



## UNITED STATES MARINE CORPS

MARINE CORPS AIR BASES WESTERN AREA MCAS MIRAMAR  
P O BOX 452001 SAN DIEGO CA 92145-2001

ABO 3140.1B

G-3/WTHR

16 SEP 2003

### AIR BASE ORDER 3140.1B

From: Commander

To: Distribution List

Subj: ESTABLISHMENT OF COMMANDER MARINE CORPS AIR BASES WESTERN AREA (COMCABWEST) WEATHER OFFICER AND COMCABWEST WEATHER SERVICE CHIEF BILLETS

Encl: (1) List of Guiding Publications, Instructions, and Websites

1. Purpose. To publish the duties, tasks, and responsibilities of the COMCABWEST Weather Officer and Weather Service Chief.

2. Cancellation. ABO 3140.1A.

3. Background. The Weather Service Branches within COMCABWEST provide vital meteorological information to host, tenant, and transient units and activities aboard their station. In an effort to provide guidance or assistance to individual weather offices, the order assigns the primary duties of COMCABWEST Weather Officer and Weather Chief to the senior Weather Officer (Captain) and Weather SNCO (MGySgt) on T/O 8365, line numbers 1921 and 1923. In the absence of one or both grades required, the MWSS 373 Weather Officer (CWO-3) and Weather Chief (MSGT), which fall under Fleet Assistance Program (FAP) will act as COMCABWEST Weather Officer and Chief respectively. Per the FAP agreement, lines numbers 1922 and 1924 will be assigned the duties as MCAS Miramar Weather Officer and Weather Chief, respectively.

4. COMCABWEST Weather Officer. The duties and responsibilities for this billet include:

a. Advise and assist the Commanding General and staff in all meteorological and oceanographic (METOC) matters pertaining to METOC policies, procedures, manpower, doctrine, training and equipment.

b. Serves as the focal point and subject matter expert for METOC information coming into and going out of COMCABWEST.

c. Perform duties as a member of the COMCABWEST Inspector General (IG) program.

**16 SEP 2003**

d. Establish liaison with Assistant Chief of Staff (AC/S) G-1, Personnel Division, on Table of Organization and Fleet Assistance Program (FAP) reviews within COMCABWEST.

e. Establish effective liaison with the I MEF Marine Wing Support Group 37 (MWSG-37) Weather Officers concerning deployment schedules to assess impacts on manning of COMCABWEST weather offices.

f. Provide guidance on career progression and MOS sustainment training for all COMCABWEST/3d MAW weather personnel.

g. Provide guidance and oversee corrective action on Equipment Casualty Reports (CASREP's) for MCAS METOC equipment, in accordance with (IAW) Naval Warfare Publication (NWP) 1-03.1 Operational Reports.

h. Establish effective liaison with the AC/S G-6 Electronics Maintenance Coordinator on meteorological equipment issues, to include CASREP's, modification of equipment allowances, base electronics systems engineering plans (BESEP's), etc.

i. Conduct an annual review of the COMCABWEST Contingency Plan (CONPLAN) for currency of Annex H, METOC Services.

j. Establish effective liaison with the AC/S G-6 Communications, on local area network (LAN), non-secure internet protocol router network (NIPRNET), and secure internet protocol router network (SIPRNET) issues related to the COMCABWEST weather offices.

k. Provide guidance on web site content and policy compliance for COMCABWEST weather offices.

l. Establish effective liaison with the MWSS 473 Reserve Support Unit (RSU) on the training of weather reservists at COMCABWEST weather offices.

m. Assess equipment capabilities/deficiencies and formulate new requirements for COMCABWEST weather officers.

n. Establish effective liaison with the Commander Naval Pacific Spell out Center (NPMOC) - San Diego - for weather support issues affecting COMCABWEST.

o. Provide guidance to Weather Officers within COMCABWEST.

p. Coordinate video tele-training (VTT) classes within COMCABWEST for METOC classes. Provide guidance in the implementation of policies and procedures contained in the support documentation outlined in the enclosure.

5. COMCABWEST Weather Service Chief. The duties and responsibilities for this billet are to assist in the COMCABWEST Weather Officer's duties and responsibilities, and those listed as follows:

a. Serve as the Western Region Senior METOC Enlisted Representative.

b. Provide guidance in the mentorship of weather personnel involved in MOS sustainment or career progression training within COMCABWEST; conduct site visits quarterly, or as necessary, to provide sufficient oversight.

c. Monitor training deficiencies and coordinate input for the improvement of the course curriculum and plans of instruction at the weather schools at Keesler AFB, Mississippi.

d. Participate as a member of Meteorological and Oceanographic Analyst/Forecaster certification and qualification programs.

e. Perform duties as a member of the COMCABWEST Inspector General (IG) program.

f. Coordinate the fulfillment of MARFORPAC weather school seat requirements.

g. Provide guidance to the Weather Service Chiefs within MARFORPAC.

6. Action. The AC/S G-3 will ensure that the Weather Division comply with the duties and responsibilities outlined herein.

7. Concurrence. The Commanding General, 3d Marine Aircraft Wing, concur with the provisions of this Order.



P. C. CHRISTIAN  
Chief of Staff

DISTRIBUTION: A

LIST OF GUIDING PUBLICATIONS, INSTRUCTIONS, AND WEBSITES

1. **Marine Corps Warfighting Publication 3-35.7**, MAGTF Meteorological and Oceanographic (METOC) Support.
2. **MCO 1510.105**, Individual Training Standards (ITS) System for OCCFLD 68, Weather Service.
3. **IGMC, Audit Statement Listing for Functional Area 890, Aviation Weather.**
4. [NMOC = Naval METOC Command Instruction and NCO = Naval Oceanography Command; CMC (ASL) concurrence].
5. **NMOC 1500.2**, Naval Meteorology and Oceanography Command Training and Certification Program.
6. **NMOC 1500.3**, Procedures for Qualification and Certification of Navy and Marine Corps Air Traffic Controllers as Tower Visibility.
7. **NMOC 1500.5**, Reserve Aerographer's Mate (AG) Training.
8. **NMOC 3140.1**, U.S. Navy Meteorological and Oceanographic Support System Manual.
9. **NMOC 3140.2**, Local Area and Area Responsibility Forecaster's Handbook.
10. **NMOC 3140.4**, Atmospheric Turbulence & Icing Criteria.
11. **NMOC 3140.14**, Procedures Governing Flight Weather Briefings and Preparing DD Form 175-1 and U.S. Navy Flight Forecast Folder.
12. **NMOC 3140.17**, Policies Concerning the Provisions of Meteorology and Oceanography Products and Services.
13. **NMOC 3141.1**, Earthquake Observation and Reporting.
14. **NMOC 3141.2**, Surface Meteorological Observation Procedures.
15. **NMOC 3142.1**, Procedures Governing Pilot Weather Reports.
16. **NMOC 3143.1**, Terminal Aerodrome Forecast (TAF) Code.

**16 SEP 2003**

17. **NOC 5220.1**, Maintenance of Surface & Upper Air Observation Programs of the Naval Oceanography Command & U.S. Marine Corps (Shore Stations).
18. **NMOC 5232.1**, Geophysics Fleet Mission Program Library.
19. **NMOC 13950.1**, Meteorological Equipment Management and Planning Policy.
20. <http://www.cnmoc.navy.mil/nmosw/sitemap.htm>, Commander, Naval METOC Command (CNMOC) Restricted Access Site; download site for information and instructions to distribute within COMCABWEST.
21. <http://www.navo.navy.mil>, Naval Oceanographic Office (NAVO); download site for training information, publications and other data.
22. <http://128.160.45.116/>, METOC Equipment Branch, Systems Integration Division, NAVO; download information site for Supporting Establishment weather equipment.
23. <http://www.fnmoc.navy.mil/~tinker/>, Fleet Numerical METOC Detachment (FMOD), Tinker, AFB, OK; supports management of alphanumeric weather data to Naval and Marine Corps Activities worldwide.
24. <http://waves.ncdc.noaa.gov/temp/fnmod.htm>; FNMOD Asheville, NC; climatology repository for Naval and Marine Corps weather records; maintains data history on each Naval and Marine Corps weather station, both fixed and mobile.
25. <http://www.nttu.navy.mil/marines>, Marine Detachment Keesler AFB, MS; provides a link to our MOS-producing schools, with information on curriculum, student rosters, supplemental courses of instruction, etc.

ENCLOSURE (1)