship Unit	D5F6 K9K7
WAR FIBID WILLIAM	USS CATAMOUNT (LSD-17)	NJNB
WISHING WELL	GIV HORIZON	NOHT
ZERO BACK DOOR	FLIGHT LEADER PATRON ONE	ØC38

COMMUNICATIONS
Appendix 2 to Annex E, Communications
RADIO CALL SIGNS AND CODE WORDS

3. The following are other Task Group voice calls which are most pertinent to units of Task Group 7.3. (Complete call sign listings will be found in Communications Operating Instructions.)

<u>Voice Call</u>	<u>Activity</u>	<u>GW Call</u>
ADMIT #	7.5 Aircraft Dispatchers	
ARISTOCRAT	7.1 Project 2.65	F49
BALLOT	7.1 J-4	
BARRYMORE	7.1 Voice Count Down	
BEACHCOMBER	7.1 Pogo	
BROADJUMP	7.5 808 Ciphony Net (ESTES)	
CABOOSE	7.5 808 Ciphony Net (CURTISS)	
CLAM CHOWDER	7.2 ENIWETOK (Weather Net)	ZN3
COUNTER POINT	7.1 Project 6.3	UG3
CURIOUS	Task Group 7.2	C822
DESSERT	7.1 Special Net #3	
FANEELT	Commander Task Group 7.2	A2V3 #2U3
FENWAY	Weather Station Wotho	U86
FRINGE	7.1 Special Net #5	
GANGWAY	7.1 Special Net #2	
HALFWIT	7.1 Special Net #4	
HIBERNATE	7.5 808 Ciphony Net (AINSWORTH)	
IMPOSSIBLE	7.5 Comm Center BIKINI	PR9
INHALE	7.1 DOD Net #2	
KEYHOLE	7.1 DOD Net #1	
KLEENEX	7.2 Operations	
LADDIE	7.2 Comm Center (ENIWETOK);	
LADDIE ONE	7.2 Joint Radio Center (ENIWETOK)	ABE
LIGHTHOUSE	7.2 Comm Center (PARRY)	
LIGHTHOUSE ONE	7.1 Project 6.1	
LIGHTHOUSE TWO	7.1 Long Range Fixed Pac.	YG9
LIGHTHOUSE THREE	7.1 Short Range Fixed Pac.	49Y
MAIL CALL	7.1 Short Range Fixed ZI.	HE4
MAGAZINE	7.1 Project 8.1	
MANHUNT	7.1 VCRL	
MOONBEAM	7.4 AOC	
MUDBANK	7.1 DOD Net #3	
NEBULA	7.1 Program 2 Control Center	ØKA
NIGHTGOWN	Task Group 7.5	T9Y8
NOBLEMAN	7.1 Project 1.9	IT4
NOTEWORTHY	7.2 Weather Station Uterik	97N
PARCHESI	7.5 808 Ciphony Net Station 70	
	7.1 Project 31.1	2MK

Appendix 2 to Annex E, Communications
RADIO CALL SIGNS AND CODE WORDS

POT ROAST	7.1 Project 5.6	7CD
PRIZEFIGHT	7.5 Comm Center (TAP)	VF2
RADIATE	7.5 Comm Center (PARRY) (routing indicator: RUHPJA)	DH7
ROTARY # _____	7.5 Aircraft Dispatcher ENIWETOK	
RUMPUS # _____	7.5 Boat Dispatcher BIKINI	
SASSY	7.1 DOD Net #4	
SCARLET	7.1 Civilian Contractors - E.G.& G.	
SHAKESPEARE	Weather Net UJELANG	5EB
SHOWDOWN	7.5 808 Ciphony Net PARRY	
SOUR PUSS	7.1 Special Net #1	
STINGY #7	7.2 POL Farm	
SURPRISE	7.5 Comm Center (AV4)	2DL
TYRANT	Commander Task Group 7.5	Z8P3
UNDERTAKER	7.2 Atoll Commander ENIWETOK	
WATCHDOG	7.1 RADSAFE	

4. Spare Voice Calls

<u>Activity</u>	<u>Voice Call</u>
FOR TG 7.3 ASSIGNMENT	ABBREVIATE ANTHROPOID CHECKER BOARD CORONATION FIRE BRAND HAIL STONE MUTILATE PERSECUTE SALESMAN TRANSACT

Fallout Report Code Words

1. ~~Certain Code Words and their meanings have been assigned for the purpose of reporting fallout radiation intensities encountered on units of Task Group 7.3; this list will be promulgated in the near future.~~

See PAGE G-6-3 para. f (3). - Change #1

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Annex F to CTG 7.3 Operation Plan No. 1-56
INTELLIGENCE, SECURITY AND PUBLIC INFORMATION

1. Intelligence

- a. Summary of Enemy Capabilities. A hostile nation is capable of obtaining information from, or interfering with, the operation of the joint task force by the following actions:
- (1) Collection of information disclosed by personnel of the joint task force, through failure to observe security precautions.
 - (2) Espionage by infiltration of subversive personnel into the joint task force, or as a result of defection of personnel within the task force.
 - (3) Sabotage accomplished by penetration of personnel into the task force or by defection of personnel within the task force.
 - (4) Submarine reconnaissance.
 - (5) Ground reconnaissance or sabotage by landing parties from submarines.
 - (6) Air or surface ship reconnaissance.
 - (7) Attack by any combination of military forces.
- b. Conclusions. Under conditions existing today, it is considered that the joint task force is most vulnerable to capabilities (1), (2) and (3). It is considered very improbable that capability (4) will be exploited, since very little information of value could be obtained by this means. Capabilities (5) and (6) involve varying degrees of overt action, and would also be affected by variations in the shot schedule; consequently their employment is considered a remote possibility. It is considered that capability (7) would be exercised only in the event of open hostilities between the United States and a hostile power.

2. Security

- a. General. The ENIWETOK-BIKINI Closed Areas are under the protection of Commander in Chief Pacific (CINCPAC). The PPG is closed to all personnel except those whose official duties require them to be present. The travel of authorized personnel

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INTELLIGENCE, SECURITY AND PUBLIC INFORMATION

ships and aircraft into the operational area is to be conducted in accordance with the provisions of CINCPAC letter FF-1, A16-1 serial O20 of 1 April 1952. Commander Joint Task Force SEVEN will be responsible for security of the operational area during the operational period, as directed by CINCPAC, and has overall responsibility for the security indoctrination of personnel of the joint task force.

- b. References. Security regulations issued by the Departments of the Army, the Navy and the Air Force, the Atomic Energy Commission and Commander Joint Task Force SEVEN apply to personnel of the joint task force. Pertinent basic regulations are listed below for ready reference:

OPNAV INSTRUCTION 5510.1A
Army Regulation 380-5
Air Force Regulation 205-1
AEC GM Security Bulletins and AEC Manual, Vol. 2000 (Security)
CJTF SEVEN SOP's Series 205
AEC-DOD Classification Guide
AEC-DOD General Classification Guide for PPG Test Operations

- c. Security Training and Indoctrination. The Joint Task Force SEVEN requirements on these subjects and which affects all personnel of Task Group 7.3, have been outlined in detail in CJTF SEVEN SOP's 205-2 and 205-1. These SOP's together with implementation data applicable to all elements of Task Group 7.3 have been made a part of Task Group 7.3 Instruction 05510.11A promulgated to all participating units.
- d. Security Logs. The provisions of paragraph 9.c. of Task Group 7.3 Instruction 05510.11A applies.
- e. Personnel Clearances. The provisions of Task Group 7.3 Instruction 05521.1A and enclosure (1) thereto applies.
- f. Effective Date. The effective date for completion of clearance requirements is 15 March 1956. Subsequent to this date all personnel will hold active clearances (Interim or Final).
- g. Access to Restricted Data. The provisions of section IV of enclosure (1) to Task Group 7.3 Instruction 05521.1A apply.

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INTELLIGENCE, SECURITY AND PUBLIC INFORMATION

- h. Security Areas. Security areas will be established by CJTF SEVEN and a date for commencement of special security measures in these areas will be designated. The operational area will consist of three classified area categories for purposes of security enforcement.
- (1) Exclusion Area. A security area containing a security interest which is of such nature that access to this area constitutes, for all practical purposes, access to the security interest contained therein - e.g., a shot site or assembly area.
 - (2) Limited Area. A security area containing a security interest in which area uncontrolled movement would permit access to the security interest contained therein; but such access may be prevented by escort and other internal restrictions and controls - e.g., PARRY ISLAND Administrative Compound.
 - (3) Controlled Area. A security area adjacent to or encompassing limited or exclusion areas and within which area uncontrolled movement does not permit access to a security interest, and which is designed for the principal purposes of providing administrative control, safety, or a buffer area of security restrictions for limited or exclusion area - e.g., ENIWETOK ISLAND.
- i. Access to Security Areas. Minimum clearance requirements for access to security areas are as follows:

<u>Security Area</u>	<u>Military Clearance Requirements</u>	<u>AEC Clearance Requirements</u>
Exclusion	Q-Clearance or TS military clearance plus certification for access to Restricted Data*	Q-Clearance*
Limited	Secret military clearance. Confidential military clearance under escort.	AEC "L" clearance

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<u>Security Area</u>	<u>Military Clearance Requirements</u>	<u>AEC Clearance Requirements</u>
Controlled	(1) Cleared in accordance with CINCPAC serial 020 (initial entry). (2) Secret military clearance (continued access). Confidential military clearance for Task Group 7.3 recreation and working parties.	(1) Cleared in accordance with CINCPAC serial 020 (initial entry). (2) AEC "L" clearance (continued access)

* Exchange badges, access lists, or "Temporary Exclusion Area Permits" also required for access.

- j. Badge System. A Task Group 7.3 Instruction concerning this subject will be promulgated at a later date. *See Change #1*
- k. Classification. Commanding officers of ships and units are responsible for the classification and reclassification of matter originating within their commands. Individuals authorized to classify any document will carefully review its contents in the light of available classification guide material and the category definitions authorized in OPNAV Instruction 5510.1A.
- l. Contraband.
- (1) Unless specifically authorized in writing by the command originating travel orders to the ENIWETOK-BIKINI Operational Area, possession by individuals of items of material listed below in the operational area is prohibited and the items considered contraband.
 - (a) Photographic equipment.
 - (b) Equipment designed for use in either visual or electrical communications.
 - (c) Optical equipment such as binoculars and telescopes.
 - (d) Materials with explosive capabilities.

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- (e) Weapons, except ordinary pocket and sheath knives.
- (f) Drugs, except as prescribed by a physician.
- (g) Intoxicating beverages.

- (2) Travel orders for all personnel destined for the ENIWETOK-BIKINI Operational Area will include the following statement:

"Unless specifically authorized, personnel will not have in their possession any of the following contraband items:

Photographic equipment.
Equipment designed for use in either visual or electrical communications.
Optical equipment (such as binoculars and telescopes).
Materials with explosive capabilities.
Weapons except ordinary pocket and sheath knives.
Drugs, except as prescribed by a physician.
Intoxicating beverages."

- (3) Any of the above items used for official purposes (e.g., ships' optical equipment) will not be considered contraband. Commanding officers will institute adequate safeguards against the unauthorized use of such equipment by individuals of their commands. Badges issued to individuals who are authorized to have such items in their possession in the performance of official duties will be stamped to indicate such authorization.
- (4) Items of contraband will be confiscated and report of the circumstances made to CJTF SEVEN via Commander Task Group 7.3.
- (5) Film found in the possession of unauthorized persons will be confiscated and forwarded to CJTF SEVEN via Commander Task Group 7.3 for processing and classification. A letter report to CJTF SEVEN via Commander Task Group 7.3 shall accompany film so forwarded.

- m. ~~Photography. A Task Group 7.3 Instruction concerning this subject will be promulgated at a later date.~~ *see change*
- n. Counterintelligence. Counterintelligence coverage will be provided by nine special agents of Sub-Detachment "C", 902d CIC Detachment, as directed by CJTF SEVEN.

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- o. Security Patrols. Commander Task Group 7.2 is responsible for planning and executing security patrols within ENIWETOK and BIKINI ATOLLS, as required. Air and sea security patrols required outside ENIWETOK and BIKINI ATOLLS will be in accordance with Annex N to Commander Task Group 7.3 Operation Plan No. 1-56.
- p. Inspections. Inspections will be conducted upon arrival of personnel and periodically thereafter to detect security violations and contraband and to insure the use of proper identification credentials and proper safeguarding of classified matter.
- q. Security Violations. Upon discovery of a violation of security regulations or a suspected violation or compromise of classified information, an initial report will be promptly made by the unit concerned direct to Commander Task Group 7.3. If it is determined that a violation occurred involving compromise or loss of classified material, an investigation will be initiated by Commander Task Group 7.3. CJTF SEVEN will be made an information addree on initial report and for all investigative proceedings. Personnel of JTF SEVEN CIC Detachment will be available to assist in investigations. Commanding Officers requiring such assistance shall request same via Commander Task Group 7.3.
- r. Couriers. A Task Group 7.3 Instruction concerning this subject will be promulgated at a later date.


3. Public Information

- a. In compliance with established JTF SEVEN policy, Commander Task Group 7.3, members of the staff or those of subordinate units of Task Group 7.3 will not make any public information releases.
- b. Releases to the press in regard to JTF SEVEN operations and activities are made only by the AEC and DOD.
- c. Personnel of Task Group 7.3 and subordinate units are prohibited from releasing any information for publication in regard to the joint task force or its activities. They must neither confirm nor deny any articles appearing in the press. Queries from the press or elsewhere will be referred to the AEC or DOD.

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- d. AEC-DOD press releases, when made, will be disseminated to units of JTF SEVEN through normal communication channels at the earliest possible time.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander


M. ROTHLISEBERGER
LCDR, U.S. Navy
Flag Secretary

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Annex G to CTG 7.3 Operation Plan No. 1-56
RADIOLOGICAL SAFETY PLAN

1. General

- a. This annex supplements Annex K of CJTF SEVEN Operation Plan 1-56, the provisions of which are applicable to all units of this command.
- b. Radiological safety of all task group military personnel and all embarked civilian personnel is a command responsibility and radiological safety activities will be performed through normal command channels.
- c. Radiological safety (RadlSafe) operations is a general term which denotes the means by which a unit attempts to prevent the occurrence of hazards to personnel and equipment resulting from the spread of radioactive material. With this end in view it includes such measures as training, organization and distribution of certain personnel; development of techniques and procedures for use of radiological detection equipment; protection or removal of exposed personnel; and decontamination of personnel, structures and equipment.
- d. Following each detonation there will be regions of radiological contamination. These regions are designated as Radiological Exclusion Areas (RADEX). Prior to shot time, the forecast air and surface RADEX will be disseminated by CJTF SEVEN in the shot area. This forecast will be from HOW Hour (H-Hour) until dissemination of a later surface and air RADEX at about H plus 6 hours. A radiological "situation map" will be maintained in the RadlSafe Office of CJTF SEVEN.

2. Mission

The purpose of the radiological safety organization is to provide:

- a. Protection of personnel and equipment.
- b. Effective training of personnel.
- c. Evaluation of the effectiveness of radiological safety training and equipment.

3. Phases

To carry out these missions, the radiological safety operations of Task Group 7.3 during Operation REDWING are divided into three phases:

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- a. Pre-Shot Phase: Planning and preparation up to time of first shot.
- b. Shot Phase: Period of operations between first and last test detonation.
- c. Roll-up Phase: From last shot until release and departure from forward area.

4. Pre-Shot Phase Requirements

- a. General. The pre-shot phase shall be utilized by subordinate commands in:

(1) Developing Operational Efficiency to carry out all phases of RadlSafe through Training. Commanding officers will effect maximum possible utilization of established shore based training activities for the training of all key radlsafe personnel and for other personnel as practicable. "On the job" training cannot be overemphasized. An effective shipboard training program as outlined in NavPers 10886 and prescribed by directives from administrative commanders should be in progress. Commanding officers shall hold frequent drills to develop operational efficiency. Commander Task Group 7.3 will conduct a training program for all units in the forward area. This program will include non-competitive inspections of all elements to insure readiness for safe participation in the operation.

(2) Filling of Operational Equipment Allowances and Requirements.

- (a) Radiac Equipment. Commander Task Group 7.3 will issue instruments in the forward area to fill allowances of all units and to meet any additional operational requirements.
- (b) Water Washdown System. Arrangements have been made for all ships to have "Interim" systems. Installation will be accomplished by ship's force with material and technical assistance furnished by BUSHIPS.
- (c) Film Badge Dosimeters. All Task Group 7.3 personnel will be required to wear film badge dosimeters at all times during the operation. These badges will be issued by Commander Task Group 7.3 in the forward area together with further instructions concerning their use. Casualty range dosimeters (DT-60/PD) should be issued by commanding officers to all Task Group 7.3 personnel.

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RADIOLOGICAL SAFETY PLAN

- (d) Protective Clothing. Clothing as detailed in previous instructions and paragraph 3.b.(2)(a) of Appendix 5 of this annex shall be obtained by all units for repair party and all other personnel who may be involved in decontamination or other radiological hazardous duties.
- (e) Decontamination Equipment and Materials. An adequate supply of decontamination equipment and materials should be procured by all units. A comprehensive list of recommended equipment, materials and procedures are contained in previous instructions and paragraph 2 of Appendix 5 to this annex.
- (3) Maintenance and Calibration of Radiac Equipment. Units of Task Group 7.3 are responsible for the maintenance of their own radiac equipment. All instruments should be checked and calibrated by a designated repair activity (NWIP-50~~4~~-1) prior to departure for the forward area. Each unit should depart for the forward area with not less than 300% spare batteries (special radiac type kept in cold storage) and not less than 200% spare tubes and other operational spares. For repairs beyond the capacity of ship's force, a radiac instrument repair center and reserve instrument pool will be maintained by Commander Task Group 7.3 staff personnel aboard the USS BADOENG STRAIT. Equipment history cards and failure reports should accompany all instruments turned in for repairs. Limited calibration facilities, technical assistance and training will also be available.
- (4) Personnel Decontamination Facilities. Decontamination stations as described in NWIP 50-1 and applicable instructions from administrative commanders should be conveniently available and adequate for personnel decontamination. Fabrication of these facilities is considered to be within the capability of ship's force.
- (5) Radiological Safety Organization. An effective radiological defense organization within the unit organization and primarily under the direction of the ABCD Officer and/or the Damage Control Assistant will be required of all units. This organization is prescribed by NWIP 50-1 and current directives from administrative commanders and should be based on an Atomic Defense Bill. It should further detail the organization and duties of monitors, radiological safety evaluators, and

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Annex G to CTG 7.3 No. 1-56
RADIOLOGICAL SAFETY PLAN

decontamination personnel. Commander Task Group 7.3 will specify the measures necessary to insure the radiological safety of task group personnel and furnish technical advisory service to task unit radiological safety officers.

- (6) Other Preparatory Measures. Appendix 3 to this annex details specific precontamination preparations and preventive measures.

b. Pre-Shot Phase Requirements of Specific Units.

(1) USS ESTES (AGC-12).

- (a) Provide space and facilities to Task Group 7.1 Radiological Safety Unit for a personnel decontamination station.
- (b) Provide space and facilities for Joint Task Force SEVEN RadlSafe Office and Fallout Prediction Unit (FOPU).

(2) USS CURTISS (AV-4).

- (a) Provide office space and facilities for the commander of the Task Group 7.1 RadlSafe Unit and RadlSafe Control Section.
- (b) Provide space and facilities to Task Group 7.1 Radiological Safety Unit for a personnel decontamination station.

(3) USS BADOENG STRAIT (CVE-116).

- (a) Provide space and facilities for the radiac repair and issue shops of Task Group 7.1 and Task Group 7.3.
- (b) Provide office and briefing space and facilities for J-3 section of Task Group 7.1.
- (c) Provide space, facilities and assistance as required for the shipboard decontamination of HMR-363 aircraft.
- (d) Provide decontamination crews and facilities for the shipboard decontamination of all other aircraft at BIKINI ATOLL and all other Task Group 7.3 aircraft at ENIWETOK ATOLL. Limited assistance ashore at ENIWETOK ATOLL will be furnished by Commander Task Group 7.4, as required. Develop proficiency in shipboard decontamination of aircraft.

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Annex G to CTG 7.3 No. 1-56
RADIOLOGICAL SAFETY PLAN

- (e) Be prepared to assist HMR-363 and other units in the decontamination of aircraft ashore.
 - (f) Provide space and facilities to Task Group 7.1 Radiological Safety Unit for a personnel decontamination station.
 - (g) Designate one (1) officer and an alternate (both qualified as radiological safety monitors) to collect lagoon water samples by boat and helicopter.
- (4) USNS FRED C. AINSWORTH (T-AP-181).
- (a) Provide space and facilities to Task Group 7.1 Radiological Safety Unit for the establishment of photo dosimetry and radiochemical analysis activities (two van trailers).
 - (b) Provide facilities for Task Group 7.1 personnel decontamination station aboard barge to be moored alongside.
 - (c) Provide office space and facilities to Task Group 7.1 Radiological Safety Unit for a RadlSafe Center.
- (5) Patrol Squadron ONE (VP-1).
- (a) Develop the maximum possible degree of proficiency and self-sufficiency in all radiological safety matters in view of remote location from task force.
 - (b) Insure training, availability and assignment of at least one (1) well qualified airborne radiological safety monitor for each crew and flight.
 - (c) Provide for air-to-ground reporting of approximate air radiation intensities encountered by all aircraft operating between ENIWETOK and BIKINI from H-Hour to H plus 24 hours. It is not contemplated that aircraft should be scheduled for this specific requirement alone. Reports will be routed to the RadlSafe Office of the task force command post by the most expeditious means. Reports will be coded as separately directed, by CJTF SEVEN to include *Approximate position, altitude and magnitude of radiation encountered*.
 - (d) Provide radiological aerial reconnaissance service in the vicinity of the task force fleet and shot atoll for a period of six (6) hours commencing at H-Hour.

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- (e) Provide aircraft for post-shot aerial radiological survey of the Northern Marshall Islands starting at approximately H plus 6 hours. Reports will be coded as separately directed by Commander Joint Task Force SEVEN.
- (6) Marine Helicopter Transport Squadron 363 (HMR-363).
- (a) Provide necessary helicopter air service for radiological surveys and post-shot recovery operations at BIKINI (monitors furnished by Task Group 7.1).
 - (b) Provide necessary helicopter air service for collecting lagoon water samples (monitor to be furnished by CVE).
 - (c) Provide facilities and assistance as required for limited primary gross decontamination of all aircraft ashore at BIKINI.
 - (d) Furnish decontamination crews for the decontamination of own aircraft aboard the CVE (space and facilities furnished by CVE).
- (7) All Destroyer Types.
- (a) Be prepared to effect decontamination of LCU's and other small craft with special steam jet equipment. Equipment and technical assistance will be furnished by Commander Task Group 7.3.
- (8) All Ships and Task Group 7.3 Boat Pool.
- (a) Be prepared to furnish decontamination working parties for the decontamination of LST-611, YAG's, barges and small craft, and other emergencies. Instruction and supervision of working parties will be accomplished by project or other qualified personnel.
 - (b) Be prepared to collect lagoon water samples by boat as directed. An officer qualified as a radiological safety monitor will be required.
- (9) All Units.
- (a) Provide space, facilities and personnel (instructor and trainee) as may be required for the Commander Task Group 7.3 Radiological Safety Training Program. It is anticipated that this program will be conducted on all major


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RADIOLOGICAL SAFETY PLAN

ships in turn and that requests for facilities and instructors will be kept to a minimum.

- (b) Distribute film badges to all assigned personnel and insure that they are worn in plain view on the outside of clothing at all times except:
 - 1. When necessary to protect from wetting with foul weather clothing.
 - 2. When swimming.
 - 3. When sleeping the badge should be kept near the individual and protected from loss or damage.
- (c) Accomplish film badge accounting procedures in accordance with instructions to be issued later.
- (d) Maintain adequate records of the dosage acquired by all assigned personnel and initiate indicated action whenever dosages approach or exceed established MPE's.

5. Shot Phase Requirements

- a. Prior to shot time, ships of Task Group 7.3 shall note the background activity on a low range survey meter at several points on topside (AN/PDR-27 or a similar instrument such as an AN/PDR-8 modified for LIOV AC). Radiation intensities at these points shall be read at frequent intervals and as required for reports prescribed in Appendix 6 to this annex. If an indication of significant fallout is noted, the ship's water washdown system shall be started and continued in operation until instruments indicate that fallout has ceased, or the vessel is clear of the fallout area. Significant fallout is considered to be 5 mr/hr or more above background. Detailed instructions on the employment of the water washdown systems are contained in Appendix 4 to this annex. Commander Task Group 7.3 shall be notified immediately of each instance when significant fallout is detected, and further when the reporting unit is clear of significant fallout. Further instructions are contained in Appendix 6 to this annex.
- b. If ships of Task Group 7.3 are contaminated by fallout or by contaminated personnel or material coming aboard, every effort shall be made to localize and remove the contamination. Decontamination procedures for personnel, ships, aircraft and materials shall be as provided in NWIP 50-1, NavPers 10866, Pacific Fleet Instructions,


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and Appendix 5 to this annex. Technical assistance in the inspection of radiological contaminated items and the certification of destruction, disposal or unserviceability of such items will be provided by Commander Task Group 7.1 upon request via Commander Task Group 7.3.

c. All units will continue Pre-Shot Phase Requirements as applicable.

6. Roll-up Phase Requirements

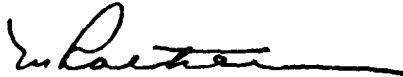
- a. All "Interim" water washdown systems will remain aboard ships. Unless otherwise directed by Commander Task Group 7.3, all temporary water washdown systems will be packaged and returned to the Supply Officer of the CVE prior to departure from the forward area.
- b. All radiac instruments and other equipment issued by Commander Task Group 7.3 on a temporary loan basis will be returned to the Task Group 7.3 Radiac Maintenance and Issue Facility aboard the CVE prior to departure from the forward area.
- c. All units will make reports and obtain clearances as prescribed by Appendix 6 to this annex.

J. H. WELLINGS
Rear Admiral, U. S. Navy
Commander

Appendices:

- 1 - Radiological Safety Regulations
- 2 - Hazards Resulting from Nuclear Test Operations
- 3 - Precontamination Preparation and Preventive Measures
- 4 - Employment of Water Washdown Systems and other Countermeasures
- 5 - Decontamination Procedures
- 6 - Radiological Safety Reports
- 7 - Radiological Safety Office and Center

Authenticated:


M. ROTHLSBERGER
LCDR, U. S. Navy
Flag Secretary

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Appendix 1 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REGULATIONS

1. General

- a. Radiological Defense (RadDefense) operations or Radiological Safety (RadlSafe) operations, short term RadOps, are general terms. They are used to denote the means by which a unit can control and confine the damage and radiological effects of an atomic explosion or of radioactive material spread by other means, thereby preventing and avoiding health hazards to personnel. They are interpreted to include measures such as training, organization, distribution of radiological personnel, development of techniques and procedures, use of detecting equipment, protection or removal of exposed personnel, and decontamination of personnel, structures and equipment.
- b. Following each detonation there will be areas of surface radiological contamination and areas of air radiological contamination. These areas are designated as Radiological Exclusion Areas (RADEX). Prior to shot times, the forecast air and surface RADEX will be disseminated by CJTF SEVEN in the target area. These RADEXES will represent a forecast from H-Hour until dissemination of a later surface and air RADEX at about H plus 6 hours. The later RADEXES will be based upon the master radiological "situation map" maintained in the RadlSafe Office of CJTF SEVEN. Since the air RADEX after shot times will be based on monitored tracking by aircraft over significant large ocean areas, information promulgated from the forecast air RADEX may have to be extended beyond the originally anticipated six hour period.
- c. The surface RADEX will be determined by actual survey with Radiation Detection, Indication and Computation (RADIAC) equipment after shot time. The most rapid method of accomplishing surface surveys in the early stages will be by aircraft and helicopter flight in and around the surface of contaminated areas. From the radiation intensities measured at a known altitude, it is possible to obtain an estimate of the radiation dosage rates which would be encountered on the surface of the ground or water. Actual water samples from the lagoon will also be utilized. Ground survey will follow these guides to determine definitely the contaminated regions and objects. Formal ground survey of the shot atoll, as feasible, will be accomplished on H plus 24 hours.

Appendix 1 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REGULATIONS

2. The Maximum Permissible Exposures (MPE's) and Maximum Permissible Limits (MPL's) as stated herein are applicable to a field experimental test of nuclear devices in peacetime wherein numbers of personnel engaged in these tests have been previously exposed or will be continuously exposed to potential radiation hazards. It may become necessary from a study of personnel records to reduce the MPE for certain individuals who have recently been over-exposed to radiation. Further, the MPE's and MPL's are subject to revision by the task force commander in individually designated cases when circumstances indicate the need and justification therefor.
3. Due to the special nature of field tests it is considered that a policy of strict adherence to the radiological standards prescribed for routine work is not realistic. The regulations set forth herein have been designated as a reasonable and safe compromise considering conservation of personnel exposures, the international import of the test and the cost aspects of operational delays chargeable to excessive radiological precautions. In all cases other than emergencies or tactical situations the ultimate criteria will be limited by the MPE's for personnel. Special instances may arise such as in the case of an air-sea rescue within the RADEX, or in the case of tactical situation in which operations will be carried out without regard to the MPE's and MPL's prescribed herein. For such emergency or tactical operations the criteria prescribed below for tactical situations will be used as a guide. Wherever possible, however, film badges will be carried and RadSafe monitors will accompany such operations to determine the extent of the actual radiation hazard experienced in order that appropriate medical action may be initiated.
4. Task force radiation dosage control will start on first shot ready date minus fifteen (15) days and terminate upon departure of individuals from the forward area, or on the last shot plus fifteen (15) days, whichever occurs first. All personnel will be considered to have arrived at the Pacific Proving Ground by first shot ready date minus fifteen (15) days. Prior and subsequent to this period, radiation dosage control will be as prescribed by Commander Task Group 7.5.
5. a. The MPE for personnel involved in this operation is 3.9 roentgens (gamma only) per 13-week period. This exposure may be acquired without limitation on rate of exposure — an individual exposure record should not indicate a total exposure greater than 3.9 roentgens for any given 13-week period.
b. A special MPE of twenty (20) roentgens (gamma only) is authorized for the operational period as defined by paragraph 4, above, for crew members or air sampling aircraft.

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- c. Authorization for individual exposures in excess of the established MPE will be granted only by Commander Joint Task Force SEVEN, and only in specific cases for which operational requirements provide justification.
- d. All exposure to external gamma radiation will be regarded as total body irradiation.
6. Those individuals exposed to ionizing radiation in excess of the value computed by paragraph 5.a. above, will be informed that appropriate remarks will be included in their medical records. Military personnel in this category will be advised that they should not be exposed to further radiation until sufficient time has elapsed in order to bring their average radiation dose down to 0.3 roentgens per week. Civilian personnel in this category will be informed that limitations on further radiation exposures will be as determined by the laboratory or agency having administrative jurisdiction over such personnel.
7. All atoll land and lagoon areas in or near which a detonation takes place will be considered contaminated until cleared for operations by the task force commander. Entry to and exit from contaminated areas will be via RadlSafe check points only.
8. Contaminated land and water areas will be delineated as such. Personnel entering these areas will be subject to clearance by the RadlSafe Center, Task Group 7.1, and will normally be accompanied by a RadlSafe monitor. RadlSafe clothing and equipment will be issued to the personnel.
9. Contaminated land areas of intensities less than 10 mr/hr (gamma only) will be considered unrestricted from a RadlSafe standpoint. Areas coming within this limitation will be designated specifically by CJTF SEVEN prior to unrestricted entry.
10. RadlSafe monitors assigned to individuals or groups working in contaminated areas, or within contaminated equipment during recovery operations, will act in an advisory capacity to keep the recovery party leader informed of radiation intensities at all times. The recovery party leader is expected to accept this advice and act accordingly. It is the responsibility of both the leader and the members of the recovery party to adhere to the limits established in these regulations.
11. Film badges, dosimeters and protective clothing (coveralls, booties, caps, gloves, dust respirators, etc.) as deemed necessary will be issued to personnel entering contaminated areas by appropriate task group RadlSafe supply sections.

Appendix 1 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REGULATIONS

12. All personnel within viewing distance of an atomic detonation ~~who are not supplied with protective goggles~~ will turn away from the detonation point and close their eyes during the time of burst. At least 10 seconds should be allowed before looking directly at the burst. ~~Personnel~~ *See Change #1*
13. The arrival and proposed use of radioactive sources at the Pacific Proving Ground will be reported to the RadlSafe Officer of Task Group 7.1 and Task Group 7.3.
14. Transportation of radioactive material to and from the forward area shall be in accordance with AEC regulations for escorted shipment of such material. The assignment of couriers and RadlSafe monitors will be the subject of separate instructions. No radioactive material shall be removed from the test site except as authorized in experimental projects.
15. All samples of radioactive material which are couriered in aircraft or ships will be packaged and loaded so as to reduce radiation to a minimum. Prior to departure of such ships or aircraft, the RadlSafe Officer, Task Group 7.3 or Task Group 7.4 will have a survey made of the radioactive cargo to determine if adequate precautions have been taken. The following criteria will determine space and packaging requirements.
- a. Prior exposure of aircraft or ship's crew, courier and passengers.
 - b. Anticipated future exposures on trip, considering length of trip, compartmental loading requirements and capability to isolate personnel from radioactive material.
16. All air and surface vehicles or craft used in contaminated areas will be checked through the appropriate task group decontamination section upon return from such areas.
17. The MPL's listed herein are to be regarded as advisory limits for control under average conditions. All readings of surface contamination are to be made with Geiger counters, with tube walls not substantially in excess of 30 mg/cm² with shield open unless otherwise specified. The surface of the probe should be held one to two inches from the surface that is under observation unless otherwise specified. For operational purposes the contamination MPL's presented below will not be considered applicable to spotty contamination provided such areas can be effectively isolated from personnel.

Appendix 1 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REGULATIONS

a. Personnel and Clothing MPL's

- (1) Skin readings should not be more than 1.0 mr/hr. Complete decontamination by bathing will be utilized for readings in excess of this level. If the body is generally contaminated, and especially if contamination is on the eyes or gonads, special efforts should be made to reduce the contamination level. In general, however, it is not considered profitable to abrade the skin or epilate the scalp in an attempt to reduce stubborn contamination below 1 mr/hr (about 1000 cpm). Beta radiation exposure to the hands should not exceed 30.0 rep for the operational period, as defined in paragraph 4 above.
- (2) Underclothing and body equipment such as the internal surfaces or respirators should be reduced to 2 mr/hr.
- (3) Outer clothing should be reduced to 7 mr/hr.

b. Vehicle MPL's. The interior surfaces of occupied sections of vehicles should be reduced to 7 mr/hr. The outside surfaces of vehicles should be reduced to less than 7 mr/hr (gamma only) at five or six inches from the surface.

c. Ship and Boat MPL's

- (1) It is desired to point out that the employment of the ships and units in Task Group 7.3, insofar as radiological safety is concerned, is not considered routine usage within the purview of NavMed P-1325, "Radiological Safety Regulations". Current revision of NavMed P-1325 indicates that its provisions do not apply for special operations such as field tests and that for such operations naval personnel will operate under regulations set forth by the task force commander as approved by the Chief of Naval Operations. Current instructions are contained in OPNAV Instruction 3441.1A.
- (2) In general, ships and boats operating in waters near shot sites after shot time may become contaminated. Monitors shall be aboard all such craft operating after shot time, either as passengers or members of the crew, until such time as radiological restrictions are lifted.

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- (3) Task group commanders will take necessary action to insure that personnel of ships and boats are not overexposed to radiation and that ships and boats are not contaminated excessively. The criterion in both cases is that no personnel will be overexposed as defined by paragraph 5.a. above, except in emergencies or tactical operations, and that after the operational period no personnel will receive more than 0.3 roentgens per week from contaminated equipment.
- (4) For ships and boats operating in contaminated waters, reasonable allowances will be made to differentiate between the relative contribution to the total flux from fixed contamination and that due to "shine" from contaminated waters. Fixed alpha contamination should not exceed 2500 dpm (disintegrations per minute) per 150 cm² of area for enclosed areas (cabins, etc.) and 5000 dpm per 150 cm² area for open surfaces where ventilation is good.
- (5) At the conclusion of the operation, final clearances will be granted by task group commanders or by commanding officers, if so ordered, to those ships and boats showing no point of contamination greater than 15 mr/day (beta and gamma) and no detectable alpha. Other ships and boats will be granted operational clearances by task group commanders or by commanding officers, if so ordered. An operational clearance implies that contamination exists and that special procedures as necessary are instituted aboard ship.
- (6) Individuals on board ships of the task force shall be protected collectively from hazards of blast, heat and radioactivity by movement and positioning of ships.
- (7) Ships with personnel aboard shall not be permitted inside the 1.0 psi line unless specifically directed otherwise. Bearings of danger from immediate radioactive fallout for ship operations will be established by CJTF SEVEN on the basis of forecast wind directions at the intended time of detonation. This danger section will be designated as surface RADEX. All ships of the task force shall be required to remain outside the RADEX, unless specifically directed otherwise. However, if ships are directed tactically into the surface RADEX, movement of ships shall be governed by tactical exposure guides.

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Appendix 1 to Annex G, Radiological Safety Plan
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d. Aircraft MPL's

- (1) The interior surfaces of occupied sections of aircraft should be reduced to 7 mr/hr.
- (2) No aircraft in the air at H-Hour will be at slant ranges from ground zero less than as determined by the following effects unless specifically directed otherwise. (Based on maximum predicted yield and 20 miles visibility,)

Blast (at predicted shock arrival): 0.5 psi

Thermal (H-Hour): Fabric control surfaces: 1.0 cal/cm²
Metal control surfaces: 6.0 cal/cm²

- (3) After detonation no aircraft shall operate inside the air RADEX or closer than 10 nautical miles from the rising or visible cloud unless specifically directed otherwise. Non-expected aircraft involved in routine operations encountering unexpected regions of aerial contamination will execute a turnout immediately upon detecting such contamination. Cloud tracking aircraft will execute turnout from contaminated areas at a level of not more than 3.0 r/hr. If a tactical or emergency situation arises where aircraft must enter the air RADEX or visible cloud, tactical exposure allowances shall apply.
- (4) All multi-engine task force aircraft in the air at H-Hour within 100 miles of the detonation point shall carry a person designated as radiological safety monitor, equipped with suitable radiac equipment and a RADEX plot. This monitor shall be capable of calculating allowable exposures under both tactical and operational conditions.
- (5) All persons in aircraft at shot time, or at subsequent times, shall wear film badges when engaged in operations in or near the cloud or RADEX track.
- (6) Crew members of aircraft in the air at zero hour will take special precautions to avoid (for at least 10 seconds) the direct and reflected light resulting from the burst. At the discretion of the airplane commander this could be done with protective high density goggles, by turning away from the burst with eyes closed, by covering the eyes with the forearm by turning cockpit lights up to highest intensity or by any combination of the above.

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RADIOLOGICAL SAFETY REGULATIONS

- e. ~~In air and water the following continuous levels of radioactivity are considered safe from the standpoint of personnel drinking and breathing (uc - microcurie):~~

Water

~~Beta-Gamma Emitter~~
 ~~5×10^{-3} uc/cc (calculated to H plus 3 days)~~

See Change #1
Air (24 hour average)

~~Particles less than 5 micron diameter 10^{-6} uc/cc~~
~~Particles greater than 5 micron diameter 10^{-4} uc/cc~~

18. In tactical situations the military commander must make the decision regarding allowable exposures. As military personnel are normally subject to only random exposure, health hazards are at a minimum. Current Department of Defense information on exposure to gamma radiation in tactical situations is indicated below:
- Uniform acute (immediate) exposure of 50 roentgens to a group of Armed Forces personnel will not appreciably affect their efficiency as a fighting unit.
 - Uniform acute exposure of 100 roentgens will produce in occasional individuals nausea and vomiting but not to an extent that will render Armed Forces personnel ineffective as a fighting unit. Personnel receiving an acute radiation exposure of 100 or more roentgens should be given a period of rest and individual evaluation as soon as possible.
 - Uniform acute exposure of approximately 150 roentgens or greater can be expected to render Armed Forces personnel ineffective as troops within a few hours through a substantial incidence of nausea, vomiting, weakness and prostration. Mortality produced by an acute exposure of 150 roentgens will be very low and eventual recovery of physical fitness may be expected.
 - Field commands should, therefore, assume that if substantial numbers of their men receive acute radiation exposures substantially above 100 roentgens there is a grave risk that their commands will rapidly become ineffective as fighting units.
 - Internal radiation hazards caused by entry of radioactive substance through the mouth, through the lungs or through cuts or wounds do not exist after an air burst. Internal hazards following a contaminating surface explosion may be avoided if ordinary precautions are taken. Only under unusual circumstances will there be internal

Appendix 1 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REGULATIONS

hazard from residual contamination. This eliminates the necessity for masking and consequent reduction of tactical efficiency.

- f. see change #1*
19. The RadlSafe Officer, Task Group 7.1, will maintain standard type film badge records of radiation exposures for all task force personnel. Records will indicate full name, rank or rate, serial or service number, if applicable, organization, home station or laboratory, date of exposure, approximate duration of overexposure in hours and minutes (for Army personnel only) and remarks such as limitations on assignment because of overexposure. Upon completion of the operation, disposition of these records will be as follows:
- a. A consolidated list of exposures listing military personnel and civilian personnel under military control by full name, rank, or rate, serial or service number (if applicable), organization, home station or laboratory and exposure in milliroentgens, together with exposed film badges and control film badges, will be forwarded to the Chief, AFSWP.
 - b. A consolidated list of personnel and exposures, as indicated in paragraph 19.a., above, including all AEC personnel will be forwarded to the Director, Division of Biology and Medicine, AEC.
 - c. Individual records of Navy and Air Force military and civilian personnel will be forwarded to their unit of permanent assignment for inclusion in the individual's health record (Medical History Sheets, Standard Form 600 and the Individual Health Record for Navy and Air Force personnel, respectively). For those military personnel exposed to ionizing radiation in excess of that defined in paragraph 5.a., above, a statement will be included to the effect that the individual is not to be subjected to ionizing radiation before a specific date, the date to be computed by the RadlSafe Officer, Task Group 7.1, to allow sufficient time to elapse in order to bring the average radiation dose down to 0.3 roentgens per week. Limitations on Navy and Air Force civilian personnel with reference to overexposure will be as determined by the laboratory or agency having administrative jurisdiction over such personnel.
 - d. Individual records of Army military and civilian personnel will be forwarded in accordance with AR 40-414 dated 16 December 1954 to their unit of permanent assignment for inclusion in the individual's field military 201 file or the civilian personnel 201 file (whichever is applicable). These records will indicate date of exposure, amount of exposure in milliroentgens, approximate duration

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of overexposure in hours and minutes and a space for remarks such as limitations on assignments (as indicated in paragraph 19.c., above) because of overexposures.

- e. Individual records of AEC controlled and administered civilian personnel will be processed in accordance with special instructions prescribed by the laboratory or agency having administrative jurisdiction over such personnel.
 - f. Upon completion of provisions of paragraph 19.a., b., c., d., and e., above, letter reports will be submitted through channels to the Surgeon General, USA; the Chief, Bureau of Medicine and Surgery, USN; the Surgeon General, USAF and the Director, Division of Biology and Medicine, AEC, indicating, in general, the action taken to dispose of individual dose records, comments on overexposure if applicable and any pertinent remarks considered of interest to the above offices.
20. Training. The inclusion of radiological safety organizations throughout the task force will require two general levels of training; basic indoctrination and technical training. The scope of instruction within each of these levels will vary in accordance with the requirements of different operational and staff levels. Basic indoctrination will include primary, non-technical instruction in radiological safety measures and techniques. This must be imparted to all personnel of the task force to enable them to perform their assigned duties efficiently within the allowable low exposures, regardless of the presence of radioactive contaminants. Technical training will include the training of the majority of the personnel who will be required to staff the task force radiological safety organizations and perform the technical operations involved. This will be accomplished through the utilization of existing Service courses and establishment of suitable courses at task group level. This instruction will be designed to train radiological defense monitors, decontamination personnel and radiological instrument repairmen.
21. These regulations have the concurrence of the Surgeon General, USA; the Chief of Naval Operations; the Surgeon General, USAF and the Director, Division of Biology and Medicine, AEC.
22. This appendix is a reprint of Appendix 1 to Annex K to CJTF SEVEN Operation Plan No. 1-56 (DRAFT) with minor changes. It has been designated for reduced security classification in order to facilitate wide dissemination and may be downgraded to UNCLASSIFIED provided all reference to Joint Task Force SEVEN and its subordinate units are deleted.

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Appendix 2 to Annex G, Radiological Safety Plan
HAZARDS RESULTING FROM NUCLEAR TEST OPERATIONS

1. Nature of Hazards

- a. When an atomic or nuclear bomb explosion occurs, tremendous quantities of energy in a variety of forms are released. This energy is propagated outward in all directions.
- b. The immediate reaction is intense emission of ultraviolet, visible and infrared (heat) radiation, gamma rays and neutrons. This is accompanied by the formation of a large ball of fire. A large part of the energy from the explosion is emitted as a shock wave. The ball of fire produces a mushroom-shaped mass of hot gases, the top of which rises rapidly. In the trail below the mushroom cap, a thin column is left. The cloud and column are then carried downwind, the direction and speed being determined by the direction and speed of the wind at the various levels of air from the surface to base of mushroom cap. Part of the energy from the explosion results in an ocean surface wave which is considered of minor consequence to the task force.
- c. All personnel of the task force will be well outside of the range of all hazards at the time of detonation, except for the light from the fire ball. The light of explosion is so intense that permanent injury to the eye may result from viewing the ball of fire at close range with the naked eye or through binoculars. Ordinary dark glasses will not suffice and all personnel who do not have the special protective glasses, which will be issued in limited numbers by Commander Task Group 7.3, must be facing 180 degrees from the detonation with the eyes closed and covered by the arms. *It is See Change #1*
- d. The emission of dangerous nuclear radiation can be separated into two time periods. The primary radiation which occurs at the time of the flash is composed of gamma rays and neutrons. Casualties may result from this primary radiation if the exposure occurs within a certain range of ground zero. Secondary radiation is due to activation of the soil around ground zero and to fallout.
- e. Following the detonation, personnel entering shot areas will be exposed to beta particles and gamma rays coming from induced neutron activity in the soil and/or water, and any fission products which might have been deposited on the ground or in the water. There may also be a potential alpha particle hazard from the unfissioned fissionable materials which may be deposited on the ground or in the water.

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Appendix 2 to Annex G, Radiological Safety Plan
HAZARDS RESULTING FROM NUCLEAR TEST OPERATIONS

2. Protection

- a. Against the primary radiological effects, distance will provide protection.
- b. Against the secondary radioactivity hazards from radioactive fission products, induced radioactivity and unfissioned residue, detection and avoidance provide the best protection. Suitable instruments indicate both the presence and intensity of radioactivity at a given place. Area reconnaissance, the maintenance of contamination situation maps, the posting of areas of hazard, minimizing the spread of contaminated material into uncontaminated areas constitute the active measures for reducing the radiological hazard. For contaminated areas which must be used (ships, boats, aircraft, etc.), early and effective decontamination is essential.
- c. Personnel within an operational radius of ground zero who are to be facing in the direction of the flash will be required to wear special goggles to protect their eyes against excessive light. Personnel within the above operational radius who are not provided goggles will face, with eyes closed and covered with arms, in the opposite direction from the flash. After ten (10) seconds, such personnel may turn about and observe the phenomena.

3. Anticipated Hazard Areas

- a. Immediately under the bomb burst there will be an area of intense radioactivity extending downwind and to some extent crosswind and upwind with gradually decreasing intensity.
- b. Extending downwind (and to some extent crosswind and upwind) an airborne radioactive hazard will exist. Its characteristics will depend on the meteorological influences such as wind speed and direction at various altitudes up to the maximum height reached by the cloud.

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Appendix 2 to Annex G. Radiological Safety Plan
HAZARDS RESULTING FROM NUCLEAR TEST OPERATIONS

- c.d.* Contaminated water in the lagoon adjacent to the shot site may be of consequence and will be analyzed by the radiological safety unit of Task Group 7.1 immediately after shot time and at other intervals.
- d.s.* Unless care is exercised, individuals or objects entering contaminated areas may transfer radioactivity to clear areas.
- e.f.* By means of instruments, such as Geiger-Mueller counters, ion chambers or photoelectric cells it is possible to detect the area of contamination and to measure the intensity of the radioactivity. Radiation intensity will normally be measured and reported in roentgens per hour. Besides those instruments, dosimeters and film badges will be used as indicators of the accumulated exposure to radioactivity.
- f.g.* The intensity of the radioactive hazard tends to decrease with time due to decay of radioactive materials, and dispersion and dilution, depending upon climatic conditions. As an approximation, the intensity of the radiation from the fission products decreases by radioactive decay inversely with the time after the detonation.
4. This appendix has been designed for reduced security classification in order to permit wide dissemination to all personnel of the command, and may be downgraded to UNCLASSIFIED provided all references to Joint Task Force SEVEN and its subordinate units are deleted.

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Appendix 3 to Annex G, Radiological Safety Plan
PRECONTAMINATION PREPARATIONS AND PREVENTIVE MEASURES

1. Recommended precontamination preparations, in addition to those contained in Annex G, are listed below for the information and guidance of all units:
 - a. Condition of Hull and Topside of Ships. To minimize adherence of contaminants and to facilitate decontamination it is essential that all exposed surfaces be well painted (or greased) and free from all dirt, rust, corrosion and marine deposits. Drydocking for hull cleaning and painting is not required but is highly desirable.
 - b. Salt Water Systems. Contamination tends to build up in systems where rust, corrosion and marine deposits have accumulated. All salt water systems should be flushed as thoroughly and as frequently as practicable both before and during the operation. Flushing with fresh water is preferable when available.
 - c. Precontamination Preparation of Aircraft. Insofar as practicable all aircraft exterior surfaces should be kept free of extraneous grease and oil and should be well painted and waxed. Cabin surfaces of helicopters should be covered with paper and kept free of dirt. Masking tape should be used over interior cracks and crevices where feasible.
 - d. Topside Closure Fittings. To prevent the spread of contamination into the interior of ships it is vital that all ventilation, access and other fittings be in excellent operating condition and that all personnel are thoroughly indoctrinated in the maintenance of watertight integrity and the integrity of the gas envelope. An effective inspection and maintenance program together with well written control bills and frequent drills in accordance with administrative commanders' directives is essential.
 - e. Topside Equipment and Materials. The degree of topside contamination can be minimized and the decontamination facilitated by removal or covering of machinery, canvas, mooring lines, boats, fenders, swabs, etc., before the contaminating event. Such equipment and materials should be stowed below decks or protected with metal or treated canvas covers.

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Appendix 3 to Annex G, Radiological Safety Plan
PRECONTAMINATION PREPARATIONS AND PREVENTIVE MEASURES

- f. Topside Drainage. The efficiency of the water washdown system and of all topside decontamination work will largely depend upon the adequacy of drainage over the side. All waterways and drains should be kept well painted and free of rust, scale, corrosion, dirt, and other accumulations. Depressions in decks will tend to accumulate contaminated water and should be eliminated or drained as feasible.
- g. Monitors Plans, Evaluation Sheets and Contamination Plots. Monitors plans of assigned areas; evaluation sheets for the calculation of predicted intensities, stay time and accumulated dosage; and deck plans for contamination plots should be drawn up in advance and personnel instructed in their use.
- h. Storage and Issue of Radiac Survey Instruments. A sufficient number of reliable radiac survey and personnel dosage instruments should be issued to repair parties and stowed in repair lockers. Repair party personnel should be thoroughly familiar with their use.
- i. Change House. Adequate personnel decontamination facilities should include one or more change houses conveniently located to permit processing personnel from areas susceptible to contamination (topside) to clean areas (interior of ship) and should provide for:
- (1) Contaminated entrance for monitoring, undressing, collection and recording of dosage instruments, and disposal of contaminated clothing.
 - (2) Shower facilities to accommodate anticipated peak loads with soap, towels and hand brushes. Fresh water showers are preferable with provisions for salt water use in the event of a fresh water shortage.
 - (3) Clean exit where clean clothes and dosimeters are issued and individual is monitored to insure removal of all contaminants before dressing.
 - (4) Personnel designated and trained to supervise the facility and control procedures to prevent the spread of contamination to clean areas. An existing washroom may be modified to suit these requirements.

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Appendix 3 to Annex G, Radiological Safety Plan
PRECONTAMINATION PREPARATION AND PREVENTIVE MEASURES

- j. Training, Planning, Bill, Organization and Drills. Completion of the necessary planning and organization is a vital precontamination preparation. Careful, thorough training, therefore, is a necessary prelude to this phase. Planning includes review of the existing emergency and defense procedures, casualty control bills, stationing of personnel, distribution of equipment, etc., to determine the necessity of revision in the light of the anticipated radiological effects of a test operation. Organization involves the establishment of monitor teams, decontamination squads, contamination plotting team, etc., within the framework of the existing unit organization, and the assignment of responsibility for the execution of radiological defense measures. This organization, and the defense measures to be executed in the event of radiological contamination should be fully described in the unit's Atomic Defense Bill. The final phase in preparing a unit for test operations is drilling all personnel in the defense procedures outlined in the Atomic Defense Bill. These drills should be as realistic as possible. They should be conducted frequently until an acceptable level of performance is reached. Only if this is done can the commanding officer feel confident that his unit is fully prepared to carry out its mission with the least possible casualties.
2. The importance of precontamination preparation and preventive measures cannot be overemphasized. "An ounce of prevention is worth a pound of cure."
3. This appendix has been designated for reduced security classification in order to facilitate wide dissemination and may be downgraded to UNCLASSIFIED provided all references to Joint Task Force SEVEN and its subordinate units are deleted.

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Appendix 4 to Annex G, Radiological Safety Plan
EMPLOYMENT OF WATER WASHDOWN SYSTEMS AND OTHER COUNTERMEASURES

1. Water washdown systems should be turned on when radioactive fallout causes the radiation at any location on topside to exceed 5 mr/hr (gamma only) on shot days or 2 mr/hr (gamma only) on other days. It may further be turned on at the discretion of the commanding officer and as directed by Commander Task Group 7.3.
2. It is recommended that the above indication of radiation intensities be monitored by means of several low range survey instruments (AN/PDR-27 or equivalent) located at various topside stations with the probe fixed within one inch of and looking directly at the deck.
3. The washdown system should be operated continuously as long as radioactive fallout is occurring and the radiation intensity (dose rate) continues to increase, as determined by continuous monitoring from the bridge or other location sheltered from the spray. When the intensity level has stabilized, possibly after a marked decrease from the maximum reading, the washdown system should be shut down periodically to determine if fallout is still present. As a guide, the minimum times of operation are dependent upon the average relative wind along the centerline of the ship:

Greater than 25 knots - 15 minutes

15 - 25 knots - 20 minutes

Less than 15 knots - 30 minutes

4. To determine if fallout is still occurring, select and mark about ten (10) exposed locations evenly distributed on the various weather decks and take readings of radiation intensity immediately after the washdown system is turned off, then take radiation intensity readings at exactly these same locations at five (5) minute intervals to determine if there is any change in radiation intensity. If the radiation intensity is increasing, fallout is still occurring and the washdown system should be turned on again. If the radiation intensity remains about the same with no noticeable increase or decrease, the washdown system should be operated intermittently so that topside horizontal surfaces are kept wet, because a slight amount of fallout is probably occurring. If there is a steady decrease in the radiation intensity the fallout has ceased. Gamma plus beta radiation intensity readings (i.e., open window readings on the AN/PDR-27C) will be helpful in determining if there is any change in radiation intensity.

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Appendix A to Annex G. Radiological Safety Plan
EMPLOYMENT OF WATER WASHDOWN SYSTEMS AND OTHER COUNTERMEASURES

However, only gamma intensity should be reported to Commander Task Group 7.3.

5. Ships will be maneuvered as directed by Commander Task Group 7.3, or if operating independently, at discretion. If safe and practicable, maneuver so as to bring the relative wind consecutively from different quadrants and so as to list ship slightly to clear the topside of collected water. If sea room is available, describing a figure eight is well suited for this purpose.
6. The foregoing instructions are not to be construed as prescribing the only times or conditions under which the washdown system may be operated. The commanding officer is authorized to use the washdown system at any time he deems it necessary to prevent radioactive contamination from being deposited on his ship, and as frequently as necessary for testing and training.
7. If decks and structures are kept wet prior to fallout there is less likelihood of radioactive fallout being absorbed into porous materials and cracks.
8. In addition to RadlSafe Instructions listed elsewhere, it is directed that all ships within eighty (80) miles of the shot site from D-Day to D plus 2 day observe the following procedures:
 - a. From H plus 10 minutes to H plus 4 hours:
 - (1) Clear topsides of all nonessential personnel.
 - (2) Close all doors, hatches, and ports from topside to the interior of the ship.
 - (3) Continue to operate the ventilation systems at the discretion of the commanding officer, but monitor air coming from topside.
 - (4) Keep the washdown equipment ready for immediate use.
 - (5) Maintain the topside in a wet condition by continuous or intermittent use of the washdown system or by hosing down. In order to avoid grounding numerous antennas, ESTES shall not use the washdown system until and unless fallout is detected.
 - (6) Maintain a constant watch for radioactive fallout on topsides modified as necessary when washdown system is turned on.

Appendix A to Annex G. Radiological Safety Plan
EMPLOYMENT OF WATER WASHDOWN SYSTEMS AND OTHER COUNTERMEASURES

b. From H plus 4 hours to H plus 8 hours:

- (1) Keep the washdown system ready for immediate use, except when this interferes with essential ship activities.

9. All Task Group 7.3 ships in the ENIWETOK/BIKINI Danger Area shall:

- a. From H plus 4 hours to H plus 36 hours, check the topsides for radioactive fallout and residual contamination intensities every twenty (20) minutes.
- b. From H plus 36 hours to H plus 72 hours, check the topsides for radioactive fallout and residual contamination intensities every hour.
- c. From H plus 72 hours to D plus 7 days, check the topsides for radioactive fallout and residual contamination intensities every four (4) hours.
- d. Maneuver to avoid rainfall and low clouds, as practicable.
- e. When radioactive fallout is detected, take appropriate measures in accordance with existing instructions, and report in accordance with Appendix 6 of this annex.

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Appendix 5 to Annex G, Radiological Safety Plan
DECONTAMINATION PROCEDURES

1. General

Radioactive contamination will probably at some time during test operations render an essential area or piece of equipment temporarily unusable. In such a situation, the reduction of such radioactive contamination may be mandatory to successful accomplishment of the operation. Decontamination of units and personnel shall be accomplished on the site to reduce the hazard to operational levels. It should be remembered that radioactive fission products decay as time passes, the most rapid decay taking place within the first few hours after detonation. To compute dosages and stay time, see "Radiological Defense", Vol II pages 223-229 or "Dosage and Dose Rate Curves of Residual Radioactivity", AFSWP 99.

2. Reagents

In most of the decontamination operations which might be required of Task Group 7.3, uncontaminated fresh or salt water sprayed under pressure shall be used for gross decontamination. Ordinarily, salt water should not be used on aircraft. Other reagents which are used where water is inappropriate or inadequate are: Soaps, detergents, standard cleaner USN C-152 or 147, 5-10% sodium citrate solution of USAF cleaning compound Spec. 20015 (gunk), kerosene and soap powders. Cleaners with an oil carrier are especially suitable for aircraft decontamination. An additional list of recommended materials and procedures has been furnished to all units.

3. General Aircraft Decontamination Procedures

- a. The flight of an aircraft through a radioactive cloud or its "Fallout" poses a problem which contains many unpredictable factors, i.e. type of aircraft, pressuring if any, type of ducting for cockpit, engine oil cooler location, etc. Contamination carried aboard by passengers and their equipment adds to these problems.
- b. After it has been determined through monitoring that decontamination is necessary, aircraft will be decontaminated aboard the CVE or at a shore facility as indicated.

(1) Decontamination Operations on Board a Carrier (General Criteria).

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Appendix 5 to Annex G, Radiological Safety Plan
DECONTAMINATION PROCEDURES

In decontaminating aircraft on board a carrier, the following factors should be stressed:

- (a) Area should be well isolated from personnel living spaces, ventilator intakes, etc.
- (b) A clear watershed to the sea should be provided, if practicable, to prevent contamination of the vessel.
- (c) Air circulation.

(2) Decontamination Operations Aboard a Carrier (Specific)

- (a) Decontamination personnel shall be in decontamination suits. A recommended list of radiological safety protective clothing for such suits has been furnished separately to all units. This decontamination suit provides protection from contamination, and, for avoiding heat prostration, is much more satisfactory than a waterproof suit. The Marine utility cap is preferred to the Navy utility cap N-1, because more adequate head coverage is provided.
- (b) Decontamination personnel shall be restricted to the immediate area surrounding the contaminated aircraft. Support personnel are in the "clean" background area to manipulate equipment to the decontamination team.
- (c) The decontamination area should be clearly marked and roped off in some manner.
- (d) Every effort shall be made to prevent the contamination of the ship in the decontamination area.
- (e) Provision should be made for disposal of contaminated items in the decontamination area (GI cans may be used for small objects).
- (f) All material leaving the decontamination area shall be monitored.
- (g) Decontamination operations shall be interrupted intermittently for monitoring of aircraft to determine effectiveness. Work periods should be calculated after intensity levels are measured.

Appendix 5 to Annex G, Radiological Safety Plan
DECONTAMINATION PROCEDURES

- (h) Decontamination operation should continue until the level of intensity drops below 7 mr/hr (gamma only). If this level cannot be readily attained using the methods indicated herein, the RadSafe Officer of Task Group 7.3 should be contacted for instructions. In the case of helicopters every effort shall be made to effect maximum decontamination since these aircraft probably will be required to make repeated flights into contaminated areas.
- (i) Where metal parts are contaminated and there is danger of damaging adjacent items of porous material, such as fabric, scrubbing with cleaning solution is effective.
- (j) If initial contamination is driven into paint, apply a solution containing 5 pounds of lye, 5 pounds boiler compound, 1 pound starch and 10 gallons of water and scrub with wire brush or scrape to remove all paint. Apply cleaning solution and flush thoroughly with water. REMONITOR.
- (k) Approximately 40% of original contamination should be removed by the first application of cleaning solution and flushing and approximately 10% by the second. Further applications are of dubious value.

4. General Ship Decontamination Procedures

- a. Spraying of the topside with nonradioactive water following an unavoidable exposure of a ship to radioactive fallout will probably minimize the necessity for further decontamination. The interior of the ship is preserved in its "clean" status by setting of the appropriate damage control condition of readiness to seal the ship's envelope.
- b. Should the above method fail to prevent contamination, decontamination suits shall be worn to protect the damage control parties who must work on the contaminated sections of the ship. In the use of water after the ship has been exposed to contamination, special techniques are required to control the contaminating spray resulting from hosing operations. If possible, the hosing of an object should be carried on from the upwind side so that the spray will not drift back on the operators. The most satisfactory operating position is from 15 to 20 feet from the surface. On vertical surfaces, the water should be directed to strike the surface at an angle of 30 to 45 degrees. The complication of a brisk wind can be partially offset by using a wind-break. For

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Appendix 5 to Annex G, Radiological Safety Plan
DECONTAMINATION PROCEDURES

hosing down large contaminated areas, a decontamination rate of approximately 4 square feet of surface area per minute should be used. Special attention must be given to the drainage from these operations to allow direct flow to disposal points over the side.

- c. Hosing is not the complete answer to decontamination; scrubbing techniques may have to be used.
- d. Wooden surfaces, if contaminated, can be decontaminated as outlined below under General Boat Decontamination Procedures.
- e. Contamination on ships, boats, and aircraft shall be reduced as much as practicable, and except in unusual cases to a value lower than 7 mr/hr (gamma only). A surface is not decontaminated sufficiently when two square inches of filter paper rubbed lightly over twelve square inches of contaminated surface and then held one half inch from the open window of an AN/PDR-27 type instrument reads more than 0.5 mr/hr above background. Advice can be obtained from the staff of Commander Task Group 7.3.
- f. When a ship or boat is in contaminated water for an appreciable period of time, some of the contamination adheres to the hull and interior of the salt water systems. This type of contamination entails no internal beta or alpha hazard to personnel on board (except when salt water systems are opened for repairs), but only an external gamma hazard. In general, decontamination of this type of contamination will not be practicable or necessary during test operations. Such contamination can be minimized by keeping vessels in contaminated water only as long as necessary for the accomplishment of their mission, and by flushing salt water systems regularly. After such exposure, all ships shall be monitored for radioactivity near hull and salt water systems every four hours (or more often at the discretion of the commanding officer) until it is established that no dangerous radiation fields exist. Commanding officers shall notify Commander Task Group 7.3 promptly of any cases where it appears that contamination of this type may result in exposure of personnel to more than the established MPE. Estimates of exposure should be realistic; for example, if an engineering space has an intensity of 50 mr/hr at one inch from a condenser, and 2 mr/hr at a place 10 feet from the condenser where a man stands watches 8 hours per day, the estimated exposure of this man is $2 \times 8 = 16$ mr/da or approximately 1.5 r for a 13 week period and not $50 \times 8 = 400$ mr/da or approximately 37.5 r for a 13 week period.

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Appendix 5 to Annex G, Radiological Safety Plan
DECONTAMINATION PROCEDURES

- g. Previous experience indicates that distilled water from evaporators is uncontaminated even though the salt water side of the evaporator unit is contaminated to a level of up to 20 mr/hr one inch from the outside of the shell. The explanation is that contamination does not distill over with the water, but part of it goes overboard with the brine and the remainder becomes attached to the inside of the unit. Thus evaporators should be frequently monitored and checked to prevent carry-over but potable water made should be safe for drinking as long as the shell does not exceed 20 mr/hr at one inch. Nevertheless, all commanding officers should send samples of drinking water for radiochemical analysis (to the AINSWORTH) at least weekly and whenever there is a possibility of contamination. The possibility of hull leaks permitting contaminated water to enter the ship's potable water tanks should not be overlooked although it is probable that such leaks would be detected by the salty taste of the water before dangerous concentration of contaminants are reached.

5. General Boat Decontamination Procedures

- a. If boat exterior, i.e., painted surface, is contaminated from passage through contaminated water, hosing down and scrubbing, if necessary, should be sufficient to reduce any contamination to well below prescribed tolerances. If boat is water-borne, drainage from hosing down should present no problem. Dispersal of radioactive products in the sea is anticipated to be sufficient to prevent recontamination of other boats. If interior of boat is contaminated, hosing down and pumping out over the side should suffice. However, repeated use of this method can concentrate some contamination in the bilge pump system which is not desirable, and this pump should be especially monitored.
- b. Contamination can be introduced into boats by contaminated passengers, radioactive "fallout", or seepage of contaminated water into bilges. It is considered most likely that any major contamination in the boats will come from contamination on passengers and equipment brought on board. Unpainted wood will not be as readily decontaminable as described above. Any contamination should be relatively light. If relatively light and too resistant to normal hosing down, scrubbing and scraping, a coating of shellac, varnish or paint will usually effectively shield out alpha and beta radiation and seal it in until radioactive decay completes the process of removal of any health hazard. It is planned that all boat decontamination will be done in an open sea area (ocean or lagoon) where water disposal from low order of contamination and drainage is no problem.


Appendix 5 to Annex G, Radiological Safety Plan
DECONTAMINATION PROCEDURES

- c. Decontamination of boats will normally be accomplished by boat pool personnel assisted as required by working parties from other ships. Tugs may be required to move contaminated boats and to assist in decontamination principally by salt water spray at a distance. Additionally some boats may be painted with a "strippable coating" to facilitate rapid decontamination with special hot water jet apparatus. All destroyer types will be trained to use this equipment and utilized, as available, to accomplish such decontamination.

6. General Personnel Decontamination Procedures

- a. At the completion of decontamination operations on shipboard, personnel concerned should be monitored on the spot - then shed outer (protective) clothing, gloves, booties, etc., disposing of same into covered containers. Personnel then are monitored and if necessary sent to a personnel decontamination center. (See Appendix 1 of this annex, para 17.a.).
- (1) Ships damage control directives usually state that a "decontamination head" shall have an entrance from the weather deck, and a clean exit inside the ship. To prevent contamination from getting inside the ship, it is recommended that a temporary "change house" be installed on the weather deck with provisions for storing contaminated clothing. The combination of a "change house" and shower facility will be referred to as a "change station" or "personnel decontamination station".
- b. Personnel upon completion of their duties in a contaminated area will be required to utilize the facilities within a "change house" and, if necessary, those within the decontamination head. Change stations should be organized and operated in such a way that the following is insured:
- (1) Monitoring of suspected contaminated personnel at "change house" ENTRANCE.
- (2) Advising each person as to degree of contamination and spots more highly contaminated than others, paying special attention to soles of shoes, hands and hair.

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Appendix 5 to Annex G, Radiological Safety Plan
DECONTAMINATION PROCEDURES

- (3) Instruction of incoming personnel as to where contaminated clothing should be placed. This clothing may require laundering or, as a result of decay of radioactive contamination, it may be possible to reuse it after a period of time without laundering.
 - (4) Monitoring of personnel with and without clothing when clothing is contaminated.
 - (5) Collection of dosimeters worn by persons entering decontamination centers.
 - (6) Shower facilities where personnel will scrub thoroughly with particular attention to hair and hands when contaminated. Hand brushes, soap and towels should be available.
 - (7) Second monitoring after shower and release of personnel if skin count is less than 1 mr/hr (gamma only). Washing should continue as necessary subject to the provisions of para 17.a.(1) of Appendix 1 to this annex.
 - (8) Provision for issue of clean clothes and dosimeters.
- c. A stage rigged over the side with a portable salt water spray fixture will serve as a very simple arrangement to augment personnel decontamination facilities.

7. Disposition of Contaminated Items

Contaminated items which are impossible or impractical to decontaminate may be surveyed or kept in a space, such as a void, where they will not be hazardous to personnel until natural radioactive decay renders them harmless. Advice on disposition of contaminated items may be obtained from Commander Task Group 7.3. Contaminated items which will float shall not be thrown overboard except by permission of Commander Task Group 7.3.

8. This appendix has been designed for reduced security classification to permit wide dissemination to all personnel of this task group and may be downgraded to UNCLASSIFIED provided all references to Joint Task Force SEVEN, its subordinate units, and geographical locations are deleted.

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.,
24 January 1956; 1000R

Appendix 6 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REPORTS

1. A summary of all radiological safety reports required by this command is tabulated below for information and compliance:

<u>Title and Description of Reports</u>	<u>Required of</u>	<u>Date required</u>
a. Status of RadlSafe Training - form will be furnished	All subordinate commands	10th of each month
b. Status of Radiac Equipment - form will be furnished	All subordinate commands	Prior to issue of instruments by CTG 7.3 at PPG and as directed
c. Initial test of Water Wash-down System - letter report to include evaluation of coverage and any defects noted.	All ships	When occurring
d. Inability to obtain required or desired RadlSafe equipment or materials - letter report concerning inability to obtain protective clothing, decontamination material, radiac batteries and spare parts, etc. No report is desired concerning allowed radiac instruments.	All subordinate commands	When occurring
e. Film Badge Dosimeter Accounting Reports - as contained in Appendix 1 to this annex and further instructions to be furnished.	All subordinate commands	As directed
f. Radioactive Fallout Report - as described below	All ships	As directed below
g. Summary of contamination experienced from _____ shot - form will be furnished	All ships	One week after each shot. Negative reports are desired.

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Appendix 6 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REPORTS

<u>Title and Description of Reports</u>	<u>Required of</u>	<u>Date Required</u>
h. Contamination of equipment and exposure of personnel - as described below	All subordinate commands	When occurring
i. Approximate Air Radiation Intensities - as directed by para 4.b.(5) of Annex G	VP-1	H-Hour to H plus 24
j. Request for clearance - as directed below	All subordinate commands	Prior to departure from PPG
k. Final Radiological Safety Report - as described below	All subordinate commands	Within 10 days after last shot

2. Further details concerning information required in these reports:

- a. Status of RadlSafe Training. Forms are self-explanatory. Information is desired to enable Commander Task Group 7.3 to monitor training of units during build-up phase, determine adequacy of training for the operation, and to evaluate training accomplished at the PPG. This report will also be required as a part of the unit's Radiological Safety Inspection.
- b. Status of Radiac Equipment. This report will enable Commander Task Group 7.3 to fill ships' allowances and issue other instruments as desired and available. Report should be submitted and instruments will be issued as soon as practicable after arrival at the PPG. This report will also be required as a part of the unit's Radiological Safety Inspection.
- c. Initial Test of Water Washdown System. A letter report is desired to insure that all ships have adequate protection as evidenced by a satisfactory test. *Copy of this report is desired by Buships (Code 52)*
- d. Inability to Obtain Required or Desired RadlSafe Equipment or Materials. In the event that any unit is not able to obtain any required or desired radlsafe items, a letter report should be submitted to so advise Commander Task Group 7.3. All possible assistance to obtain such items will be rendered.
- e. Film Badge Dosimeter Accounting Reports. As directed.

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Appendix 6 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REPORTS

f. Radioactive Fallout Report. For one week following each shot each ship shall report radioactive fallout encountered as follows:

- (1) A report shall be made of fallout readings (gamma only) of 1 mr/hr or higher.
- (2) Only the value of gamma radiation shall be reported.
- (3) Reports will be coded as follows: "COW" followed by a number to indicate average topside activity, the number indicating mr/hr (gamma only); "HORSE" followed by a number to indicate maximum activity found on the ship, the number indicating mr/hr (gamma only). Thus a message "COW 2 HORSE 7" indicates the average topside activity is 2 mr/hr (gamma only), and the maximum activity found on the ship is 7 mr/hr (gamma only). Fractional numbers will be reported as the nearest whole number. Thus if the average topside activity is 3.8 mr/hr (gamma only) and the maximum activity found on the ship is 8.4 mr/hr (gamma only) the message to be sent is "COW 4 HORSE 8". These codes are for convenience only and are not classified.
- (4) New reports shall be made when the average topside activity increases to more than twice that last previously reported or decreases to less than half that last previously reported.
- (5) Reports shall be sent by ~~radio or light to Commander Task Group 7.3, to the USNS FRED C. AINSWORTH and to the USS ESTES. These reports shall be delivered to the RadSafe Center on the AINSWORTH and to the RadSafe Office on the ESTES.~~ *Change*
- (6) Reports shall be sent on Task Group 7.3 UHF Admin (Channel 2) or CW Common (Channel 4A/4B) or on Task Group 7.1 Pogo or Admin Nets, as appropriate.

g. Summary of Contamination Experienced from _____ shot. One week after each shot every ship shall send to Commander Task Group 7.3 a complete letter report on radioactive contamination experienced since the shot occurred. As applicable, each letter shall include a table with estimated average intensity topside in milliroentgens per hour and approximate position of ship in latitude and longitude at following times: Hourly on the hour from How hour to 2000M Dog day; every four hours from 2000M Dog day to 0400M Dog plus two day; daily at 0800M Dog plus two day to Dog plus seven day inclusive. Letters shall be in quintuplet and leave ships not later than Dog plus ten day.

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Appendix 6 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY REPORTS

- h. Contamination of Equipment and Exposure of Personnel. A letter report is desired of all instances of contamination or exposure which approach or exceed the MPE and MPL's established in Appendix 1 to this annex. This report should include: Time after shot when first noticed, intensity, type of radiation encountered, estimated initial time of contamination or exposure, duration of contamination, dosage received by personnel, methods of decontamination, effectiveness of decontamination, final disposition of contaminated items, and action taken regarding exposed personnel.
- i. Approximate Air Radiation Intensities. As previously directed.
- j. Request for Clearance. After the final shot and prior to departure from the PPG all units will submit a despatch report summarizing contamination and radiation field intensities remaining on ships or aircraft, and request clearance as appropriate in accordance with NavMed P-1325 and para 17.c.(5) of Appendix 1 to this annex.
- k. Final Radiological Safety Report. This information is desired for inclusion in the Commander Task Group 7.3 final report on the operation. A letter report of all pertinent data is desired to include:
- (1) Evaluation of performance and efficiency of water washdown system.
 - (2) Radiac equipment performance, adequacy of spares, etc. Reports should include operational difficulties in use of equipment and an estimate of the adequacy of personnel training methods.
 - (3) Effectiveness of decontamination materials, equipment and procedures.
 - (4) Evaluation of radiological safety training for the operation to include shore based, shipboard and the Commander Task Group 7.3 Radiological Safety Training Program at the PPG.

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24 January 1956; 1000R

Appendix 7 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY OFFICE AND CENTER

1. A JTF SEVEN radiological safety office (RadlSafe Office) and a Task Group 7.1 radiological safety center (RadlSafe Center) will be established for each shot. The RadlSafe Office, composed of the task force RadlSafe Section, the Fallout Prediction Unit (FOPU), and Fallout Plotting Center (FOPC), will operate as the task force staff agency for the operation of the off-atoll RadlSafe program, dissemination of task force radiological directives, the presentation of radiological shot briefing material and the maintenance of displays of radiological information having an impact on the overall task force mission. The RadlSafe Center will be established by Commander Task Group 7.1 and will serve as operations headquarters for the radiological safety activities of Task Group 7.1.

2. Detailed Duties

a. RadlSafe Office

- (1) The RadlSafe Office will disseminate the air and surface RADEX prior to shot time (forecast), and will originate messages from time to time after shot time announcing R (Reentry) Hour, radiological clearances of previously closed areas, radiological directives to task groups, advisories to commands external to the task force and revisions of the air and surface RADEX as required.
- (2) The RadlSafe Office (FOPU) will be responsible for the preparation of RadlSafe forecast information (fallout plots, surface and air RADEX) for each shot.
- (3) The RadlSafe Office (FOPU) will maintain displays of radiological information pertinent to the test area and having an impact outside this area to include radiation levels on atoll islands and lagoon, RADEX information, cloud trajectories and their relation to occupied atolls, air and surface routes contiguous to the danger area, ship movements in the danger area, results of water sampling and such other items of special radiological consideration as may be required by the operation or the scientific projects.

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Appendix 7 to Annex G, Radiological Safety Plan
RADIOLOGICAL SAFETY OFFICE AND CENTER

(4) Physical Locations of RadlSafe Office.

- (a) For BIKINI ATOLL shots: Command Ship.
- (b) For ENIWETOK ATOLL shots: Operations Division (J-3), JTF SEVEN Headquarters building, PARRY ISLAND.

b. RadlSafe Center

- (1) The RadlSafe Center will maintain radiological situation data on lagoon waters and islands of the shot atoll, based on air and ground survey information, supplemented by monitor reports. This information will be the basis of periodic situation reports or maps and briefing information furnished to the task force and task group commanders.
- (2) The RadlSafe Center will provide information for the planning of Task Group 7.1 radiological safety operations and for the disposition of all working parties within the contaminated area. It will establish radiological safety check points. It will maintain an operations table giving details for all groups who plan to enter contaminated areas each day, including name of monitor, destination, general type of mission (program or project number) and time of departure and return.
- (3) The RadlSafe Center will provide special clothing to previously designated recovery personnel, have cognizance over working schedules of the radiochemical laboratory, photodosimetry developing facilities, contaminated laundry, personnel decontamination facilities, radiac repair, etc., of Task Group 7.1. Personnel decontamination facilities afloat will be coordinated with existing ship facilities.

(4) Physical Locations of RadlSafe Center.

- (a) For BIKINI ATOLL shots: The RadlSafe Center will operate from the T-AP facility.
- (b) For ENIWETOK ATOLL shots: The RadlSafe Center will operate all of its facilities from the radiological safety building on PARRY ISLAND (Building 57).

3. This appendix is a reprint of Appendix 2 to Annex K to CJTF SEVEN Operation Plan No. 1-56 (DRAFT) with minor changes.

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Annex H to CTG 7.3 Operation Plan No. 1-56
SURFACE TRANSPORTATION AND BOAT POOL

1. Concept of Surface Water Transportation and Boat Pool Annex

a. Surface Water Transportation.

Surface water transportation between atolls for general cargo will normally be handled by the T-LST's, with the LSD handling the shot barges. Surface water transportation for personnel between atolls will not normally be required, since this is a primary function of the airlift; however, KNUDSON (APD-101) will be available for the purpose of inter atoll surface transportation when required, and particularly when airlift is unable to function. It should be noted that the KNUDSON will also support scientific projects and may be required to augment the security patrol. Therefore, the availability of the KNUDSON for inter atoll transportation will be restricted. Surface transportation required for evacuation and reentry is covered in Annex K. Additional surface lift may be required for support of weather or project island sites when directed.

b. Boat Pool Transportation.

Boat pools at BIKINI and ENIWETOK ATOLLS are provided by Commander Task Group 7.3 and Commander Task Group 7.5. Boat pool functions are coordinated at each atoll.

2. Surface Water Transportation Between Atolls

a. Inter Atoll Responsibilities - Task Group Level.

Commander Task Group 7.3 will:

- (1) Schedule an inter atoll surface personnel and light freight transportation system, when the requirement exists, normally when the inter atoll airlift is unable to function.
 - (2) Direct shot barge transportation between atolls as per requirements of CJTF SEVEN.
 - (3) Direct special devices material components transportation between ENIWETOK and BIKINI ATOLLS as per requirements of CJTF SEVEN.
- [REDACTED]

~~XXXXXXXXXX~~
Annex H to CTG 7.3 No. 1-56
SURFACE TRANSPORTATION AND BOAT POOL

- (4) Direct cargo transportation (surface lift) between ENIWETOK and BIKINI ATOLLS as per scheduled requirements.
- (5) Direct lift of radioactive samples from BIKINI to ENIWETOK, if they cannot be transported by aircraft.
- (6) Direct Commander Task Unit 7.3.3 to furnish escort to Commander Task Unit 7.3.7 and Commander Task Unit 7.3.8 when required.

b. Tasks assigned to Subordinate Units.

~~(1) Commander Task Unit 7.3.3 will:~~ *Commander TU 7.3.3 (surface Patrol & Transport Unit) will.*

- (a) Furnish an inter atoll surface personnel and light freight transportation system when directed.
- (b) Furnish special devices material components transportation between ENIWETOK and BIKINI ATOLLS when directed.
- (c) Furnish cargo transportation (surface lift) between ENIWETOK and BIKINI ATOLLS when directed.
- (d) Furnish lift for radioactive samples from BIKINI to ENIWETOK when directed.
- (e) Furnish escort vessels to Commander Task Unit 7.3.0, Commander Task Unit 7.3.7 or Commander Task Unit 7.3.8 when directed.
- (f) Furnish lift for radioactive samples from BIKINI to ENIWETOK when directed. *change #119*

~~(2) Commander Task Unit 7.3.7 will:~~ *Element 7.3.7.1 (LSD Element) will:*

- (a) Furnish lift for shot barge between ENIWETOK and BIKINI when directed. This lift to include additional material or equipment which can be carried simultaneously.
- (b) Furnish assistance for mooring and handling shot barge into LSD.

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SURFACE TRANSPORTATION AND BOAT POOL

- (3) Commander Task Unit 7.3.8 ~~will:~~ *(Special Devices Unit) will:*

Furnish any special lift of special devices material components transportation between ENIWETOK and BIKINI ATOLLS when directed. This special lift is for components which are normally not transported by the LSD or T-LST's.

- (4) Commander Task Unit 7.3.2 ~~will:~~ *(Utility Unit) will:*

Furnish assistance in mooring when directed.

c. Inter Atoll Facilities.

- (1) Piers are available at both ENIWETOK and BIKINI for unloading of T-LST's. The pier at PARRY ISLAND can handle the LSD. For cargo handling responsibilities see Annex C - Logistical Plan.
- (2) The lee of BIKINI (HOW) ISLAND is the only safe area at BIKINI where a shot barge can normally be successfully unloaded from the LSD without hazardous pounding and rolling during the unloading operation. Likewise, berth C-1 off PARRY ISLAND and the area immediately southwest, thereof, is the most suitable area at ENIWETOK for loading operations.

d. Chronological Pattern for Movement of a Device by LST.

- (1) Two days prior to time a device due to arrive at BIKINI, the unit providing transportation will be off PARRY ISLAND and commence loading all other material to be transported. T-LST's will normally beach.
- (2) All loading of non-RD cargo will cease about 1100 of day prior to arrival at BIKINI.
- (3) Security personnel - normally marine detachment from USS CURTISS - will report to commanding officer at this time.
- (4) Device will be loaded aboard on its special trailer - and the special towing tractor also loaded. Device, trailer, and tractor will be secured with previously manufactured cables and chains.

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SURFACE TRANSPORTATION AND BOAT POOL

- (5) LST will retract, proceed to BIKINI and arrive on morning of following day.
 - (6) During voyage device will be canvas secured to prevent visual observations and the area patrolled by security personnel.
 - (7) A security escort vessel - previously anchored near beaching area, will precede LST out of the deep entrance.
 - (8) Escort ships will screen LST until it enters BIKINI Lagoon.
 - (9) ASW patrol aircraft will report to the device transport unit commander one hour prior to scheduled departure and conduct ASW patrol until after LST enters BIKINI Lagoon.
 - (10) Device and its trailer will be moved from IST to an LCU in BIKINI Lagoon.
 - (11) Responsibility for security of the device will be transferred from the Marine Detachment to Task Group 7.2 security detail when device is moved ashore.
- e. Chronological Pattern for Movement of a Barge by LSD.
- (1) LSD will normally leave BIKINI during afternoon 2 days prior to day barge is required at BIKINI.
 - (2) Upon arrival in ENIWETOK, LSD will anchor berth C-1 off PARRY ISLAND.
 - (3) LSD will be flooded down by 0830 and discharge any LCU's containing cargo. LSD will then be pumped and special cribbing installed to support barge.
 - (4) LSD will flood and receive up to two LCU's loaded with cargo and be ready to receive barge.
 - (5) At about 1230 the device barge with Marine detachment will be moved from pier at PARRY ISLAND, or from buoy off PARRY ISLAND by a YTL and LCM's to stern of LSD where it will be warped into place over special cribbing.

Annex H to CTG 7.3 No. 1-56
SURFACE TRANSPORTATION AND BOAT POOL

- (6) Chains and cables will be inserted and attached to secure barge in LSD well.
- (7) LSD will depart from ENIWETOK via Deep Entrance about 1700.
- (8) Security ships and aircraft procedure for LSD is same as for LST procedure.
- (9) Between atolls ship steam on steady course at maximum speed under conditions of darken ship and radio silence.
- (10) Upon arrival BIKINI - LSD proceed to lee of BIKINI ISLAND - commencing flooding upon entry into lagoon. One escort anchor in vicinity of LSD.
- (11) Upon flooding - securing cables are cast loose - and barge started out by LCM.
- (12) Barge will be taken in tow by ATF or LCU and delivered to shot site where LCM's secure it in prepared mooring.
- (13) Marine detachment remain aboard barge until afternoon before detonation when firing party boards for final checks.

f. Chronological Pattern for Movement of Devices or Portions of Devices by the USS CURTISS.

- (1) No special loading or unloading procedures required.
- (2) Items normally brought to ship by LCU or LCM and hoisted aboard by crane.
- (3) Untested devices will be accompanied by security guards.
- (4) Marine detachment of USS CURTISS provides security guards.

g. Tentative Schedule of Shots at BIKINI Requiring Transportation.

<u>Date of Shot</u>	<u>Movement Dates</u>	<u>Item</u>	<u>Barge Shot</u>	<u>Location Shot</u>
15 May	13-15 ²⁻³ May	ZUNI	NO	BIKINI (Eninman)
2 Jun	2-3 May	FLATHEAD	YES	BIKINI (Yurochi)
12 Jun	7-8 ¹² Jun	HURON	YES	BIKINI (Yurochi)
18 Jun	12-14 ¹⁸ Jun	NAVAJO	YES	BIKINI (Yurochi)
1 Jul	12-13 ¹ Jun	APACHE	YES	BIKINI (Yurochi)


Annex H to CTG 7.3 No. 1-56
SURFACE TRANSPORTATION AND BOAT POOL

h. Flexible Movement Order.

- (1) Movements will be made in accordance with a Commander Task Group 7.3 Operation Order based on CJTF SEVEN Movement Directives. The Commander Task Group 7.3 Operation Order will provide all known features of a movement and provide lettered blanks for unknown information. A SECRET radio message will provide all unknown information and place the Commander Task Group 7.3 Operation Order in effect.
- (2) The flexible movement order will not be used for transportation of any devices or components, thereof, transported by the USS CURTISS.

3. Boat Pool Plan

a. Responsibilities at BIKINI ATOLL.- Task Group Level.

- (1) Commander Task Group 7.3 and Commander Task Group 7.5 will provide extensive boat pool services in support of task force.
- (2) Commander Task Group 7.5 will designate an individual as TCA who will consolidate requirements of all task groups, placing specific missions on the Task Group 7.3 and Task Group 7.5 boat pools. Commander Task Group 7.3 will designate an individual as Control and Dispatch Officer to work in close cooperation with the Task Group 7.5 TCA.
- (3) Representatives of Task Group 7.3 and Task Group 7.5 will be located on ENYU ISLAND until the task force moves afloat, at which time they will be located aboard the LSD.

b. Responsibilities at ENIWETOK ATOLL - Task Group Level.

- (1) Commander Task Group 7.5 will normally provide, operate and schedule all inter island boat services at ENIWETOK ATOLL. Commander Task Group 7.5 will designate an individual as TCA to be located on PARRY ISLAND who will consolidate requirements of all task groups and will place specific missions on the Task Group 7.5 boat pool. In the event that the Task Group 7.5 boat pool cannot accomplish all missions, Task Group 7.3 boat pool will be requested to assist as needed for inter island missions.


Annex H to CTG 7.3 No. 1-56
SURFACE TRANSPORTATION AND BOAT POOL

c. Responsibilities - Task Group Level at Both Atolls.

- (1) Commander Task Group 7.5 is responsible for the supervision and operation of all piers, beaches and equipment employed in connection with port operations at BIKINI ATOLL and within ENIWETOK ATOLL, except those on ENIWETOK and JAPTAN ISLANDS. Commander Task Group 7.5 will coordinate with Commander Task Group 7.2 on all matters pertaining to port operations and the handling of passengers and cargo.
- (2) Commander Task Group 7.3 will coordinate with Commander Task Group 7.2 and Commander Task Group 7.5 in providing small craft required for the port activities.

d. Tasks assigned to Subordinate Units in discharge of Commander Task Group 7.3 Responsibilities.

(1) At BIKINI ATOLL.

- (a) Commander Task ^{Element} ~~Unit~~ 7.3.7 (Commanding Officer, USS CATAMOUNT) is designated as the representative of Commander Task Group 7.3 to serve as the Boat Pool Control and Dispatch Officer to work in close cooperation with the Transportation Control Agent (TCA) with authority to delegate this responsibility to Commander Task Element 7.3.7.2 (Officer-in-Charge, Task Group 7.3 Boat Pool).
- (b) The Boat Pool Control and Dispatch Officer will participate in all major boat scheduling operations at BIKINI. He will consolidate the task group requirements and participate in the preparation of the overall boat schedules for the following day. He will assign priorities when demand exceeds availability.
- (c) Each unit of Task Group 7.3 at BIKINI shall submit requirements for boat pool craft at BIKINI direct to the Boat Pool Control and Dispatch Officer in LSD or YFN-994 for coordination and submission to the TCA. Requirements should be submitted prior to the day the lift is required.

Annex H to CTG 7.3 No. 1-56
SURFACE TRANSPORTATION AND BOAT POOL

(2) At ENIWETOK ATOLL.

- (a) Commander Task Group 7.3 Representative ENIWETOK will act as the Task Group 7.3 Boat Pool Control and Dispatch Officer for ENIWETOK and will consolidate requirements of the ships and units at ENIWETOK. He or a designated representative from the Task Group 7.3 Boat Pool Detachment at ENIWETOK will coordinate with the TCA (ENIWETOK) in meeting overall requirements for boat schedules. He will assign priorities when demand exceeds availability.
- (b) Ships and units of Task Group 7.3 at ENIWETOK shall submit requirements for boat pool craft direct to Commander Task Group 7.3 Representative ENIWETOK prior to the day that the lift is required.

(3) Tasks both atolls - Subordinate Units.

(a) Commander Task ^{Element} Unit 7.3.7 will:

1. Provide facilities and technical assistance for repair of boat pool craft.
2. Act as supporting unit for the boat pool.

(b) Commander Task Element 7.3.7.2 and Commander Task Element 7.3.7.3 will:

1. Train, organize and equip the boat pool to perform the diverse requirements imposed by the task force including harbor familiarization and safe pilotage.
2. Furnish craft to meet inter island surface transportation, unloading of cargo, and provisions and stores; furnish assistance in mooring and handling of barges.
3. Maintain and repair craft assigned including preventive maintenance procedures.
4. Compile monthly as of last day statistics to include separately for ENIWETOK and BIKINI:
 - a. Small craft by type, i.e., LCM, LCU, AVR, barges, etc.

Annex H to CTG 7.3 No. 1-56
SURFACE TRANSPORTATION AND BOAT POOL

- b. Total number on hand regardless of status.
- c. Total number of craft operational.
- d. Total number of craft non-operational.
- e. Craft out of operation in excess of five working days during period covered by report will be reported by hull number, time non-operational, and reason.
- f. Total passengers transported by type of craft.
- g. Total measurement tons of cargo transported by type of craft.
- h. Upon acquisition, loss, or change of status of any craft, appropriate remarks will be made in this section.

This report will be assembled on sample form attached as Appendix 1 to Annex H and classified CONFIDENTIAL. It will be submitted in triplicate to reach Commander Task Group 7.3 by the 10th day of the following month.

e. Task Group 7.3 Boat Pool Craft Available.

At BIKINI

<u>TYPE</u>	<u>NO.</u>
LCM	19
LCU	5
LCPR	2
LCPL	1
PPB	2
YCV-10	1
YC-1420	1

At ENIWETOK

LCM	3 2
LCPL	2
LCM	2 (Assigned from BIKINI)

APPENDIX:

1 - Small Craft Operation Report

M. Rothlisberger
M. ROTH LISBERGER
LCDR, U.S. Navy
Flag Secretary

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

Joint Task Force SEVEN
 Task Group 7.3
 Washington 25, D.C.
 24 January 1956; 1000R

Appendix 1 to Annex H. Surface Transportation and Boat Pool
SMALL CRAFT OPERATION REPORT

RCS: JTF-7-F7
 Month Ending: _____ 19__

SMALL CRAFT OPERATION

A	B	C	D	E	F	G
TYPE OF CRAFT	TOTAL ON HAND	TOTAL OPERATIONAL	TOTAL NON-OPERATIONAL	REASON OUT OF OPERATION	TOTAL PAX TRANSPORTED	TOTAL M/T CARGO TRANSPORTED
	7.3	7.3	7.3		7.3	7.3
LCM	2	2	0		325	1,100
LCVP	2	1	1	LCVP 1234 - 35 days- await	100	-0-
<u>HIKINI</u>				<u>SAMPLE</u>		
AVR	1	1		<u>SAMPLE</u>	-0-	-0-
H - REMARKS: LCM 3606 returned to Navy by HSN 29 Apr 55 for replacement. 10 DUMKS received 15 Apr 55 being processed.						

Classified CONFIDENTIAL when filled in.

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Annex I to CTG 7.3 Operation Plan No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

1. General Characteristics of Typhoons

- a. A typhoon is defined as a violent cyclonic storm of tropical origin with a wind force of at least sixty-four (64) knots. The area of destructive winds within a typhoon is extremely variable, ranging between an approximate circle of fifty (50) miles in diameter, to as large as a circle 900 miles in diameter.
- b. The typhoon season in the Pacific is between the months of May and January. Typhoons, however, may occur in any month of the year. The Marshall Islands are located on the eastern fringe of the "Typhoon Belt" of the Western Pacific and are frequently subjected to tropical storms, a few of which attain typhoon intensity. For example, in 1952 a typhoon passed over ENIWETOK ATOLL.
- c. The destructive force of a fully developed typhoon cannot be overestimated, and the surest invitation to disaster is to ignore its capabilities.
- d. Mooring buoys for major units are designed to hold in winds up to approximately fifty (50) knots.

2. Mission

- a. To make maximum preparations and to take all possible precautions to avoid the path of a typhoon or minimize its effects.
- b. To provide for the preservation of life and property during the actual course of the typhoon or heavy weather, and early restoration of essential services after it has passed.
- c. To provide for the security of government property in the Pacific Proving Grounds.
- d. To protect national security by safeguarding all security information and material, particularly Restricted Data and Top Secret matter, against loss, destruction and compromise.

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Annex I to CTG 7.3 No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

3. Conditions of Readiness. The following conditions of readiness are established and will be placed into effect by Commander Task Group 7.3 by message to all units of the task group upon receipt of information indicating that a typhoon or heavy weather is imminent. Warnings and advisories for typhoons and other storms will be assigned "Emergency" (0) Precedence:
- a. Typhoon Condition I. Winds of fifty (50) knots or more anticipated within twelve (12) hours.
 - b. Typhoon Condition II. Winds of fifty (50) knots or more anticipated within twenty-four (24) hours.
 - c. Typhoon Condition III. Winds of fifty (50) knots or more anticipated within forty-eight (48) hours.
 - d. Heavy Weather Condition I. Winds of thirty-five (35) knots and/or swells with crests of five (5) feet anticipated within twelve (12) hours.
 - e. Heavy Weather Condition II. Winds of thirty-five (35) knots and/or swells with crests of five (5) feet anticipated within twenty-four (24) hours.
 - f. Heavy Weather Condition III. Winds of thirty-five (35) knots and/or swells with crests of five (5) feet anticipated within forty-eight (48) hours.
4. Tasks
- a. Typhoon Condition III
 - (1) CTU 7.3.0 (CO, USS ESTES)
 - (a) Be prepared to assist in the evacuation of designated key scientific personnel and items of material in accordance with lists to be published by Commander Task Group 7.1
 - (b) Be prepared to assist in providing hospital facilities in the event shore based facilities are damaged.
 - (c) Be prepared to fuel smaller units.
 - (2) CTU 7.3.1 (Carrier Unit)
 - (a) Be prepared to fuel smaller units.

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Annex I to CTG 7.3 No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

- (b) Be prepared to assist in providing hospital facilities in the event shore based facilities are damaged.
- (3) CTU 7.3.2 (Utility Unit)
 - (a) Commanding Officers make preparations to secure barges in lee of NAN.
 - (b) Commanding Officers make preparations to assist larger units as requested.
- (4) CTU 7.3.3 (Surface Patrol and Transport Unit)
 - (a) Shift to afloat unit based ENIWETOK, if available.
 - (b) Be prepared to assume SOP Afloat duties at ENIWETOK.
- (5) CTU 7.3.4 (Patrol Plane Unit)
 - (a) Implement squadron aircraft evacuation plan in accordance with standard doctrine.
 - (b) Coordinate with Commanding Officer, U.S. Naval Station, KWAJALEIN in evacuation plans. See Para. 4 to Appendix I to Annex K for aircraft Evacuation Stations designated by CINCPAC.
- (6) CTU 7.3.5 (Naval Station Unit)
 - (a) Carry out current CINCPAC instructions.
 - (b) See Para 4 to Appendix 1 to Annex K for Aircraft Evacuation Station designated by CINCPAC.
- (7) CTE 7.3.7.1, 7.3.7.2 and 7.3.7.3 (Boat Pool Unit)
 - (a) Initiate appropriate warning to landing craft at off-atoll sites.
 - (b) Prepare to recall all boats (LCM and smaller).
 - (c) On order, elements at ENIWETOK assist in evacuation of personnel from islands north of PARRY ISLAND to PARRY and ENIWETOK ISLANDS.

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Annex I to CTG 7.3 No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

- (8) CTU 7.3.8 (Special Devices Unit)
 - (a) Be prepared to evacuate personnel and critical material from sites in accordance with instruction issued by Commander Task Group 7.1.
 - (b) Be prepared to fuel smaller units.
 - (9) CTU 7.3.9 (Accommodation Ship Unit)
 - (a) Make preparations for getting underway for ENIWETOK.
 - (10) CTG 7.3 Representative ENIWETOK
 - (a) Secure and protect all personnel, equipment, and classified material essential to conduct of operations in accordance with procedures ashore established by Commander Task Group 7.2 and Commander Task Group 7.5.
 - (b) Send Effective Muster List of Personnel to CTG 7.3 with changes.
 - (11) Commanders of all Task Units
 - (a) Make preparations for getting underway - four (4) hours notice.
 - (b) On order, be prepared to carry out provisions of Annex K, Emergency Evacuation Plan.
- b. Typhoon Condition II
- (1) CTU 7.3.2 (Utility Unit)
 - (a) Secure designated barges in lee of NAN.
 - (b) Render assistance as required.
 - (2) CTU 7.3.4 (Patrol Plane Unit)
 - (a) Complete preparations for aircraft evacuation with Commanding Officer, U.S. Naval Station, KWAJALEIN.
 - (3) CTU 7.3.5 (Naval Station Unit)
 - (a) Carry out CINCPAC Instructions.

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Annex I to CTG 7.3 No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

(4) CTU 7.3.7 (Boat Pool Unit)

(a) Recall and stow all boats (LCM and smaller).

(b) Moor YFN.

(c) Moor LCU's and evacuate boat crews, if Evacuation Plan, Annex K, has not been ordered.

(5) Commanders of all Task Units

(a) Complete preparations for getting underway - $\frac{1}{2}$ hours notice (Afloat Units only).

(b) On order, carry out provisions of Annex K, Emergency Evacuation Plan.

(c) Act in best interest of task group safety.

c. Typhoon Condition I

(1) CTU 7.3.4 (Patrol Plane Unit)

(a) Execute aircraft Evacuation Plan when directed by Commanding Officer, U.S. Naval Station, KWAJALEIN.

(2) CTU 7.3.5 (Naval Station Unit)

(a) Carry out CINCPAC Instructions.

(3) Commanders of all Task Units Afloat

(a) Sortie as directed.

5. Heavy Weather. Winds of thirty-five (35) knots and/or swells with crests of five (5) feet are considered to be a deterrent only in that small boat activity may by necessity cease. Heavy weather may cause partial suspension of activity at sites, but it is not anticipated that it will have serious overall effect on planned activity.

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Annex I to CTG 7.3 No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

If high winds of less than typhoon velocities occur with concurrent heavy sea swells, all ships and agencies operating boats take necessary precautions, and implement the following, as appropriate, in the event a Weather Condition is set:

- a. Heavy Weather Condition I.
 - (1) Evacuate stranded personnel with LCU.
 - b. Heavy Weather Condition II.
 - (1) Small boating kept to a minimum.
 - (2) Insure all passengers and crew wear life jackets while embarked in small boats.
 - (3) Prepare to cease all boat activity, and evacuate stranded personnel.
 - c. Heavy Weather Condition III.
 - (1) Check all emergency equipment, life jackets, drinking water, etc.
6. Tidal Wave Conditions
- a. In the event of a tidal or TSUNAMI type of wave, advance warning will precede the event by a very small amount of time. No damage from this type of wave is expected to occur to a ship at sea. However, damage might occur to ships moored at a pier or inside the lagoon. Upon receipt of warning of a tidal wave which might affect the operational area, all ships and craft prepare to get underway with dispatch. If it is not

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Annex I to CTG 7.3 No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

possible to get underway before the tidal wave is expected to arrive, veer chain if moored to a buoy or anchored. Sortie as directed by Commander Task Group 7.3. Shot barges containing special devices shall not be moved unless ordered by Commander Joint Task Force SEVEN.

b. CTE 7.3.0.1 (CO, USS ESTES)

Provide emergency hospital facilities in the event shore based facilities become damaged.

c. CTU 7.3.1 (Carrier Unit)

Provide emergency hospital facilities in the event shore based facilities become damaged.

d. CTU 7.3.2 (Utility Unit)

Render assistance as required.

e. CTU 7.3.3 (Surface Patrol and Transport Unit)

Be prepared to assume SOPA duties at ENIWETOK.

f. CTU 7.3.4 (Patrol Plane Unit)

Prepare to assist Commander Task Group 7.4 in the air evacuation of key scientific personnel and critical material.

g. CTU 7.3.5 (Naval Station Unit)

Prepare to assist Commander Task Group 7.4 in the air evacuation of key scientific personnel and critical material.

h. CTU 7.3.6 (Radiological Support Unit)

Provide emergency hospital facilities in the event shore based facilities become damaged.

i. CTU 7.3.7 (Boat Pool Unit)

(1) Render assistance as required.

(2) Be prepared to furnish transportation for ship rescue parties.

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Annex I to CTG 7.3 No. 1-56
TYPHOON AND HEAVY WEATHER PLAN

j. CTU 7.3.8 (Special Devices Unit)

- (1) Provide emergency hospital facilities in the event shore based facilities become damaged.
- (2) Prepare to assist in evacuation of key scientific personnel and critical material in accordance with instructions issued by Commander Task Group 7.1.


k. CTU 7.3.9 (Accommodation Ship Unit)

Provide emergency hospital facilities in the event shore based facilities become damaged.

l. Commanders all Task Units

- (1) Be prepared to dispatch rescue parties to islands of ENIWETOK and BIKINI ATOLLS when directed.
- (2) On order of CJTF SEVEN execute provisions of Emergency Evacuation Plan, Annex K.
- (3) Be prepared to assist in emergency subsisting of all shore based personnel.
- (4) Make preparations for getting underway if directed.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander


M. ROTHLSBERGER
LCDR, U.S. Navy
Flag Secretary

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

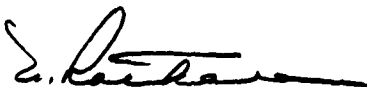
Annex J to CTG 7.3 Operation Plan No. 1-56
HELICOPTER AIRLIFT PLAN

1. Mission. Operate a ship-to-shore and inter-island helicopter lift system at BIKINI to support pre-shot operations and post-shot flights for damage survey and recovery of scientific data. Be prepared to assist Commander Task Group 7.4 in the conduct of this activity at ENIWETOK.
2. Responsibilities at BIKINI ATOLL
 - a. The 4930th Support Group (TEST), augmented by eight (8) helicopters from Task Element 7.3.1.2 on 15 February 1956, will continue to operate the BIKINI inter-island airlift system until the arrival of the BADOENG STRAIT (CVE-116).
 - b. The date Task Group 7.3 assumes responsibility for operating the BIKINI inter-island airlift system will coincide with the arrival of the BADOENG STRAIT, aboard which will be the remaining seven (7) Task Element 7.3.1.2 helicopters.
 - c. When Task Group 7.3 assumes responsibility for operating the BIKINI inter-island airlift system upon the arrival of the CVE, Task Group 7.3 shall be prepared to have the capability of operating all helicopters from aboard the CVE subsequent to the first detonation at BIKINI.
3. Scheduling and Dispatching Helicopters
 - a. Task Group 7.1 and Task Group 7.5, primary users of the BIKINI inter-island system, will coordinate in developing a system for consolidating requirements generated by these two task groups. Task Group 7.5 will designate an individual as the Transportation Control Agent (TCA) for Task Group 7.1 and Task Group 7.5. All other task groups will consolidate their requirements and will forward them to the TCA, who will place the overall requirements with Task Group 7.3. During operations afloat the Task Group 7.5 TCA will be located aboard the BADOENG STRAIT. A representative of Task Group 7.1 will assist the Task Group 7.5 TCA in screening reentry requirements while aboard the CVE.

Annex J to CTG 7.3 No. 1-56
HELICOPTER AIRLIFT PLAN

- b. When combined lift requirements of the task groups exceed the available lift capability, Commander Joint Task Force SEVEN, or his designated representative, will act and determine priority in light of the overall joint task force mission.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander


M. ROTH LISBERGER
LCDR, U.S. Navy
Flag Secretary

19686

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

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Annex K to CTG 7.3 Operation Plan No. 1-56
EVACUATION AND REENTRY PLAN

1. General. This annex provides for Emergency Evacuation of certain locations in the Pacific Proving Ground and other off-atoll locations that may be evacuated due to natural disaster, radiological contamination, or as may be otherwise required. The disposal of personnel and equipment requires that all transportation support be flexible. Typhoon and Tidal Wave Conditions are indicated in Annex I, Typhoon and Heavy Weather Plan. Appendix 2 to Annex K provides for pre-shot evacuation.
2. Mission. To provide shipboard facilities to house the joint task force afloat; to provide capability for emergency evacuation of off-atoll locations manned by JTF SEVEN personnel, and in addition, if directed, to evacuate native populations from designated atolls; to control evacuation from designated surface embarkation points to ships of the task group.
3. Detailed Procedures
 - a. See Appendix 1 to this annex for Emergency Evacuation.
 - b. See Appendix 2 to this annex for Pre-Shot Evacuation.
4. Command and Signal
 - a. In the event of a typhoon or tidal wave condition, CJTF SEVEN will immediately assume operational control of all task force communications except as follows:
 - (1) Those aboard vessels or aircraft of Commander Task Group 7.3 and Commander Task Group 7.4 when under independent control.
 - (2) Those communications facilities installed and operated from the ENIWETOK AOC for aircraft control.

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C

Annex K to GTG 7.3 No. 1-56
EVACUATION AND REENTRY PLAN

- b. All means of communications will be used to disseminate information and reports concerning emergency evacuation.
- c. Command Posts. See Appendix 1 to Annex B - Page B-1-1.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

APPENDICES:

- 1 - Emergency Evacuation Instructions
 - TABS - A Afloat Facilities
 - B JTF SEVEN Personnel to be Evacuated
 - C Information on Outlying Atolls
 - D Muster/Passenger Lists
 - E Embarkation Points and Assembly Area
 - F Muster and Evacuation Reports
- 2 - Pre-Shot Evacuation and Reentry



M. ROTHLSBERGER
LCDR, U.S. Navy
Flag Secretary

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C

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

19686

Appendix 1 to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

1. Purpose. To implement instructions contained in Annexes I and K, and to provide all Task Unit Commanders with detailed information, instructions, tasks and responsibilities in connection with emergency evacuation.
2. Assumptions. This plan is based on the assumptions that:
 - a. In the event of typhoon, tidal wave, radioactive fallout, or other natural disaster, which will seriously affect operations of JTF SEVEN, partial or full scale evacuation of the PFG and other populated islands will be ordered by CJTF SEVEN.
 - b. On the order to evacuate, all other activities will cease and all energies will be directed to emergency evacuation.
 - c. Conditions will allow operations of small craft.
 - d. All forces will return when conditions causing evacuation abate.
3. General Information
 - a. Alert Conditions.
 - (1) Typhoon and Tidal Wave Alert Conditions (See Annex I, Typhoon and Heavy Weather Plan)
 - (2) Radioactive Fallout Alert Conditions.
 - (a) Evacuation Condition D - Significant contamination expected - All personnel alerted.
 - (b) Evacuation Condition C - Significant radioactive contamination present - Preliminary preparation for evacuation.
 - (c) Evacuation Condition B - Radioactive intensity increasing - All activities directed to evacuate.
 - (d) Evacuation Condition A - Full scale evacuation ordered.
 - (3) E-hour - Denotes time that emergency evacuation will commence.

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Appendix I to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

- b. Assembly Areas - See Tab E to Appendix I to Annex K for Embarkation Points and Assembly Areas - (to be issued later)
 - c. Embarkation Points - (See Tab E to Appendix I to Annex K - Embarkation Points and Assembly Area - (to be issued later)
 - d. Group Leaders. The person designated to be in charge of a group of personnel to supervise their assembly and transmit muster reports for his group. (Applies to shore based personnel)
 - e. Muster Officer. The person appointed by Headquarters Commandant, JTF SEVEN, and each Task Group Commander to receive and consolidate muster reports from group leaders. Muster Officers will be responsible for a number of group leaders in a particular area or for group leaders of an entire task group. A muster officer will be designated by each Task Group Commander for each ship on which task group personnel are embarked. A particular Group Leader may be designated as a Muster Officer. (Applies to shore based personnel).
 - f. Beachmaster. Those persons designated by CTE 7.3.7.1 to control the loading and dispatch of small craft at designated embarkation points in BIKINI and ENIWETOK ATOLLS respectively. Assistance to Beachmasters in calling personnel from assembly areas to embarkation points will be rendered by personnel from other task groups ashore.
 - g. Evacuation Officers. The officers assigned as CJTF SEVEN and task group representatives for coordination of planning and implementation of orders to effect evacuation as directed by CJTF SEVEN.
 - h. Ship's Evacuation Officer. The person appointed by each ship's Commanding Officer to coordinate and consolidate task group and ship personnel afloat musters and to plan handling of evacuees within facilities available.
4. Evacuation Capabilities and Evacuation Stations
- a. The assignment of space aboard aircraft and ships to task groups in advance of execution of this plan is impracticable and may be misleading. When emergency evacuation is anticipated the Joint Task Force SEVEN Evacuation Officer will advise task groups of bulk space assignment aboard aircraft and ships. This will be

Appendix 1 to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

modified as locations and availability of lift become firm. When advance assignment to specific ships or aircraft is impractical, personnel will be loaded aboard as, and when, made available by Commander Task Group 7.3 and Commander Task Group 7.4 respectively.

- b. Evacuation capabilities of aircraft and ships assigned to JTF SEVEN and emergency airlift evacuation stations, as designated by CINCPAC, are listed below. Ships will proceed as directed by Commander Task Group 7.3.
- c. If local conditions preclude using aircraft evacuation stations designated below, authority will be requested by OPERATIONAL IMMEDIATE message action to COMPACAF or CINCPACFLT as appropriate with information to CINCPAC and stations concerned, prior to dispatching aircraft to evacuation station or other stations deemed advisable by CJTF SEVEN. Facilities at or available to designated evacuation stations are considered adequate in event evacuation of personnel is concerned.

(1) NO	AIRCRAFT TYPE	TOTAL EMERGENCY CAPABILITY	EVACUATION STATION	ALTERNATE STATION
1	A3D	3	Guam (NAS, Agana)	Midway
1	B-36	100	Hickam AFB, T.H.	Yokota
3	B-47	12	Guam(Anderson AFB)	Hickam AFB, T.H.
10	WB-50	450	Hickam AFB, T.H.	
3	RB-50	135	Hickam AFB, T.H.	
3	B-52	12	Guam(Anderson AFB)	Hickam, AFB, T.H.
12	B-57	24	Guam(Anderson AFB)	Johnston
1	B-66	3	Guam(Anderson AFB)	Johnston
4	C-47	200	Wake	Kwajalein
3	C-54	225	Johnston	Guam(Anderson AFB)
1	C-97	200	Hickam AFB, T.H.	Tachikawa
10	F-84	10	Guam(Anderson AFB)	Wake
1	F-101	1	Guam(Anderson AFB)	Wake
1	P2V	15	Guam(NAS, Agana)	Barbers Point
1	R5D	75	Guam(NAS, Agana)	Barbers Point
7	SA-16	112	Guam(Anderson AFB)	Johnston
	TOTAL	1,577		

5. Personnel to be evacuated

See Tab A to Appendix 1 to Annex K for Afloat Facilities.
 See Tab B to Appendix 1 to Annex K for CJTF SEVEN Personnel to be evacuated.

Appendix 1 to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

See Tab C to Appendix I to Annex K for Information on Outlying Atolls and Native Populations.

See Tab D to Appendix I to Annex K for Muster/Passenger Lists.

6. Responsibilities other Task Groups

a. Headquarters Commandant, JTF SEVEN

- (1) Prepares and distributes instructions covering the storage or method of securing all property, supplies, equipment, classified material, buildings, tents, etc. for which responsible and which will be left unattended in emergency evacuation.
- (2) Prepares lists of JTF SEVEN Headquarters key personnel to be evacuated by aircraft.
- (3) Issues instructions to cover evacuation of JTF SEVEN Headquarters personnel at BIKINI.

b. Scientific Task Group (CTG 7.1)

- (1) Coordinates the evacuation of sub-elements of Task Group 7.1 with Commander Task Group 7.2 for ENIWETOK and JAPTAN ISLANDS; and with Commander Task Group 7.5 for other islands of ENIWETOK ATOLL and BIKINI ATOLL.
- (2) Prepares lists of Task Group 7.1 key personnel to be evacuated by aircraft.
- (3) Prepare lists of extremely vital material to be evacuated by aircraft or ship if cargo space and loading time permit.
- (4) Provides CJTF SEVEN with information which will influence the course of evacuation.

c. Army Task Group (CTG 7.2)

- (1) Supervises and coordinates evacuation of all personnel from ENIWETOK and JAPTAN ISLANDS.
- (2) Prepares and distributes instructions covering the storage or method of securing all property, supplies, equipment, classified material, buildings, tents, etc., for which responsible, and which will be left unattended in emergency evacuation.

[REDACTED]

Appendix I to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

- (3) Designates assembly areas and embarkation points for ENIWETOK and JAPTAN ISLANDS in coordination with other task groups.
- (4) Issues necessary instructions to insure that all Task Group 7.2 personnel located on islands other than ENIWETOK are at designated assembly areas at appropriate time.
- (5) Arranges for the movement of all patients to embarkation points for type lift recommended by medical officers.
- (6) Furnishes CO, NAVSTA KWAJALEIN with emergency supplies and equipment to support natives that may be evacuated to KWAJALEIN because of radioactive fallout.
- (7) Furnishes emergency "C" rations and filled water cans to go aboard evacuation ships for personnel embarked from ENIWETOK ISLAND.
- (8) Coordinates with Commander Task Group 7.5 to insure that all utilities are secured except for emergency power to support unattended operation of refrigeration and other facilities for as long a period as practicable.

d. Air Task Group (CTG 7.4)

- (1) Flies serviceable aircraft, other than helicopters and liaison aircraft, to evacuation stations as directed, lifting maximum number of personnel.
- (2) Lifts passengers, medical evacuees, and vital equipment as directed by CJTF SEVEN.
- (3) Prepares and distributes instructions covering the storage, or method of securing all property, supplies, equipment, classified material, buildings, tents, etc., for which responsible, and which will be left unattended in emergency evacuation.
- (4) Designates Group Leaders, Muster Officers, Evacuation Officers and muster locations. Prepares muster lists of personnel responsible for presenting themselves to designated Group Leaders.

[REDACTED]

Appendix I to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

- (5) Issues necessary instructions to insure that all Task Group 7.4 personnel are at designated assembly areas at the appropriate time. Coordinates with Commander Task Group 7.2 and Commander Task Group 7.5.
- (6) Prepares to evacuate sub-elements of Task Group 7.4, in coordination with Commander Task Group 7.3, from islands outside of PFG.
- (7) Coordinates with Commander Task Group 7.2 on lift of emergency supplies to NAVSTA KWAJALEIN in support of personnel evacuated to KWAJALEIN.

e. AEC Base Facilities Task Group (CTG 7.5)

- (1) Supervises and coordinates the evacuation of all personnel from BIKINI ATOLL and ENIWETOK ATOLL except ENIWETOK and JAPTAN ISLANDS. Assists Commander Task Group 7.2 in the evacuation of personnel from ENIWETOK and JAPTAN ISLANDS.
- (2) Designates assembly areas and embarkation points for BIKINI and ENIWETOK ATOLLS except ENIWETOK and JAPTAN ISLANDS. Coordinates with other task groups.
- (3) Prepares to furnish emergency "C" rations and filled water cans to go aboard evacuation ships for personnel embarked from PARRY ISLAND and BIKINI ATOLL.
- (4) Insures that all utilities at ENIWETOK and BIKINI ATOLLS are properly secured and provides emergency power to support unattended operation of refrigeration and other facilities as long as practicable. Coordinates with Commander Task Group 7.2 for ENIWETOK and JAPTAN ISLANDS.
- (5) Prepares and distributes instructions covering the storage or method of securing all property, supplies, equipment, classified material, buildings, tents, etc., for which responsible, and which will be left unattended in emergency evacuation.
- (6) Designates Group Leaders, Muster Officers, Evacuation Officers, and muster locations. Prepares muster lists of personnel responsible for presenting themselves to designated Group Leaders.

[REDACTED]

Appendix 1 to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

- (7) Issues necessary instructions to insure that all Task Group 7.5 personnel are at designated assembly areas at the appropriate time. Coordinates with Commander Task Group 7.2.
- (8) Provides necessary small craft to evacuate personnel and equipment as directed.

7. Coordinated Instructions for Task Groups issued by CJTF SEVEN

- a. Commander Task Group 7.3 assumes responsibility and control at the water's edge of further movement of evacuees when personnel are lifted at embarkation points by small craft.
- b. Equipment to accompany individuals aboard ship will be limited to the following; one raincoat or poncho, one full canteen of water, and necessary personal items. Persons being evacuated by aircraft will wear long sleeved shirts and full length trousers and carry one canteen of water and necessary personal items in very small handbag.
- c. Classified material will be secured in normal locations with a view to use upon reentry. It is not considered feasible under emergency conditions to remove, lift, and load classified material aboard ship because of shortage of time and possibility of loss enroute to ships. Custodians of cryptographic material will issue necessary instructions covering securing of cryptographic material.
- d. Task Group Commanders will issue necessary instructions to Project and Weather Reporting Element Commanders or responsible individuals at island locations outside of PPG, covering procedure to place equipment, furnished by the task group, in standby or idle status in the event the island is evacuated.
- e. Other Task Groups will assist Task Group 7.3 Beachmasters.
- f. Where cargo space and time permit, material, which may require evacuation, will be loaded aboard LST's and other ships. Task groups will prepare lists of this type material. Upon call of CJTF SEVEN Evacuation Officer, material will be delivered to loading locations as may be specified.

[REDACTED]

Appendix 1 to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

- g. All task groups will be prepared to conduct an orderly reentry on order of CJTF SEVEN.
- h. All task groups will insure that all personnel are indoctrinated.
- i. All task groups will insure prompt transmission of muster data to Task Force Evacuation Officer.

8. Check List for Commander Task Group 7.3

- a. Designates ships for ENIWETOK if that area affected. Advises CJTF SEVEN, Commander Task Group 7.2, and Commander Task Group 7.5 of ship deployment and ETA ENIWETOK.
- b. Designates ships for off-atoll locations if directed by CJTF SEVEN.
- c. Coordinates musters of all task groups afloat and makes coordinated reports to CJTF SEVEN by task group and number of absentees.
- d. Directs SOPA ADMIN ENIWETOK to load ships there to capacity if evacuation ordered until arrival of other designated units required for lift capability.
- e. Routes (BADOENG STRAIT) CVE to ENIWETOK if required to lift helicopters of Task Group 7.4 because of radioactive fallout.
- f. Directs ESTES (AGC-12) to ENIWETOK to embark CJTF SEVEN Staffs afloat if possible.
- g. Utilizes Tab A to Appendix 1 to Annex K for Afloat Facilities.
- h. Utilizes Tab B to Appendix 1 to Annex K for CJTF SEVEN Personnel to be Evacuated.
- i. Utilizes Tab C to Appendix 1 to Annex K for Information on Outlying Atolls and Native Populations.

9. Task Assigned to Subordinate Units

- a. CTE 7.3.0.1 (CO, USS ESTES)
 - (1) Evacuate designated key personnel if directed and in accord-

[REDACTED]

Appendix 1 to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

ance with lists maintained by JTF SEVEN Evacuation Officer.

- (2) Prepare to proceed to ENIWETOK to embark JTF SEVEN Staffs and other evacuees.

b. CTU 7.3.1 (Carrier Unit)

- (1) Prepare to evacuate helicopter squadron when directed.
- (2) Evacuate Task Group 7.4 helicopter squadron from ENIWETOK, when and if directed.
- (3) Prepare to receive medical patients from ENIWETOK, if directed to that area.
- (4) Evacuate designated key personnel, if directed and in accordance with lists maintained by JTF SEVEN Evacuation Officer.

c. CTU 7.3.2 (Utility Unit)

- (1) Assist in evacuation of personnel from designated embarkation points to larger vessels.
- (2) Place barges in designated safe anchorages in lee of NAN or tow to sea as feasible.

d. CTU 7.3.3 (Surface Patrol and Transport Unit)

- (1) Evacuate vital material in T-LSTs in accordance with lists maintained by JTF SEVEN Evacuation Officer if cargo space and loading time permits.
- (2) Evacuate designated key personnel in accordance with lists maintained by JTF SEVEN Evacuation Officer.
- (3) Be prepared to evacuate personnel from off-atoll locations as directed, including native populations. (See Paragraph 10, Appendix 1 to Annex K).
- (4) Evacuate medical patients from ENIWETOK if requested and in accordance with plans of Commander Task Group 7.2.

[REDACTED]

Appendix I to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

e. CTU 7.3.4 (Patrol Plane Unit)

- (1) Comply with emergency evacuation procedures of Commanding Officer, U.S. Naval Station, KWAJALEIN.

f. CTU 7.3.5 (Naval Station Unit)

- (1) Follow Emergency Evacuation procedures of CINCPAC.
- (2) Be prepared to assist in evacuation of key personnel or personnel at off-atoll locations as directed.
- (3) Be prepared to provide temporary facilities for off-atoll personnel or native populations as directed.

g. CTU 7.3.6 (Radiological Support Unit)

- (1) Evacuate vital material and designated key personnel when directed, if cargo space and loading time permits.

h. CTE 7.3.7.1 (LSD Element)

- (1) Be prepared to assist in evacuation of vital material.
- (2) Be prepared to evacuate off-atoll personnel, if directed.
- (3) Stow all boats as available when tasks completed.

i. CTE 7.3.7.2 (Boat Pool Element, BIKINI)

- (1) Furnish Beachmasters at BIKINI ATOLL Embarkation Points designated in Tab E to Appendix I to Annex K.
- (2) Provide communications for Beachmasters by use of boat pool channels.
- (3) Evacuate personnel from embarkation points, commencing "E" hour to designated ships in coordination with Commander Task Group 7.5.
- (4) Establish procedures for control of small craft by Beachmasters when Evacuation is ordered. Utilize craft provided by Commander Task Group 7.5.

[REDACTED]

Appendix I to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

j. CTE 7.3.7.3 (Boat Pool Element ENIWETOK)

- (1) Furnish Beachmasters at ENIWETOK ATOLL Embarkation Points designated in Tab E to Appendix I to Annex K.
- (2) Provide communications for Beachmasters by use of boat pool channels.
- (3) Evacuate personnel from embarkation points commencing "E" hour to designated ships in coordination with Commander Task Group 7.2 at ENIWETOK ISLAND and Commander Task Group 7.5 at PARRY ISLAND.
- (4) Establish procedures for control of small craft by Beachmaster when evacuation is ordered. Utilize craft provided by Commander Task Group 7.5.

k. CTU 7.3.8 (Special Devices Unit)

- (1) Be prepared to evacuate vital material in accordance with lists maintained by JTF SEVEN Evacuation Officer if cargo space and loading time permits.
- (2) Be prepared to receive medical patients from ENIWETOK if directed to that area.

l. CTU 7.3.9 (Accommodation Ship Unit)

- (1) Be prepared to evacuate personnel from ENIWETOK.

m. CTG 7.3 Representative ENIWETOK (SOPA ADMIN ENIWETOK)

- (1) Insure personnel billeted ashore arrive to assembly areas in time.
- (2) Facilitate return of shipboard personnel to ships during alert conditions.
- (3) Maintain effective muster lists and transmit change data to Commander Task Group 7.3.
- (4) Assist Beachmaster as required.

[REDACTED]

Appendix 1 to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

- (5) Make muster reports for personnel billeted ashore.
- (6) Load ships to capacity if evacuation ordered until arrival of other designated units required for lift capability.

x. Commanders of all Task Units

- (1) Evacuate personnel to capacity indicated in paragraph 4, Appendix 1 to Annex K when directed.
- (2) Be prepared to support all evacuees while afloat.
- (3) Inform Commander Task Group 7.3 of conditions which may influence course of evacuation.
- (4) Use judgement and discretion in execution of all tasks which affect safety of the ship or personnel.

(5) (a) For Evacuation Condition Dog

- I Recall and brief all personnel except those engaged in activities supporting operations.
- II Those ships under routine upkeep commence placing plant in operation to insure ability to get underway.

(b) For Evacuation Condition Charlie

- I Prepare for evacuation tasks.
- II Those units billeted ashore secure all equipment in accordance with detailed procedures published separately.
- III Ships designated for ENIWETOK proceed when directed.

(c) For Evacuation Condition Baker

- I Direct all activity toward evacuation tasks.
- II Ships designated for ENIWETOK proceed, if not previously directed.

(d) For Evacuation Condition Able

- I Conduct evacuation.
- [REDACTED]

[REDACTED]

Appendix I to Annex K, Evacuation and Reentry Plan
EMERGENCY EVACUATION INSTRUCTIONS

- (6) For Muster Responsibilities see Tab F to Appendix I to Annex K.

10. Instructions for Emergency Evacuation of Outlying Atolls

- a. General. In event emergency evacuation is required of outlying atolls for either native populations or military or civilian personnel stationed therein, designated units should refer to Tab C for information.
- b. Communications. All messages referring to evacuation of natives will be classified CONFIDENTIAL. Action message to Commander Task Group 7.3 will be information to CJTF SEVEN, proper task unit commander, and Commanding Officer, Naval Station, KWAJALEIN.
- c. Preparedness. Based on previous operations designated units should be prepared to:
- (1) Furnish fresh clothing to natives.
 - (2) Take water samples of drinking water in native living area.
 - (3) Contact representative of High Trust Commissioner for the islands, if directed.
 - (4) Furnish radiological instrument data - all data to be analyzed by CJTF SEVEN.
 - (5) Protect equipment and supplies of natives which are to remain on islands.
 - (6) Set up communications with off-atoll project or weather islands. (See Tab C to this Appendix).

19886

Task Group 7.3
 Fleet Post Office
 San Francisco, California
 22 March 1956; 1000W

Tab A to Appendix 1, Emergency Evacuation Instructions
AFLOAT FACILITIES

1. Afloat Facilities for Pre-Shot Evacuation (NORMAL)

<u>SHIP</u>	<u>OFFICER SPACES</u>	<u>ENLISTED SPACES</u>
AINSWORTH (T-AP-181)	326	684
CURTISS (AV-4)	120	450
^a BADOENG STRAIT (CVE-116)	38	164
^b BESTES (AGC-12)	88	286
^c CATAMOUNT (LSD-17)	17	0
KNUDSON (APD-101)	15	74
TOTAL	604	1658

- a. Assumes 26 officers and 128 men from HMR-363 aboard.
 b. Assume CTG 7.3 Staff and Flag Allowance of 23 officers and 60 men aboard.
 c. Assumes CTG 7.3 Boat Pool of 3 officers and 200 men aboard.
2. Estimated Emergency Evacuation Capabilities of Task Group 7.3 are as follows:

a. AINSWORTH (T-AP-181) - THREE SHIFTS

Cabin	987	
Troop	2052	
Crew spares	39	
Cot space	1197	- Below decks - no cots aboard.
TOTAL	4266	

b. T-LST-306 - THREE SHIFTS

Troop Officer	72
Troop	354
Crew spares	42
Cot space (tank deck)	924
TOTAL	1392

c. T-LST-618 - THREE SHIFTS

Troop Officer	72
Troop	354
Crew spares	42
Cot space (tank deck)	924
TOTAL	1392

[REDACTED]

Tab A to Appendix 1, Emergency Evacuation Instructions
AFLOAT FACILITIES

d. LST-611 - THREE SHIFTS

Officers	18
CPO's	9
Enlisted	180
Cot space (tank deck)	<u>924</u>
TOTAL	<u>1131</u>

e. FOUR ATF's - TWO SHIFTS

Officers	8
CPO's	4
Enlisted	<u>15</u>
TOTAL (each ship)	<u>27</u>

f. YAG-39 and YAG-40 - TWO SHIFTS

Officers	32
Enlisted	<u>204</u>
TOTAL (each ship)	<u>236</u>

g. BADOENG STRAIT (CVE-116) - THREE SHIFTS

Officers	114
Enlisted	492
Cot space	<u>405</u>
TOTAL	<u>1011</u>

h. ESTES (AGC-12) - TWO SHIFTS

Officers	174
Enlisted	<u>792</u>
TOTAL	<u>966</u>

i. DD's - TWO SHIFTS

Officers	30
Enlisted	<u>120</u>
TOTAL (each ship)	<u>150</u>

[REDACTED]

Tab A to Appendix 1, Emergency Evacuation Instructions
AFLOAT FACILITIES

j. DE's - TWO SHIFTS

Officers	30
Enlisted	<u>95</u>
TOTAL (each ship)	<u>125</u>

k. CURTISS (AV-4) - TWO SHIFTS

Officers	240
Enlisted	<u>900</u>
TOTAL	<u>1140</u>

l. KNUDSON (APD-101) - TWO SHIFTS

Officers	30
Enlisted	<u>148</u>
TOTAL	<u>178</u>

3. RECAPITULATION - EMERGENCY EVACUATION CAPABILITIES

AINSWORTH (T-AP-181)	4266
ESTES (AGC-12)	966
BADOENG STRAIT (CVE-116)	1011
CURTISS (AV-4)	<u>1140</u>
CATAMOUNT (LSD-17)	201
MC GINTY (DE-365)	125
SILVERSTEIN (DE-534)	125
SHELTON (DD-790)	150
KYES (DD-787)	150
T-LST-306	1392
T-LST-618	1392
LST-611	1131
KNUDSON (APD-101)	178
YAG-39	236
YAG-40	236
SIOUX (ATF-75)	26
CHICKASAW (ATF-83)	26
LIPAN (ATF-85)	26
ABNAKI (ATF-96)	26
GRAND TOTAL	<u>12,803</u>

19686

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

Tab B to Appendix 1, Emergency Evacuation Instructions
JTF SEVEN PERSONNEL TO BE EVACUATED

1. In case of a full scale emergency evacuation, it is estimated that on 1 May 1956, JTF SEVEN personnel to be evacuated will be located as follows:

<u>Location</u>	<u>TG 7.1</u>	<u>TG 7.2</u>	<u>TG 7.3</u>	<u>TG 7.4</u>	<u>TG 7.5</u>	<u>Hq JTF-7</u>	<u>TOTAL</u>
ENIWETOK ATOLL							
Eniwetok Is	393	1,026	28	1,996	100		3,543
Parry Is	941	132	193	68	1,250	301	2,885
Runit Is (Yvonne)	110	21			100		231
Rojoa Is (Ursula)	84				60		144
Teiteiripucchi (Gene)	30	30			60		120
Japtan Is (David)	6	10		9			25
Aomon Is (Sally)		21					21
						TOTAL	<u>6,969</u>
BIKINI ATOLL							
Enyu Is (Nan)	393	54	15	20	550		1,032
Romurikku Is (Fox)	109	17			40		166
Eninman Is (Tare)	78	32			60		170
						TOTAL	<u>1,368</u>
ISLANDS OUTSIDE THE PPG							
Wotho	5	4			2	2	13
Rongerik	8			24			32
Ujelang	2	4			1	2	9
Utirik		4			1	2	7
Kapingamarangi				21			21
Kusaie	3			21			24
						TOTAL	<u>106</u>

Change #2

K-1-B-1

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

Tab C to Appendix 1, Emergency Evacuation Instructions
INFORMATION ON OUTLYING ATOLLS

1. General

The various islands within a 500 mile radius of ENIWETOK and BIKINI are listed in this tab. Descriptive information on project and weather islands is included.

2. Information Project Atolls and Weather Islands

a. KUSAIE ISLAND, KUSAIE ATOLL.

- (1) Project Description - Project 6.3 - Effects of Atomic Explosion on Ionosphere. Equipment includes 30 x 30 trailer.
- (2) Population - Project personnel - 3, Native population - 2700 includes LELE ISLAND.
- (3) Navigation and Piloting. H.O. Chart No. 5420. Station constructed with 5 antenna poles in shape of cross with center pole 90' high and others 8' high. LST operations have proved satisfactory.
- (4) Communications - See LELE ISLAND.

b. LELE ISLAND, KUSAIE ATOLL.

- (1) Project Description - Weather Island - Connected by causeway to KUSAIE.
- (2) Population - Weather Station personnel - 21, Native population - 2700 includes KUSAIE.
- (3) Navigation and Piloting. H.O. Chart No. 5420. LST operations satisfactory. Ramp type wall with mooring rings SW side of LELE ISLAND.
- (4) Communications. Radio Net J-439 as per JTF SEVEN GOI 20-1.

c. SIFO ISLAND, AILINGINAE ATOLL.

K-1-C-1

Change #2

[REDACTED]

Tab C to Appendix 1, Emergency Evacuation Instructions
INFORMATION ON OUTLYING ATOLLS

- (1) Project Description - Project 1.9 - Wave Recording Studies.
- (2) Population - None.
- (3) Navigation and Piloting - H.O. Chart No. 6026.
- (4) Communications - None.

d. WOTHO ISLAND, WOTHO ATOLL.

- (1) Project Description - Project 5.6 - Raydist Station (Transmit and Receive); and Project 31.1 - Micro-Barography Studies.
- (2) Population - Project personnel - 5, Native population - 54.
- (3) Navigation and Piloting. H.O. Chart No. 5429. Station consists of 8 towers 60' high on extreme western tip of island. Entrance to lagoon satisfactory. Due to wide reef and shelving on lagoon side LST's must anchor 100-200 yards offshore. LCM can beach at high tide.
- (4) Communications. Radio Net J-225 as per JTF SEVEN COI 20-1.

e. UTIRIK ISLAND, UTIRIK ATOLL.

- (1) Project Description - RADLSAFE Monitoring; distillation unit and power generator.
- (2) Population - Project personnel - 2, Native population - 190.
- (3) Navigation and Piloting. Access to lagoon questionable due to two coral heads middle of passage with minimum clearance low tide of 2-2½ fathoms. Reef wide and shallow but permits use LCM at high or mid-tide. H.O. Chart No. 6023.
- (4) Communications. Radio Net J-225 as per JTF SEVEN COI 20-1.

K-1-C-2

[REDACTED]

Change #2

**Tab C to Appendix 1, Emergency Evacuation Instructions
INFORMATION ON OUTLYING ATOLLS**

f. ENIWETAK ISLAND, RONGERIK ATOLL.

- (1) Project Description - Project 6.3 - Effects of Atomic Explosion on Ionosphere similar to KUSAIE; and Project 5.6 - Raydist Station (Reference); Project 2.65 - Cessation Monitor and Distant Fallout Collector; and Project 31.1 - Micro Barograph Study - Weather Island.
- (2) Population - Project personnel - 31, Native population - None.
- (3) Navigation and piloting. Access for LST type, but due to rough seas limit LCM approach. Reef limits LCM approach except high tide. H.O. Chart No. 6026.
- (4) Communications - Radio Net J-439 as per JTF SEVEN COI 20-1.

g. UJELANG ISLAND, UJELANG ATOLL.

- (1) Project Description - Project 31.1 - Raydist Station; distillation unit and generator.
- (2) Population - Project personnel - 2, Native population - 200.
- (3) Navigation and Piloting. Access to lagoon adequate for LST. LCM landing limited to high tide. H.O. Chart No. 6035.
- (4) Communications - Radio Net J-225 as per JTF SEVEN COI 20-1.

h. BETIO ISLAND, TARAWA.

- (1) Project Description - Weather Island - Similar to LELE ISLAND, KUSAIE.
- (2) Population - Project personnel 22; Native - Outside 500 miles.

K-1-C-3

Change #2

SECRET

Tab C to Appendix 1, Emergency Evacuation Instructions
INFORMATION ON OUTLYING ATOLLS

- (3) Navigation and Piloting. H.O. Field Chart No. 34 - Pilot Chart No. 1401. Reef flat on lagoon side extends 400 yards from shore line of BETIO ISLAND. LST can not beach due to jagged edge of reef. At high tide LCU can beach with 5 feet of water covering reef. Ships size of AKL can anchor near eastern pier.
- (4) Communications - Radio Net J-439 as per JTF SEVEN COI 20-1.

1. KAPINGAMARANGI ATOLL.

- (1) Project Description - Weather Station - ATAKACHI ISLAND similar to KUSAIE.
- (2) Population - Project personnel - 22, Native population - 484.
- (3) Navigation and Piloting. H.O. Chart No. 6042. Pilot Chart of North Pacific No. 1401. LST can not enter lagoon. LCU can transit southeastern passage of FUMATAHACI ISLAND in slack water, since swift current. No navigation aids, tangent bearings necessary. No anchorage exists outside of lagoon.
- (4) Communications - Radio Net J-439 as per CJTF SEVEN COI 20-1.

3. Information - Atolls previously visited.

a. AILUK ATOLL (No Project)

- (1) Population - 432.
- (2) Navigation and Piloting. Errappu Channel clearly definable and safe particularly with sun astern. Passage from channel to AILUK ISLAND tortuous and studded with coral heads. Beacon marking coral head to northwestward of AILUK reported missing. Stone pier on NW shore AILUK easily accessible for small boats. Good anchorage 1500 yards NW AILUK in 25 fathoms.

b. MEJIT ISLAND (No project)

- (1) Population - 354 as of March 1954.

K-1-C-4

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[REDACTED]

Tab C to Appendix 1, Emergency Evacuation Instructions
INFORMATION ON OUTLYING ATOLLS

- (2) Navigation and Piloting. No navigational aids and no anchorages due to sheer reef. Good beaches for small boats on west shore at high tide; at low tide personnel must wade from reef.

c. LIKIEP ATOLL (No Project)

- (1) Population - 724.

- (2) Navigation and Piloting. South Pass easy access to lagoon for mean draft 13'6". Good anchorage swept area. Coral heads easily spotted with sun overhead or astern. Three beacons marking coral heads to northwestward reported missing. Small boats can easily make beach lagoon side of LIKIEP ISLAND.

d. JEMO ISLAND - 21 miles NE LIKIEP ATOLL (No Project)

- (1) Population - None.

- (2) Navigation and Piloting. Reef surrounding island extends three miles in direction 055°T. Small boat landings only on western side of island; difficult approach due to reef even at high tide.

1

K-1-C-5

[REDACTED]

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

Tab C to Appendix 1, Emergency Evacuation Instructions
INFORMATION ON OUTLYING ATOLLS

4. Native Populations

<u>Island or Atoll</u>	<u>Total Population</u>	<u>As of</u>
MARSHALL ISLANDS DISTRICT		
AILINGLAPLAP	1,223	Sept. 1954
AILUK	432	July 1954
AILINGINAE	0	
ARNO	1,219	Feb. 1954
AUR	472	July 1954
EBON	805	Oct. 1954
JALUIT	1,183	Mar. 1954
KILI	259	(Unknown)
KWAJALEIN	1,449	Oct. 1955
LAE	118	June 1954
LIB	65	July 1954
LIKIEP	724	Mar. 1954
MALOELAP	480	May 1954
MAJURO (LAURA)	1,342	(Unknown)
MAJURO (RITA, ULIGA, SALOME)	1,711	Sept. 1955
MEJIT	354	July 1954
MILI	381	Sept. 1955
NAMORIK	498	June 1954
NAMU	420	(Unknown)
RONGELAP	163	Sept. 1955
RONGERIK	0	
UJAE	160	July 1954
UJELANG	200	Mar. 1955
UTIRIK	180	Aug. 1954
WOTHO	54	Mar. 1954
WOTJE	343	Feb. 1954
TOTAL	14,235	
PONAPE DISTRICT		
PONAPE	8,155	June 1955
ANT	100	June 1954
PAKIN	40	June 1954
OROLUK	20	June 1954
KUSAIE	2,700	(Unknown)
MOKIL	413	Dec. 1954
PINGELAP	698	Dec. 1954
NGATIK	361	Dec. 1954
NUKUORO	223	Dec. 1954
TOTAL	12,710	

Change #2

K-1-C-6

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

Tab D to Appendix 1, Emergency Evacuation Instructions
MUSTER/PASSENGER LISTS

1. General. During Emergency Evacuation an accurate muster reporting system is required on ship and ashore. For personnel billeted ashore muster lists bearing a permanent serial number will be issued; the effective date of the muster lists and names shown on these muster lists will necessarily change.
2. Muster List Assignments Ashore for Task Group 7.3
 - a. Muster lists are assigned as follows:
 - (1) Muster List No. 1 - CTG 7.3 Representative ENIWETOK
 - (2) Muster List No. 2 - OIC TG 7.3 Boat Pool ENIWETOK Detachment
 - b. All personnel billeted ashore, at BIKINI, are considered on muster lists of ships and will be so included in the ship's musters. Personnel sent TAD to ENIWETOK will be added to Muster List No. 1 by CTG 7.3 Representative ENIWETOK. YAG and LST-611 crews ashore will be included in ships' musters.
3. Muster Lists prepared by other task groups will follow procedure outlined below:
 - a. Classification. Muster list will be unclassified.
 - b. Spacing. All name line items will be double spaced.
 - c. Heading. Task Group designation and identification serial number of the muster list will appear as the title. Date of preparation will appear in the heading. As muster lists are revised, the date of preparation will change. The number assigned to the muster list will not change.
 - d. Numbering. All pages will be numbered. Names appearing on the list will be in alphabetical order and each name numbered consecutively.
 - e. Content. Name, rank, serial number, service, and unit by officer and enlisted class as applicable to both military and civilian personnel. The Group Leader will be identified.

hange #2

K-1-D-1

Tab D to Appendix 1, Emergency Evacuation Instructions
MUSTER/PASSENGER LISTS

- f. Method of Reproduction. As practicable.
 - g. Size of Paper. 8 x 11 inches or as available.
 - h. Number of Copies. Ship's Evacuation Officer will require three copies of each individual muster list; additional distribution, as required.
4. Passenger list preparation aboard ship will follow procedures outlined below:
- a. OPNAV INSTRUCTION 4600.2 applies if afloat evacuees are to be debarked at locations other than ENIWETOK and BIKINI ATOLLS or KWAJALEIN.
 - b. When the ship's passenger list will be used only within JTF SEVEN, individual muster lists will be bound together to make a passenger list or, as time permits, the following will apply to preparation of passenger list aboard ship:
 - (1) Classification. Passenger list will be unclassified.
 - (2) Spacing. All name line items will be double spaced.
 - (3) Heading. Ship name will be identified, date of preparation, and title: Emergency Evacuation Passenger List # _____.
 - (4) Numbering. All pages will be numbered. Names appearing on the list will be in alphabetical order.
 - (5) Content. Name, rank, serial number, service, and unit by officer and enlisted class as applicable to both military and civilian personnel.
 - (6) Method of Reproduction. As practicable.
 - (7) Size of Paper. 8 x 11 inches or as available.
 - (8) Recapitulation Sheet. A recapitulation sheet will be prepared and attached to completed passenger list or consolidated muster list to show total passengers by class and task group for each ship.

Tab D to Appendix 1, Emergency Evacuation Instructions
MUSTER/PASSENGER LISTS

- (9) **Number of Copies.** When a complete passenger list is prepared, five copies will be furnished, when practicable, to CJTF SEVEN and each task group having personnel aboard. If, due to emergency conditions, consolidated muster lists are used as ship's passenger lists, distribution will be limited to copies available. In this case, the recapitulation sheet used for the consolidated muster list will be given the distribution of a completed passenger list.

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Joint Task Force SEVEN
Task Group 7.3
Fleet Post Office
San Francisco, California
24 April 1956; 1300M

Tab E to Appendix 1, Emergency Evacuation Instructions
EMBARKATION POINTS AND ASSEMBLY AREA

1. Emergency Evacuation Embarkation Points and Beachmasters are designated below. During Pre-Shot Evacuation Task Group 7.3 Beachmasters will be at designated locations, astericked, to assist as necessary.

a. ENIWETOK ATOLL

<u>ISLAND</u>	<u>PIER</u>	<u>BEACHMASTER</u>	<u>TELEPHONE</u>
(1) ELMER	Deep Water	CDR L.H. LITCHFIELD	244
	Old Cargo	LT G.R. DUNLAP	151
	Marine Ramp	LTJG F.J. BLAISE	21
	Personnel Pier	B.B. GLEASON, SK1	337
(2) FRED	Main Cargo	SALAZOR, BML	4180
	Personnel	HORN, EMC	3186
(3) DAVID	Rec. Pier *	Recreation Officer	338
(4) YVONNE	YVONNE Pier	Assigned by CTG 7.5	21
(5) GENE	GENE Pier	Assigned by CTG 7.5	21
(6) URSULA	URSULA Pier	Assigned by CTG 7.5	21

b. BIKINI ATOLL

<u>ISLAND</u>	<u>PIER</u>	<u>BEACHMASTER</u>	<u>TELEPHONE</u>
(1) NAN	NAN Mole *	LT B. R. WATKINS	- -
(2) TARE	TARE Ramp	Assigned by CTG 7.5	- -
(3) FOX	GEORGE Ramp	Assigned by CTG 7.5	- -

2. Commander Task Group 7.3 Assembly Areas and Embarkation Points for personnel billeted ashore at ENIWETOK ATOLL are as follows:

<u>ISLAND</u>	<u>ASSEMBLY AREAS</u>	<u>EMBARKATION POINTS</u>
ENIWETOK	7.3 Boat Pool Office	Personnel Pier
JAPTAN	JAPTAN Pier	JAPTAN Pier
ELMER	TG 7.3 Office	New Cargo Pier

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Tab E to Appendix 1, Emergency Evacuation Instructions
EMBARKATION POINTS AND ASSEMBLY AREA

3. Communications

Commander Task Group 7.3 Representative ENIWETOK receives messages designating ships for ENIWETOK over circuit 4B and arranges with ships for berthing and anchorage assignments over 4B or 2A. Beachmasters will be reached by telephone or Boat Pool Net, 19A. At Bikini, Communications will be maintained with Beachmaster over Boat Pool Net (Channels 19A and 19B).

Change #3

K-1-E-2

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Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

Tab F to Appendix 1, Emergency Evacuation Instructions
MUSTER AND EVACUATION REPORTS

1. Musters will be held as indicated below:
 - a. Upon being notified of any alert condition to determine location of personnel.
 - b. For task groups ashore in moving from assembly points to Embarkation Areas.
 - c. By commanding officers afloat as soon as evacuees are aboard.
2. The Muster Reporting System for task groups embarked is as follows:
 - a. A single muster officer is appointed for each ship by each task group to collect reports from his task group aboard. This Task Group Muster Officer reports to the Ship's Evacuation Officer for all personnel of his task group aboard.
 - b. Commanding officers of each ship report personnel aboard by task group and number to CTG 7.3. In addition, Task Group Muster Officers aboard will report their musters to their individual Task Group Evacuation Officer by use of ship's communication facilities.
 - c. CTG 7.3 coordinates afloat evacuation reports and advises CJTF SEVEN when personnel evacuated are aboard.

[REDACTED]

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

Appendix 2 to Annex K, Evacuation and Reentry Plan
PRE-SHOT EVACUATION AND REENTRY

1. General. This appendix provides for normal evacuation and reentry of BIKINI and ENIWETOK.
2. Mission. To provide shipboard facilities to house the joint task force while afloat at BIKINI during pre-shot evacuation.
3. Responsibilities of other task groups
 - a. Commander Task Group 7.1:
 - (1) Is responsible for the removal of all Task Group 7.1 personnel and necessary equipment from the destruction area.
 - (2) Recommends reentry schedule to CJTF SEVEN.
 - (3) Furnishes lists of personnel to be evacuated.
 - (4) Provides technical assistance during loading, inter-atoll movement and positioning of experimental devices and weapons.
 - b. Commander Task Group 7.2:
 - (1) Furnish lists of personnel to be evacuated.
 - c. Commander Task Group 7.4:
 - (1) Provides personnel for the Joint Task Force Weather Central aboard the command ship during shot periods at BIKINI.
 - (2) Furnishes lists of personnel to be evacuated.
 - d. Commander Task Group 7.5:
 - (1) Augments the shipboard housekeeping personnel of Commander Task Group 7.3 as necessary to support Task Group 7.1 and Task Group 7.5 elements afloat.
 - (2) Furnishes lists of personnel to be evacuated.

[REDACTED]

Appendix 2 to Annex F, Evacuation and Reentry Plan
PRE-SHOT EVACUATION AND REENTRY

4. Task Assigned to Subordinate Units

- a. Commanders of each task unit will carry out assignments as per Schedule of Events issued for each shot.
- b. Commanding officers of each vessel will have prepared detailed berthing lists to accommodate task force personnel assigned for pre-shot evacuation.
- c. Commanding officers of each vessel will designate one senior officer as Ship's Evacuation Officer who will coordinate musters of task force personnel evacuated, and who will also furnish information for planning the assignment of personnel with the facilities available.
- d. Commanding officers of smaller units will take advantage of each available opportunity to top off prior to pre-shot evacuation, so that capacity is not below 80%, on D minus 1.

5. Assumptions

- a. Except for a firing party on ENYU ISLAND all personnel will be evacuated for all shots in the atoll of BIKINI.
 - b. For shots at ENIWETOK ATOLL personnel will normally be evacuated to PARRY and ENIWETOK ISLANDS. However, for low yield shots, depending upon weather and other conditions, normal work may continue on specified up-atoll islands at ENIWETOK ATOLL.
 - c. Trailers, vehicles and specified equipment will be evacuated to islands out of the danger area of each shot.
6. Location of Joint Task Force and Task Group Headquarters CJTF SEVEN, task group commanders, and key staff personnel will be located as follows:

	<u>DURING BIKINI SHOTS</u>	<u>AT OTHER TIMES</u>
CJTF SEVEN	AGC	PARRY ISLAND
CTG 7.1	AV	PARRY ISLAND
CTG 7.2	ENIWETOK ISLAND	ENIWETOK ISLAND
CTG 7.3	AGC	AGC
CTG 7.4	AGC	ENIWETOK ISLAND
CTG 7.5	TAP	PARRY ISLAND

[REDACTED]

Appendix 2 to Annex F, Evacuation and Reentry Plan
PRE-SHOT EVACUATION AND REENTRY

7. Afloat Facilities of Vessels for Pre-Shot Evacuation

See Tab A to Appendix 1 to Annex K, Afloat Facilities.

8. Outline Plan of Pre-Shot Evacuation and Reentry BIKINI ATOLL

- a. A maximum of 1500 personnel will have to be evacuated from BIKINI ATOLL during pre-shot evacuation. This number is close to the normal capacity of the larger vessels which will lift by far the majority of personnel.
- b. All ships will be anchored off ENYU ISLAND at about 1300 on D minus 1 day to transfer passengers to properly assigned ships. It is expected that the majority of personnel will have embarked by noon at regularly assigned anchorages.
- c. Passenger assignments by name and task group and vessel to which assigned will have been assembled prior each pre-shot evacuation and will be furnished to each commanding officer.
- d. A Schedule of Events will be issued by Commander Task Group 7.3 for each pre-shot evacuation which lists in detail locations of personnel, time to be evacuated and by what means.
- e. Each task group having personnel aboard a vessel will furnish a senior mustering officer to report to the ship's Senior Evacuation Officer, when his personnel are aboard. The commanding officer of each vessel will coordinate the task group's musters on his vessel and send consolidated report to Commander Task Group 7.3 who in turn will report to CJTF SEVEN. Lower echelon evacuation officers will also be required for coordination with task group mustering echelons.
- f. Muster reports will be made on Task Group 7.3 Administrative Net (Voice).
- g. The majority of scientific and technical personnel and Holmes and Narver personnel will be evacuated in the AINSWORTH and CURTISS.
- h. All Task Group 7.3 LCU's and one LCM will be moored in deep water west of ENYU; Task Group 7.5 boats will be moored also.

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Appendix 2 to Annex K, Evacuation and Reentry Plan
PRE-SHOT EVACUATION AND REENTRY

- i. Evacuation will be accomplished both by helicopter and small craft..
 - j. The CATAMOUNT will commence loading LCM's at about noon on D minus 1 day but will not complete loading until all missions are complete.
 - k. The YCV will be moored near the shot barge for the firing party to be transferred by helicopter or in location required by Commander Task Group 7.1. It will be towed to deep water by ATF before device is armed.
 - l. All ships except possibly the CATAMOUNT will be out of lagoon prior to arming the device.
 - m. If firing party is returned to ENYU by LCM - the LCM will be moored and boat crews returned to ENYU by DUKW. Boat crews will be returned to ESTES by helicopter, or if after dark by ship's boat.
 - n. Ships will operate in assigned areas at night roughly five (5) miles square except for project ships.
 - o. About H plus 2½ preliminary radiological survey is made. Dependent upon results of radiological surveys, cloud trailing and fallout missions, the time of reentry will be specified.
 - p. Normal order of reentry will be ESTES, BADOENG STRAIT and CATAMOUNT for recovery missions by LCM and helicopter.
 - q. Next order of reentry will be CURTISS and AINSWORTH followed by other vessels.
 - r. Boat decontamination of lagoon boats commences immediately by working parties from larger ships; boats will be furnished by boat pool to pick up working parties.
 - s. Film, samples and shot data will normally be ready for transport to ENIWETOK by sunset of shot day.
9. Pre-Shot Evacuation and Reentry ENIWETOK

The normal evacuation for ENIWETOK does not contemplate evacuation of personnel to facilities afloat.

Ships berthed at ENIWETOK during a shot schedule will sortie on D minus 1 day and operate in a safe area assigned. Reentry will normally commence about H plus 1 and time of reentry will be specified.

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Annex L to CTG 7.3 Operation Plan 1-56
WEATHER PLAN

1. Tasks

- a. Commander Task Unit 7.3.0 shall:
- (1) Make and transmit to the Task Force Weather Central normal hourly surface observations.
 - (2) If directed, furnish appropriate aerological personnel to the Task Force Weather Central.
 - (3) Make available to the Task Force Weather Officer the ESTES Aerological Office and facilities when CJTF SEVEN is embarked in ESTES.
 - (4) Make special weather observations as directed.
- b. Commander Task Unit 7.3.8 shall:
- (1) Make and transmit to the Task Force Weather Central normal hourly surface observations, and twice daily upper air soundings (rawinsondes).
 - (2) Make special weather observations as directed.
- c. Commander Task Unit 7.3.1 shall:
- (1) Have the capability of performing the tasks assigned to Commander Task Unit 7.3.8 if so directed.
- d. Commander Task Unit 7.3.4 shall:
- (1) Direct patrol aircraft to make and transmit special coded weather observations every hour during their patrols in accordance with instructions contained in Tab C to Appendix 2 to Annex N.
 - (2) Make special weather observations as directed.


Annex I to CTG 7.3 No. 1-56
WEATHER PLAN


e. Commander Task Unit 7.3.3 shall:

- (1) Cause detached units to make special weather reports as directed.
- (2) Make and transmit to the Task Force Weather Central as directed, special winds aloft observations employing the shipboard launched LOKI type rocket-sonde system.
- (3) Make special weather observations as directed.

2. General Instructions and Information

- a. All units with appropriate aerological facilities aboard shall comply with the existing weather directives in the Pacific Ocean area when operating outside a fifty (50) mile radius of the JTF SEVEN flagship.
- b. The ESTES Aerological Office shall be under the technical supervision of the Weather Central Commander.
- c. CJTF SEVEN Weather Central is located on PARRY ISLAND.
- d. Instructions concerning typhoon readiness conditions are contained in Annex I (Typhoon Heavy Weather Plan).

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander


M. ROTHLISBERGER
LCDR, U.S. Navy
Flag Secretary

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Annex M to CTG 7.3 Operation Plan No. 1-56
SCIENTIFIC SUPPORT

1. General

- a. A primary mission of Task Group 7.3 is to render military support to the approved scientific programs and projects. The support itemized below has been approved by Commander Joint Task Force SEVEN and implemented by Commander Task Group 7.3 by separate correspondence. In addition to the below support, general support such as helicopters, boat and material transportation, shipboard billeting, use of communication facilities afloat, evacuation of scientific personnel, radlsafe, etc., are detailed in other annexes.

2. Support Missions

- a. USS SILVERSTEIN (DE-534) and USS MC GINTY (DE-365).

(1) Mission. Support Project 2.62; Project Officer - Mr ~~John~~ ^{F. D. Jennings}, Scripps Institution of Oceanography, La Jolla, Calif.

(2) Participation. The two ships will be employed on radlsafe survey beginning about D minus 1 day through about D plus 4 days for CHEROKEE, SEMINOLE and one barge shot. Scripps will provide two civilian scientists for each ship to direct the survey work. The ships will enter the fallout area as soon as radiological conditions permit to obtain surface water samples and surface and sub-surface gamma radiation readings. Drogue floats, each equipped with a low powered, medium frequency homing transmitter, will be used to mark areas of particular interest. Radiation navigation equipment installed on the mast will be used to delineate contaminated areas for avoidance, if dangerous, or for survey. The movements of the two ships will be controlled from Program II Plot in the USS ESTES, as authorized by Commander Task Group 7.3. Project personnel will require ship's company assistance.

- b. LCM-37.

(1) Mission. Support Project 1.9; Project Officer - Mr. ~~John~~ ^{L. W. Kidd and} ~~John~~, Scripps Institution of Oceanography, La Jolla, Calif.
Mr. W. C. VAN NORD

Annex M to CTG 7.3 No. 1-56
SCIENTIFIC SUPPORT

- (2) Participation. LCM-37 has been configured with deck, davit, anchor winch and equipped with a portable fathometer, to be used in BIKINI lagoon for survey work by Project 1.9 in documenting the effects (wave and physical changes) to the atoll resulting from CHEROKEE, APACHE, ZUNI, NAVAJO and possibly FLATHEAD. Scripps will furnish 3-4 project personnel.
- c. USS CATAMOUNT (LSD-17).
- (1) Mission. Support Project 1.4; Project Officer - LTCOL James E. FAVA, USAF, Geophysics Research Directorate, Boston, Mass.
- (2) Participation. Three (3) 28 foot van telemetering receiving trailers and three (3) 12 foot power generator trailers will be loaded on the LSD superdeck at the PPG sometime prior to 1 May 1956. The van trailers will each have four (4) 20 foot antennas mounted on top. Six (6) civilians and one (1) airman will accompany the trailers. The project will participate in CHEROKEE. Just prior to detonation 12 to 15 parachute borne canisters will be dropped, in a rectangular array (around ground zero), from 2 B-36 or B-47 aircraft. Canisters will be positioned from 20,000 feet upward at shot time and will transmit to the van receiving stations the shock data and associated measurements. The ship will be positioned 30-40 miles from GZ (ground zero) at detonation time, on a heading which will provide line of sight between van antennas and the airborne canisters. The LSD will maintain radio silence, except for emergency transmissions, during the period canisters are airborne and for rehearsals as practicable. Trailers are to be off-loaded in the PPG after CHEROKEE participation.
- d. USS KNUDSON (APD-101).
- (1) Mission. Support Project 2.6.1; Project Officer - Dr. R. SOULE, U.S. Naval Radiological Defense Laboratory, San Francisco, California.
- (2) Participation. A telemetering receiving station will be installed in the APD and tested prior to departure from CONUS. During CHEROKEE, ZUNI and NAVAJO, rockets fired from BIKINI shore locations will be employed to penetrate the radioactive cloud to determine distribution of radioactivity in space. Two salvos of 7 rockets each will be launched during each of

Annex M to CTG 7.3 No. 1-56
SCIENTIFIC SUPPORT

the three detonations. The gamma dose rate intensity versus time measurements will be telemetered to the APD receiving station. The first salvo will be fired at shot plus 5-10 minutes and the second salvo at shot plus 20-25 minutes. KNUDSON maintain radio silence, except for emergencies during periods rockets are aloft and orient ship on a heading which will provide maximum antenna reception. (Antennas are directional).

e. USS J. E. KYES (DD-787) and USS SHELTON (DD-790).

- (1) Mission. Support LOKI project; Project Officer - LCDR MASTERSON, Office of Naval Research, Washington, D. C.
- (2) Participation. One rocket launcher will be installed on a 5"/38 gun barrel of each ship during February 1956. The MK 37 fire control system (consisting of MK 25 mod 3 radar, MK 37 director, MK 1 computer and MK 6 stable element) will be modified to permit target tracking at rocket burst altitudes up to about 160,000 feet. The objective of the project is to determine wind directions and velocities at high altitudes just prior to high yield detonations in order to determine expected radiological fallout conditions. This is accomplished by firing LOKI rockets set to burst at desired altitudes and target acquisition and tracking of window released by rocket bursts. Ships gunnery personnel will be utilized to conduct firing and tracking and each ship will test fire about 15 prototype LOKI rockets after installation of equipment during February 1956. Results of these tests will probably determine whether the two ships will be required to remain in company during pre-shot firing. The project will participate in all BIKINI shots and may participate in significant ENIWETOK shots.

f. USS ESTES (AGC-12).

- (1) Mission. Support Program II Fallout Control Center; Program Director - CDR CAMPBELL, FC AFSWP, Sandia Base, Albuquerque, New Mexico.

Annex M to CTG 7.3 No. 1-56
SCIENTIFIC SUPPORT

(2) Participation. A Program II Plot will be installed in the Flag Communication space, ESTES, consisting of facilities for controlling and receiving information from project ships and aircraft and plotting boards for displaying ship and aircraft locations and radiological data. The Program must have access to latest weather and fallout prediction information. Participation will be in CHEROKEE, ZUNI, NAVAJO and APACHE. Program II Plot personnel, consisting of representatives from Projects 2.62, 2.63 and 2.64 will control movements during periods of radiological fallout, as authorized by Commander Task Group 7.3, of the MC GINTY, SILVERSTEIN, M/V HORIZON, YAG-39, YAG-40, LST-611 and two each of the 3 P2V-5 aircraft assigned to radiological survey missions, and plot results of data received from these units. The purpose of the program is to document radiological fallout over an area of several hundred miles from detonation point (GZ). Approximately 19 project personnel will participate in manning Program II Plot. The ESTES will furnish most of the communication circuits required. Commander Task Group 7.3, assisted by the ESTES, will resolve communication interference problems.

g. Unmanned craft (YC-1420, YCV-10, YFNB-13, YFNB-29, YFN-994, 4 sectional pontoon rafts).

(1) General. Upon arrival of these craft in the PPG, Commander Task Group 7.3 will assume the following supporting tasks:

- (a) Mooring or anchoring in locations desired by Commander Task Group 7.1 and observation or tending as appropriate to determine whether craft are dragging anchor or shipping water, including periodic bilge inspections and pumping as indicated.
- (b) Wash down in event of fallout.
- (c) Provision for appropriate side ladders, fenders and personnel safety equipment.
- (d) Lights as required.

The above tasks will be assigned to the Utility Unit (tugs) or to the OIC, Task Group 7.3 Boat Pool, as appropriate.

Annex M to CTG 7.3 No. 1-56
SCIENTIFIC SUPPORT

(2) Utilization.

- (a) The YCV-10 will be moored in close proximity to the shot barge when a barge is in position, or in the ENYU anchorages, and will be used as a helicopter landing platform in support of the barge site, AINSWORTH or other designated unit or area. BADOENG STRAIT will establish and service portable helicopter landing field lighting equipment on this craft.
- (b) The YC-1420 will be anchored in ENYU anchorage and will be utilized as a station for receiving, packaging and transshipping radioactive samples for events CHEROKEE, ZUNI and FLATHEAD. Bulwarks have been removed from the after end of this craft to provide a helicopter landing platform.
- (c) YFNB-13 and YFNB-29 will be anchored initially in ENYU anchorage, then in relatively deep water in the lagoon at a location to be specified for each shot, and will be used as fallout collecting and measuring stations in support of Project 2.63 (Dr. T. TRIFFET, NEDL) for events CHEROKEE, ZUNI and FLATHEAD.
- (d) Four sectional pontoon rafts - these rafts will be transported to the PPG in the YFNB's and will initially be anchored in ENYU anchorage, then in location to be specified for each shot.
- (e) The YFN-994 will be anchored in ENYU anchorage except for probable evacuation by tug during BIKINI shots. The OIC, Task Group 7.3 Boat Pool is assigned responsibility for this craft.

h. USS BADOENG STRAIT (CVE-116).

- (1) Mission. Support Master Radist Station associated with aircraft flown by Projects 5.1 through 5.6 and Project 5.8; contractor is Hastings Corp. of Hampton, Virginia.

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Annex M to CTG 7.3 No. 1-56
SCIENTIFIC SUPPORT

- (2) Participation. Three 33 foot van trailers carrying the RAYDIST station and two power generator trailers will be loaded aboard prior departure from CONUS, 28 dipole antennas 20' long, five horizontal wire and five UHF antennas will be mounted on the CVE connected to trailer equipment. This station will receive signals from WOTHO ISLAND, various locations ashore at BIKINI and from the aircraft and by use of the RAYDIST system will determine accurate aircraft positions relative to drop (simulated or actual) times, shock and thermal times, etc. The CVE will maintain radio silence except for VHF/UHF during shot runs and will make every effort to reduce electronic interference to RAYDIST receivers during rehearsals informing Commander Task Group 7.3 of any unresolved interference. The CVE will be stationed about 20 miles south of NAN on a heading of 050°T plus or minus 25° from shot minus 2 to shot plus 1 hours. No other ship transmitting on frequencies below 100 MCS will be permitted to approach closer than 10 miles to the CVE during these periods. RAYDIST will participate in all BIKINI shots.
- i. USS WALTON (DE-361) and DE to be designated.
- (1) Mission. Support ocean survey to be conducted by the Division of Biology and Medicine, AEC - Dr. Boss, Senior Project Scientist.
- (2) Participation. Two survey cruises will be made, one in June and one in September. Each cruise will last about ten (10) days and cover two (2) areas: first, along a N-S course (163°E Long) from 10° to 14° N Latitude and second, along a N-S course, 200 to 400 miles due west of ENIWETOK ATOLL between 7°-15° N Latitude. The ships will slow to about 5 knots each 25 miles to collect samples of water, plankton and fish. Shipboard space (approximately 10x20) is required for cutting up the fish and stowing samples, including refrigeration. The first survey will be made by the WALTON, which will arrive at ENIWETOK five (5) days prior to the cruise to receive interim plastic washdown system and scientific equipment. The second survey will be conducted two to three weeks after the last

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Annex M to CTG 7.3 No. 1-56
SCIENTIFIC SUPPORT

detention by a DE to be designated by COMSEVENTHFLT. The purpose of these surveys is to determine, as early as practicable, the effects of radiation fallout on the commercial fishing in the area. Each ship will be required to support six civilian project personnel.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

APPENDIX:

- 1 - Recapitulation of Naval Support for Project Participation


W. D. GEORGE
SCLK, U.S. Navy

Change #1

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Appendix 1 to Annex M. Scientific Support
 RECAPITULATION OF NAVAL SUPPORT FOR PROJECT PARTICIPATION

Proj. No.	Unit(s)	BIKINI										ENI WETOK							Mission Brief							
		Cherokee	Zuni	Huron	Flathead	Navajo	Apache	Erle	Tuma	Seminole	Cage	Kikapoo	Blackfoot	Lohawk	Lacrosse	Famnee										
1.4	CATAMOUNT (LSD-17)	X																						Base for 3 trailer telemetering receiving station		
1.9	LCM-37	X	X	X	X	X																			Conduct lagoon surveys	
2.61	KNUDSON (APD-101)	X	X																						Base for telemetering receiving	
2.62	MC GINTY (DE-365) SILVERSTEIN (DE-534) M/V HORIZON	X	X																						Early water survey	
2.63	YAG-39 YAG-40 LST 611 SLOUX (ATF-75) YFNB-13 YFNB-29 YC 1420 PONTON RAFTS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Manned fallout station Manned fallout station Manned fallout station Service fallout skiffs Unmanned fallout station Unmanned fallout station Sample Packaging, share with Proj 2.65 Unmanned fallout stations
2.64	3 - P2V	X	X																						Early aerial fallout survey	
2.65	YC 1420	X	X																						Sample packaging, share with Proj. 2.63	
5.1 - 5.6 & 5.8	BADJENG STRAIT (CVE-116)	X	X	X	X	X																			Base for Raydist station	
5.8	1 - A3D	X	X	X	X	X																			Thermal measurements	
8.5	1 - P2V	X	X	X	X	X																			Thermal measurements	
	KYES (DD-787) SHELTON (DD-790)																								Upper altitude wind measuring system	

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24 January 1956; 1000R

Annex N to CTG 7.3 Operation Plan No. 1-56
PATROL AND ESCORT PLAN

1. Unfriendly forces have the capability to reconnoiter this operation and obtain information detrimental to the security of the United States. They have a further capability to hinder operations by introducing vessels or aircraft into the Pacific Proving Ground during the time in which shots are scheduled. Further, there exists a possibility that ships or aircraft may unwittingly enter the Pacific Proving Ground at a critical time.
2. Surface and air patrol forces will conduct patrols of designated areas in accordance with appendices 1, 2 and 3 in order to detect and remove unauthorized aircraft and shipping.
3. Definitions
 - a. DANGER AREA: Encompasses the PFG and ocean areas bounded as follows: $18^{\circ}30'N$ $158^{\circ}E$ - $18^{\circ}30'N$ $172^{\circ}E$ - $11^{\circ}30'N$ $172^{\circ}E$ - $11^{\circ}30'N$ $166^{\circ}16'E$ - $10^{\circ}15'N$ $166^{\circ}16'E$ - $10^{\circ}15'N$ $158^{\circ}E$ extending north to $18^{\circ}30'N$ $158^{\circ}E$.
 - b. CLOSED AREA: Includes the land areas of ENIWETOK and BIKINI ATOLLS, the areas of the respective lagoons and the water areas within three (3) miles to the seaward side of the respective land areas.
 - c. DESTRUCTIVE AREA: Encompasses the ground and sea areas around the zero points for each shot from which ships and important equipment shall be removed prior to the detonation.
 - d. EXCLUSION AREA: A security area containing a security interest which is of such nature that access to this area constitutes, for all practical purposes, access to the security interest contained therein, i.e., a shot site or assembly area.
 - e. SURFACE AND SUBMARINE EXCLUSION AREA is the area within thirty (30) miles of a prospective detonation site. No friendly submarines will be in the Danger Area.
 - f. AIRCRAFT EXCLUSION AREA is the area within fifty (50) miles of ENIWETOK or BIKINI ATOLL or a major unit of Joint Task Force SEVEN.

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Annex N to CTG 7.3 No. 1-56
PATROL AND EXCORT PLAN

- g. AIR CONTROL AREA: Encompasses the land and ocean areas bounded as follows: Centered in the ENIWETOK ATOLL at coordinates $11^{\circ}30'N$ $162^{\circ}15'E$, strike a circle with a radius of 100 miles: Centered in the BIKINI ATOLL at coordinates $11^{\circ}30'N$ $165^{\circ}30'E$, strike a circle with radius of 100 miles. Connect the North and South arcs of these circles with tangents. This race track shaped area, less the KWAJALEIN - GUAM Airway, will constitute the Air Control Area. All aircraft (of Task Group 7.4, Task Group 7.3, MATS, VIP flights, etc.) will report in to the Task Group 7.4 AOC and be under the traffic control of Commander Task Group 7.4.
- h. POINT OBOE. Is an aircraft geographic reference point located at latitude $12^{\circ}N$, longitude $164^{\circ}E$.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

APPENDICES:

- 1 - Surface Patrol Instructions
 - Tab A - ENIWETOK Patrol Sectors
 - B - BIKINI Patrol Sectors
- 2 - Air Patrol Instructions
 - Tab A - Danger Area
 - B - Basic Search Plans
 - C - Weather Reporting Code
 - D - Communication Circuits
 - E - Radiological Aerial Reconnaissance Flight Instructions
- 3 - Contact Identification and Development Procedure
 - Tab A - Reports


M. ROTH LISBERGER
LCDR, U. S. Navy
Flag Secretary

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Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
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Appendix 1 to Annex N, Patrol and Escort Plan
SURFACE PATROL INSTRUCTIONS

1. Commander Surface Patrol Unit will conduct a surface and antisubmarine patrol of designated areas in order to detect the entry into the Danger Area of unauthorized vessels, surface or submarine.
2. Utilize radar and sonar in accordance with type doctrine.
3. Appropriate conditions of readiness may be prescribed by the unit commander or commanding officer.
4. Coordinate with aircraft of Patrol Plane Unit in exchange of information on contacts.
5. In the event that a definite contact is made with an unauthorized vessel, every effort will be made to identify the vessel, communicate with it, and request it to clear the area. Detailed procedure is contained in Appendix 3 to this annex.
6. Position of contacts shall be reported in true range and bearing from POINT OBOE as specified in Appendix 3 to this annex.
7. Commander Task Group 7.3 will keep patrol units advised of friendly shipping routed through the area.
8. Submarine contacts will be handled in strict accordance with CINCPACFLT Instruction 03360.2C of 13 August 1955, *as modified by ALDPACFLT 7F (Ch. #1.)*
9. Exercise maximum economy consistent with adequate area coverage.
10. Report current sonar message concurrent with noon fuel.
11. Be prepared at any time for SAR mission.
12. Be prepared for emergency evacuation of downwind atolls after shots. This will require embarking large numbers of native personnel.
13. Prior to deployment, prepare for maximum ship's force maintenance. No naval repair facility exists in the PPG and no tender will be available. The only outside assistance available will be advice from the Group Maintenance Officer and limited shop facilities both ashore and on the AGC, CVE and AV, none of which are primarily designed to support destroyer and escort types.

Appendix 1 to Annex N, Patrol and Escort Plan
SURFACE PATROL INSTRUCTIONS

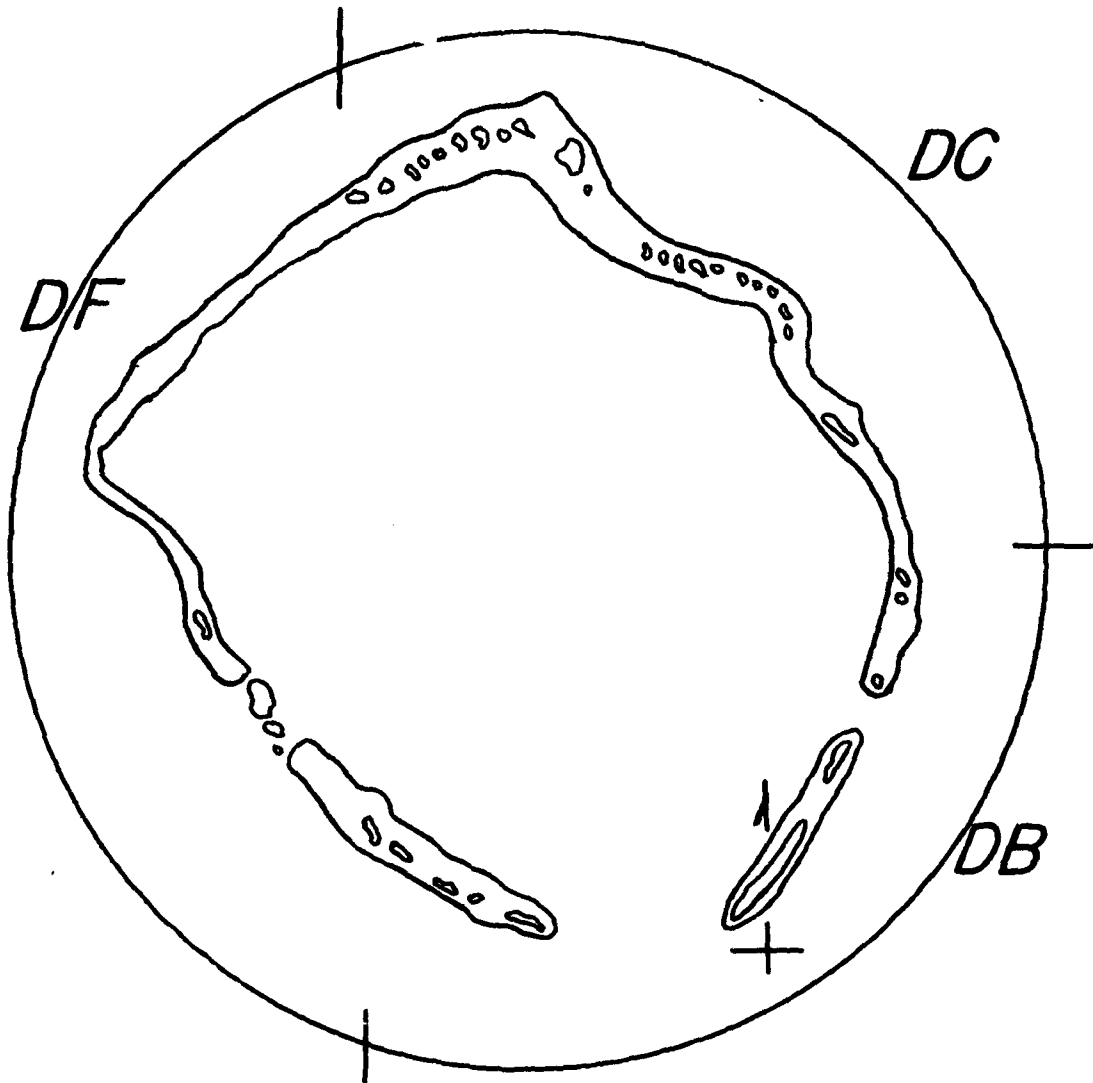
TAB:

- A - ENIWETOK Patrol Sectors
- B - BIKINI Patrol Sectors

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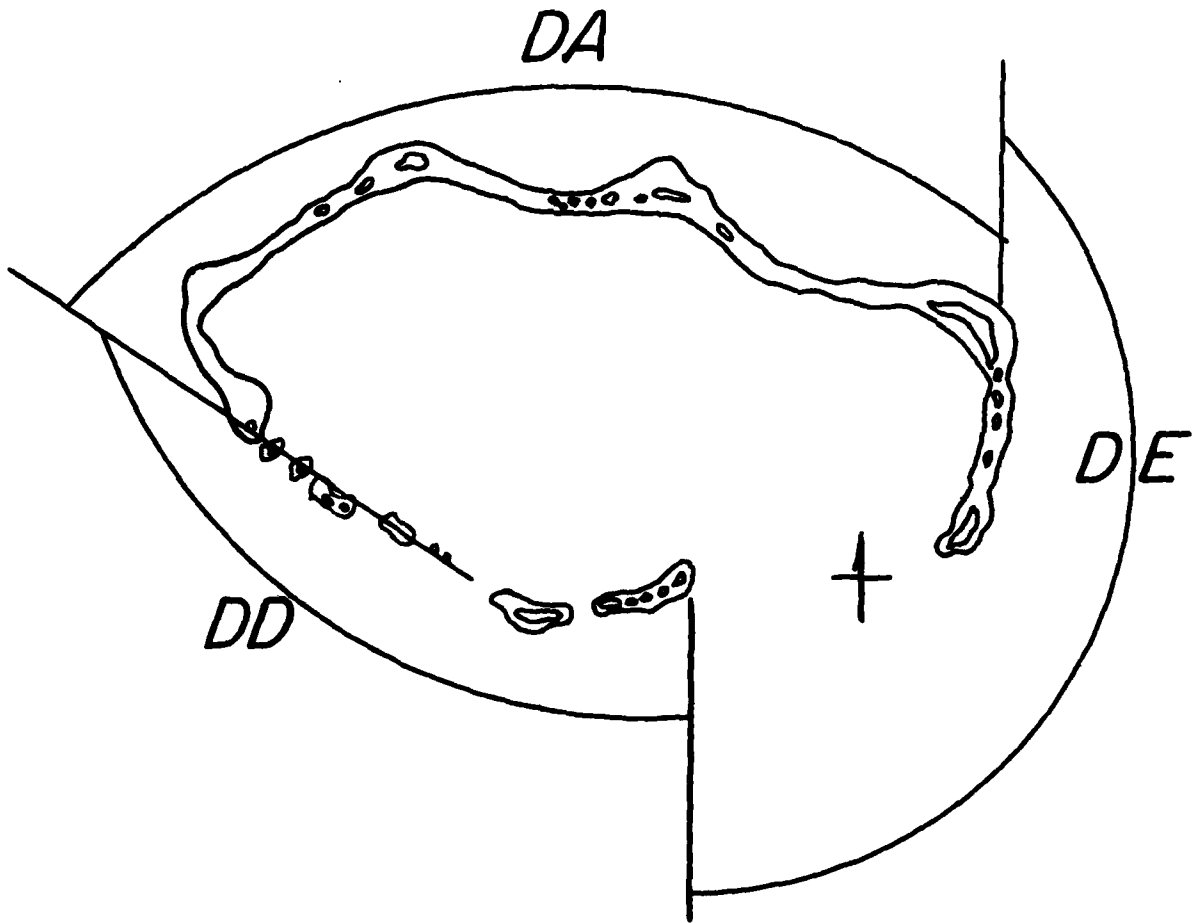
Tab A to Appendix I, Surface Patrol Instructions
ENIWETOK PATROL SECTORS



N-I-A-1

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Tab B to Appendix I Surface Patrol Instructions
BIKINI PATROL SECTORS



N-1-B-1

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24 January 1956; 1000R

Appendix 2 to Annex N, Patrol and Escort Plan
AIR PATROL INSTRUCTIONS

1. Commander Patrol Plane Unit shall:

- a. Conduct aerial search and anti-submarine patrol of designated areas in order to detect the entry into the Danger Area of unauthorized vessels, surface or submarine. Detailed information is contained in Tab A and Tab B of this appendix.
- b. Utilize search techniques in accordance with standard doctrine, as specified in Tab B of this appendix.
- c. Coordinate with Surface Patrol Unit in exchange of information on contacts.
- d. In the event that a definite contact is made with an unauthorized vessel, insure every effort is made to identify the vessel, communicate with it and request it to clear the area. Detailed procedure is contained in Appendix 3.
- e. Report position of contacts in true bearing and distance from POINT OBOE, as specified in Appendix 3.
- f. Be prepared at any time for SAR mission.
- g. Be prepared to assist in emergency evacuation of personnel.
- h. Provide radiological aerial reconnaissance service in the vicinity of the task force fleet and shot atoll for a period of approximately six (6) hours commencing at H Hour. Detailed information is contained in paragraph 2 of this appendix.
- i. Insure that current information concerning friendly shipping routed through the area is available to all search patrol aircraft while airborne.
- j. Insure submarine contacts are handled in strict accordance with CINCPACFLT Instruction 03360.2C of 13 August 1955, *As modified by AL PACFLT 78 (ch#1)*
- k. Provide aircraft for special fallout delineator service as specified in paragraph 3 of this appendix.

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Appendix 2 to Annex N, Patrol and Escort Plan
AIR PATROL INSTRUCTIONS

- l. Make special in flight weather reports, as specified in Tab C of this appendix.
 - m. Maintain one (1) standby aircraft available on forty-five (45) minutes notice at all times on KWAJALEIN.
 - n. Provide own radiological safety monitors including one (1) airborne monitor for each multiengine aircraft crew assigned.
 - o. Provide own radiac equipment and repair, spare parts and calibration facilities for radiac equipment.
 - p. Provide decontamination crews and facilities for decontamination of own personnel and aircraft.
 - q. Additional radiological safety responsibilities are contained in Annex G.
 - r. Be prepared to provide aircraft for post-shot aerial radiological survey of the Northern Marshall Islands starting at approximately H plus 6 hours. Detailed information is contained in paragraph 4 of this appendix.
 - s. *See Change #1.*
2. Radiological Aerial Reconnaissance Flights
- a. The purpose of these flights is to provide an early warning to the task force commander by reporting radiation intensities, as measured by standard radiac instruments carried aboard patrol aircraft.
 - b. After each detonation two (2) aircraft will fly race track patterns at designated locations. Detailed geographic locations are shown in Tab E to this appendix.
 - c. Pilots flying these aircraft shall make standard in flight reports, except weather reports and report radiation intensities at intervals prescribed by the Radiological Safety Office.
 - d. Radiation intensity is considered positive when the intensity reads any value above background. When the intensity reaches three (3) roentgens per hour (3 r/hr) the aircraft shall make an immediate departure from the area to avoid exposure reporting to the Radiological Safety Office as soon as possible. This value (3 r/hr) is considered to be the maximum permissible limit of exposure to

Appendix 2 to Annex N, Patrol and Escort Plan
AIR PATROL INSTRUCTIONS

aircraft and crew. Detailed Radiological Safety Regulations are contained in Appendix 1 to Annex G.

- e. Radiological Aerial Reconnaissance Flights will be flown over the ENIWETOK and BIKINI areas as follows:
- (1) YOKE. A race track pattern which will be flown over an established location as indicated in Tab E of this appendix. At detonation time the aircraft shall be positioned at least 100 miles from point of detonation reporting over the SE sector of ENIWETOK ATOLL at H plus 30 minutes. The purpose of this location is to provide an early warning to the inhabited atoll of UJELANG after a detonation on ENIWETOK ATOLL.
 - (2) YOKE ONE. A race track pattern which will not be flown over an established location. Normally the aircraft will fly a race track pattern which is perpendicular to a line drawn between the detonation site and task force ships. At no time shall the flight pattern be closer than thirty (30) miles from the detonation site. At detonation time the aircraft shall be positioned at least 100 miles from the point of detonation, reporting over the ENIWETOK ATOLL at H plus 30 minutes. The purpose of this flight is to provide an early warning to the task force ships after a detonation on ENIWETOK ATOLL.
 - (3) ZEBRA. A race track pattern which will be flown over an established location as indicated in Tab E to this appendix. At detonation time the aircraft shall be positioned at least 100 miles from the point of detonation reporting over the task force ships at H plus 30 minutes. Normally task force ships will be approximately twenty-five (25) miles south of BIKINI. The purpose of this location is to provide an early warning to the ENIWETOK area after a detonation on BIKINI ATOLL.
 - (4) ZEBRA ONE. A race track pattern which will not be flown over an established location. Normally the aircraft will fly a race track pattern which is perpendicular to a line drawn between the detonation site and task force ships. At no time shall the flight pattern be closer than thirty (30) miles from the detonation site. At detonation time the aircraft shall be positioned at least 100 miles from the point of detonation reporting over the task force ships at H plus 30 minutes. The purpose of this flight

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Appendix 2 to Annex N, Patrol and Escort Plan
AIR PATROL INSTRUCTIONS

is to provide early warning to the task force ships after a detonation on BIKINI ATOLL.

3. Special Fallout Delineator Flights

- a. The purpose of these flights is to delineate radiation fallout patterns for a period of time following a detonation. Crews flying these flights shall be especially briefed prior to each flight, and in flight by the project engineer who controls the flight patterns.
- b. Pilots flying these aircraft shall make standard in flight reports, except weather reports, by means of UHF and the HF Navigational Channel employed for project use. Detailed information concerning radio circuits is contained in Tab D of this appendix.

4. Aerial Radiological Survey Flights of the Northern Marshall Islands

- a. The purpose of these flights is to report approximate air radiation intensities encountered with standard radiac instruments carried aboard patrol aircraft. These reports shall be prepared and reported employing simple codes. Flights shall be ordered executed as required, and flown over established routes. Procedures for preparing and reporting radiation intensities will be issued separately by the Radiological Safety Office.
- b. Established flight tracks are as follows:
 - (1) BAKER - one (1) aircraft will pass over the following locations: KWAJALEIN, KUSAIE, PINGELAP, MOKIL, PONAPE, UJELANG, KWAJALEIN.
 - (2) CHARLIE - one (1) aircraft will pass over the following locations: KWAJALEIN, NAMU, AILINGLAPALAP, NAMORIK, EBON, JAILUT, MILI, ARNO, MAJURO, AUR, MALOELAP, URIKUB, WOTJE, KWAJALEIN.
 - (3) DOG - one (1) aircraft will pass over the following locations: KWAJALEIN, MAKIN, MARAKEI, EBALANG, TARAWA, MAIANA, ABAMAMA, ARAMIKA, NONOUTI, TABITENEA, ONOTOA, TAMANA, ARORAE, NUKUNAU, BERU, KWAJALEIN.

5. In Flight Reports. All in flight reports shall be given in bearing and distance from POINT OBOE, except submarine contact reports, submarine amplifying reports, and aircraft flying the Aerial Radiological

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Appendix 2 to Annex N, Patrol and Escort Plan
AIR PATROL INSTRUCTIONS

Survey Flights of the Northern Marshall Islands. Detailed information concerning submarine reports is contained in Appendix 3. Aircraft flying the Aerial Radiological Survey Flights of the Northern Marshall Islands will make position reports utilizing the special code issued by the Radiological Safety Office. Following are forms and instructions for the various reports:

- a. Departure reports are sent immediately after take off to Commander Task Unit 7.3.4 and information to Commander Task Group 7.3. The date-time-group of the transmission will indicate the time of take off. These reports shall contain the following:
- (1) Aircraft Radio Call.
 - (2) The word "out".
 - (3) The point of departure.
 - (4) If on prescribed mission pursuant to orders promulgated by a GREEN message, refer to the serial number of the GREEN message (GREEN ONE, TWO or as applicable).
 - (5) If not on a prescribed mission, destination and ETA.
- b. Arrival reports shall be sent when the aircraft is over its destination to Commander Task Unit 7.3.4 and information to Commander Task Group 7.3. The date-time-group of the transmission will indicate the time of approach to landing. These reports shall contain the following:
- (1) Aircraft Radio Call.
 - (2) The word "in".
 - (3) The place of arrival.
- c. Position reports will be transmitted every hour to Commander Task Unit 7.3.4 and information to Commander Task Group 7.3. Distance and true bearing from POINT OBOE shall be reported. When distance is less than 100 miles, zero will precede the distance. The date-time-group of the transmission will indicate the time of position. These reports will contain the following:
- (1) Aircraft Radio Call.
 - (2) Bearing and distance from POINT OBOE.


Appendix 2 to Annex N, Patrol and Escort Plan
AIR PATROL INSTRUCTIONS

d. Penetration of Control Area. Pilots of patrol aircraft shall report to the Air Operations Center (AOC) prior to penetrating the Control Area boundary surrounding the ENIWETOK and BIKINI ATOLLS. This area is shown in Tab A of this appendix. If contact cannot be made prior to penetration, proceed on mission maintaining VFR at all times and continue trying to make contact. These reports shall contain the following:

- (1) Aircraft Radio Call.
- (2) Position of penetration (bearing/distance from POINT OBOE).
- (3) Altitude.
- (4) ETA and position where departure from Control Area will be made.
- (5) Destination if not on a prescribed mission.

6. Method for Assigning and Reporting Operational Missions

a. Standard form messages (Rainbow forms) shall be used to direct and report patrol operations. Detailed information concerning the employment and procedure for these forms is contained in the Pacific Control Manual - 1953.

7. Armament Load

a. Unless otherwise directed, search aircraft shall carry the following armament load.

- (1) 2 MK 54 bombs.
- (2) 400 rounds of 50 cal. ammunition.
- (3) 16 Sonobuoys.
- (4) Standard load of expendable pyrotechnics (flares, float lights, etc.).

8. General Instructions and Information

a. Instructions.

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Appendix 2 to Annex N, Patrol and Escort Plan
AIR PATROL INSTRUCTIONS

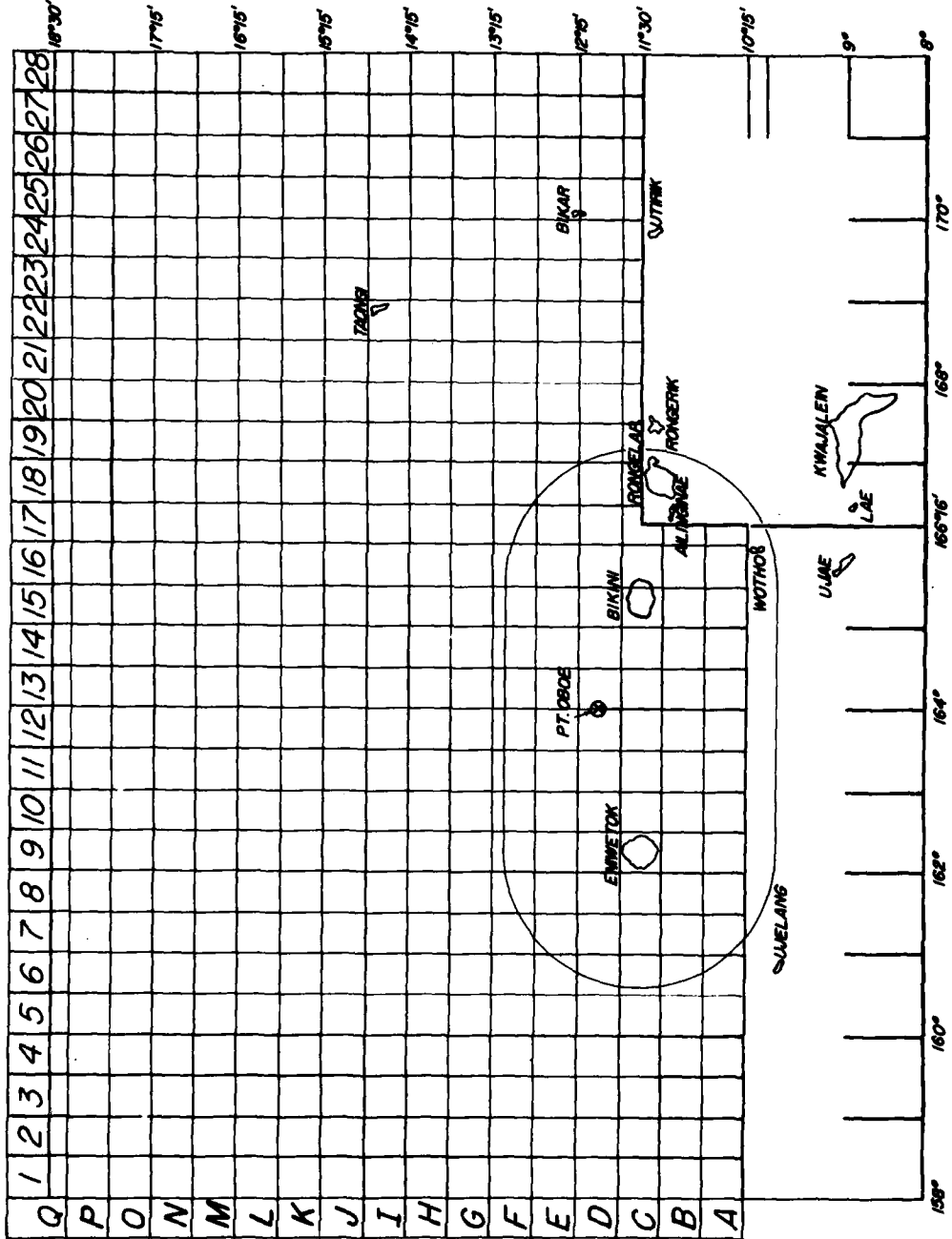
- (1) Beginning at D minus 4, Task Unit 7.3.4 shall be required to be in a standby status ready to commence Concentrated Searches, or Concentrated and Extended Searches, as directed.
- (2) Aerial search patrols shall be planned so as not to exceed ten (10) hours in duration.
- (3) Search aircraft shall not take off with less than thirteen (13) hours of fuel supply.
- (4) Unless otherwise directed, all patrol aircraft, with the exception of patrol aircraft flying special radiological aerial reconnaissance missions as specified in paragraph 2 of this appendix, shall land on KWAJALEIN not later than thirty (30) minutes prior to scheduled time of each detonation.
- (5) All P2V-5 aircraft shall have mode 2 IFF on when approaching the air control boundary and during the time the aircraft remains within the boundary.

b. Information.

- (1) In general aerial surveillance of the Danger Area will increase as shot time approaches and decrease between shots. Resumption of safety patrols will be directed consistent with radiological safety situation.
- (2) Aerial search patrols shall normally end at sundown.

Joint Task Force SEVEN
 Task Group 7.3
 Washington 25, D.C.
 24 January 1956; 1000R

Tab A to Appendix 2, Air Patrol Instructions
 DANGER AREA



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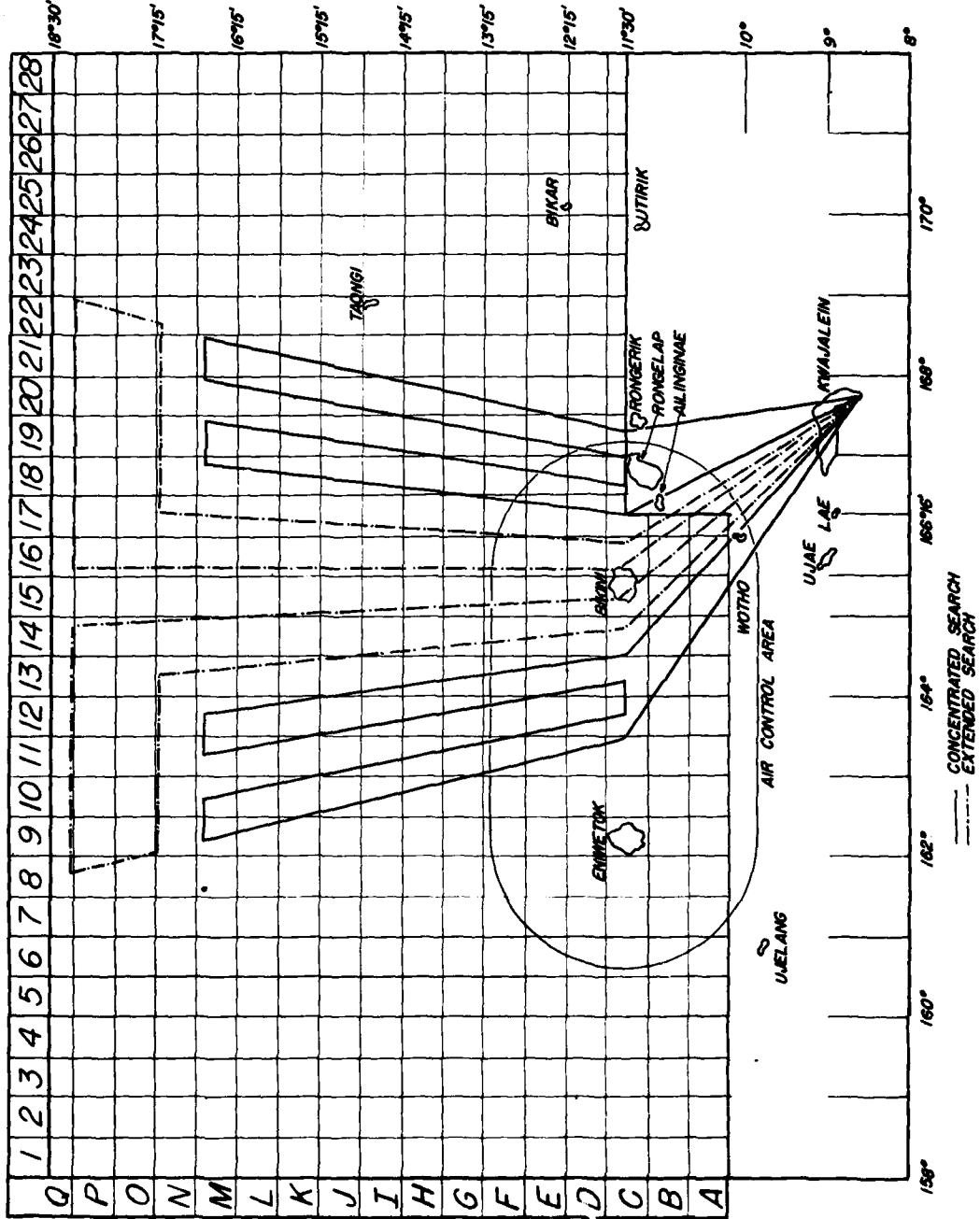
Tab B to Appendix 2, Air Patrol Instructions
BASIC SEARCH PLANS

1. Search Area

- a. The geographical limits of the search area are determined by the expected radiological fallout pattern, and the area will be delineated by geographic points employing the grid system as shown. However, to find the actual search area, the delineated area shall be increased in size to allow for the possibility of a surface vessel entering the delineated area between the time patrols end on the day previous to the shot, which is normally at sundown, and the actual time of shot, which normally is thirty (30) minutes before first light.
- b. Aerial searches shall be of three (3) types:
- (1) General Surveillance Flights. A general surveillance of the Danger Area to detect unauthorized vessels, surface or submarine, well in advance to allow sufficient time if surface patrol ships are required to escort unauthorized vessels out of Danger Area. This will insure that detonation will not be detained because the Danger Area is not clear. These flights will normally be flown commencing at D minus 6. A general surveillance of the Danger Area shall be accomplished at least once prior to D minus 4, and again prior to D minus 1 contingent on the availability of aircraft which are not required in a standby status to fly the concentrated and extended searches commencing D minus 1.
 - (2) Concentrated Search. A multiplane search within a specified area. This area is determined by the expected fallout pattern increased in size as specified in paragraph 1.a. above.
 - (3) Extended Search. A two (2) or three (3) plane search paralleling a bearing or bearings projected out beyond the ~~search area~~ ^{concentrated} search area in the direction of the predicted fallout. Normally the Extended Search will be employed prior to the high yield shots where the expected fallout may extend great distances.
- c. Depending upon the yield of the shot, concentrated and extended searches may run concurrently, or concentrated searches may be executed alone.

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Tab B to Appendix E, Air Patrol Instructions
 BASIC SEARCH PLANS



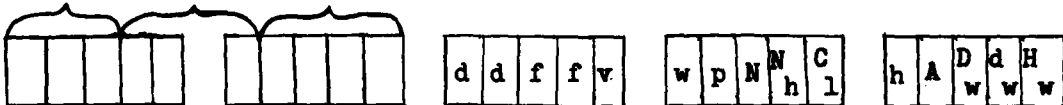
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Tab C to Appendix 2, Air Patrol Instructions
WEATHER REPORTING CODE

1. Weather reports shall be made every hour, unless otherwise directed, thirty (30) minutes following the hourly position report. This report need not be made until the actual search is commenced and it shall be sent to Commander Task Group 7.3 who shall relay report to Weather Central. This report shall utilize the code listed below:

DISTANCE BEARING TIME Z



DISTANCE..In nautical miles from POINT OBOE.

BEARING, In degrees (T) from POINT OBOE.

TIME.....Zebra time.

dd.....*Surface or flight wind direction in 10's of degrees. Send the most reliable wind. When unknown send 99.

ff.....*Surface or flight wind speed in knots. When unknown send 99.

V.....Visibility

0	under 50 yds	5	1 - 2 miles
1	50 - 200 yds	6	2 - 5 miles
2	200 - 500 yds	7	5 - 10 miles
3	500 - 1000 yds	8	10 - 30 miles
4	1000 yds - 1 mile	9	30 miles or more

w.....Present weather

0	no significant weather	5	moderate rain
1	light showers V 3 miles	6	heavy rain
2	moderate showers V 3 miles	7	lightening
3	heavy showers V $\frac{1}{2}$ mile	8	thunderstorms
4	light rain	9	line squall

Tab C to Appendix 2, Air Patrol Instructions
WEATHER REPORTING CODE

P.....Precipitation - sector of visual or scope observation of number of forty-five degree sectors in which there are showers or rain observed.

N.....Total amount of sky covered with cloud in eights. Include middle and cirrus clouds.

N_h.....Amount of low cloud. Report in eights.

C_L.....Type of low clouds.

- 1 Cumulus with little vertical development - to 6000 feet.
- 2 Cumulus with moderate vertical development - to 12000 feet.
- 3 Cumulus with considerable vertical development - above 12000 feet.
- 5 Stratocumulus.
- 6 Stratus
- 8 Cumulonimbus with extreme vertical development - above 20000 feet.
- 9 Cumulonimbus with very extreme vertical development - above 30000 feet with anvil top.

h.....Height above the sea of the low clouds in feet.

- | | | | |
|---|-------------|---|-------------|
| 0 | below 300 | 5 | 1500 - 1799 |
| 1 | 300 - 599 | 6 | 1800 - 2099 |
| 2 | 600 - 899 | 7 | 2100 - 2399 |
| 3 | 900 - 1199 | 8 | 2400 - 2699 |
| 4 | 1200 - 1499 | 9 | 2700 - 3600 |

A.....Altitude of aircraft on patrol. Use same code as "h" (height of low clouds).

d_wd_w.....Direction from which waves are coming. Report in 10's of degrees. Send 49 when waves are confused, direction indeterminate. Send 99 when waves are confused, direction indeterminate but higher than 14 feet.

H_w.....Mean maximum height of waves.

- | | | | |
|---|------------------|---|--------------------------------|
| 0 | less than 1 foot | 6 | 9½ feet |
| 1 | 1½ feet | 7 | 11 feet |
| 2 | 3 feet | 8 | 13 feet |
| 3 | 5 feet | 9 | 14 feet |
| 4 | 6½ feet | X | height impossible to determine |
| 5 | 8 feet | | |

X.....Send X when any item, except dd and ff, is impossible to determine.

* Unless otherwise specified surface wind direction and velocity will be given.

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Tab D to Appendix 2, Air Patrol Instructions
COMMUNICATIONS

1. Radio Channels. The following lists the channel number, description and employment of all radio channels which will be used by patrol aircraft to accomplish their missions. Detailed information concerning all channels and circuits employed is contained in Appendix 1 to Annex E of this plan.

<u>Channel Number</u>	<u>Description</u>
16A (P) B (S)	<u>Air/Ground Freq.</u> HF-CW

Employment

Guarded continuously while aircraft air-borne by P2V-5 aircraft, except ~~Fallout Delineator Aircraft (Project 2.64), VP-1 Base Operations, and Commander Task Group 7.3 on ESTES.~~ *see change #1*

On ESTES (CW) operator will relay aircraft position reports to Commander Task Group 7.4 Air Controller in CIC.

Use - Aircraft Position Reports.

Weather Reports.

Radiological Aerial Reconnaissance Aircraft will send radiation intensities when out of range UHF, Channel (one (1) of twelve (12) UHF channels assigned to CIC and AOC). For BIKINI detonations, reports will be sent to RadlSafe Office in ESTES. For ENIWETOK detonations, reports sent to Radl-Safe Office on PARRY ISLAND via the AOC on ENIWETOK.

17	<u>Administrative Freq.</u> HF-CW	Commander Task Group 7.3 will direct VP-1 Base Operations to activate if Channel 16 becomes overloaded with administrative traffic.
----	--------------------------------------	---

Use - Commander Task Group 7.3 administrative traffic to VP-1 Base Operations.

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Tab D to Appendix 2, Air Patrol Instructions
COMMUNICATIONS

<u>Channel Number</u>	<u>Description</u>	<u>Employment</u>
14 15	<u>Telemetering Freq.</u> HF-Code	Continuously in operation while Fallout Delineator Aircraft (Project 2.64) are airborne. Aircraft number 1 and 3 use Channel 14. Aircraft number 2 and 4 use Channel 15. Aircraft transmit and ESTES receive only. <u>Use</u> - Patrol aircraft using only transmitter, automatically sends coded radiation data to Program 2 Plot on ESTES.
12	<u>Navigationl Freq.</u> HF-Voice	Guarded continuously by Fallout Delineator Aircraft (Project 2.64) and Program 2 Plot on ESTES while aircraft are airborne. Channel 5 (Voice), Task Group 7.3 Common, used as a back up in the event of failure of Channel 12. Channel 4C (CW), Task Group 7.3 Common, used as a back up in the event aircraft are out of range of voice, Channel 12 or 5. <u>Use</u> - Program 2 Plot directs aircraft on prescribed flight patterns. Fallout Delineator Aircraft (Project 2.64) will use HF - transmitter to send hourly position reports via Channel 16.
11A (P) B (S)	<u>Ship-Program 2 Freq.</u> HF-Voice	Guarded by Program 2 Plot and Program 2 ships. <u>Use</u> - Relay radiation information.
5	<u>TG 7.3 Common</u> HF-Voice	Voice back up for Channel 11.

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**Tab D to Appendix 2, Air Patrol Instructions
COMMUNICATIONS**

<u>Channel Number</u>	<u>Description</u>	<u>Employment</u>
4C	<u>TG 7.3 Common</u> HF-CW	(CW) back up for Channel 11.
26	<u>Weather Recon. A/C</u> HF-Voice	Guarded continuously by Weather Recon. Aircraft (B-50), ENIWETOK (AOC) and ESTES CIC while B-50 aircraft are airborne. <u>Use</u> - (P) B-50 aircraft report weather information. (S) B-50 aircraft report radiation intensities encountered while on weather reconnaissance. P2V-5 Post-shot Aerial Radiological Survey of Northern Marshall Islands. CW back up Channel 16.
6	<u>Combat Information</u> (CI) UHF-Voice (333.0 MC)	<u>Use</u> - P2V-5 Patrol Aircraft and Surface Patrol Unit Ships for exchanging information on contacts.
13	<u>Ship-Aircraft Freq.</u> UHF-Voice	<u>Use</u> - Fallout Delineator Aircraft (Project 2.64) and ships (2 DEs, 2 YAGs, LST-611, M/V HORIZON) engaged in assisting Projects 2.62, 2.63, 2.64. Program 2 Plot not included in this net.
23A-23L (ESTES) (ENIWETOK)	<u>RadlSafe Recon. Freq.</u> UHF-Voice	<u>Use</u> - Guarded by Radiological Reconnaissance Aircraft and RadlSafe Office in ESTES (BIKINI shots), or Radl-Safe Office, PARRY ISLAND (ENIWETOK shots) while aircraft are airborne.
23A-23L (ESTES) (ENIWETOK)	<u>Air Control Freq.</u> UHF-Voice	<u>Use</u> - Guarded continuously by AOC and aircraft while in Control Area. Aircraft report position/altitude when penetrating Control Area boundaries.

[REDACTED]

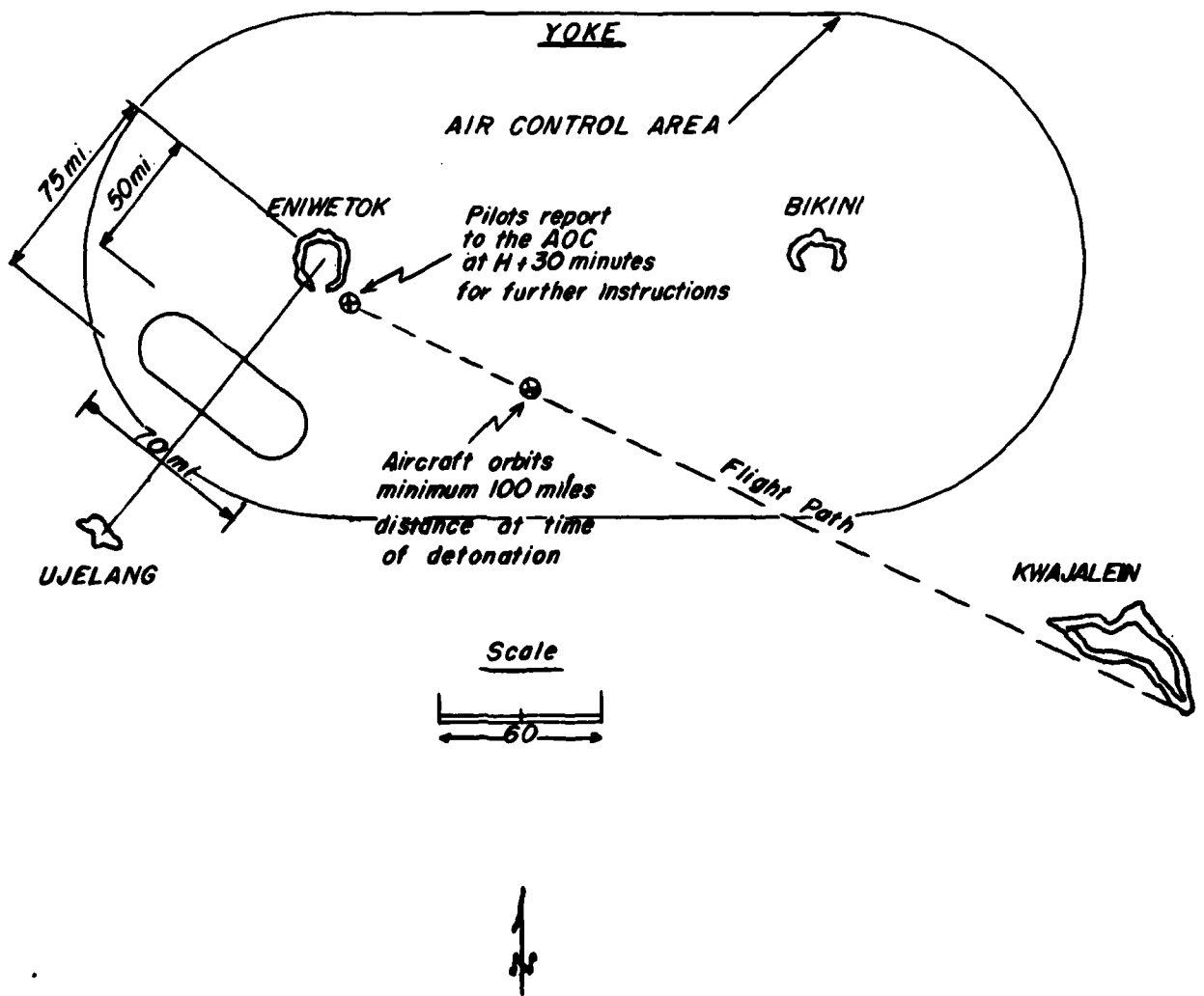
Tab D to Appendix 2, Air Patrol Instructions
COMMUNICATIONS

<u>Channel</u> <u>Number</u>	<u>Description</u>	<u>Employment</u>
18A (P) B (S)	<u>Helicopter Control</u> <u>Freq.</u> UHF-Voice (318.6 MC) (237.8 MC)	Guarded continuously by all airborne helicopters in BIKINI and BIKINI Tower.

[REDACTED]

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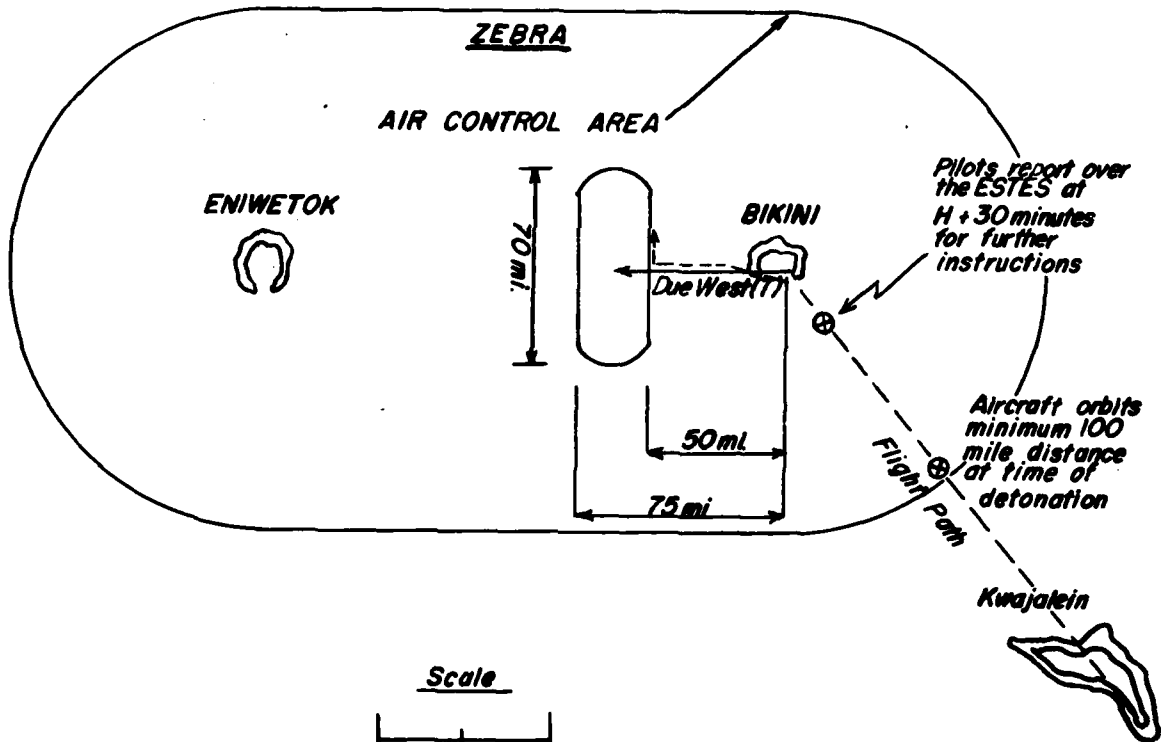
Tab E to Appendix 2, Air Patrol Instructions
RADIOLOGICAL AERIAL RECONNAISSANCE FLIGHT INSTRUCTIONS



N-2-E-1

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Washington 25, D.C.
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Tab E to Appendix 2, Air Patrol Instructions
RADIOLOGICAL AERIAL RECONNAISSANCE FLIGHT INSTRUCTIONS



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Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Appendix 3 to Annex N, Patrol and Escort Plan
CONTACT IDENTIFICATION AND DEVELOPMENT PROCEDURE

1. Surface Patrol Unit - circumstance under which contact is made and action taken:

a. Unauthorized surface vessel inside the ENIWETOK-BIKINI Danger Area but outside the ENIWETOK or BIKINI Closed Areas:

- (1) Make Contact Report as outlined in Tab A to this appendix.
- (2) Before approaching unauthorized vessel fly the International Signal "U" or "JD" and supplement this with appropriate course change signals from HO 87.
- (3) By means of flashing light, flag hoist, hailing, blackboard, radio (500 kc), hand keyed sonar using International Code Signals (HO 87 and 88), or other method, attempt to communicate the following message to the unauthorized vessel:

"YOU ARE IN A DANGEROUS AREA X PROCEED IN A _____ DIRECTION X DO NOT APPROACH BIKINI OR ENIWETOK ATOLLS"

- (4) Identify the vessel. Pass close aboard exercising due caution with respect to possible hostile action, note vessel's name, home port, house flag, nationality and/or any other significant details. Take photographs if possible.
- (5) If communication is established with the unauthorized vessel as outlined in (3) above, escort it to the limit of the ENIWETOK-BIKINI Danger Area.
- (6) If communication cannot be established:

CASE A. Vessel will not pass within thirty (30) miles of either BIKINI or ENIWETOK ATOLLS: Track the vessel until clear of the ENIWETOK-BIKINI Danger Area.

CASE B. Vessel will pass within thirty (30) miles of either ENIWETOK or BIKINI ATOLLS: Fire a warning shot ahead of vessel. The shot shall be fired with the surface safety ship between the vessel and nearest atoll and with the line in the direction in which the vessel should proceed. *see change #1*

[REDACTED]

Appendix 3 to Annex N, Patrol and Escort Plan
CONTACT IDENTIFICATION AND DEVELOPMENT PROCEDURE

(7) Make additional reports in accordance with Tab A to this appendix.

b. Unauthorized surface vessel enters ENIWSTOK or BIKINI Closed Area.

(1) Make Contact Report as outlined in Tab A to this appendix.

(2) Board ship and require it to clear the Closed Area and Danger Area without delay and under escort, pending further instructions from Commander Task Group 7.3.

(3) Make additional reports in accordance with Tab A to this appendix.

c. Submarine committing hostile act. A submarine shall be considered to commit a hostile act when:

CASE 1. Submarine attacks a unit of Task Force SEVEN or other authorized ship in the Danger Area, or

CASE 2. An unidentified submarine continues submergence in position to attack a unit of Task Force SEVEN or another authorized ship in the Danger Area, or

CASE 3. An unidentified submarine persists in submergence within the Submarine Exclusion Area.

(1) Make Contact Report as outlined in Tab A to this appendix.

(2) Attack by all means available.

(3) Make additional reports as outlined in Tab A to this appendix.

(4) In cases 2 and 3 above, if submarine surfaces, cease attack and take all necessary precautions against surprise offensive action on the part of the submarine.

(5) In case 2 above, if submarine surfaces after attack:

(a) Do not allow submarine to submerge until clear of friendly forces and until amplifying instructions have been received. If submarine again submerges in a position to attack, resume attacks on it.

(b) Determine nationality; obtain photographs; offer assistance and offer to provide escort to nearest U.S. controlled port outside of Danger Area.

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Appendix 3 to Annex N, Patrol and Escort Plan
CONTACT IDENTIFICATION AND DEVELOPMENT PROCEDURE

- (c) If escort to nearest U.S. controlled port outside of Danger Area is declined but escort to another port is requested, provide escort initially and inform Commander Task Group 7.3 who will issue amplifying instructions.
- (6) In case 3 above, if submarine surfaces after attack, force the submarine to remain in vicinity where it has surfaced, and request amplifying instructions from Commander Task Group 7.3.
- (7) Make additional reports in accordance with Tab A to this appendix.
- d. Unidentified submarine is contacted in the Danger Area under circumstances other than those covered in paragraph 1.c., and the submarine takes no action which would be considered hostile.
- (1) Make Contact Report as outlined in Tab A to this appendix.
- (2) Before approaching submarine fly the International Signal "U" or "JD" and supplement this with appropriate course change signals from HO 87.
- (3) By means of flashing light, flag hoist, hailing, blackboard, radio (500 kc) CW, hand keyed sonar using International Code Signals (HO 87 and 88), or other means, attempt to communicate the following message to the submarine:
- "YOU ARE IN A DANGEROUS AREA X PROCEED IN A _____ DIRECTION X
DO NOT APPROACH BIKINI OR ENIWETOK ATOLLS"
- (4) Attempt to identify the submarine and obtain photographs. Take no action which could be considered hostile, except in self defense. Be alert for hostile action by the submarine.
- (5) Maintain contact with the submarine until it clears the Danger Area and until released by Commander Task Group 7.3.
- (6) Make additional reports as outlined in Tab A to this appendix.
- e. Unauthorized aircraft in Danger Area, but outside of Aircraft Exclusion Area.

[REDACTED]

Appendix 3 to Annex N, Patrol and Escort Plan
CONTACT IDENTIFICATION AND DEVELOPMENT PROCEDURE

- (1) Make Contact Report in accordance with Tab A to this appendix.
- (2) Attempt to communicate with the aircraft by radio (guard VHF/UHF or 8364 CW), or other method, and send the following message:

"YOU ARE IN A DANGEROUS AREA X PROCEED IN A _____ DIRECTION X DO NOT APPROACH BIKINI OR ENIWETOK ATOLLS"

- (3) Identify plane by any means available. Take photographs if possible.
- (4) Track aircraft and make additional reports in accordance with Tab A to this appendix.

f. Unauthorized aircraft entering Exclusion Area.

- (1) Take action corresponding, as nearly as practicable, to that prescribed for Task Group 7.3 aircraft, see paragraph 2.f.

2. Patrol Plane Unit - circumstance under which contact is made and action taken:

a. Unauthorized surface vessel inside the Danger Area, but outside the ENIWETOK or BIKINI Closed Area.

- (1) Make Contact Report in accordance with Tab A to this appendix.
- (2) By means of signal lamp, radio (500 kc CW), message drop, or other method, attempt to communicate the following message to the unauthorized vessel:

"YOU ARE IN A DANGEROUS AREA X PROCEED IMMEDIATELY IN A _____ DIRECTION X DO NOT APPROACH BIKINI OR ENIWETOK ATOLLS"

- (3) Identify the vessel. Pass close aboard; note vessel's name, home port, house flag, nationality and any other significant details. Take photographs if possible.
- (4) If communication is established with the unauthorized vessel as outlined in (2) above, and the vessel complies with the message, track it with radar to the limit of the ENIWETOK-BIKINI Danger Area. This tracking shall be done while continuing standard search pattern, as practicable.

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Appendix 3 to Annex N, Patrol and Escort Plan
CONTACT IDENTIFICATION AND DEVELOPMENT PROCEDURE

(5) If communication is not established:

CASE A. Vessel will not pass within thirty (30) miles of either BIKINI or ENIWETOK ATOLL: Track the vessel until clear of the Danger Areas as outlined in (4) above.

CASE B. Vessel will pass within thirty (30) miles of either BIKINI or ENIWETOK ATOLL: Buzz the vessel by flying across the bow and off in the direction of a course, ~~to clear the Danger Area.~~ If there is still no response from the vessel after several passes, fire machine gun bursts well clear of the vessel into the water as a further warning. Warning shots shall be fired with the tracking aircraft between the vessel and nearest atoll with the line of fire in the direction in which the vessel should proceed. This procedure shall be repeated as necessary until the vessel complies.

(6) Make additional reports in accordance with Tab A to this appendix.

b. Unauthorized surface vessel enters ENIWETOK or BIKINI Closed Area.

(1) Make Contact Report as outlined in Tab A to this appendix and await instructions.

c. Submarine committing hostile act.

(1) Insofar as possible, take action paralleling that prescribed for surface safety vessels, see paragraph 1.c.

d. Unidentified submarine is contacted in the Danger Area under circumstances other than those covered in paragraph 1.c., and the submarine takes no action which would be considered hostile.

(1) Make Contact Report in accordance with Tab A to this appendix.

(2) Track the submarine using standard doctrine until relieved by a surface safety vessel or another aircraft.

(3) Make additional reports in accordance with Tab A to this appendix.

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Appendix 3 to Annex N, Patrol and Escort Plan
CONTACT IDENTIFICATION AND DEVELOPMENT PROCEDURE

e. Unauthorized aircraft in Danger Area, but outside of Aircraft Exclusion Area.

- (1) Make Contact Report in accordance with Tab A to this appendix.
- (2) Attempt to communicate with the aircraft by radio (guard VHF/UHF or 8364 kc CW), or other method and send the following message:

"YOU ARE IN A DANGEROUS AREA X PROCEED IMMEDIATELY IN A
_____ DIRECTION X DO NOT APPROACH BIKINI OR ENIWETOK ATOLLS"

- (3) If communication with the aircraft is established and if the aircraft proceeds in the assigned direction, track it until it clears the Danger Area.
- (4) Identify by any means available. Take photographs if possible.
- (5) If communication cannot be established with the aircraft, fly in the vicinity (if possible across the bow) of the unauthorized aircraft, take a heading which will clear the Danger Area and rock wings, indicating that the aircraft is to follow. Repeat this procedure as necessary, ~~and if it fails, fire a machine gun burst across its bow as a warning.~~ This burst shall be fired between the aircraft and the nearest atoll (ENIWETOK or BIKINI) and in the direction in which the unauthorized plane should proceed.
- (6) Make additional reports in accordance with Tab A to this appendix.

f. Unauthorized aircraft entering Aircraft Exclusion Area.

- (1) Make Contact Report in accordance with Tab A to this appendix.
- (2) Attempt to identify the aircraft.
- (3) If aircraft takes hostile action (i.e., opens fire or drops bomb, torpedo or other weapon), or is identified as USSR or USSR satellite, attack immediately with all means available.
- (4) If aircraft is identified as U.S. military or commercial aircraft or commercial aircraft of any nation (except USSR and satellites), attempt to divert it from the Aircraft Exclusion Area and Danger Area, utilizing the methods prescribed in e.(5) above.
- (5) Take photographs if possible.
- (6) Make additional reports in accordance with Tab A to this appendix.

TAB:
A - Reports

Tab A to Appendix 3, Contact Identification and Development Procedure
REPORTS

b. Amplifying Reports.

(1) Same as 1.b.

c. Action Report.

(1) Ships and aircraft make Action Reports in accordance with NWIP 10-1.

3. Submarine committing hostile act. Paragraphs 3 and 4 below are in accordance with CINCPACFLT Instruction 03360.2C of 13 August 1955, subject: Unidentified or Hostile Submarine Contacts; procedure for.

a. Contact Report.

FROM: (Call Sign)
ACTION: CTG 7.3 (as appropriate CTU 7.3.4 or CTU 7.3.3)
*INFO: CTF 32; COMSUBPAC; CNO; SECNAV; CJTF SEVEN

PRECEDENCE: SITUATION ONE - FLASH (Z)
CLASSIFICATION: Plain
CODE NAMES: SITUATION ONE - FIPRIT, SIBKAK, HIKFID, MAKPES
SAMPLE MESSAGE:

"FIPRIT LAT 35-35N LONG 46-00W 170500M"

* Ships and aircraft omit - Commander Task Group 7.3 will initiate necessary communication to OCA, and information addressees.

b. Amplifying Reports. Commander Task Group 7.3 will initiate the necessary Amplifying Reports to the Operational Control Authority (OCA). Unless directed otherwise, ships and aircraft after making the initial Contact Report shall transmit or exchange radio calls every thirty (30) minutes to Commander Task Group 7.3 indicating they are still in an operating status.

c. Action Reports.

(1) Ships and aircraft make Action Reports in accordance with NWIP 10-1.

4. Submarine not committing hostile act

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Tab A to Appendix 3, Contact Identification and Development Procedure REPORTS

a. Contact Report.

FROM: (Call Sign)
ACTION: CTG 7.3 (as appropriate CTU 7.3.4 or CTU 7.3.3)
*INFO: CTF 32; COMSUBPAC; CNO; SECNAV; CJTF SEVEN

PRECEDENCE: OPERATIONAL IMMEDIATE (O) or higher
CLASSIFICATION: Plain
CODE NAMES: SITUATION THREE - VELDAR, PIDLEF, DAVMIC, MAFTAR
SAMPLE MESSAGE: "VELDAR LAT 34-34N LONG 54-00W 161500M"

* Ships and aircraft omit - Commander Task Group 7.3 will initiate necessary communication to OCA and information addressees.

b. Amplifying Reports.

(1) Same as 1.b.

5. Unauthorized aircraft enters ENIWETOK-BIKINI Danger Area

a. Contact Report.

FROM: (Call Sign)
ACTION: CTG 7.3 (as appropriate CTU 7.3.4 or CTU 7.3.3)
INFO: CJTF SEVEN

PRECEDENCE: EMERGENCY (Y)
CLASSIFICATION: Plain
SAMPLE MESSAGE: "BOGIE BEARING (from _____) DISTANCE (miles)"

b. Amplifying Reports.

FROM: (Call Sign)
ACTION: CTG 7.3 (as appropriate CTU 7.3.4 or CTU 7.3.3)
INFO: CJTF SEVEN

PRECEDENCE: EMERGENCY (Y)
CLASSIFICATION: Plain
SAMPLE MESSAGE: Same as 1.b.

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[REDACTED]
Tab A to Appendix 3, Contact Identification and Development Procedure
REPORTS

6. Unauthorized aircraft enters ENIWETOK or BIKINI Exclusion Area

a. Contact Report.

(1) Same as 5.a.

b. Amplifying Reports.

(1) Same as 5.b.

c. Action Reports.

(1) Ships and aircraft make Action Reports in accordance with
NWIP 10-1.

7. Final Report. A complete report shall be made to Commander Task Group
7.3 by any unit which makes a contact inside the ENIWETOK-BIKINI Danger
Area giving all significant details.

Joint Task Force SEVEN
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Washington 25, D.C.
24 January 1956; 1000R

Annex O to CTG 7.3 Operation Plan No. 1-56
NAVIGATION

This annex will be issued at a later date.

[REDACTED]


Joint Task Force SEVEN
Task Group 7.3
Washington 25, D.C.
24 January 1956; 1000R

Annex P to CTG 7.3 Operation Plan No. 1-56
DEPLOYMENT PLAN

Units will deploy from home ports when directed in accordance with Appendix 1.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

APPENDIX:
1 - Deployment and Routing Plan (to be issued later)


M. ROTHLISBERGER
LCDR, U.S. Navy
Flag Secretary

10341

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
29 February 1956; 1000R

Appendix 1 to Annex P, Deployment Schedule
DEPLOYMENT AND ROUTING PLAN

This appendix was issued by separate correspondence and will not be issued as part of this Operation Plan.

Change #1

P-1-1

[REDACTED]

Joint Task Force SEVEN
Task Group 7.3
Washington 25, D. C.
24 January 1956; 1000R

Annex Q to CTG 7.3 Operation Plan No. 1-56
ADMINISTRATIVE PLAN

1. Personnel

- a. Personnel Administration. U.S. Navy personnel of Task Group 7.3 will be administered in accordance with regulations of the Department of the Navy, augmented by this annex, pertinent Commander Task Group 7.3 SOPA Instructions and such additional directives as are required.
- b. Personnel Reports. Detailed instructions for preparation and submission of personnel reports are contained in current Department of the Navy directives, augmented by this annex, pertinent Commander Task Group 7.3 SOPA Instructions and such additional directives as are required.
- c. Stabilization. Personnel of ships and units of the task group have been stabilized by Bureau of Naval Personnel action which precludes transfer, including transfer to the Fleet Reserve, during the period 1 February 1956 to 1 September 1956. Exceptions may be authorized by Commander Task Group 7.3 in case of emergency or security.
- d. Replacement Personnel. No replacement for losses occurring at PPG are expected. The duties performed by personnel whose services are no longer available should be assigned to a qualified person. Serious and critical personnel losses shall be reported to Commander Task Group 7.3 and to the appropriate type commander.
- e. Disqualifying Conditions. Covered in Annex C to this plan.
- f. Immunization. Covered in Annex C to this plan.
- g. Leave of Absence. Leave of absence for personnel during Operation REDWING will be subject to the approval of the task group commander. Leave of absence during this period will be granted only in case of extreme emergency.
- h. Entries in Service Records. Individual commands are charged with the responsibility of insuring that proper entries are made in individual personnel records to indicate date of departure from and return to CONUS.


Annex Q to CTG 7.3 No. 1-56
ADMINISTRATIVE PLAN

- i. Radiation Dosage. Maximum Permissible Exposure to radiation is covered in Annex G to this plan.
 - j. Casualty Reporting.
 - (1) Military. Casualties occurring within ships and units of Task Group 7.3 will be reported by message in accordance with the instructions contained in Bureau of Naval Personnel Manual, Article C-9801. CJTF SEVEN and Commander Task Group 7.3 will be included as information addressees of the reporting message.
 - (2) Civilians.
 - (a) Government Employees. In accordance with existing directives of the department or agency by which employed.
 - (b) Other than Government Employees. In accordance with instructions issued by the employing agency.
 - k. Contraband. Covered in Annex F to this plan.
2. Discipline
- a. Military Personnel.
 - (1) Courts-martial. Courts-martial shall be handled through type command organizations.
 - (2) Confinement. Ships or units having confinement cases, but not equipped with brigs, shall so inform the SOPA who will designate confinement space required.
 - b. Civil and Criminal Law Enforcement. The Department of the Interior is charged with civil and criminal law enforcement in Trust Territory of the Pacific Islands. The High Commissioner, Office of Trust Territories of the Pacific Islands, Guam, will administer civil and criminal law enforcement in the Pacific Proving. Ground and the atoll commander, ENIWETOK will render assistance as required. Under the code of the Trust Territory, there have been appointed one Principal Administrative Officer, Special Police and three Deputy Sheriffs, ENIWETOK and BIKINI ATOLLS. All of these are Holmes and Narver (H&N) employees, the first being the H&N Resident Manager and the other three being members of the H&N guard force.

Annex Q to CTG 7.3 No. 1-56
ADMINISTRATIVE PLAN

3. Pay. Ships and units not having a disbursing officer assigned shall inform SOPA, who will designate a disbursing facility. Prior to departure for the PPG, personnel should be advised that normal living expenses are very low in the forward area, that negotiable instruments for transfer of funds are not always available and that it is advisable to register Navy allotments in favor of dependents in order to insure that they are protected financially.
4. Mail.

- a. U.S. Mail. U.S. Mail shall be addressed to the ship or unit in care of Fleet Post Office, San Francisco, California. The U.S. Mail terminal for arrival and departure of mail between CONUS and PPG is the Army Post Office, (APO 187) ENIWETOK ISLAND. Additional APO's in PPG have been established as follows:

<u>APO No.</u>	<u>LOCATION</u>
APO 435	ENIWETOK ISLAND (Replaces APO 187 (HOW))
APO 436	ENYU ISLAND
APO 437	PARRY ISLAND

Pick up and delivery of U.S. Mail between ships and Post Offices will be coordinated by SOPA. In accordance with CINCPACFLT Instruction 2710.1A dated 25 January 1954 Commander Task Group 7.3 will originate advance message notification to the appropriate U.S. Mail controllers containing information essential to U.S. Mail routing authorities. This will be in addition to the required Movement Report submitted by individual naval ships and units.
Example:

- (1) CTG 7.3 SAMPLE MESSAGE FOR MOVEMENTS OF UNITS WITHIN THE PPG:

TO: APO 187

SEND MAIL FOR (Ship or Unit) TO (Place) _____

UNTIL (Date) _____ THENCE (Place) _____

- (2) CTG 7.3 SAMPLE MESSAGE FOR MOVEMENTS OF UNITS IN AND OUT OF THE PPG

TO: COMSERVPAC

INFO: COMNAVSTA KWAJALEIN (or other appropriate controller)
APO 187


Annex Q to CTG 7.3 No. 1-56
ADMINISTRATIVE PLAN

CINCPACFLT INST 2700.1A REFERS X (Ship or Unit) TO
KWAJALEIN 1 APR THEN PEARL TO 25 APR THEN APO 187

b. Mailing Addresses.

(1) Official Mail.

- (a) Commander Task Group 7.3. Commander Task Group 7.3 mailing address during the operational phase for correspondence intended for the forward area:

Commander Task Group 7.3
c/o Fleet Post Office
San Francisco, California

- (b) Correspondence directed to the office of the Task Group 7.3 Representative located on PARRY ISLAND:

Task Group 7.3 Representative
APO 437
San Francisco, California

- (c) Ships and units:

Commanding Officer, (Ship or Unit)
c/o Fleet Post Office
San Francisco, California

(2) Personal mail - Individual - Military and Civilians.

- (a) Stationed on ENIWETOK ISLAND:

Name, grade
Unit name
APO 187; Box No. _____
San Francisco, California

- (b) Stationed on PARRY ISLAND:

Name, grade
Unit name
APO 437
San Francisco, California

Annex Q to CTG 7.3 No. 1-56
ADMINISTRATIVE PLAN

- (c) Stationed on an island of the BIKINI ATOLL for the duration.

Name, grade
Unit name
APO 436
San Francisco, California

- (d) Stationed afloat:

Name, grade
Division
Name of Ship
c/o Fleet Post Office
San Francisco, California

- (e) Other Locations: Individuals stationed at locations where U.S. Mail channels are now available will utilize those channels. The mailing address for these locations is:


CANTON Name
 Unit name
 Canton Island, Phoenix Group
 South Pacific

GUAM Name
 Unit name
 Navy #926, c/o FPO
 San Francisco, California

WAKE Name
 Unit name
 Navy #130, c/o FPO
 San Francisco, California

MIDWAY Name
 Unit name
 Navy #3080, c/o FPO
 San Francisco, California

KWAJALKIN Name
 Unit name
 Navy #824, c/o FPO
 San Francisco, California


Annex Q to CTG 7.3 No. 1-56
ADMINISTRATIVE PLAN

- c. Change of address cards. All military and civilian personnel attached to ships and naval units of Task Group 7.3 are to be advised of the necessity for the accomplishment of "Notice of Change of Address Cards". This action should be taken in sufficient time to minimize mail and correspondence arriving in the forward area for individuals who have returned to permanent stations.
 - d. Locator file. All ships and units of Task Group 7.3 will maintain a locator file of personnel under their cognizance, insuring that mail is forwarded to those personnel located ashore or transferred to another activity.
 - e. Guard Mail. Guard Mail centers will be designated by SOPA Instructions.
 - f. Officer Messenger Mail. Officer Messenger Mail centers will be established on PARRY ISLAND and ~~PARRY ISLAND~~ ^{PARRY ISLAND, Alaska} and information concerning pick up and delivery will be contained in Commander Task Group 7.3 SOPA Instructions.
5. Personal Telegrams. Covered in Annex E to this plan.
6. Awards and Decorations. Recommendations for awards and decorations will be made in accordance with SECNAV Instruction 1650.1A of 8 October 1954.
7. Reports of Fitness. Concurrent Reports of Fitness will be made by Commander Task Group 7.3 on all unit commanders and commanding officers reporting direct to Commander Task Group 7.3 for operational control. Special Reports of Fitness, efficiency and effectiveness of individual performance of duty will be made by the task group commander as he deems appropriate.
8. Messing and Berthing. Civilians participating in Operation REDWING shall, insofar as practicable, be accorded wardroom messing and cabin berthing, commensurate with their rating, while embarked in ships of the task group.


Annex Q to CTG 7.3 No. 1-56
ADMINISTRATIVE PLAN

9. Destruction of Classified Correspondence. Ships and units shall make no destruction of classified correspondence pertaining to Operation REDWING pending receipt of instructions for disposal from Commander Task Group 7.3 or higher authority. Due to the nature of the operation, Commander Task Group 7.3 anticipates additional safeguards, such as a special report at the close of the operation listing each piece of classified matter pertaining to Operation REDWING that is burned.
10. Reports. A list of required reports is contained in Appendix 1 to this annex.
11. SOPA Instructions. Information concerning Officer Messenger Mail, uniform, liberty, restricted areas, recreation, welfare, education, exchange services, clubs, messes and transportation will be contained in Commander Task Group 7.3 SOPA Instructions - 1956.

J. H. WELLINGS
Rear Admiral, U.S. Navy
Commander

APPENDIX:

1 - Reports Required by CTG 7.3



M. ROTH LISBERGER
LCDR, U. S. Navy
Flag Secretary

Task Group 7.3
Fleet Post Office
San Francisco, California
22 March 1956; 1000W

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Appendix 1 to Annex Q, Administrative Plan
REPORTS REQUIRED BY CTG 7.3

1. The following is a tabulation of reports required by Commander Task Group 7.3 as derived from this operation plan. It does not incorporate other reports required by separate directives:

<u>Report Symbol</u>	<u>Description</u>	<u>Submitted by</u>	<u>Required</u>	<u>References</u>
TG 7.3 1088-1	Evacuation Deceased Personnel Report	Commanding Officer	When occurring	Annex C, para 10.b.(3)(f)
TG 7.3 4505-1	Excess Military Property	Commanding Officer	When occurring	Annex C, para 12.d.
TG 7.3 3540-1	Daily Fuel Report	Commanding Officer	Noon each day	Annex C, para 13.a.(1)
TG 7.3 3180-1	Replenishment Fuel Report	Commanding Officer	When occurring	Annex C, para 13.a.(2)
TG 7.3 9510-1	Boiler Report	Commanding Officer	Noon each Friday	Annex C, para 13.b.(1)
TG 7.3 9400-1	Derangement to Main Machinery	Commanding Officer	When occurring	Annex C, para 13.b.(2)
TG 7.3 3540-2	Special Burnable Fuel Report	Commanding Officer	Prior to reporting or upon arrival	Annex C, para 13.c.(1)
TG 7.3 3540-3	Maximum Speed and Fuel Rate	Commanding Officer	Prior to reporting or upon arrival	Annex C, para 13.c.(2)
TG 7.3 3130-1	Independent Action SAR Report	Commanding Officer to appropriate SAR commander	When occurring	Annex D, para 3.
TG 7.3 2300-1	Communication Equipment Outages	Commanding Officer	When occurring	Annex E, para 201,C

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**Appendix 1 to Annex Q, Administrative Plan
REPORTS REQUIRED BY CTG 7.3**

<u>Report Symbol</u>	<u>Description</u>	<u>Submitted by</u>	<u>Required</u>	<u>References</u>
TG 7.3 2300-2	Communication Circuit Interference	Commanding Officer	When occurring	Annex E, para 442
TG 7.3 3123-1	Movement Reports into and out of the ENIWETOK-BIKINI Danger Area	Originators	When occurring	Annex E, para 600.a.
TG 7.3 3123-2	Movement Message (Units moving within ENIWETOK-BIKINI Danger Area)	Commanding Officer	When occurring	Annex E, 600.b.
TG 7.3 2010-1	REDWING Communication Report	All ships and units	Prior to departure from forward area	Annex E, para 1400, 1.4X
TG 7.3 5510-1	Confiscation of Contraband Report	All ships and units	When occurring	Annex F, para 2.1.(4)
TG 7.3 5510-2	Confiscation of Unauthorized Film	All ships and units	When occurring	Annex F, para 2.1.(5)
TG 7.3 5510-3	Security Violation, Violation Security Regulations, suspected violation or compromise of classified information	All ships and units	When occurring	Annex F, para 2.q.
TG 7.3 3441-1	Air Radiation Intensities	All VP-1 aircraft to TG 7.3 RadlSafe Office	Beginning H Hour to H plus 24 hours	Annex G, para 4.b.(5)(c)
TG 7.3 3441-2	Radiological Survey Northern Marshall Islands Report	VP-1 aircraft assigned as directed CJTF SEVEN	Beginning H plus 6 hours	Annex G, para 4.b.(5)(e)

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Appendix 1 to Annex Q, Administrative Plan
REPORTS REQUIRED BY CTG 7.3

<u>Report Symbol</u>	<u>Description</u>	<u>Submitted by</u>	<u>Required</u>	<u>References</u>
TG 7.3 3441-3	Significant Fall-out Report (5 mr/hr)	All units to CTG 7.3	When occurring	Annex G, para 5.a.
TG 7.3 3441-4	Significant Fall-out When Clear - Report	All units to CTG 7.3	When occurring	Annex G, para 5.a.
TG 7.3 3441-5	Gamma Intensity Report	All units to CTG 7.3	When occurring	Annex G, Appendix 4, para 4.
TG 7.3 3441-6	Radioactive Fall-out Detection	All units to CTG 7.3	When occurring	Annex G, Appendix 4, para 9.e.
TG 7.3 3441-7	Exposure over Established MPE possible to personnel	Commanding Officers	When occurring	Annex G, Appendix 5, para 4.f.
TG 7.3 3441-8	Status of RADLSAFE Training - form will be furnished	All subordinate commands	10th of each month	Annex G, Appendix 6, para 1.a. and para 2.a.
TG 7.3 9673-1	Status of Radiac Equipment - form will be furnished	All subordinate commands	Prior to issue of instruments by CTG 7.3 at PFG and as directed	Annex G, Appendix 6, para 1.b. and para 2.b.
TG 7.3 9900-1	Initial Test of Water Washdown System - letter report to include evaluation of coverage and any defects noted	All ships	When occurring	Annex G, Appendix 6, para 1.c. and para 2.c.

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Appendix 1 to Annex Q, Administrative Plan
REPORTS REQUIRED BY CTG 7.3

<u>Report Symbol</u>	<u>Description</u>	<u>Submitted by</u>	<u>Required</u>	<u>References</u>
TG 7.3 9900-2	Inability to obtain Required or Desired RADSAFE Equipment or Materials - letter report concerning inability to obtain protective clothing, decontamination material, radiac batteries and spare parts, etc. No report is desired concerning allowed radiac instruments.	All subordinate commands	When occurring	Annex G, Appendix 6, para 1.d. and para 2.d.
TG 7.3 6470-1	List of Personnel receiving film badges as contained in CTG 7.3 OpOrder	All subordinate commands	As directed by CTG 7.3	Annex G, Appendix 1 and Appendix 6, para 1.e.
TG 7.3 3441-9	Radioactive Fall-out Report	All subordinate Commands	For one week following each shot	Annex G, Appendix 6, para 1.f. and para 2.f.
TG 7.3 3441-10	Summary of contamination experienced from <u> </u> shot. Form will be furnished	All ships	One week after each shot. Negative reports are desired	Annex G, Appendix 6, para 1.g. and para 2.g.
TG 7.3 3441-11	Contamination of equipment and exposure of personnel	All subordinate commands	When occurring	Annex G, Appendix 6, para 1.h. and para 2.h.
TG 7.3 5521-1	Request for Clearance	All subordinate commands	Prior to departure from PPG	Annex G, Appendix 6, para 1.j. and 2.j.
TG 7.3 3441-12	Final Radiological Safety Report	All subordinate commands	Within 10 days after last shot	Annex G, Appendix 6, para 1.k. and para 2.k.

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Appendix 1 to Annex Q, Administrative Plan
REPORTS REQUIRED BY CTG 7.3

<u>Report/ Symbol</u>	<u>Description</u>	<u>Submitted by</u>	<u>Required</u>	<u>References</u>
TG 7.3 9820-1	Small Craft Operation	CTE 7.3.7.2 CTE 7.3.7.3	Monthly (last day)	Annex H, para 3.d.(3) (b)4.
TG 7.3 3180-2	Request for Fueling Facilities	Commanding Officers, Small Units	On D-1 when fuel capacity below 80%	Annex K, para 4.d.
TG 7.3 1080-1	Muster Reprts (pre-shot evacuation) via CTG 7.3 Admin. Net (voice)	All units	When occurring	Annex K, para 8.e. and para 8.t.
TG 7.3 3140-1	Hourly Surface Weather Observa- tions	CTU 7.3.0 to TF Weather Central	Hourly	Annex L, para 1.a.(1)
TG 7.3 3140-2	Special Weather Observations	CTU 7.3.0 CTU 7.3.8 CTU 7.3.4 CTU 7.3.3	When directed	Annex L, para 1.a.(4), 1.b.(2), 1.d.(2) 1.e.(1)(2) & (3)
TG 7.3 3140-3	Hourly Surface Weather Observa- tions	CTU 7.3.8 to TF Weather Central	Hourly	Annex L, para 1.b.(1)
TG 7.3 3140-4	Upper Air Soundings	CTU 7.3.8 to TF Weather Central	Twice daily	Annex L, para 1.b.(1)
TG 7.3 3140-5	Patrol Aircraft Weather Observa- tion	Patrol Aircraft to CTU 7.3.4	Hourly	Annex L, para 1.d.(1)
TG 7.3 3124-1	Patrol Aircraft Departure Report	Patrol Aircraft to CTU 7.3.4	When occurring	Annex N, Appendix 2, para 5.a.

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Appendix 1 to Annex Q, Administrative Plan
REPORTS REQUIRED BY CTG 7.3

<u>Report Symbol</u>	<u>Description</u>	<u>Submitted by</u>	<u>Required</u>	<u>References</u>
TG 7.3 3124-2	Patrol Aircraft Arrival Report	Patrol Aircraft to CTU 7.3.4	When occurring	Annex N, Appendix 2, para 5.b.
TG 7.3 3124-3	Patrol Aircraft Position Reports	Patrol Aircraft to CTU 7.3.4	Hourly	Annex N, Appendix 2, para 5.c.
TG 7.3 3124-4	Patrol Aircraft Penetration of Control Area	Patrol Aircraft to CTU 7.3.4	Prior to Penetration	Annex N, Appendix 2, para 5.d.
TG 7.3 3300-1	Contact Report	Unit making contact	When occurring	Annex N, Appendices 2 and 3
TG 7.3 3300-2	Sonar Message (with noon fuel report)	Commanding Officers, Surface Patrol	Noon daily	Annex N, Appendix 1, para 10.
TG 7.3 1088-2	Personnel Casualty Report	Unit in which casualty occurs	When occurring	Annex Q, para 1.j.(1)

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