

MARINE AIR CONTROL SQUADRON 4
Marine Air Control Group 18
1st Marine Aircraft Wing
FPO San Francisco 96602

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8 Jan 1975

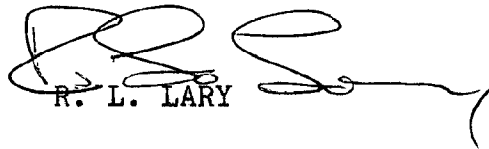
From: Commanding Officer
To: Commandant of the Marine Corps (Code HD)
Via: (1) Commanding Officer, Marine Air Control Group 18
(2) Commanding General, First Marine Aircraft Wing
(3) Commanding General, Fleet Marine Force Pacific

Subj: Command Chronology for period 1 July-31 December 1974

Ref: (a) MCO P5750.1D
(b) FMFPacO 5750.8B
(c) WgO 5750.1B
(d) GruO 5750.1B

Encl: (1) MACS-4 Command Chronology
(2) Post Exercise Report on MABLEX 1-75 (BAYANIHAN)

1. In accordance with the provisions of references (a) through (d), enclosures (1) and (2) are submitted.


R. L. LARY

MACS-4

July 1975

ENCLOSURE (4)

Command Chronology

1 July-31 December 1974

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Part I

ORGANIZATIONAL DATA1. DesignationCommander

Marine Air Control Squadron 4

LtCol Ralph L. LARY Jr.
1 Jul-31 DecStaff OfficersPeriodName

Executive Officer

1 Jul-14 Jul
15 Jul-31 DecMaj William T. BOSSERMAN
Maj William H. ALLEN Jr.

Operations Officer

1 Jul-31 Jul
1 Aug-31 DecMaj Robert F. CLEMMONS
Maj Mitchell STEINBERG

Services Officer

1 Jul-14 Jul
15 Jul- 4 Dec
5 Dec-31 DecCapt John W. SCHWAB
Maj William H. ALLEN Jr.
Maj John V. WALSHCommunications-
Electronics Officer1 Jul-14 Jul
15 Jul-31 DecCapt William F. BROWN
Capt Sidney L. SPURGEONAdministrative
Officer1 Jul-20 Dec
21 Dec-31 Dec1stLt Thomas J. VENTERS
Capt Michael A. STANKOSKYSubordinate Units

None.

Attached Units

None.

2. Locations

MACS-4 1 Jul-31 Dec MCAS (H) Futema, Okinawa, Japan

3. Average Monthly StrengthUSMCUSNOtherOff EnlOff EnlOff Enl

22 194

0 0

0 0

4. Important Visitors

- 12 Aug: Col MCCLENON, CO MAG-36, was briefed on MACS-4 operations.
- 15 Aug: Col GREGERSON, CO MACG-18, came aboard for a visit and toured the operations site.
- 1 Oct: MajGen POGGEMEYER, CG III MAF, was briefed on MACCS and toured the operations site.
- 10 Oct: Col BARLOW, CO ProvMag, and Col HERICH, Director 9th MAB TECG, were briefed on MACCS and toured the operations site.
- 29 Oct: Secretary of the Navy MIDDENDORF and party visited, were briefed on MACCS, and toured the operations site.
- 8 Nov: BrigGen CAREY, Asst CG 1st MAW, was briefed on the Squadron's status and current operations, and toured the operations site.
- 21 Nov: MajGen MILLER, Deputy Commander FMFPac, was briefed on MACS-4 status and operations, and toured the operations site.
- 2 Dec: MajGen ARMSTRONG, CG 1st MAW, and BrigGen KOLER, CG 1st MARBDE, visited the MACS-4 Detachment during MABLEX 1-75, were briefed on operations, and toured the site.

Part II

NARRATIVE SUMMARY

1. During the period 1 July through 31 December, Marine Air Control Squadron 4 continued to operate at Marine Corps Air Station (H), Futema, Okinawa, Japan. The Squadron maintained an AN/TYQ-2, Tactical Air Operations Central, and an AN/TYQ-3, Tactical Data Communications Central. Ground controlled intercept (GCI) training was conducted in collaboration with VMFA-115, VMFA-232, VMA-211, VC-5 (USN), 44th Tactical Fighter Squadron (TFS) of the 18th Tactical Fighter Wing (TFS)(USAF), 67th TFS of the 18th TFW (USAF), and the 90th TFS of the 405th TFW (USAF). Additional controller training was gained through TPQ-10 handoffs to the ASRT; refueler operations with VMGR-152; advanced combat maneuvering (ACM) with VMFA-115, VMFA-232, augmented by VMA-211; air-to-air gunnery involving aircraft from VMFA-115, VMFA-232, VC-5 (USN), 44th TFS (USAF), and the 67th TFS (USAF); and ECM work with aircraft from the 1st Special Operations Squadron (SOS)(USAF).

2. From 10 November through 14 December, MACS-4 deployed to the Philippines for MABLEX 1-75 (see Supporting Documents). An AN/TYQ-2, an AN/TYQ-3, and a TPS-32 were set up and operated as an automated TAOC. The TAOC was tasked with: providing early warning to the Task Force; conducting AAW operations under the direction of the Force Anti-Air Warfare Coordinator; providing enroute ATC for aircraft to and from the AOA; and to provide the capability to act as an Alternate Tactical Air Command Center. Excellent training and experience was gained by the TAOC support personnel, i.e., by the comm-elect and generator personnel required to operate the equipment on tactical power "around-the-clock" for the duration of the deployment. Additionally, operational communications personnel received valuable training not available under garrison conditions. Excellent experience was gained by personnel in embarking and deploying an automated TAOC. With the significant exception of interagency air defense training, the TAOC operations crews received good training in Link-11 operations. MACS-4 controllers also participated in Commando Jade exercises in Korea, Eagle/Lark exercises in Taiwan, and aboard Naval ships for controller cross-training. In December, MACS-4 participated in Commando Diamond, a joint services air-defense exercise on Okinawa, involving Air Force, Navy, and Marine units. MACS-4 has the only U.S. GCI facility on Okinawa. The Commando Diamond exercise will be conducted monthly.

3. The operational readiness of the Squadron has continued to improve. Utilization of the Training Device, 15A19, in conjunction with live flights from Marine, Navy, and Air

Force squadrons, and Link-11 exercises with TACC and Naval ships, has increased intercept controller efficiency and TAOC crew capabilities.

Part III

Sequential Listing of Significant Events1. Administration

- 7 Aug- A Functional Management Inspection was conducted by
 12 Aug: representatives of the 1st MAW. Engineer Equipment received "especially noteworthy comments", and both Communications/Electronics and Ground Safety received "noteworthy comments".
- 19 Sep- The I.G. Inspection was conducted. Motor Transport
 21 Sep: received "noteworthy comments".
- 13 Oct- Maj ALLEN went TAD to Taiwan for Exercise Eagle/Lark.
 23 Oct:
- 18 Oct- LtCol LARY went TAD to Iwakuni.
 19 Oct:
- 10 Nov- The MACS-4 Detachment departed for NAS Cubi Pt. for
 18 Nov: participation in MABLEX 1-75.
- 19 Nov: Maj STEINBERG departed to participate in MABLEX 1-75 as OIC of the MACS-4 Detachment.
- 29 Nov- LtCol LARY and SgtMaj STUART went to NAS Cubi Pt. to
 2 Dec: observe MABLEX 1-75.
- 10 Dec- The MACS-4 Detachment returned from participation
 14 Dec: in MABLEX 1-75.
- 12 Dec- LtCol LARY went TAD to Iwakuni.
 14 Dec:

2. Personnel

- 9 Jul: Sgt Samuel L. KEARSE was selected as MACG-18 NCO of the Month for July.
- 9 Jul: PFC Allen D. JONES was selected as MACG-18 Marine of the Month for July.
- 2 Aug: LCpl Ronald H. MANNS was meritoriously promoted to his present rank.
- 8 Aug: PFC Clyde E. HOLBROOK was selected as MACG-18 Marine of the Month for August.
- 2 Sep: LCpl Clyde E. HOLBROOK was meritoriously promoted to his present rank.

- 4 Sep: Sgt Terry E. BURR was selected as MACG-18 NCO of the Month for September.
- 4 Oct: Cpl Timothy J. O'MALLEY was selected as MACG-18 NCO of the Month for October.
- 21 Oct: Cpl Timothy J. O'MALLEY was selected as 1st MAW NCO of the Month for October.
- 2 Nov: Cpl David J. O'BRIEN was meritoriously promoted to his present rank.
- 6 Nov: Cpl Keith A. WHETSEL was selected as MACG-18 NCO of the Month for November.
- 2 Dec: LCpl Lynn A. EINHAUSS was meritoriously promoted to his present rank.

3. Command Relationships/Command and Control

MACS-4	1 Jul-31 Dec	OpCon - MACG-18 AdCon - MACG-18 Admin Support - MAG-36
MACS-4 Det.	27 Nov-14 Dec	OpCon - ProvMAG-10 AdCon - MACS-4

4. Air Control

1 Jul- Total GCI's: Attempted 1289 Completed 1121
 31 Dec: Total Sorties 704

GCI's in garrison:

<u>Marine</u>		<u>Air Force</u>		<u>Navy</u>	
<u>Att</u>	<u>Comp</u>	<u>Att</u>	<u>Comp</u>	<u>Att</u>	<u>Comp</u>
908	754	333	320	4	4

Sorties in garrison:

	<u>Marine</u>	<u>Air Force</u>	<u>Navy</u>
AI	147	66	1
ACM	153	10	0
BAM	38	0	0
AR	24	3	0
FF	57	14	5
VID	21	0	22

ECM	3	17	0
Missile Shoot	12	0	0
TPQ	<u>16</u>	<u>0</u>	<u>0</u>
Subtotal	471	110	28

Total: 609

GCI's on MABLEX 1-75:

<u>Marine</u>		<u>Air Force</u>		<u>Navy</u>	
<u>Att</u>	<u>Comp</u>	<u>Att</u>	<u>Comp</u>	<u>Att</u>	<u>Comp</u>
26	25	3	3	16	15

Sorties on MABLEX 1-75:

	<u>Marine</u>	<u>Air Force</u>	<u>Navy</u>
TAC	15	0	0
Strike	41	0	0
CAP	7	0	0
Tanker	7	0	0
Photo	3	0	0
Airborne DASC	4	0	0
Strike Eagle	1	0	0
Non-Exercise	<u>9</u>	<u>5</u>	<u>3</u>
Subtotal	87	5	3

Total: 95

1 Jul- MACS-4 conducted Link-11 operations with TACC.
31 Dec:

24 Aug- GySgt SPURLOCK went TAD to Korea for participation
29 Aug: in exercise Commando Jade.

8 Sep- Maj STEINBERG went TAD to Taiwan for participation
16 Sep: in exercise Eagle/Lark.

30 Sep: III MAF Staff, LtCol BAULCH, LtCol CUNNINGHAM, LtCol WILLIAMS, LtCol HOFFMAN, Maj SLONE, Maj MARKS, Maj KRYWKO, Maj CATES, Lt BADINGER, LtCmdr ZETTLER (USN), and Lt BLOCKHU (USN), were briefed on MACCS and toured the operations site.

4 Oct- MSgt O'NEIL went TAD to Korea for participation in
10 Oct: exercise Commando Jade.

- 12 Oct- GySgt SPURLOCK went TAD to the USS ENGLAND for AIC
- 4 Nov: cross-training.
- 13 Oct- Maj ALLEN went TAD to Taiwan for participation in
- 23 Oct: exercise Eagle/Lark.
- 16 Oct- GySgt DEMILLE went TAD to the Air-Ground Exchange
- 23 Oct: Program.
- 22 Oct: Link-11 operations were conducted with the USS
- MIDWAY.
- 3 Nov- Link-11 operations were conducted with the USS
- 4 Nov: CHICAGO.
- 24 Nov- Link-11 operations were conducted during MABLEX 1-75
- 7 Dec: with USS MIDWAY, USS ENTERPRISE, USS BLUERIDGE, and
- USS ENGLAND.
- 5 Dec- Lt SCHMAUS went TAD to the USS WORDEN for AIC cross-
- 22 Dec: training.
- 6 Dec- OS-1 CLUCK (USN), was TAD to MACS-4 from the USS
- 16 Dec: WORDEN for AIC cross-training.
- 16 Dec: MACS-4 participated in Commando Diamond with the
- 5th Air Force.

5. Special Operations

- 6 Nov: COMMEX-CPX for MABLEX 1-75.
- 9 Nov: The advance party of 2 officers and 23 enlisted em-
- barked aboard the USS VANCOUVER for MABLEX 1-75.
- 18 Nov: The remainder of MACS-4 Detachment personnel for
- MABLEX 1-75 departed by air.
- 10 Dec: The main body of MACS-4 Detachment personnel re-
- turned from MABLEX 1-75 by air.
- 14 Dec: The remaining MACS-4 Detachment personnel and
- equipment from MABLEX 1-75 disembarked from the
- USS DURHAM.

6. Civic Action. None.

7. Ground Defense. None.

8. Training

15 Jul: The 15A19 modification was completed.

16 Jul- Total simulated GCI's 633 Total hours of crew
 7 Nov: training 161.9 Total manhours 858.4.

26 Aug- The 15A19 was not available in the morning because
 30 Aug: of AN/TYA-20 maintenance training.

4 Sep- The 15A19 was down for maintenance.
 5 Sep:

9 Sep- The 15A19 was not available because of air-
 12 Sep: conditioner and programing difficulties.

7 Oct- The 15A19 was not available due to the AN/TYA-20
 8 Oct: being down.

10 Oct- The 15A19 Was not available due to the AN/TYA-20
 30 Oct: being down.

7 Nov- The 15A19 was not utilized during this period due
 31 Dec: to the deployment of the computer group, AN/TYA-20,
 and central computer, AN/TYA-5, for MABLEX 1-75.
 These equipments are necessary for operation of the
 trainer.

9. Logistics. None.10. Supply. None.11. Engineering

3 Jul- The MACS-4 Utilities section conducted a Generator
 6 Jul: School and licensed 13 operators.

2 Sep- The MACS-4 Utilities section conducted a Generator
 5 Sep: School and licensed 13 operators.

22 Nov- During MABLEX 1-75, tactical power generating equip-
 7 Dec: ment was successfully operated in parallel, probably
 the first time ever in a MACS. Two banks of four
 and five PU-711 generating sets were paralleled to
 respectively provide tactical power to the radar set,
 AN/TPS-32, and the Tactical Air Operations Central,
 AN/TYQ-2. Difficulties encountered during paralleling
 operations involved incremental activation of the
 equipment being powered. These difficulties were
 resolved.

12. Maintenance. None.

13. Communications/Electronics

23 Aug: MACS-4 received the second of four AN/TPX-28D, replacing the AN/TPX-28C.

10 Oct- MACS-4 modified the radome for installation of the
26 Oct: AN/TPS-22.

25 Nov: MACS-4 received two AN/TPX-28D's, bringing us up to T/E.

25 Nov: An HF training net was established between MACS-4 and MWCS-18.

19 Dec: MACS-4 received and installed two Radio Direction Finders, AN/GRD-11A's.

23 Dec: The voice and data lease lines were installed and checked out.

14. Construction. None.

15. Motor Transport

1 Jul- MACS-4 vehicles traveled 24,518 miles and used
31 Dec: 5,700 gallons of diesel fuel and 4,350 gallons of MoGas.

16. Informational Services. None.

17. Casualties. None.

18. Awards. None.

19. Morale and Welfare. None.

20. Air Defense. MACS-4 personnel participated in MABLEX 1-75 in the Philippines, Commando Jade exercises in Korea, Eagle/Lark exercises in Taiwan, and a Commando Diamond exercise in Okinawa.

21. Base Development and Military Construction. None.