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HEADQUARTERS  
JOINT TASK FORCE SEVEN  
APO 187 (HOW), c/o POSTMASTER  
SAN FRANCISCO, CALIF.

126032

J-3/S-162-54E

24 February 1954

SUBJECT: BRAVO Event

TO: Distribution

1. The date set for the detonation of BRAVO (B Day) is 1 March 1954. The scheduled time of detonation (H Hour) is 0645H.

2. The attached Operational Check List is directive in nature and emphasizes the critical items of CJTF SEVEN Operation Order No. 3-53.

3. Due to the short time interval between scheduled tests, it is imperative that a system be established to insure expeditious receipt of recommendations from each task group relative to the preparation of subsequent check lists. It is therefore requested that each task group submit recommendations to J-3 Division, this headquarters, ATTN: Major Moore, not later than 1200 hours D + 2 days.

4. The following administrative matters will apply:

a. Command Posts will open afloat as follows:

Hq, JTF SEVEN	- ESTES	- <sup>0930</sup> 1545, B-1 Day.
Hq, TG 7.1	- ESTES	- 1045, B-1 Day.
Hq, TG 7.3	- BLIRCKO	- Now Open
Hq, TG 7.4	- ESTES	- 1545, B-1 Day.
Hq, TG 7.5	- ESTES	- 1545, B-1 Day.

BY COMMAND OF MAJOR GENERAL CLARKSON:

*E. McGinley*

E. MCGINLEY  
Brigadier General, U.S. Army  
Chief of Staff

Incl:  
Operational Check List  
BRAVO Event

Copy No. 81 of 125 copies  
JTF SEVEN Log No. S-162-54E

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For J. E. Oyle 6-1-64  
(person authorizing change in classification) (Date)  
By Beverly D. Kelly 6-1-64  
(signature of person making the change and date)

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BY AUTHORITY OF DOE/OC

*Deez* 9/14/83  
REVIEWED BY DATE 2/12/06

J-3/S-162-54E  
SUBJECT: BRAVO Event

24 February 1954

<u>DISTRIBUTION:</u>	<u>COPY NO.</u>
CTG 7.1	1-10
CTG 7.2	11-15
CTG 7.3	16-60
CTG 7.4	61-70
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Chief of Staff	80
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Deputy for Air	82
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Per H. L. Cole 6-1-66  
(Name authorizing change in classification) (Date)  
By Reverend D. P. ... 6-1-66  
(Signature of person making the change, and date)

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HEADQUARTERS, Joint Task Force SEVEN  
APO 187 (HOW), c/o Postmaster  
San Francisco, California  
24 February 1954

OPERATIONAL CHECK LIST - BRAVO EVENT

Definitions:

- B Day Day on which BRAVO shot will be detonated
- H Hour Time of detonation for BRAVO shot
- R Hour Time on which general reentry operations are base after BRAVO shot
- \* Indicates action is required

Chronology of Events

<u>ITEM</u>	<u>DAY</u>	<u>HOOR</u>	<u>EVENT</u>	<u>REMARKS</u>
1	B-5	0730	TG 7.2 conducts ground security sweep of Bikini Atoll by LCM	J-2 monitor
2	B-5		Reduction of Bikini camp sites begins	
3	B-5	0900 1000	TG 7.1 initiates voice time broadcast with 1000 hours as ZERO	
4	B-5		CJTJF confirms B Day and H Hour and issues execute order for BRAVO. Message to TG commanders to state date and hour of detonation	J-3 monitor
5	B-5		First advisory to DEPTAR and AEC on proposed shot time (GCT)	J-3 monitor
6	B-5		Message to CINCPAC to include anticipated time (GCT) of detonation and information relative to closing of Eniwetok and Bikini airstrips	J-3 action
7	B-4	0700	Official observers depart Wash., D.C.	
8	B-4	0900 1000	TG 7.1 initiates voice time broadcast with 1000 hours as ZERO	
*9	B-4	1900	All TGs report readiness to CJTF SEVEN	J-3 monitor
10	B-4	1900	Practice musters conducted by TG 7.5 at Bikini	J-4 monitor

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Per H. L. Calkins 6-1-6  
(Person authorizing change in classification) (Date)  
By George H. H. H. H. 6-1-6  
(Signature of person making the change and date)

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DAY	HOUR	EVENT	REMARKS
11	B-4 2350	Official observers depart Travis AFB; ETA Hickam - 0800, B-3	
12	B-3	Final meeting to determine positioning in space of test aircraft (CTG 7.1, CTG 7.4 and JTF SEVEN Scientific Director attending)	
13	B-3 0400	APACHE and SIOUX begin laying fall-out buoys	
14	B-3	TG 7.2 commences ground and air sweep of Eniwetok Atoll, to terminate on B-2	
15	B-3 0900 1000	TG 7.1 initiates voice time broadcast with 1000 hours as ZERO	
16	B-3 1600	Task Force Weather Central transfers operations from Eniwetok Island to ESTES	
17	B-3 1700	CJTF SEVEN's staff and TG commanders board ESTES at Eniwetok	
18	B-3 1730	ESTES underway for Bikini; ETA 0730, B-2	
19	B-3 2000	Pass request to CTG 7.3 reference significant sector for P2V security sweep on B-2 days	J-3 action
20	B-3 2300	Official observers depart Hickam; ETA Eniwetok - 0700, B-2	
21	B-2 0600	TG 7.3 commence 24 hour coverage with on P2V on patrol continuously	
22	B-2 0630	CTG 7.3 dispatches one P2V to search significant sectors out to 800 miles	
23	B-2 0700	Official observers arrive Eniwetok	
24	B-2 0730	ESTES arrives at Bikini; enters lagoon and moors at Buoy TX	CLASSIFICATION CANCELLED PER DOC REVIEW JAN. 1973
25	B-2 0800	AINSWORTH, BAIROKO and ESTES off TARE, CURTISS off CHARLIE - commence to receive passengers	
26	B-2 0900 0800	Official observers briefed	
27	B-2 0900	Weather outlook for shot day sent by message to CJTF	J-3 action
28	B-2 0900 1000	TG 7.1 initiates voice time broadcast with 1000 hours as ZERO	

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*[Signature]* 6-1-66  
 (Name and position of person making the change, and date)

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 (Name and position of person making the change, and date)

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DAY	HOOR	EVENT	REMARKS
29	B-2	1000	Three (3) EBDA aircraft arrive at Eniwetok from Guam
30	<del>B-2</del> B-1	<del>1030</del> 0815	Official observers depart Eniwetok for tour of Bikini
31	B-2	1100	RadSafe Center operational on USS BAIROKO
32	<del>B-2</del> B-1	<del>1145</del> 1100	Official observers arrive at Bikini and are conducted on tour of shot site
33	B-2	1200	Commence moving helicopters and L-13 aircraft aboard the BAIROKO
34	B-2	1500	Last time signal run conducted TG 7.1
35	<del>B-2</del> B-1	<del>1530</del> 1200	Official observers depart Bikini for Eniwetok; ETA Parry Island - 16001530
36	B-2	1700	Three (3) sample return aircraft arrive Eniwetok
37	B-2	1800	APACHE and SIOUX begin laying fall-out buoys
38	B-2	H-36 Hrs (1800)	First command briefing, presentation of existing hodograph and transit ship plot. Execute order confirmed. J-3 action
39	B-2	1800	Personnel muster conducted at Bikini. J-4 monitor
40	B-2	2000	Pass request to CTG 7.3 reference significant sector for P2V security sweep on B-1 day
41	B-1	0630	TG 7.3 dispatch one P2V to search significant areas out to 600 miles
42	B-1	H-24 Hrs	CJTF notifies PACDIVMATS 24 hours in advance as to any changes in flyaway of sample return. Advance information to include passenger list, weight and cube and destination. Pre-departure messages on Flyaway to LNO Hickam and Travis, CJTF SEVEN (Rear) and PACDIVMATS. J-3 action
*43	B-1	0800	CTG 7.4 and CTG 7.3 report readiness of aircraft to CJTF SEVEN. J-3 monitor

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For *F. E. Ogilvie* 6-16-66  
 (Print name, change in classification) (Date)  
 By *Edward N. Phillips*  
 (Signature of person making the change, and date)

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ITEM	DAY	HOUR	EVENT	REMARKS
44	B-1	0900	One helicopter dispatched from CVE to pick up MPs on TARE; then for security sweep of all uninhabited islands of Bikini	
45	B-1	0930	CTF boards ESTES Last C-47 flight departs Bikini and C-47 inter-atoll airlift operations are discontinued	J-3 monitor
46	B-1	1030	TG 7.3 ships commence to move to berth, vicinity NAN	
47	B-1	1100	USS RENSHAW departs Eniwetok for control DDE position	
48	B-1	1100	Second command briefing to include weather, existing and forecasted hodograph, 72 hour air particle trajectory forecast, and transit ship plots. Execute order confirmed	J-3 action
49	B-1	1130	Forecast air and surface radexes for H Hour to H+6 hours. Pass info to TG commanders and recommend ship positions to CTG 7.3	J-3 action
50	B-1	1200	USS NICHOLAS underway and begin patrol north and west of FOX - distance 6 miles from reef	
51	B-1	1200	Notify Balloon Unit on CURTISS to launch balloons at 2200M	J-3 action
52	B-1	1200	Personnel evacuation complete on all Bikini islands except NAN and a skeleton TU 4 and TU 1 team on CHARLIE	J-4 monitor
53	B-1	1200	YAGs and MOLALA depart Bikini via Enirikku Pass	
54	B-1	H-18 Hrs (1245)	Second advisory to CINCPAC to forecast atomic cloud trajectories for initial 72-hour period after detonation. Rad. Safe outlook for native populated islands (particularly UJELANG) and anticipated radiological effect on air and surface routes, including recommendations relative to closing routes	J-3 action
55	B-1	1300	Firing party detachment, in 2 helicopters, proceeds from NAN to CHARLIE with stops at Bikini and AOMON	

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*J. J. Ogle* 5-1-66  
*Barry R. Phittely* 6-1-69

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<u>DAY</u>	<u>HOUR</u>	<u>EVENT</u>	<u>REMARKS</u>
B-1	1300	All ships not anchored off NAN withdraw twenty miles from ZERO point	
57 B-1	1330	Task Groups report to CJTF the status of personnel accounting	J-4 monitor
58 B-1	1400	Balloon Control Unit on CURTISS notifies CJTF of ability to launch	J-3 monitor
59 B-1	1400	<del>CTG</del> and CTG 7.4 depart Eniwetok for Bikini	
60 B-1	1420	Helicopter departs CHARLIE for NAN with four (4) TU 4, one (1) TU 1 and one (1) J-6 personnel aboard	
61 B-1	1420	CTG 7.1 requests permission of CJTF to complete nuclear insertion	
62 B-1	1500	<del>CTG</del> and CTG 7.4 arrive Bikini	
63 B-1	1530	<del>CTG</del> and CTG 7.4 move by helicopter from TARE airstrip to ESTES	
64 B-1	1500 1545	CTG 7.1 requests permission of CJTF to arm BRAVO	
65 B-1	1545	Last increment of TG 7.4 airstrip personnel move from TARE airstrip to BAIROKO	
66 B-1	1630	Arming is accomplished and last increment of firing party departs shot island, via helicopter, to NAN	J-3 monitor
*67 B-1	1730	CTG 7.3 reports all helicopters aboard the BAIROKO	J-3 monitor
48 B-1	1740	LSD underway to sea for assigned operating area. Rendezvous with LCUs and proceed in company	
69 B-1	1750	CURTISS underway and proceed assigned operating area at sea	
70 B-1	1800	Notify CJTF of confirmation or changes to 1100 Weather Briefing	J-3 action
71 B-1	1800	BAIROKO underway and proceed to assigned operating area at sea	

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*F. L. Ogilvie* 6-1-66  
(Person authorizing change in classification) (Date)

*Walter D. H. [unclear]* 6-1-66  
(Signature of person making the change, and date)

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<u>ITEM</u>	<u>DAY</u>	<u>HOUR</u>	<u>EVENT</u>	<u>REMARKS</u>
72	B-1	1800	Task Groups report results of final muster to Task Force Evacuation Officer	J-4 monitor
73	B-1	1800	Notify CINCPACFLT that one constant altitude balloon will be launched	J-3 action
74	B-1	1810	ESTES, last TG 7.3 ship in lagoon, underway and proceed to assigned operating area at sea	
*75	B-1	1900	CTG 7.3 reports all ships clear of Bikini lagoon	J-3 monitor
76	B-1	2000	Reports of final muster submitted to CJTF SEVEN by Task Force Evacuation Officer	J-4 action
*77	B-1	2000	NICHOLAS departs CHARLIE area	
*78	B-1	2000	Two (2) ATFs reported clear of down wind danger area	
79	B-1	.	Second advisory to DEPTAR and AEC as to proposed shot time (GCT)	J-3 action
80	B-1	2000	Request CTG 7.3 to conduct significant P2V security sweep on B Day, if required	J-3 action
81	B-1	H-8 Hrs	Pass directive to CTG 7.4 reference flight #1, WB-29 cloud tracking	J-3 action
82	B-1	2200	Balloon Unit on CURTISS launches constant altitude balloons	J-3 monitor
83	B Day	0000	Third and final command briefing with presentation of existing and forecasted hodograph, 72 hour trajectories and transit ship plots. Execute order confirmed	J-3 action
84	B Day	H-5 Hrs	Modify forecast air and surface radexes for H Hour to H+6 hours, if required	J-3 action
85	B Day	0200	One (1) SA-16, one (1) helicopter and one (1) AVH establish and maintain local SAR alert at Eniwetok	
86	B Day	0200	CTG 7.3 have one HRS ready to accomplish evacuation of crew aircraft required to make emergency landing at TARE	J-3 action

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(Date of authorizing change in classification) (Date)  
By... 6-1-66  
(Signature of person making the change, and date)

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ITEM	DAY	HOOR	EVENT	REMARKS
87	B Day		Aircraft take-offs commence	J-3 monitor
88	B Day	H-3 Hrs	Final execute confirmation. Pass to TG commanders	J-3 action
89	B Day	H-3 Hrs	Informal weather briefing, confirmation of midnight briefing	J-3 action
90	B Day	0420 H-3 Hrs	Last official observer aircraft departs Eniwetok to observe shot	
*91	B Day	H-2 Hrs	MOLAIIA remove crews from YAGs and proceed to shot station	J-3 monitor
92	B Day	H-1 1/2 Hrs	Last TG 7.3 patrol aircraft lands at Kwajalein	
*93	B Day	H-1 1/2 Hrs	CTG 7.3 report danger area and significant sector clear	J-3 monitor
94	B Day	H-1 Hr	CTG 7.1 requests permission from CJTF to fire on schedule	J-3 monitor
*95	B Day	H-1 Hr	CTG 7.3 reports all ships on station to CJTF SEVEN	J-3 monitor
96	B Day	H-30 Min	Official observer aircraft arrives at orbit station	
*97	B Day	H-10 Min	CTG 7.3 reports to AOC on ESTES that TG 7.3 aircraft are on station	J-3 monitor
*98	B Day	H-4 Min	CTG 7.4 reports to JOC on ESTES that all aircraft are properly positioned	J-3 monitor
99	B Day	H HOUR (0645)	DETONATION	
100	B Day	H Hr to H/4 Hrs	Radsafe telemeter information from TARE and critical sites continuously monitored by TU 7 and results reported periodically to CJTF SEVEN	J-3 action
101	B Day	H/5 Min	CTG 7.1 makes check as to safety of NAN group and reports to CJTF	J-3 monitor
102	B Day	H/30 Min	One helicopter to depart for TARE airstrip with six (6) airstrip operations personnel and remain with party	
103	B Day	H/30 Min	Two helicopters to go to NAN, one via the ESTAS. One of these will remain with party	

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(Name and title change in parentheses) (date)  
Beverly D. Phillips 6-1-66  
(Signature of person making the change, and date)

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TIME	DAY	HOUR	EVENT	REMARKS
104	B Day	H/30 Min	CTG 7.4 reports to JOC on ESTES the status of NAN homer.	J-3 monitor
105	B Day	H/30 Min	Dispatch to DEPTAR and AEC giving exact time (GCT) of detonation, general statement as to results and info concerning safety of personnel	J-3 action
106	B Day	H/30 Min	Disptach to CINCPAC providing exact time (GCT) of detonation and information concerning safety of personnel	J-3 action
107	B Day	H/1 Hr	TG 7.3 ships, except YAG group, commence closing on Bikini Atoll if radiological situation permits	
108	B Day	H/1 Hr	Official observer aircraft departs shot area for Kwajalein	
109	B Day	H/3 Hrs	Dispatch modified air and surface radex to TG commanders	J-3 action
110	B Day	H/4 Hrs	Pass directive to CTG 7.4 reference flight #2, WB-29 cloud tracking	J-3 action
111	B Day	H/4 Hrs	CJTF SEVEN directs CTG 7.1 to conduct damage and radSAFE survey of all islands of Bikini and directs recovery in areas of low contamination	J-3 action
112	B Day	H/4 Hrs	CJTF SEVEN directs CTG 7.3 to conduct helicopter lagoon water sampling at TAHE anchorages	J-3 action
113	B Day	H/4 Hrs	Advise CJTF relative to Eniwetok, Ujelang and other populated atolls requirements for emergency evacuation	J-3 action
*114	B Day	H/5 Hrs	TG 7.1 RadSafe Center in BAIROKO reports initial atoll survey results to CJTF	
115	B Day	H/6 Hrs	Special CINCPAC advisory dispatched if native evacuation problems arise or trade routes are affected for more than 24 hours	J-3 action
116	B Day	H/9 Hrs	First and second sample return flights depart Eniwetok	J-3 monitor
117	B Day		CJTF SEVEN announces R Hour	J-3 action

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THE FOLLOWING REENTRY SEQUENCE OF EVENTS WILL APPLY AS RADIOLOGICAL SITUATION PERMITS

	<u>DAY</u>	<u>HOOR</u>	<u>EVENT</u>	<u>REMARKS</u>
118	B Day	R Hour	TG 7.3 ships commences entering Bikini lagoon	
119	B Day	R/50 Min	ESTES enter lagoon and anchor off NAN	
120	B Day	R/1 Hr	Commence boat pool operations with two (2) LCHS per ship to transfer personnel to NAN and TARE only	
121	B Day	R/1 1/2 Hrs	Commence boat pool service to all islands declared safe	
122	B Day	2000	Same dispatch to DEPTAR, AEC and CLNCPAC as for H/30 minutes	
123	B Day	2230	CTG 7.4 advised of tracks for third WB-29 cloud tracking mission	
124	B/1	0900	Helicopter flights and boat trips to secure surface and 90' depth water samples at fifteen (15) locations.	
125	B/1	1700	ESTES underway and proceed to Eniwetok	
126	B/1	H/28 Hrs	CTG 7.4 advised as to tracks for fourth WB-29 cloud tracking mission	

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