

A-91-048
40-10

COMMANDER TASK GROUP 7.1
U.S.S. ALBEMARLE (AV-5)
c/o Fleet Post Office
San Francisco, California

26 April 1948

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CTG 7.1 MEMORANDUM NO. 22

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This document consists of 10 page
No. 4 of 19 copies. Series

Subjects: Task Group 7.1 operations from Yoke minus three to Yoke plus three days.

| ITEM | DAY | TIME | EVENT |
|-------|---------|--------------------------------|--|
| 1. | Yoke -3 | 0800 - 1800 | DUKW available for use by Shonka at Acman. |
| 2. | | 0800 | LGT 1345 evacuates vehicles from Zero Island except those evacuated by LGT 1345 on Yoke and three jeeps and one weapons carrier which remain behind blast hut and tank revetment and one jeep to be loaded on LOVP. Benson supervises. |
| ----- | | | |
| 3. | Yoke -2 | 0630 | LGT 1194 comes along side AV-4 port quarter under Crane #2 and when loaded shoves off for beach carrying loaded trailer and required personnel. (LGT 1345 is to be emergency standby for LGT 1194 during this operation). |
| 4. | | 0715 | LGT 1194 leaves beach at approximately this time and anchors in its usual location in the lagoon, off Acman. |
| 5. | | 0800 - 1300 (approximately) | DUKW available for use by Shonka at Acman. |
| 6. | | 0800 | Photo tower teams depart AV-4 by LCPL for Coral Head and Runit Towers. Boat returns to AV-4. |
| 7. | | 0800 | Boat pool LCM with trailer leaves Acman for Runit carrying equipment for Hartmann. |
| 8. | | 0900 - 0930 | Last test signal dry run. |
| 9. | | 1300 | LCM #24 leaves AV-4 for Acman and return to AV-4 about 1500, as required by Dr. Bowman. |
| 10. | | 1300 | Two DUKW's to be stationed at Aeraanbiru Island near beacon "K" by TG 7.2. Will be used on Yoke day in the event jeeps on Zero Island are inoperable. |
| 11. | | 1730 (estimated) | LGT 1194 will beach as requested by the tower handling crew. Vehicles, equipment and personnel will be loaded and leave at approximately 1800 for the beach at the |

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| <u>ITEM</u> | <u>DAY</u> | <u>TIME</u> | <u>EVENT</u> |
|-------------|-------------------------------|-------------------------|--|
| 11. | Yoke -2 (Cont'd.)(Cont'd.) | 1730 (estimated) | direction of Mr. Henderson. The LCT will tie up to the port quarter of the AV-4 for unloading of equipment and personnel. LCT remains tied up to the AV-4 until following morning. |
| 12. | Yoke -1 | 0600 - 1200 | AV-4 and AV-5 run regular boat schedule to Aoman, and boats as requested by CTG 7.1 to other ships anchored off Aoman. |
| 13. | | 0600 | Preliminary muster of all Task Group 7.1 personnel by muster chiefs. |
| 14. | | 0700 | Muster captains report on 0600 muster to Kelly on AV-5. |
| 15. | | 0700 | AV-4 LCPL with Mr. Brixner depart AV-4 for Runit, then at 0830 proceed to Coral Head Tower. At 1000 boat departs Coral Head with Photo Crew and proceeds to Runit. It then evacuates Runit Photo Tower Crew and skip hoist operator, Sgt. P.L. Monroe. Boat return to AV-4 with above crews arriving at 1130. (Times approximate). |
| 16. | | 0800 - 1200 | AV-5 LCVP standby at south beach on Biijiri for trips between Biijiri and Rojoa as requested by Shonka. On completion LCVP returns to AV-5. |
| 17. | | 0800 | LCM #24 proceeds from AV-4 to Eniwetok under the direction of Dr. Bowman. |
| 18. | | 0830 | LCT 1345 beaches on Aoman to pick up vehicles that are to be evacuated. |
| 19. | | 0900 | Kelly submits to Commander Joint Task Force SEVEN a consolidated radio report of 0600 Task Group 7.1 muster. |
| 20. | | | Boat leaves AV-4 for CVE with Knights. Boat returns immediately. |
| 21. | | 1000 (approximately) | LCT 1345 carrying vehicles shoves off from Aoman for Eniwetok when released by Dr. Graves; Dr. Graves will be advised by LT Hopkins of tide condition. LCT 1345 proceeds to her assigned berth off Eniwetok and anchors. AV-4 LCPL takes LCT crew to AV-4. |
| 22. | | 1000 | LCT 1194 stands by at Aoman until 1000 (approximately) to assist LCT 1345 in getting |

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|-------------|-------------------------------|-------------|--|
| 22. | Toke -1 (Cont'd.)(Cont'd.) | 1000 | off beach if necessary. When LCT 1345 has shoved off, LCT 1194 departs for Eniwetok to unload trailer carrying 50 KW diesel generator and two (2) electric hoists. Eniwetok Island Commander personnel remove trailer and two (2) electric hoists to AEC warehouse. LCT then anchors in assigned berth. AV-4 LCPL takes LCT crew to AV-4 |
| 23. | | 1045 | Russell and Froman leave for AGC-7. |
| 24. | | 1100 | Russell and Froman attend meeting on AGC-7. Advise Commission and Los Alamos Laboratory of decision to proceed with tests. |
| 25. | | 1145 | Two AV-4 LCPL's leave AV-4 for Zero Island to evacuate guards to AV-4. |
| 26. | | 1215 | Preuss and Graves leave AV-5 for Zero Island. <u>This is last boat to Zero Island.</u> |
| 27. | | 1230 | <u>Last boat leaves Zero Island for AV-5 via AV-4.</u> |
| 28. | | 1300 | Graves reports to Froman Zero Island cleared of all personnel except AVR party. |
| 29. | | 1330 | Mustering of all personnel at assigned stations prior to sailing of vessels. Kelly reports by telephone or voice radio to Russell in Mt. McKinley that all Task Group 7.1 personnel have left all islands except Eniwetok, Parry and Zero Island. A parallel report is made by despatch to CJTF-7. |
| 30. | | 1345 | Load jeep into LCVP. LCVP remain in vicinity of boat landing at Aoman. |
| 31. | | 1345 | AVR No. 38 and AVR No. 53 arrive at Zero Island. |
| 32. | | 1400 | Graves reports to Froman results of inspection of Zero Tower, Timing Station, and AVR muster. |
| 33. | | | AVR's depart from Zero Island for Runit. Graves and party aboard AVR No. 38. AVR No. 53 remains in company to assist in emergency. Both LCVP's with crews embarked on beach moor to float off Bifjiri. |

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|-------------|----------------------|--------------------------|---|
| 34. | Yoke -1 (Cont'd.) | 1400 - 1500 | Vessels leave Zero Island anchorage for anchorage near entrance to lagoon and remain there until after H-hour. |
| 35. | | 1500 | Graves reports to Froman on AGC-7 regarding inspection of Runit Timing Stations. |
| 36. | | 1600 | Los Alamos section leaders and liaison men make reports to Froman, Kelly or Treibel in accordance with LAB-J-W-56. |
| 37. | | | Graves reports to Froman on AGC-7 on Parry Control Station check. |
| 38. | | 1635 (approximately) | AV-5 LCPL departs ship with personnel for Parry Island. Stops at AV-4 for passengers and at CVE to discharge Linenberger party and pick up monitors. After discharging passengers at Parry, boat returns to AV-5. |
| 39. | | 1635 | Upon arrival of AV-4 at berth off Parry, AV LCPL takes photographic party to Eniwetok and returns immediately. Boat will proceed to Eniwetok via AV-5. |
| 40. | | 1800 - 1900 | One LCVP proceed from float off Biijiri to standby at south beach on Biijiri for use by Shonka. On completion LCVP return to float off Biijiri to await return of AVR. |
| 41. | | 1800 | AVR's No. 38 and 53 leave Parry for Zero Island carrying Graves party. |
| 42. | | | Final muster of all personnel by muster captains. |
| 43. | | 1900 | Muster captains report to Kelly on AV-5. |
| 44. | | 2000 - 2300 | Graves reports to Froman arrival at Aoman and beginning of timing circuit operations. Froman relay report to AV-5, phone Adams 446, and AV-4, phone Monroe 004. |
| 45. | | 2200 | LCVP with jeep on board accompanied by AVR proceed from Aoman to lighted mooring buoy miles south of Zero Tower. LCVP moor to buoy and crew remain in LCVP. AVR returns to Aoman. |
| 46. | | 2200 (not later than) | Kelly reports by radio or telephone to Commander Task Group 7.1 consolidated report of 1800 muster and makes report to CJTF-7 by despatch. |

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| <u>TIME</u> | <u>DAY</u> | <u>TIME</u> | <u>EVENT</u> |
|-------------|----------------------|--------------------|--|
| 47. | Yoke -1 (Cont'd.) | 2400 | Graves reports to Froman on Timing Stations. |
| 48. | Yoke | 0100 | Graves reports to Froman on Zero Tower Operations. |
| 49. | | 0200 | Graves takes muster of AVR's parties and reports to Froman. AVR's leave Aoman for Parry carrying all persons from Zero Island. <u>No one</u> remains on Zero Island. |
| 50. | | 0230 | LCVP moors to lighted mooring buoy 3 miles south of Zero Tower. Crews of both LCVP's proceed to Parry in AVR No. 38. |
| 51. | | 0330 | AVR 38 and AVR 53 arrive at Parry. Make check of Parry Control Station Operations. |
| 52. | | 0400 | Graves reports to Froman. Checks time with AGC-7. As many checks as desired may be made. |
| 53. | | H-1:10 | Preuss gives test broadcast signal. |
| 54. | | H-1:00 | Preuss requests clearance for minus one hour signal; if approved, signal is transmitted. Graves gives manual blast timing signal. |
| 55. | | H-30 min. | Preuss gives minus 30 minute voice signal. |
| 56. | | | Henderson gives minus 30 minute signal via telephone to Col. Henry or Col. Hatch. |
| 57. | | Prior to H-15 min. | Graves reports to Froman. Obtains clearance from Commander Joint Task Force SEVEN to start sequence timer at "H" minus 15 minutes. |
| 58. | | H-15 min. | Graves starts sequence timer. |
| 59. | | | Henderson gives signal to Col. Henry or Col. Hatch. |
| 60. | | H-10 min. | Preuss gives voice signal. |
| 61. | | | Henderson gives telephone signal to Col. Henry or Col. Hatch. |
| 62. | | H-1 min. | Preuss gives voice signal. |
| 63. | | H-30 sec. | Preuss transmits voice and signal. Power contactor closes. |

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|-------------|----------------|-------------|--|
| 64. | Yoke (Cont'd.) | H-20 sec. | Preuss transmits voice and goes |
| 65. | | H-10 sec. | Preuss transmits voice and goes |
| 66. | | H-5 sec. | Timing contactor closes. |
| 67. | | 0 | Firing contactor closes. Bomb |
| 68. | | H / 10 min. | LCM leaves Eniwetok via Mt. M. Coral Head Tower with Capt. H. evacuation crew. Pick up rep Col. Cullen at Mt. McKinley. of mission boat and party ret |
| 69. | | H / 10 min. | Sufficient helicopters deliver (Dodds, Linenberger, Carson, Wade and monitor) to winch at Biljiri Island to recover sam ground cable. Two helicopter by the winch for return of la samples to AV-5 accompanied b nel. Remaining personnel ret AVR with samples. Personnel ated for AV-5 will proceed to termination. |
| 70. | | Sunrise | Task Force ships leave H-hour Zero Island (on orders of Com Task Force SEVEN) in followin (H/1), AV-5 (H/2), AGC-7 (H/2 (H/2:30)). |
| 71. | | H / 10 min. | AVR No. 38 party with Preuss in AVR No. 53 depart for Zero Isla LCVP's at mooring buoy. |
| 72. | | | LAJ-3 party embarks in LCVP o Zero Island. |
| 73. | | | LCVP with DUKW crew and Capt LAJ-3 proceed to Aaraanbiru i |
| 74. | | | DUKW operators take DUKW's to AVR's and report to Preuss. |
| 75. | | | Shonka's party boards LCVP w: ceeds to Zero Island. |
| 76. | | 0645 | AV-4 LCPL transports LCT cret pective craft and returns |
| 77. | | H / 30 min. | AV-5 LCPL picks up Tas at Parry and returns. 5 Parry at 0715. |

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|-------------|----------------|--|---|
| 78. | Yoke (Cont'd.) | 0745 | Both LCT 1194 and 1345 shove off for Runit. |
| 79. | | | LCT 1194 anchors near AV-4 berth and LCT 1345 discharges vehicles on Runit beach before proceeding to berth alongside of LCT 1194. |
| 80. | | H / 1 hour | Drones land at Eniwetok and LAJ-2 party (Bowman, Spence, Gilmore, Brooks, Douglas, Masilek and Stanley) remove filters preparatory for air shipment. |
| 81. | | | Two planes with drone samples leave for Los Alamos. |
| 82. | | | One additional plane waits for ground samples from Zero Island. |
| 83. | | H / 80 min. | LAJ-5 party (Shonka's party) goes ashore and proceeds to Gamma Station A and B in jeep and to Gamma C by LCVP. If vehicles are inoperable DUKW's will be used. Vehicles are to return to beach at south end of Bijiiri for use by Krause at H / 7. |
| 84. | | H / 2 hours | LCM #24 proceeds from Eniwetok to Aoman for drone tank operations. It may return with party to Eniwetok upon completion of operations at approximately 1300, stopping by CVE as necessary to discharge half of ground sample. |
| 85. | | | Shonka's party returns to AV-5 in AVR No. 53. Boat (Rad-Safe cleared crew) from AV-5 will be despatched upon request from returning AVR. Ship must have gangway ready to receive returning personnel and boat with cleared crew in water ready to bring personnel from AVR to ship. |
| 86. | | | AV-5 LCVP (Rad-Safe cleared crew) will be available for use as directed by senior representative of CTG 7.1 embarked in AV-5. |
| 87. | | H / 2 1/2 hours (approximately) | Preuss returns to AV-5 after completion of above operations. |
| 88. | | | Wulsen will relieve Preuss at Zero Island after completion of above operations. |
| 89. | | After ships anchor off Runit and until boating control cancelled | AV-5 and AV-4 use boats to strip between ships at anchor off Runit as requested by senior representative of CTG 7.1 on these ships. |

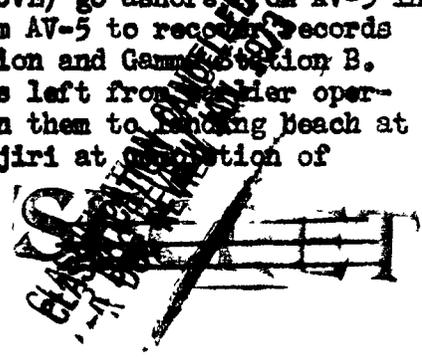
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| <u>TIME</u> | <u>DAY</u> | <u>TIME</u> | <u>EVENT</u> |
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| 90. | Yoke (Cont'd.) | After AV-4 and AV-5 anchor off Runit | As soon as Runit radiological survey is completed AV-4 and AV-5 use boats for trips to Runit as requested by senior CTG 7.1 representative on board these ships. |
| 91. | | H / 4 hours (approximately) | Bowman and Stanley leave Eniwetok by helicopter to join drone tank crew at Zero Island. |
| 92. | | H / 4 1/2 hours | Helicopter with Sgt. Brooks at tank controls will be ordered from CVE to Zero Island. Second helicopter with monitor flies in formation with tank control helicopter. Latter takes station on former to avoid radiologically unsafe position. |
| 93. | | | Bowman and monitor will proceed in jeep to set marker at point where radiation reaches 100 mr per hour. Helicopter will not approach zero point nearer than marker. |
| 94. | | H / 5 hours | LCM with LAJ-2 party and 2 monitors arrive at Zero Island. LAJ-2 personnel and monitor go ashore. |
| 95. | | | If tank #1 is not operable, tank #2 is landed from LCM; if first helicopter fails, standby helicopter on CVE leaves with Knights at tank controls. |
| 96. | | | If both helicopters fail, tank will be controlled from LCM. |
| 97. | | | After ground samples are obtained by tank, it is returned to revetment and samples are loaded into holders. |
| 98. | | | One sample is taken by monitor to CVE, other are loaded on LCM for return to Eniwetok. |
| 99. | | | Thirty minutes before completion of tank operation LCM will communicate, via technical net, with AV-5 and alert LAJ-4 operation. |
| 100. | | At completion of Tank Operation | Krause, Morris, King and two monitors (to be picked up at CVE) go ashore from AV-5 in standby LCVP from AV-5 to recover records from timing station and Gamma station B. Will use vehicles left from earlier operations and return them to Landing Beach at south end of Bijiiri at completion of operation. |

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| <u>ITEM</u> | <u>DAY</u> | <u>TIME</u> | <u>EVENT</u> |
|-------------|----------------|--|---|
| 101. | Yoke (Cont'd.) | At completion of LAJ-4 Operation | LAJ-5 member returns to Zero Island with monitor (to be picked up at CVE) in LCVP from AV-5 to recover instruments from Gamma Station A if earlier entry is unsatisfactory |
| 102. | | | DUKW's will be released after morning operations if vehicles on Zero Island are operable. |
| 103. | | At completion of LAJ-5 Operation | AVR No. 38 will be released upon completion of above operations. |
| 104. | | 1300 | AV-4 LCPL with Mr. Brixner proceed to Coral Head Tower, then to Runit and return to AV-4. If coral Head or Runit have not been radiologically cleared, take monitor from CVE. |
| 105. | | 1300 (or when Runit is radiologically cleared) | AV-5 boat proceed from ship to Runit with LAJ-8 personnel. |
| 106. | | 1700 | AV-5 boat to Runit to return personnel to AV-5. |
| 107. | | H / 7 hours | B-20 cloud chaser lands at Eniwetok. LAJ-2 party removes filters, packages filters and places aboard C-54 carrying ground samples. |
| 108. | Yoke / 1 | 0815 | AV-5 LCVP take LAJ-8 equipment from AV-5 to Runit if radiologically cleared. |
| 109. | | Until Zebra -3 | After completion of radiological survey of Aoman - Biijiri AV-4 and AV-5 use boats (with cleared crews as required) for trips to Aoman as requested by GTG 7.1. |
| 110. | | 1300 | AV-5 LCVP take LAJ-8 party from AV-5 to Aoman if radiological survey is completed. Three monitors required. King plus one additional monitor will also go in this boat. |
| 111. | Yoke / 2 | 1230 | AV-5 LCVP take LAJ-8 party from AV-5 to Aoman-Biijiri. Three monitors required. Return to AV-5 at 1700. |
| 112. | Yoke / 3 | 1230 | AV-5 LCVP take LAJ-8 party from AV-5 to Aoman-Biijiri. Three monitors required. Return to AV-5 at 1700. |

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119.

Toko # 4

1230

AV-5 ICVP take LAJ-8 party from AV-5 to
Aomari-Bijiri. Three monitors required.
Return to AV-5 at 1700.

J. S. Russell

J. S. RUSSELL,
Captain, U.S. Navy,
Commander Task Group 7.1.

cc: Russell
Preuss
Froman
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Henderson
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Kelly
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CJTTF-7 (1)
CJTTF-7(J-3)(1)
CO ALBEMARLE
CO CURTISS
File
CTG 7.3
CTG 7.6

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