

HEADQUARTERS
Marine Air Control Group 18
1st Marine Aircraft Wing, FMF, Pacific
FPO, San Francisco, California 96602

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5750
003A04670
15 February 1970

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SECRET (Unclassified upon removal of enclosure (1))

From: Commanding Officer
To: Commanding General, 1st Marine Aircraft Wing (G-3)
Subj: Command Chronology for the period 1-31 January 1970
Ref: (a) Conversation between Capt PHILLIPS, 1st MAW (G-3) and Capt
PARTRIDGE, MACG-18 (S-3) of 13Feb70
(b) FMFPACO 5750.8B
Encl: ✓(1) Marine Air Control Group 18, Command Chronology
✓(2) Headquarters and Headquarters Squadron, Command Chronology
✓(3) Marine Air Support Squadron 3, Command Chronology
✓(4) Marine Air Control Squadron 4, Command Chronology

MACG-18

1. In compliance with reference (a), enclosures (1) through (4) are submitted in accordance with the instructions contained in reference (b).

S. G. Dunwiddie, Jr.
S. G. DUNWIDDIE, Jr.

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HEADQUARTERS
Marine Air Control Group 18
1st Marine Aircraft Wing, FMF, Pacific
FPO, San Francisco, California 96602

COMMAND CHRONOLOGY

ONE JANUARY TO THIRTY-ONE JANUARY 1970

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- PART II - NARRATIVE SUMMARY
- PART III - SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

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PART I

ORGANIZATIONAL DATA

1. DESIGNATION COMMANDER
MACG-18 Col Stanley G. DUNWIDDIE, Jr. 1-31 January 1970

SUBORDINATE UNITS

H&HS-18	Maj Herbert E. HOPPMAYER	1-31 January 1970
MASS-3	LtCol John H. DUBOIS	1-31 January 1970
MACS-4	Maj Robert W. MOLYNEUX, Jr.	1-31 January 1970

2. LOCATION
1-31 January 1970: Da Nang RVN

3. STAFF OFFICERS
- | | | |
|----------------------------|----------------------------|-----------------|
| Executive Officer, MACG-18 | Lt Col Robert W. FISCHER | 1-31 Jan. 1970 |
| Adjutant, MACG-18 | 1stLt Ronald P. JOHNSON | 1-31 Jan. 1970 |
| S-1, MACG-18 | Capt Nichols C. VANDERDOES | 1-31 Jan. 1970 |
| S-2, MACG-18 | CWO-2 Leonard J. PATCHIN | 1-17 Jan. 1970 |
| S-2, MACG-18 | 1stLt Gary L. SMITH | 18-31 Jan. 1970 |
| S-3, MACG-18 | Maj Ronald G. RICHARDSON | 1-31 Jan. 1970 |
| S-4, MACG-18 | Maj Harry N. JOHNSON | 1-31 Jan. 1970 |
| Supply Officer, MACG-18 | 1stLt Frank R. ZADLO, Jr. | 1-12 Jan. 1970 |
| Supply Officer, MACG-18 | Maj Thaddeus S. COATES | 13-31 Jan. 1970 |
| CEO, MACG-18 | Maj Julian A. MOORE, Jr. | 1-31 Jan. 1970 |

4. AVERAGE MONTHLY STRENGTH

<u>USMC</u>		<u>USN</u>	
<u>Off</u>	<u>Enl</u>	<u>Off</u>	<u>Enl</u>
116	756	3	12

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PART II

NARRATIVE SUMMARY

Marine Air Control Group 18 continued to operate air control, anti-air warfare, and air support facilities in support of operations of the III MAF Air/Ground Team. Support was provided for GENEVA PARK, IRON MOUNTAIN, NANTUCKET BEACH, FREDERICK HILL, FULTON SQUARE, VICTORY DRAGON XIX, GREEN RIVER, and RANDOLPH GLEN.

In conjunction with the 1st Marine Division, Marine Air Control Group 18 initiated an investigation into the potential tactical employment of the Radar Course Directing Central, AN/TPQ-10, coupled with the Integrated Observation Device, AN/GVQ-10. (See Tab A for details)

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PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

1. (C) SPECIAL OPERATIONS: Navigational assistance was provided for aircraft operating in support of the following operations:

- | | | |
|--------------------|-----------------------|------------------|
| a. Geneva Park | d. Frederick Hill | g. Green River |
| b. Iron Mountain | e. Fulton Square | h. Randolph Glen |
| c. Nantucket Beach | f. Victory Dragon XIX | |

2. (C) AIR CONTROL

a. On 31 January the following ASRTs were in RVN; Da Nang (A-11), An Hoa (A-1), Chu Lai (A-7/B-1), Birmingham (A-14/B-2), Quang Tri (A-8).

b. On 31 January there was one DASC operational at Da Nang.

c. ASRT Operations

- | | |
|---------------------|------------------|
| (1) Missions | 793 |
| (2) A/C controlled | 1160 |
| (3) Bombs dropped | 3549,308 tons |
| (4) Targets hit | 1091 |
| (5) Target coverage | 3.25 tons/target |

d. AN/TPQ-10 System Operations as of 31 January

	<u>A-11</u>	<u>A-1</u>	<u>A-7 / B-1</u>	<u>A-14 / B-2</u>	<u>A-8</u>
(1) Total hours	13,296	30,318	26,655	1,173	UNK 749 19,637
(2) Since Rehab	8,699	17,955	21,821	N/A	1,066 N/A 12,212
(3) Hours in Jan.	730	736	182	663	403 140 732

e. DASC Operations

- | | |
|---------------------------|------------|
| (1) Helo missions/Med-vac | 1153 / 797 |
| (2) Fixed wing | 1005 |

f. TAOC Operations

- (1) Unknown tracks reported to Panama - 0
- (2) A/C provided navigational assistance - 13,299
- (3) TPQ-10 handoffs - 11
- (4) IFF/SIF checks - 11,726
- (5) GCI/GCA handoffs - 1,213
- (6) Intercepts

- (a) Attempted - 42
- (b) Completed - 42

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g. TADC Operations

(1) Fixed Wing Sorties - 4,353

- (a) In-country Sorties - 2,990
- (b) Out-country Sorties - 1,013
- (c) ECM/ESM - 179
- (d) IR/SLAR Sorties - 43
- (e) Photo Sorties - 128

(2) Helicopter Sorties - 30,868

- (a) Tasks - 8,694
- (b) Cargo - 5,405.1 tons
- (c) Passengers - 71,955

3. (S) GROUND DEFENSE. Construction and maintenance of defensive barriers continued during the month of January. There was also an increase in ground defense drills and perimeter patrols in anticipation of a Tet enemy offensive. However, no evidence of hostile activity was detected.

4. (C) AIR DEFENSE. Refer to enclosure (4), page 6, paragraph 13.

5. (U) BASE DEVELOPMENT AND MILITARY CONSTRUCTION. None

6. (U) LOGISTICS

- a. Refer to enclosure (3), page 8, paragraph 9.
- b. Refer to enclosure (4), Appendix A.

7. (U) SUPPLY

- a. Refer to enclosure (3), page 8, paragraph 10.
- b. Refer to enclosure (4), Appendix A.

8. (U) MAINTENANCE

- a. Refer to enclosure (3), page 8, paragraph 12.
- b. Refer to enclosure (4), Appendix A.

9. (U) ENGINEERING

- a. Refer to enclosure (3), page 8, paragraph 11.
- b. Refer to enclosure (4), Appendix A.

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10. (U) COMMUNICATIONS/ELECTRONICS

- a. Refer to enclosure (3), page 8, paragraph 13.
- b. Refer to enclosure (4), page 5, paragraph 10.

11. (U) CONSTRUCTION

- a. Refer to enclosure (3), page 4, paragraph 14.
- b. Refer to enclosure (4), page 8, paragraph 14.

12. (U) MOTOR TRANSPORT. MACG-18 vehicles were driven a total of 42,027 miles during the month of January.

13. (U) EMBARKATION. The Embarkation Section of MACG-18 moved 1,590.5 short tons of cargo.

14. (U) INFORMATION SERVICES

- a. Refer to enclosure (2), page 4, paragraph 17.
- b. Refer to enclosure (3), page 9, paragraph 16.
- c. Refer to enclosure (4), page 6, paragraph 16.

15. (U) ADMINISTRATION

- a. Refer to enclosure (2), page 3, paragraph 1.
- b. Refer to enclosure (3), page 6, paragraph 1.
- c. Refer to enclosure (4), page 4, paragraph 8.

16. (U) COMMAND RELATIONSHIP/COMMAND AND CONTROL. Refer to enclosure (3), page 6, paragraph 3.

17. (U) TRAINING. A total of 308 hours of technical training was conducted during the month of January with 722 persons attending. A total of 34 1/2 hours of basic training was conducted during the month of January with 442 persons attending.

18. (U) PERSONNEL

- a. Refer to enclosure (2), page 3, paragraph 2.
- b.. Refer to enclosure (3), page 6, paragraph 2.
- c. Refer to enclosure (4), page 5, paragraph 9.

19. (U) CASUALTIES

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- a. As a result of hostile action: None
- b. Not a result of hostile action: Two deaths and two injuries.

20. (U) AWARDS. The following were presented to MACG-18 personnel during the month of January:

Navy Commendation Medal - 3
Navy Achievement Medal - 3
Good Conduct Medal - 9
Meritorious Mast - 6
Meritorious Promotion - 3
Certificate of Commendation - 5
Letter of Appreciation - 3

21. (U) MORALE AND WELFARE. During the month of January liberty remained secured, and recreation was provided by Group Special Services. Six parties were held. R&R flights were conducted as follows:

Sydney - 18	Manila - 3	Hong Kong - 7
Singapore - 2	Bangkok - 16	Hawaii - 16
Okinawa - 2	Tokyo - 1	Taipei - 5

22. (U) GROUP CHAPLAIN

a. During the month of January, the Protestant services for MACG-18 were given by the Group Chaplain, Lt. W. E. Outlaw Jr.. The Catholic services were given by three (3) separate chaplains. The Catholic personnel were provided transportation each Sunday to go to MWSG-17 for Catholic services there. MASS-3 was provided Catholic services each Tuesday by LCDR P. E. Roswog the Catholic Chaplain from 1st MAW. MACS-4 had services each Sunday. The first Sunday LCDR P. E. Roswog held services. For the rest of the month the Catholic Chaplain from III MAF, LCDR F. W. McDonnel, held the services.

b. The Group Chaplain visited III MAF brig one (1) time during January and saw two (2) prisoners. The Chaplain also visited NSA hospital twice (2) and saw four (4) patients there.

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HEADQUARTERS
 Marine Air Control Group 18
 1st Marine Air Craft Wing, FMF, Pacific
 FPO, San Francisco, California 96602

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From: Commanding Officer
 To: Commanding General, First Marine Aircraft Wing (G-3)

Subj: Concepts for Tactical Employment of the AN/TPQ-10

1. The AN/TPQ-10, Radar Course Directing Central, has been primarily employed in the Republic of Viet Nam in a harassing and interdiction (H&I) role. A more effective and responsive use can be assigned to this very accurate aerial ordnance delivery control system.

2. In the course of investigating a ground observation and target location device used by the 1st Marine Division (1st MARDIV) for employment in calibration of AN/TPQ-10s following maintenance, a demonstration was conducted at a 1st MARDIV Observation Post (OP) on Hill 250. The artillery observers at this OP are equipped with the new Integrated Observation Device (IOD). The IOD demonstrated its ability to quickly select and accurately locate a target to eight digit coordinates. Relaying this information to the FACG and the ASHT, the target was brought under attack by a TPQ-controlled aircraft within five minutes after target clearance had been obtained from the FACG. The IOD was also able to visually monitor and assess the strike. It should be noted that twenty-six MK-8 were delivered on the target with an average CEP of less than fifty meters. The ordnance was delivered in three runs of one bomb (27 meters), a stick of five bombs (60 meters), and a stick of 20 bombs (40 meters). Two bombs were hung and could not be released.

3. The timely, accurate, demonstrated response of the IOD coupled with the ASHT reveals possibilities of new tactics with the AN/TPQ-10, and greater use of the system in its primary design role of close air support. The following additional concepts for tactical employment of the AN/TPQ-10 are recommended.

a. Prior to conducting normal preplanned TPQ H&I type missions, place mission aircraft in temporary holding orbit while IOD units are queried by the FACG for real-time, on-call targets. If targets of opportunity can be developed, they can then be engaged by the TPQ-controlled aircraft. If no such targets are available, the TPQ can execute the preplanned mission.

b. During high threat periods, e.g., Tet, an airborne alert could be effected. Alert aircraft would orbit under ASHT control while waiting to react to IOD acquired real-time, on-call targets.

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TAB A

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c. Apply the concepts discussed in paragraphs a. and b. above for sensor developed real-time, on-call targets. Procedures for cross-tolling this information could be developed by INAV G-2/C-3 and 1st MAWIV ESCC.

d. RFQ-controlled halo para-resupply of isolated 1st MAWIV units has been quite successful to date. The primary difficulty encountered has been the inaccuracy of the drop site location as reported by the unit to be supplied. With the wide dispersion of the 1st MAWIV's six ICB sites, it is anticipated that accurate eight digit coordinates could be quickly obtained for the majority of friendly units within the 1st MAWIV area of operations.

4. This command is informally exploring all of these tactics with the 1st MAWIV and will submit a recommended set of procedures to coordinate these tactics.

S. G. DURANDIS, Jr.

Copy to:
 G1, 1st MAW (G-2)
 G2, MAW-3
 G3, MAW-4

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TAB A