

AD-A280 307 97 22 01 10 10



DTIC

①

Headquarters, Joint Task Force SEVEN
APO 437, San Francisco, California
15 July 1958

DNA

Operation Order 39-58 (PISONIA Event)

1. SITUATION

- a. Information and instructions contained herein supplement JTF SEVEN Operation Order 1-58, dated 1 October 1957, with changes thereto.
- b. PISONIA will be detonated on a barge off YVONNE Island in the ENIWETOK Atoll. The date and time of detonation will be announced later.
- c. All personnel except those authorized to man stations at BRUCE will be located on FRED, ELMER and DAVID Islands. See Appendix 39 attached for evacuation instructions.
- d. Post-shot cloud sampling, radar cloud tracking, radsafe re-entry reconnaissance and barrier patrols will be necessary. Search of the hazardous area will commence on D-2. Search areas will be delineated by this Headquarters on D-3 and D-2.
- e. The overpressures, thermal energy and wave heights resulting from PISONIA at Sites BRUCE, DAVID, ELMER and FRED are expected to approach but not exceed the following values:

<u>SITE</u>	<u>OVERPRESSURE (PSI)</u>	<u>CAL/CM²</u>	<u>WAVE HEIGHT</u>
BRUCE	[REDACTED]	[REDACTED]	Negligible
DAVID	[REDACTED]	[REDACTED]	Negligible
ELMER (Air strip)	[REDACTED]	[REDACTED]	Negligible
FRED (Control tower)	[REDACTED]	[REDACTED]	Negligible

SPECIFIC INSTRUCTIONS

a. TG 7.1

Position the PISONIA device on a barge off YVONNE Island in the ENIWETOK Atoll.

b. TG 7.4

- (1) Provide cloud sampling aircraft as required.
- (2) Pass radsafe information obtained from cloud sampling aircraft to JTF SEVEN RadSafe Office.
- (3) Report to CJTF SEVEN, at H minus 20 minutes, the percentage of assigned cloud sampling missions expected to be accomplished.

3. GENERAL INSTRUCTIONS

- a. All personnel located at ENIWETOK Atoll are within viewing distance of the PISONIA fireball and consequently are susceptible to eye damage. Therefore, all personnel who are not supplied with protective goggles will turn away from the detonation point and close their eyes during time of burst. At least ten seconds should be allowed before looking at the burst.

DECLASSIFIED WITH DELETIONS BY CHIEF, ISCM

[Handwritten signature and scribbles]

66A326A-2

94-15070



[Handwritten notes: 9/20/11, 10]

b. The JTF SEVEN CHECK LIST - BIKINI and ENIWETOK EVENTS, dated 10 May 1958, is changed as follows for PISONIA Event:

(1) Delete the following items: 5, 6, 11, 13, 14, 15, 33, 38, 39 and 42.

(2) Change the following items to read as indicated below:

<u>ITEM</u>	<u>DAY</u>	<u>HOOR</u>	<u>EVENT</u>	<u>ACTION</u>
10.	Sare	Sare	CJTF-7 passes instructions to CTG 7.3 concerning Radsafe barrier patrol flight in the vicinity of the shot site.	Ensure that these instructions are passed to TG 7.3. (RadSafe is resp.)
16.	D-Day	Early	Sare	Sare
22.	D-1	2030	Sare	Sare
23.	D-1	1900	Sare	Sare
34.	Sare	Sare	TG 7.1 commence radsafe and damage survey.	RadSafe Off monitors this event.

(3) Add the following item to read as indicated below:

<u>ITEM</u>	<u>DAY</u>	<u>HOOR</u>	<u>EVENT</u>	<u>ACTION</u>
8a.	D-1	1500	CJTF-7 submit air hazard area to CAA.	Ensure that advisory is dispatched. (RadSafe is resp.)
26a.	D-Day	H-20min	CTG 7.4 reports readiness to accomplish cloud sampling.	TG 7.4 reports percent of readiness.

4. COMMAND

a. Command of the operation will be exercised by CJTF SEVEN from the JTF SEVEN Command Post on ELMER Island.

b. Task Group Command Post locations:

- (1) CTG 7.1 ELMER Island.
- (2) CTG 7.2 FRED Island.
- (3) CTG 7.3 ELMER Island.
- (4) CTG 7.4 FRED Island.
- (5) CTG 7.5 ELMER Island.

5. COMMUNICATIONS

a. The frequencies authorized for use during PISONIA are listed in Annex A attached hereto. Circuits and frequencies listed in paragraph 1 may operate without restriction with the following exceptions:

- (1) J-123; MK-25 radar used for weather balloon tracking: keep antennas elevated whenever transmitter is on.
 - (2) J-418.2; GCA search at FRED. From H-15 minutes to H plus 5 minutes, direct antenna down runway in the south quadrant.
 - (3) J-196.1; AN/CPS-9 at FRED. Used for cloud tracking. Remain silent from H minus 15 minutes to H plus 30 seconds.
- b. The time-count-down will be provided as outlined in SCI 10-14, paragraph 6a, 6d and 6e.
 - c. General instructions contained in paragraph 7b, part 4 of Annex "I" to JTF SEVEN Operation Order 1-58 applies.
 - d. The radio silence period for PISONIA is from H minus 3 minutes to H plus 2 minutes. All frequencies and communications systems not listed in Annex "A" hereto will be shut down during this radio silence period.

ADDENDA:

Annex A, Frequency Plan
 PISONIA Event
 Appendix 39 to Annex N,
 Emergency & Routine Evac
 and Re-entry Plan

A. R. LUEDECKE
 Major General, USAF
 Commander

DISTRIBUTION:

CTG 7.1 (25)
 CTG 7.2 (5)
 CTG 7.3 (25)
 CTG 7.4 (10)
 CTG 7.5 (12)
 TG 7.3 Det (3)

OFFICIAL:

F. W. Snyder
 F. W. SNYDER
 Commander, USN
 ACoS, J-3

Approved	<input checked="" type="checkbox"/>
Reviewed	<input type="checkbox"/>
Disseminated	<input type="checkbox"/>
Justification	
By	
Distribution	
Availability Code	
Availability	
Special	

A-1

UNCLASSIFIED

Headquarters Joint Task Force SEVEN
 APO 437, San Francisco, California
 26 June 1958

Annex A to Joint Task Force SEVEN OpO 39-58 (PISONIA EVENT)
FREQUENCY PLAN-PISONIA EVENT

1. The following circuits and frequencies are authorized to operate during the "Radio Silence" period from H-3 to H+2 minutes for PISONIA EVENT:

<u>"J"</u>	<u>FREQUENCY</u>	<u>PROJ OR TG</u>	<u>TX LOCATION</u>	<u>REMARKS</u>
J-101	906 mc 952 mc	TG 7.5 " "	NAN ELMER	Tropo "
J-122	1285 mc	WADC	NAN	AN/SPS-6
J-133.3 .7	153.89 mc 158.51 mc	TG 7.1 TU-5	ELMER ELMER	Count-down Radio Time #2
J-141	217 mc 225 mc	LASL "	ZERO SITE " "	(Diagnostic Telemeter)
J-145.1	164.375 mc 170.725 mc	TG 7.1 " "	ELMER "	(Command (Base) " (Mobile)
J-145.3	164.225 mc 167.825 mc	TU-1 "	ELMER "	TU-1 (Base) " (Mobile)
J-147.1	2700-2900 mc	Proj 5.1	FRED	AN/MSQ-1A
J-152	995 mc 1058 mc	NASWF "	FRED Acft	(TACAN ((to be used only in case of fail- ure of TG 7.4 (set))
J-158	9375 mc	TG 7.1, 7.4	Acft	Sec Position
J-174.1 .2	153.89 mc 243.0 mc	TG 7.1 " "	ELMER "	Count-down " "
J-184.2	3850 ± 50 mc 4050 ± 50 mc	Proj 34.1 " "	ZERO SITE " "	(Diagnostic Telemeter)
J-185	9375 mc	TU-5	ELMER	Wx Radar
J-188	9085 mc 9110 mc 9135 mc 9160 mc 9185 mc 9210 mc 9235 mc 9260 mc	Proj 5.2 " " Proj 5.3 " " " " " " Proj 5.2 " "	FRED Acft FRED Acft FRED Acft FRED Acft	Mk 33 Radar Beacon Mk 33 Radar Beacon Mk 33 Radar Beacon Mk 33 Radar Beacon

<u>Call</u>	<u>FREQUENCY</u>	<u>PROJ OR TG</u>	<u>TX LOCATION</u>	<u>REMARKS</u>
J-196.1	9317 ± 87 mc	Proj 6.6	FRED	AN/CPS-9
.2	" "	" "	KWAJALEIN	"
.3	" "	" "	RONGELAP	"
J-232	1895 mc	TG 7.2	FRED. DAVID	Microwave
	1855 mc	TG 7.5	ELMER	"
J-315	300.5 mc	TG 7.5	NAN	AN/TRC Ciphony
	322.5 mc	TG 7.3	BOXER	"
J-328	302.5 mc	TG 7.5	NAN	(AN/TRC to
	304.5 mc	" "	"	ships
	324.5 mc	TG 7.5	AINSWORTH	AN/TRC to NAN
	326.5 mc	TG 7.3	BOXER	AN/TRC to NAN
J-418.2	2780-2820 mc	TG 7.4	FRED	GCA Search
	9000-9160 mc	" "	"	GCA Approach
J-420.4	352 kc	TG 7.4	KAPINGAMARANGI	LF Homer
.5	308 kc	" "	KUSAIE	" "
.6	330 kc	" "	UTERIK	" "
J-421	1012 mc	TG 7.4	FRED	TACAN
	1077 mc	" "	Acft	"
J-422	1030 mc	TG 7.4	FRED	IFF
	1090 mc	" "	Acft	"
J-428	249.8 mc	TG 7.1, 7.4	FRED & ACFT	(Spec Control
	269.8 mc	" "	" "	(Silence H-5
	282.8 mc	" "	" "	(sec to "H"
	299.6 mc	" "	" "	" "
	310.6 mc	" "	" "	" "
	320.2 mc	" "	" "	" "
	325.6 mc	" "	" "	" "
	352.2 mc	" "	" "	" "
	353.0 mc	" "	" "	" "
	355.4 mc	" "	" "	" "
	369.8 mc	" "	" "	" "
	373.8 mc	" "	" "	" "
	381.8 mc	" "	" "	" "
	386.6 mc	" "	" "	" "
	387.4 mc	" "	" "	" "
(NOTE: Exact frequency plan to be derived jointly by TG 7.1 and TG 7.4)				
J-446.2	243.0 mc	TG 7.4	Weather Is.	
	238.4 mc	" "	" "	

2. The following circuits and frequencies are authorized to operate during the "silent period" only in case of emergency or urgent necessity:

J-115	52.1 mc	TG 7.5	Boat Pool, ELMER-NAN
J-159	143.10 mc 149.40 mc	TU-3	Air/Ground
J-221	41.9, 43.5 mc	TG 7.2, 7.5	Military Police

<u>"J"</u>	<u>FREQUENCY</u>	<u>PROJ OR TG</u>	<u>TX LOCATION</u>	<u>REMARKS</u>
J-301	277.8 mc 644.5 kc 274.4 kc 547.5 kc	TG 7.3	Tactical	
J-303	4062 kc 9117.5 kc	TG 7.3	Ship-Shore	
J-309	500 kc	All	Distress	
J-310	3023.5 kc	All	Search & Rescue	
J-311	121.5 mc 243.0 mc	All	Distress	
J-319A	5725.5 kc 9009.5 kc	TG 7.3	Aft Control & Report	
J-326	52.8 mc 51.6 mc 54.4 mc	TG 7.5, 7.3	Boats in distress	
J-327	236.6 mc	TG 7.3	Helicopters in distress, BIKINI	
J-331	52.4 mc	TG 7.3	RADSAFE	
J-412	173.575 mc	TG 7.4	Fire-Crash	
J-417	236.6, 257.0 mc 275.8, 243.0 mc 126.18, 121.5 mc	TG 7.4	Emergencies only	
J-432	165.125 mc	TG 7.4	Main Expeditor	
J-439	3247.5 kc 5145.0 kc 9062.5 kc 3340.0 kc 5227.0 kc 6780.0 kc 9270.0 kc 14,422.5 kc	TG 7.4	FRED	Microbarograph readings at H+2

<u>"J"</u>	<u>FREQUENCY</u>	<u>PROJ CR TG</u>	<u>TX LOCATION</u>	<u>REMARKS</u>
J-445	236.6 mc 243.0 mc 363.8 mc	TG 7.4	Aoft in distress	NAN Tower

3. Circuits and frequencies not specifically designated in paragraphs 1 or 2 will not be used during the "silent period". Where transmitters may be keyed accidentally, action will be taken to disable the transmitters during the "silent period".

OFFICIAL:

B. R. Peterson MAJ.
for HUGH A. VEST
Colonel GS
ACofS J-5

A. R. LUEDECKE
Major General, USAF
Commander

~~CONFIDENTIAL~~

Headquarters, Joint Task Force SEVEN
APO 437, San Francisco, California
15 July 1958

APPENDIX 39 to ANNEX N, EMERGENCY AND ROUTINE EVACUATION RE-ENTRY PLAN TO
JTF SEVEN OPERATION ORDER 1-58, dated 1 October 1957

1. Musters will be conducted at ENIWETOK and BIKINI Atolls for the PISONIA Event. A muster status report will be required at 1900 on D-1. Final reports will be made by Task Group Commanders as soon as evacuation or accounting of personnel of the Task Groups has been completed.
2. Task Group Commanders and the Headquarters, JTF SEVEN, Evacuation Officer will advise the JTF SEVEN Evacuation Officer regarding safety of personnel at H plus 20 minutes.
3. Re-entry hour will be established by CJTF SEVEN.
4. Allocation of ship space in the event of emergency evacuation will be contained in CTG 7.3 Operation Order for this event.

~~CONFIDENTIAL~~