UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
BEAUFORT, SOUTH CAROLINA 29904-5001

ASO 3440.2U
S-3/5/7
30 Sep 22

AIR STATION ORDER 3440.2U

From: Commanding Officer, Marine Corps Air Station Beaufort
To: Distribution List

Subj: DESTRUCTIVE WEATHER OPERATIONS

Ref: (a) OPNAVINST 3140.24G Adverse and Severe Weather Warnings and Conditions of Readiness
(b) DOD Directive 3025.18, Defense Support of Civil Authorities
(c) MCO 3440.7C Marine Corps Support to Civil Authorities
(d) MCO 3504.2A Operations Event/Incident Report (OPREP-3)
(e) MCO 3440.9 Administrative Change Marine Corps Installation Emergency Management (IEM) Program
(f) MCO 3140.24 Adverse and Severe Weather Warnings
(g) MARADMIN 563/11 of 28 September 11 IEM Program Implementation
(h) MCIEASTO-MCB CAMLEJO 3440.1D MCIEAST Regional Destructive Weather Operations
(i) WgO 3140.1R Aircraft Hurricane Evacuation Plan
(j) MCIEAST-MCB CAMLEJO 3140.1C Marine Corps Installations East-Marine Corps Base Camp Lejeune Meteorology and Oceanography (METOC) Operations
(k) ASO 3501 MCAS Beaufort Installation Priority of Restoration of Critical Services
(l) ASO 5530.16 Security Augment Force
(m) Memorandum of Understanding between MCAS Beaufort, MCRD Parris Island and Atlantic Marine Corps Communities (AMCC)
(n) Memorandum of Understanding between MCAS Beaufort and I&I Charlotte
(o) Memorandum of Understanding between MCAS Beaufort and Fort Benning, GA
(p) Intergovernmental Service Agreement (IGSA) between MCAS Beaufort, Barnwell County School District and Barnwell Emergency Management Division
(q) SECNAV Notice 5210 Implementation of New Department of the Navy Bucket Records Schedules
(r) SECNAV M-5210.1 Records Management Manual
(s) MCO 5215.1K Marine Corps Directives
(t) MCO 5210.11F Marine Corps Records Management Program

Encl: (1) Marine Corps Air Station (MCAS) Beaufort DWX Action Sets
(2) CONOP Remain-Behind Element and Barnwell Detachment
(3) Installation Personnel Accountability Team (IPAT) Guidance
(4) Meal Ready to Eat (MRE) Letter of Authorization
(5) Emergency Management BCSO Re-entry Pass Roster
(6) MCAS Beaufort Equipment Staging Plan

Controlled by: MCAS Beaufort
CUI Category: EGMT
Limited Distribution Control: FEDCON
POC: Andrew Smith, 843-228-6985

DISTRIBUTION STATEMENT C: Distribution authorized to U. S. Government agencies and their contractors. Other requests for this document shall be referred to Commanding Officer, MCAS Beaufort (Attn: Mission Assurance).

(7) MWSS-273 Tactical Recovery Support Equipment List
(8) Evacuation Funding Data and Orders Template
(9) MCIEAST Emergency Operations Center Contact Information and Reporting Format

1. Situation. Per the references, this order provides guidance, information, and procedures in the event of destructive weather (DWX). Destructive weather is defined as severe thunderstorms, high wind conditions, flooding, tropical cyclones, tornadoes, or natural disasters that pose a threat to Marine Corps Air Station (MCAS) Beaufort. The period from 1 June through 30 November is designated as the Atlantic Hurricane Season. It is vital that all personnel aboard MCAS Beaufort be familiar with this order and their specific roles and responsibilities.

2. Cancellation. ASO P3440.2T.

3. Mission. MCAS Beaufort organizes and facilitates preparation, mitigation, response, recovery, and reporting activities for destructive weather, in order to save lives, prevent suffering and mitigate property loss and disruptions to mission accomplishment.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent

(a) MCAS Beaufort and its tenant commands shall be prepared to address seasonal destructive weather events. To accomplish this, MCAS Beaufort and its tenant commands must participate in required preparation training and exercises, respond to and manage emergencies in close coordination with local adjacent commands and county and state partners while ensuring a timely flow of information concerning the conditions, mission readiness, and recovery from the event(s) in order to return to normal operations.

(b) MCAS Beaufort supports installation-level emergency management efforts by ensuring that clear, concise, and accurate assessments of hazardous conditions are developed, maintained, and communicated to all MCAS Beaufort personnel and family members in the path of the hazard. These assessments will be used by MCAS Beaufort to mitigate the impact of the hazard and its resultant damage to our area of responsibility and provide MCAS Beaufort with the resources and coordination needed for a rapid recovery.

(2) Concept of Operations

(a) This order shall be used in conjunction with the references and other current regulations and directives to ensure compliance with established policies and procedures from higher headquarters. Requests for deviation should be routed to the Commanding Officer, MCAS Beaufort via the Director of Operations, Plans, and External Affairs (Director, S-3/5/7).

(b) The MCAS Beaufort S-3/5/7 and Crisis Management Team (CMT) shall provide the Commanding Officer, MCAS Beaufort with situational

awareness of the pre- and post-storm emergency conditions affecting MCAS Beaufort and its area of responsibility, including casualties, damage to facilities, interruption of essential services, and degradation of the installation's ability to support tenant commands. This situational awareness is created and maintained through interaction with the MCAS Beaufort Emergency Operations Center and transmitted through the Marine Common Operating Picture (MCOP). MCOP provides real-time situational awareness of the threat and mitigation strategies planned to respond, mitigate, and recover from a threat.

(c) Non-tropical events, such as tornadoes, severe thunderstorms, and sustained cold or hot weather hazards generally affect a localized area for short duration in terms of exposure and recovery times. Usually, local non-tropical storm systems do not exceed the management capabilities of daily operations, the normal installation level chain of command, emergency services, and maintenance organizations and procedures. Therefore, criteria, definitions, terms, and procedures associated with non-tropical conditions of readiness may be established by the CO, MCAS Beaufort.

(d) Due to the severe nature and duration of Tropical Cyclones, and in accordance with reference (a), the action sets outlined in enclosure (1) shall be used to prepare for, respond to, and recover from a tropical cyclone whether a depression, storm, or hurricane.

b. Tasks

(1) Crisis Management Team (CMT). The CMT is comprised of the installation's command and special staff in addition to other personnel as designated by the MCAS Executive Officer (XO). Prior to any imminent DWX event, the CMT shall develop and provide course of action (COA) recommendations to the MCAS CO regarding:

(a) Pre-storm analysis and required actions.

(b) Evacuation and return to base procedures.

(c) Air Station and military housing security.

(d) Damage assessment and restoration effort priorities.

(2) Executive Officer (XO)

(a) Serve as the senior member of the CMT.

(b) Assign staff members to the CMT.

(c) Lead, direct, and coordinate CMT planning efforts.

(3) Commanding Officer, Headquarters and Headquarters Squadron (HQHQRON)

(a) Serve as a member of the CMT.

(b) Perform quarterly audits of the Security Augmentation Force (SAF) roster and ensure all members are properly trained.

(c) Report personnel designated in enclosure (2) complete for receiving Consolidated Issue Facility (CIF) equipment listed in paragraph 4.d. of this Order.

(d) Annually populate the Remain-behind/Evacuation Key Personnel matrix, enclosure (2), no later than 1 June.

(e) Conduct an annual site survey of Barnwell Detachment Evacuation site prior to 1 June and submit an After Action Report (AAR) of the findings to Mission Assurance (MA).

(4) Manpower Officer (S-1)

(a) Serve as a member of the CMT.

(b) Conduct an annual site survey of IPAT evacuation site prior to 1 June and submit an AAR of the findings to MA.

(c) No later than 1 July, conduct a personnel accountability and reporting workshop with appropriate installation and tenant S-1 personnel managers. Review and disseminate personnel reporting instructions in the event of an evacuation. Training shall include instructions on Marine on Line (MOL) password reset for common access card (CAC) and non-CAC holders and use of MOL for reporting.

(d) In the event of an evacuation, activate the IPAT per enclosures (1) and (3).

(5) Operations, Plans and External Affairs (S-3/5/7)

(a) Director

1. Serve as a member of the CMT.

2. Provide policy and procedures for DWX.

3. Direct MCAS Beaufort DWX briefings as required.

4. As required or directed, initiate the partial or full activation of the Emergency Operations Center (EOC).

5. Serve as the EOC Senior Watch Officer (SWO).

6. Designate and maintain communication with the MCAS Beaufort liaison to the Beaufort County Emergency Management Division (BCEMD) EOC.

(b) Airfield Operations Officer

1. Serve as a member of the CMT.

2. Act as the primary liaison officer with MAG-31 for aircraft movements.

3. Provide support to aircraft evacuations, sustained recovery operations, and Defense Support to Civil Authorities (DSCA) missions, as required.

(c) Communication, Strategy and Operations Officer (COMMSTRAT)

1. Serve as a member of the CMT.

2. Provide timely accurate, and effective information to Marines, civilians, and their families through the development and implementation of MCAS Beaufort's Hurricane Season Communication Plan.

3. Coordinate as necessary with Marine Corps Recruit Depot Parris Island (MCRD PI) COMMSTRAT, Naval Hospital Beaufort Public Affairs, Marine Corps Community Services-South Carolina, Atlantic Marine Corps Communities (AMCC), and county and state public affairs officials.

4. Be prepared to activate or support a joint information center.

5. Be prepared to produce video products for command messaging and historical recordkeeping.

(d) Current Operations, Mission Assurance Officer

1. Serve as a member of the CMT.

2. Assist in maintaining and managing the MCAS Beaufort primary and alternate EOCs in support of DWX operations as outlined in references (e) and (g).

3. Execute all phases of this order.

4. Ensure all EOC personnel are trained in compliance with references (e) and (f).

5. Ensure training and activation of MCAS Beaufort Storm Spotters as required.

6. Supervise management and issue of the MCAS Beaufort allocation of Beaufort County emergency incident re-entry passes.

7. Supervise the management and audit of Memorandums of Understanding between MCAS Beaufort agencies with local government and civilian agencies and host installations.

8. Supervise an annual DWX exercise and AAR submission to the Marine Corps Installations East (MCIEAST) G-3 per reference (g).

9. Supervise end-of-hurricane season AAR submission to MCIEAST G-3 per reference (h).

10. Supervise required reporting to higher headquarters via the Marine Common Operating Picture (MCOP) and MCIEAST OMB per reference (h) and enclosure (7). Mandatory reports include: Daily Intentions Report no

later than 0830 (L); Significant Event (SIGEVENT) for TCC change no later than one hour from setting; general info situation report (SITREP) within one hour of a TCC change; and any weather event outside of the Tropical Cyclone being reported no later than 1400L (e.g., tornado).

11. No later than 1 June, supervise the conduct a DWX table-top exercise with participation by installation agencies and tenant/supported units. The exercise shall address action-sets and intra-MCAS Beaufort preparations and readiness for destructive weather events. Participants shall attend the exercise prepared to discuss DWX action-sets contained in this Order.

(6) S-4 Officer (S-4)

(a) Serve as a member of the CMT.

(b) Coordinate all logistics requirements per enclosure (1).

(c) Coordinate recovery training to MCAS Beaufort Disaster Incident Response Team (DIRT) prior to 1 June.

(7) S-6 Officer (S-6)

(a) Serve as a member of the CMT.

(b) Be prepared to distribute communication assets listed in enclosure (7).

(c) Be prepared to provide communications technicians and electronics maintainers to support the MCAS Beaufort Stay-Behind-Team and Barnwell evacuation sites.

(d) Serve as the MCAS Beaufort liaison to the 2nd Network Battalion Detachment in order to provide MCEN N/S coordination activities.

(e) Conduct an annual site survey of Barnwell evacuation area and I&I Charlotte prior to 1 June and submit an AAR to MCAS Beaufort MA.

(8) Director of Safety (Safety)

(a) Serve as a member of the CMT.

(b) Provide MCAS CO safety assessments for all actions conducted during execution of this order.

(9) Provost Marshal

(a) Serve as a member of the CMT.

(b) Provide installation physical security.

(c) Coordinate the PMO augmentation by the SAF.

(d) Participate in an annual site survey of Barnwell evacuation site and military working dog evacuation site prior to 1 June and submit an AAR of the findings to MA per references (n) and (o).

(10) Comptroller

(a) Serve as member of the CMT.

(b) Conduct an annual command brief regarding hurricane evacuation entitlements and reimbursement procedures prior to 1 June.

(11) Staff Judge Advocate (SJA)

(a) Serve as a member of the CMT.

(b) Be prepared to provide MCAS Beaufort CO legal assessments for actions conducted during execution of this order.

(12) Director, MCCS-SC

(a) Serve as a member of the CMT.

(b) Be prepared to support hurricane preparedness and evacuation recovery efforts.

(c) Update MCAS Beaufort and Laurel Bay marquees with critical information pertaining to hurricanes and harmonize social media messages with COMMSTRAT.

(13) Senior Medical Officer, MCAS Beaufort Naval Health Clinic

(a) Serve as a member of the CMT.

(b) Provide medical assessments on potential threats during post recovery efforts.

(c) Provide Preventative Medical support for water supply preparation and disease surveillance during response and recovery phases.

(d) Coordinate with Fire and Emergency Services (F&ES) on a joint medical aid-station aboard MCAS Beaufort during a severe destructive weather event.

(14) Veterinary Officer, MCRD Parris Island

(a) Be prepared to serve as a member of the CMT.

(b) Provide post storm food inspections aboard MCAS Beaufort and Laurel Bay before restoration of those services are authorized. Ensure all food spoilages are captured by MCCS-SC and/or MCAS Beaufort S-4.

c. Coordinating Instructions

(1) Tenant Commands refer to Marine Aircraft Group 31 (MAG-31), Marine Wing Support Squadron-273 (MWSS-273), Marine Air Control Squadron 2 (MACS-2)

Detachments Alpha and Early Warning/Control, Combat Logistics Company 23 (CLC-23), and Branch Medical Clinic (BMC).

(2) Tenant Commands will:

(a) Assign a DWX officer in writing and submit point of contact information to the MCAS Beaufort Installation Emergency Manager (IEM) at (843) 228-6985/7082/9918 no later than 1 June.

(b) Prior to the DWX season, designate damage assessment representative(s) to the Remain-Behind Element and submit personnel numbers and function to the MCAS Beaufort IEM.

(c) Prior to the DWX season (1 June), designate personnel and function for assignment to the H&HS Barnwell Detachment; submit personnel numbers and function to the MCAS Beaufort IEM.

(d) Designate in writing a person responsible for receipt of Meals Ready to Eat (MREs) utilizing enclosure (4) and submit to MCAS Beaufort S-4.

(e) Report planned evacuation locations for all Marines and dependents via MOL and IPAT per enclosure (1); update as required.

1. In the event the MCAS Beaufort Commanding Officer orders an evacuation, MCAS Beaufort personnel and their dependents are required to contact their administration section who will contact the IPAT at (843) 321-6682 or bfrt_ipac_omb@usmc.mil no later than 24 hours after the evacuation order is signed.

2. In the event the MCAS Beaufort Commanding Officer orders an evacuation, tenant command S-1 Officer in Charge (OIC) or Chiefs will continue to update the IPAT of accountability efforts for those personnel and dependents not accounted for after the initial 24 hours.

(f) When the MCAS Beaufort CO rescinds the evacuation order, commands are required to:

1. Attain accountability upon returning to the local area.

2. Accountability will be reported to the IPAT by command representatives.

3. After achieving 100 percent accountability, commands shall return to normal accountability procedures.

(4) Remain-behind Element/Barnwell Detachment/IPAT/MWD/BCEMD Liaison

(a) Personnel designated in enclosure (2) will:

1. Be prepared to execute their responsibilities outlined in enclosures (1) and (2).

2. Be prepared to deploy to an emergency relocation site (safe haven) upon direction from CO, MCAS Beaufort/CMT.

3. Have current certifications for their role per reference (g).

(b) Review and submit updates to enclosure (2) to CO, HQHQRON and IEM no later than 1 June or at the annual review of this Order, whichever comes first.

(5) Active duty military personnel designated in enclosure (2) shall receive and maintain the itemized CIF and Personnel Protective Equipment until they are removed from enclosure (2) with the exception of the IPAT.

(a) One modular sleeping system

(b) One goggles / safety glasses

(c) One pair of Gortex outer wear

(d) One pair of leather outer shell gloves

(e) Additional Equipment:

1. Issued weapons and ammunition (designated personnel only)

2. Overnight bag sufficient for up to 96 hours, containing at a minimum:

a. Two sets of seasonal Marine Corps Combat Utilities or appropriate civilian work clothes

b. Toiletries, towel, shower shoes

c. Prescribed medications ONLY

d. Other required personal items (comfort, snacks)

(6) Commands shall submit for evacuation travel reimbursement through the Defense Travel Management System (DTMS) by individual units instead of filing individual claims in the Defense Travel System (DTS).

(7) Forward all requests for military support from civil authorities to CO, MCAS Beaufort for action. Per reference (b) Defense Support to Civil Authorities (DSCA) requests can only be approved by the MCAS Beaufort CO.

5. Administration and Logistics.

a. This order will be reviewed annually. Recommendations for updates or changes to this order should be forwarded to the Commanding Officer MCAS for approval via the Director, S-3/5/7 MCAS Beaufort (Attn: Installation Emergency Manager).

b. Controlled Unclassified Information (CUI)

(1) Unless specifically marked as classified (e.g. Confidential, Secret, and Top Secret) the following are categories are subsets of Controlled Unclassified Information (CUI) and are to be protected in accordance with 32 CFR Part 2002: Agriculture, Critical Infrastructure,

Emergency Management, Export Control, Financial, Geodetic Product Information, Immigration, Information Systems Vulnerability Information, Intelligence International Agreements, Law Enforcement, Legal, Natural and Cultural Resources, NATO Controlled, Nuclear, Patent, Privacy, Procurement and Acquisition, Proprietary Business Information, SAFETY Act Information, Statistical and Tax.

(2) All individuals handling this information are required to protect it from unauthorized disclosure. Handling, storage, reproduction, and disposition of the attached document(s) must be in accordance with 32 CFR Part 2002 and applicable agency policy.

(3) Access to and dissemination of Controlled Unclassified Information shall be allowed as necessary and permissible to any individual(s), organization(s), or grouping(s) of users, provided such access or dissemination is consistent with or in furtherance of a Lawful Government Purpose and in a manner consistent with applicable law, regulations, and Government-wide policies.

c. Records Management. Records created as a result of this Plan shall be managed according to national archives and records administration (NARA) approved dispositions per references (q) and (r) to ensure proper maintenance, use, accessibility and preservation, regardless of format or medium. Refer to references (s) and (t) for Marine Corps records management policy and procedures.

6. Command and Signal

a. Command. This order is applicable to all MCAS Beaufort personnel and tenant commands as agreed to and as applies.

b. Signal. This order is effective the date signed.

K. R. ARBOGAST

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Chapter 1

Tropical Cyclone Condition V (TCC V) Action Sets

The potential for the occurrence of destructive weather is elevated, but no specific system threatens the area. TCC V indicates a seasonal destructive weather readiness level, (i.e. Atlantic Hurricane Season from 1 June to 30 November) is in progress or that a specific storm occurring outside of the Atlantic Hurricane Season is forecast to affect the area within 96 hours.

1. CO, HQHQRON

a. Identify a working party of 12 Marines to report to the S-4 Logistics Chief at Building 612 (Station Supply Warehouse).

b. Supervise that personnel are issued CIF gear/Personnel Protective Equipment (PPE) outlined in the coordinating instructions to military personnel designated in enclosure (2).

2. S-3/5/7

a. Execute pre-TCC/Storm coordination with the MCIEAST-MCB CAMLEJ G-3/5 to facilitate awareness on status and planned actions to deal with the pending TCC/event.

b. Implement MCAS Beaufort COMMSTRAT's Hurricane Season Communications Plan.

3. S-4

a. Request and receive 542 cases of MREs from MCRD Parris Island and store them at the MCAS Beaufort supply warehouse, Building 612.

b. Consolidate sand bags and pallets at building 612.

c. Identify trucks and forklift support for sand bag transport.

d. Inspect, fill, and chlorinate water trailers from MWSS-273 and MCAS Beaufort inventory for issue to buildings 600, 1313, 2085, 1513 and 3012.

e. Coordinate testing of potable water tank(s) (Preventive Medicine or MWSS-273).

***Note:** There is a required 24-hour wait period following treatment before testing to confirm that the water is potable.

f. Coordinate with MCAS Beaufort Comptroller and Naval Facilities Engineering Systems Command Mid-Atlantic for Global Contingency Contract (GCC) support personnel and their arrival by TCC IV, once a determination is made that GCC support is necessary.

g. Identify government vehicles for transportation of Barnwell Detachment and the Remain-Behind Element.

h. Coordinate a BRFT_JPAO message requesting that personnel place trash in dumpsters with a no-later-than date and time to allow for trash disposal prior to the onset of destructive winds.

i. Provide PMO with two pick-up trucks with 7,000 pounds of towing capacity in order to evacuate working dogs to the military working dog evacuation site.

j. Conduct visual inspections of storm drains for debris and obstructions, and clear as necessary.

4. Marine Wing Support Squadron-273. Coordinate with MCAS Beaufort S-4 on the Installation's DWX support request for inspection, filling, testing, and chlorinating water trailers.

5. All Units

a. Review local DWX plans and update recall rosters.

b. Remove all trash on-station as soon as possible in order to prevent overflowing of dumpsters. Inform personnel on the prohibition of leaving behind trash and other waste and debris once dumpsters are removed.

Chapter 2

Tropical Cyclone Condition IV Action Sets

TCC IV. A specific destructive weather system with sustained winds of 50 knots [58 miles per hour (mph)] or greater is forecast to affect the area within 72 hours.

***Note**: Beaufort County Sheriff's Office, Emergency Management Division (BCSOEMD) defines TCC IV as 72 hours prior to sustained winds over 34 knots or 39mph. MCAS Beaufort is prepared to adjust TCC settings based on BCSOEMD criteria.

1. CMT. Activate at CO's discretion.

2. CO, HQHQRON

a. Muster, brief, and exercise tactical control (TACON) of Barnwell Detachment personnel and equipment.

b. Activate the SAF and exercise TACON. Validate force structure based on cyclone strength and speed.

c. Be prepared to transfer TACON of the SAF to the PMO at TCC III.

d. Identify within the Barnwell Detachment an S-4 customer service rep for Government Commercial Purchase Card (GCPC) transactions.

3. S-1. Muster and prepare the IPAT, per enclosure (3), to deploy to designated IPAT evacuation site.

4. S-3/5/7

a. Provide SITREPS to the MCAS Beaufort CO.

b. Submit daily intentions report if the EOC is activated to MCIEAST (CG/G-3/5/EOC) no later than 0830 (L) via MCOP or OMB (General Info) after setting TCC IV per reference (j) and enclosure (9).

c. Participate in Beaufort County and State EMD Governor teleconference.

d. Activate the MCAS Beaufort EOC as required.

e. Direct transfer of aviation fuel to "C" farm and all available trucks.

f. Issue one (1) SAT phone to the Barnwell Detachment.

g. Report TCC IV via MCOP SIGEVENT entry and submit a SITREP (General Info) within one hour of setting to MCIEAST per reference (h) and enclosure (9) via MCOP or OMB.

h. Issue IPAT cell phone and charger to IPAT OIC or designee.

i. Continue MCAS Beaufort COMMSTRAT Hurricane Season Communication Plan.

5. S-4

a. Sand bag buildings 599, 601, 585, 620, 1007, 1260, 2080, 584, 1283, 616, 625, and 3012.

b. Deliver 70 cots and blankets, six flashlights with batteries, two cases of toilet paper, one box of plastic bags, one case of hand soap, and 300 hand towels to building 600.

c. Deliver 200 cots and remaining supplies to building 3012 (MCAS Gym) for use by the Barnwell Detachment.

d. Deliver 10 cots to building 601 (MCAS HQ) for use by MCAS Staff

e. Stage a box truck at building 3012 with 100 cases of MREs for use by Barnwell Detachment while deployed to Barnwell, South Carolina.

f. Operationally check all emergency generators aboard MCAS Beaufort and Laurel Bay and fill with fuel.

g. Service all available equipment, fuel trucks, and the general service administration fleet with appropriate fuel.

h. Direct and supervise contractors securing their construction areas.

i. Supervise staging identified heavy equipment and ground support assets in pre-designated areas on flight line per enclosures (6) and (7).

j. Board windows at building 566 and building 585.

k. Stage utility boats on the Visiting Aircraft Line (VAL), north of building 600.

l. Install generator at building 3012 for Barnwell Detachment use.

m. Identify an S-4 customer service representative to the Barnwell Det. for government purchase card transactions while deployed to Barnwell.

n. Support MCRD Parris Island Advance Echelon privately owned vehicles staging per enclosure (1).

o. Empty all MCAS Beaufort and Laurel Bay dumpsters and relocate flight line dumpsters to the grassy lot south of Building 565 at the end of Delalio Avenue.

p. Relocate and secure Public Works Port-a-Johns behind Building 617 behind public works.

q. Remove platform and skimmer boats from the fuel pier and stage them north of Building 600.

r. Submit the Transportation Capacity Planning Tool (TCPT) Transportation Movement Request (TMR) to MWSS-273 for required equipment to be staged in order to document equipment use for destructive weather response.

s. Acquire inventories of all Hazardous Materials and Hazardous Wastes aboard MCAS Beaufort and Laurel Bay and submit to the Emergency Operations

Center. Be prepared to maintain 100 percent accountability of these items during TCC I Recovery. Report 100 percent accountability prior to declaring "ALL CLEAR".

t. Designate a GCPC manager for the Remain Behind Element (RBE) and/or Barnwell Detachment, as required, for purchase card transactions.

6. S-6

a. Operationally check MCAS Beaufort emergency communication network.

b. Operationally check Land Mobile Radios (LMR) and ensure all radio channel programming is standardized.

c. Operationally check the two SAT phones located in the EOC.

d. Brief use of Government Emergency Telecommunications Service (GETS) cards issued to key personnel and Barnwell Detachment.

7. Safety

a. Tour the installation and report potentially hazardous situations or unsecured equipment to the owning agency. Prioritize order of corrective action(s).

b. Conduct follow-up tours as required.

8. BMC. Transfer TACON of two medical teams consisting of two Corpsman per team and requisite medical supplies to the MCAS Beaufort CO.

9. MAG-31

a. Transfer TACON of MAG-31 personnel and equipment listed in enclosure (3) to the MCAS Beaufort CO.

b. Submit administrative points of contact to IPAT OIC for evacuation accountability.

c. MAG-31 DWX Officer inform CO/CMT on status of heavy equipment and operator availability to the MCAS Beaufort Primary EOC at (843) 228-7880/6924, or the Alternate EOC at (843) 228-9927/6985, for equipment listed in enclosure (7).

10. MWSS-273

a. Transfer TACON of MWSS-273 personnel and equipment listed in enclosure (2) to the MCAS Beaufort CO.

b. Prior to staging equipment, inform MAG-31 DWXO and Flight Clearance of intended staging actions and need for radio issue in support of access to the flight line. Stage identified heavy equipment and ground support assets in pre-designated areas on MCAS Beaufort flight line per enclosures (1) and (6).

c. Inform MAG-31 DWXO and CMT on status of heavy equipment and operator availability to the MCAS Beaufort Primary EOC at (843) 228-7880/6924, or the Alternate EOC at (843) 228-9927/6985, for equipment listed in enclosure (7).

11. Other Tenant Commands. Submit an administrative point of contact to the IPAT OIC for evacuation accountability.

12. All Units

a. Brief personnel regarding storm potential and required action sets.

b. Inspect and secure buildings and areas of responsibility.

c. Unit DWX Officers report the setting of TCC IV to MCAS Beaufort Primary EOC at (843) 228-7880/6924 or if designated, the Alternate EOC at (843) 228-6985/9918.

Chapter 3

Tropical Cyclone Condition III Action Sets

TCC III. A specific destructive weather system with sustained winds of 50 knots (58 mph) or greater is forecast to affect the area within 48 hours.

***Note**: BCSOEMD defines TCC III as 48 hours prior to sustained winds over 34 knots or 39 miles per hour. MCAS Beaufort is prepared to adjust TCC settings based on BCSOEMD criteria.

1. CMT

a. Commence 24-hour operations.

b. Participate in Beaufort County and State EMD Governor teleconferences as required.

c. Provide SITREPs to the MCAS Beaufort CO.

d. Submit assault support requests to MCIEAST for transport of personnel and equipment as required.

e. Determine criteria for evacuation and make recommendation to MCAS CO per enclosure (1) no later than 36 hours prior to forecasted landfall of tropical storm force winds.

(1) Decision to evacuate should be made based on forecasted threat to the local area, Governor's decision to evacuate Zone A (Beaufort County), and operational status of local hospital emergency room services.

(2) Minimum evacuation distance recommended is 120 miles west or north of MCAS Beaufort.

(3) Maximum evacuation distance will be defined based on category rating, speed, and track specific to the DWX event.

2. XO, MCAS Beaufort. Designate additional CMT staff members as required.

3. CO, HQHQRON

a. Consolidate and stage Barnwell Detachment government vehicles and equipment at Building 600.

b. Stage Barnwell Detachment privately owned vehicles (POV) per enclosures (1) and (6).

c. Transfer TACON of the SAF to the PMO.

4. S-1

a. Notify personnel and family members at the Naval Consolidated Brig Charleston and at Townsend Bombing Range, of intent to evacuate.

b. Maintain persistent accountability of all personnel listed in enclosure (3).

c. Stage the two IPAT government vehicles and equipment at Building 600.

d. Stage IPAT POVs per enclosure (6).

e. If an evacuation is ordered, deploy the IPAT to designated deployment site and monitor progress.

f. Upon IPAT arrival to designated deployment site, report the establishment of IPAT to the Primary or Alternate EOC.

5. S-3/5/7

a. Fully activate the EOC.

b. Direct Townsend Bombing Range Complex personnel to secure and vacate the facility. (Consider advanced notice based on tropical cyclone track, speed and distance).

c. Be prepared to issue Re-Entry cards to authorized personnel. Re-entry badges and cards are kept at Bldg 600 Alternate EOC. Call IEM at x-6985/9918 for information.

d. Submit daily intentions report to MCIEAST (CG/G-3/5/EOC) NO LATER THAN 0830 (L) via MCOP or OMB (General Info) after setting TCC III per reference (g) and enclosure (9).

e. Report TCC III via MCOP SIGEVENT within one hour of setting to MCIEAST per reference (j) and enclosure (9) and a situation report via MCOP or OMB (General Info).

f. Issue radios with channel sheets to CMT. Ensure all movement on the Airfield is conducted on ATC channel and broadcast in the blind if the tower is not manned.

g. Establish EOC Battle Rhythm and post in EOC; update daily.

h. COMMSTRAT continue MCAS Beaufort's Hurricane Season Communication Plan.

6. S-4

a. Complete the staging of heavy equipment and ground support assets in the pre-designated areas per enclosures (1) and (6).

b. Consolidate all installation ammunition and explosives (A&E) requiring intrusion detection systems (IDS) monitoring to magazines in the area of Station Ordnance.

c. Following A&E consolidation, provide PMO a list of ordnance magazines requiring routine patrol in the event an IDS becomes inoperable.

d. Issue ammunition to personnel as required (e.g., SAF).

e. Designate personnel and vehicles to deploy with the Barnwell Detachment per Appendix A, Figure A-1.

f. Issue two government vehicles to the IPAT for deployment to the IPAT deployment site.

g. If evacuation is ordered, issue a "stop work" order and verify construction and service contractors have secured and vacated worksites.

h. Support inspection of base housing for those who do not evacuate. Issue a warning notice and make reports to the EOC.

i. Coordinate with MCAS Beaufort Comptroller for designated funds to support recovery and clean-up efforts.

7. S-6

a. In coordination with MAG-31, establish a communications network per with the EOC and emergency agency remain-behind elements.

b. Provide two S-6 Marines to the IPAT to deploy to IPAT evacuation site.

8. Safety. Conduct final tour of the installation and report unsecured equipment to the owning agency for corrective action(s).

9. Security Manager. Execute Emergency Response Plan for classified materials.

10. PMO

a. Assign personnel to the Remain-Behind Element and Barnwell Detachment per Appendix A.

b. On order, accept TACON of the SAF from HQHQRON.

c. Evacuate MWD detachment to evacuation site.

d. Ensure sufficient ammunition for the SAF is maintained within the Ready-For-Issue (RFI) Room. Be prepared to store SAF weapons within the PMO RFI if required during a DWX evacuation.

e. If evacuation is ordered, facilitate departure of Air Station and Laurel Bay housing personnel and perform security checks until all personnel are evacuated.

f. Support MCRD PI in staging government vehicles and POV per enclosure (6).

11. MCCS-SC

a. Stage and secure two shallow-water capable boats with trailers, in the hangar designated by the MCAS Beaufort S-4. Two full five gallon gas containers will be stored in T&H Motor Pool, Bldg 843.

b. Transfer the MCAS Beaufort Marine Mart keys to MCCS-SC RBE personnel.

12. MAG-31

a. Coordinate with MCAS Explosive Ordnance Disposal (EOD) to consolidate all AA&E requiring IDS monitoring.

b. Report status of MAG-31 Hurricane Evacuation (MAG HURREVAC) plan execution to MCAS Beaufort Primary EOC at (843) 228-7880/6924, or if designated, the Alternate EOC at(843) 228-6985/9918.

13. MWSS-273

a. Complete the staging of heavy equipment and ground support assets in the pre-designated areas per enclosures (1) and (6).

b. Attach support personnel to the Barnwell Detachment.

c. Issue (6) 7-ton trucks to the PMO for use at MCRD PI. (PMO is responsible for providing qualified drivers).

d. Provide (1) MAC-50 All Terrain Crane (ATC) and (2) TRAMs with forklift capability.

14. All Units

a. Input anticipated evacuation site information in MOL.

b. Unit DWX Officers report setting of TCC III. If an evacuation is ordered, Unit DWX Officers report evacuation complete to MCAS Beaufort Primary EOC at (843) 228-7880/6924 or if designated, the Alternate EOC at (843) 228-6985/9918.

Chapter 4

Tropical Cyclone Condition II Action Sets

TCC II. A specific destructive weather system with sustained winds of 50 knots (58 mph) or greater is forecast to affect the area within 24 hours.

* Note: BCSOEMD defines TCC II as 24 hours prior to sustained winds over 34 knots or 39 mph. MCAS Beaufort is prepared to adjust TCC settings based on BCSOEMD criteria.

1. CMT. Provide SITREPs to the MCAS Beaufort CO.

2. CO, HQHQRON

a. On order:

(1) Direct all UC-12s aircraft to stage in hangar or fly to safe haven.

(2) Relocate Barnwell Detachment personnel to Building 3012.

(3) Deploy the Barnwell Detachment to the safe haven in Barnwell, SC via ground transport escorted by BCEMD. Report arrival of the Barnwell Detachment at the Barnwell evacuation site to EOC.

(4) Assume duties as the Headquarters Commandant at the Barnwell evacuation site.

(5) Be prepared to receive additional personnel (i.e., RBE) at the Barnwell evacuation site in the event a storm's track and strength necessitate evacuation of the RBE.

3. S-1

a. Maintain 100 percent accountability of all personnel listed in enclosures (2) and (3).

b. Maintain direct coordination with and provide updated locations of personnel in enclosures (2) and (3) to the IPAT.

c. Provide routine accountability updates to the EOC and the MCAS Beaufort CO.

4. S-3/5/7

a. Submit daily intentions report to MCIEAST (CG/G-3/5/EOC) no later than 0830 (L) via MCOP or OMB (General Info) after setting TCC II per reference (j) and enclosure (9).

b. Report TCC II via MCOP SIGEVENT within one hour of setting to MCIEAST per reference (j) and enclosure (9) and a situation report via MCOP or OMB (General Info).

c. Stage all fuel trucks at Charlie Tank Farm.

d. COMMSTRAT continue MCAS Beaufort's Hurricane Season Communication Plan.

5. S-4

a. Transfer personnel and designated emergency vehicles to the Barnwell Detachment for deployment to Barnwell, SC.

b. Secure Hangar Fire suppression Systems.

c. Secure power to pre-determined buildings/areas.

d. Ensure that Lock Cooling Enable is selected to "ON" in the Public Works Facility Related Control System in order to allow the heating, ventilation, and air conditioning to start automatically once electric power is restored.

6. MAG-31

a. Hangar all remain behind aircraft and secure all hangar/building doors and windows.

b. Report building/hangar number and number of hangered aircraft to MCAS Beaufort Primary EOC at (843) 228-7880/6924, or if designated the Alternate EOC at (843) 228-6985/9918.

c. Report status of the MAG HURREVAC plan execution to the MCAS Beaufort EOC.

7. MWSS-273. Attach support personnel to the MCAS Beaufort Remain-Behind Element and Barnwell Detachment per Appendix A, enclosure (2).

8. All Units

a. Unit DWX Officers report setting of TCC II to the MCAS Beaufort EOC at (843) 228-9917/9926/6985.

b. If an evacuation is directed, units will inspect areas of responsibility for personnel not authorized to remain behind under this Order. Personnel will be directed to evacuate or if extenuating circumstances prevent evacuation, personnel will be directed to a designated location and a report made to the MCAS EOC of number of personnel and sheltering location.

c. Upon setting of TCC I, be prepared to provide reporting on personnel designated by the unit to remain-behind during a directed evacuation. Reporting shall include number of personnel and location (building number). Personnel that remain behind shall be designated in this Order and considered "essential" to post-storm damage assessment and recovery. Units shall plan for the fewest number of personnel to remain behind, i.e., assigned to RBE, as these personnel are subject to CO, MCAS/CMT directive to evacuate to safe haven via unit or personal means should the situation warrant.

Chapter 5

Tropical Cyclone Condition I Action Sets

TCC I. A specific destructive weather system with sustained winds of 50 knots (58 mph) or greater is forecast to affect the area within 12 hours.

* Note: Beaufort County Sheriff's Office, Emergency Management Division defines TCC I as 12 hours prior to sustained winds >34kts/39mph. MCAS Beaufort is prepared to adjust TCC settings based on BCSOEMD criteria.

1. CMT

a. Provide SITREPs to MCAS CO.

b. Evaluate conditions in order to recommend setting the Air Station and Laurel Bay housing at FPCON C modified.

c. Recall all Remain-Behind Element personnel to Building 601 and 600 with the exception of F&ES, ARFF, Public Works, S-6, and PMO personnel, who will shelter in buildings per enclosure (2). Note. In the case of a major storm, Public Works and MWSS-273 personnel will relocate to Building 600 to avoid isolation by flooding. If the Barnwell Detachment remains at MCAS Beaufort, detachment personnel will remain in building 3012 (Fitness Center).

d. Monitor all outdoor activities and direct and control personnel movements outdoors.

e. Direct use of the buddy system, two-way radio communications with EOC, and wearing of PPE, as required, for all personnel requiring outdoor movements:

(1) Goggles / safety glasses

(2) Rain gear

(3) Leather gloves

2. S-1. Maintain persistent accountability of all personnel listed in enclosure (3).

3. S-3/5/7

a. Submit daily intentions report to MCIEAST (CG/G-3/5/EOC) no later than 0830 (L) via MCOP or OMB (General Info) after setting TCC I per reference (j) and enclosure (9).

b. Report TCC I MCOP SIGEVENT within one hour of setting to MCIEAST per reference (j) and enclosure (9) and submit a SITREP via MCOP or OMB (General Info).

c. Confirm what critical services remain within the county post-HURREVAC. (i.e., fire and rescue, emergency medical services, law enforcement, hospitals, Dominion Energy and public utilities).

d. COMMSTRAT continues execution of MCAS Beaufort's Hurricane Season Communication Plan.

4. S-4

a. F&ES (supported by PMO) shall search barracks and outlying squadron areas for personnel who are not authorized to remain behind.

b. Perform a final sweep of base housing to confirm resident address and pertinent info. Report findings to the EOC.

c. F&ES shall stand up a temporary medical aid station in Bldg 2085 in the event all hospitals are evacuated. Coordinate with the MCAS Beaufort Medical Clinic for aid station augmentation.

d. F&ES shall be prepared to accept a contingent of ARFF personnel at the Fire Station per Appendix A, enclosure (2), Figure A-2.

5. PMO. Search barracks and outlying squadron areas for personnel that are not authorized to remain behind. Report findings to the EOC. Coordinate this effort with Fire and Emergency Services.

6. BMC

a. Coordinate with F&ES for temporary medical aid station capability. Co-locate BMC corpsman with F&ES medical capability at Bldg 2085 (Fire Station).

b. Ensure BMC temporary medical aid station is in possession of radios equipped with F&ES dispatch channel.

7. MAG-31. Report completion of MAG-31 HURREVAC execution to the MCAS Beaufort Primary EOC at (843) 228-7880/6924, or if designated, the Alternate EOC at (843) 228-6985/9918

8. All Units

a. Unit DWX Officers report setting of TCC I to MCAS Beaufort Primary EOC at (843) 228-7880/6924 or if designated, the Alternate EOC at (843) 228-6985/9918.

b. Report to the MCAS Beaufort EOC number of personnel and location designated by the unit to remain-behind to support post-storm assessment.

Chapter 6

Tropical Cyclone Condition I Caution

TCC I Caution (TCC IC). A specific destructive weather system with sustained winds of 50 knots (58 mph) or greater is forecast to affect the area within six hours.

* Note: BCSOEMD defines TCC I as six hours prior to sustained winds over 34knots or 39 mph. MCAS Beaufort is prepared to adjust TCC settings based on BCSOEMD criteria.

1. CMT

a. Provide SITREPs to the MCAS Beaufort CO.

b. Recommend setting the Air Station and Laurel Bay housing at FPCON D. Secure Laurel Bay and place barriers at all entries and exits.

c. Direct all outdoor activities to cease.

d. Direct and control all personnel movements outdoors.

(1) Personnel movements outside will be minimized during TCC IC.

(2) All first responder personnel will relocate to their designated locations aboard MCAS Beaufort.

(3) First responders will only respond to life safety incidents during TCC IC as approved by the MCAS Beaufort CO.

e. Mandatory use of the buddy system, two-way radio communications with EOC, and wearing of PPE for all personnel requiring outdoor movements:

(1) Goggles / safety glasses

(2) Rain gear

(3) Leather gloves

2. S-3/5/7

a. Submit daily intentions report to MCIEAST (CG/G-3/5/EOC) daily NO LATER THAN 0830 (L) via MCOP or OMB (General Info) after setting TCC IC per reference (j) and enclosure (9).

b. Report TCC IC MCOP SIGEVENT within one hour of setting to MCIEAST and situation report via MCOP or OMB (General Info) per reference (g) and enclosure (7).

c. Maintain a 24 hour EOC watch until return to TCC V.

d. Maintain a logbook to monitor all base movement.

e. COMMSTRAT implement MCAS Beaufort's Hurricane Season Communication Plan.

3. All Units. Unit DWX Officers report setting of TCC IC and confirm remain behind personnel and location to MCAS Beaufort Primary EOC at (843) 228-7880/6924 or if designated, the Alternate EOC at (843) 228-6985/9918.

Chapter 7

Tropical Cyclone Condition I Emergency (Impact)

TCC I Emergency (TCC IE). The area is currently experiencing a specific destructive weather system with sustained winds of 50 knots (58 mph) or greater.

* Note: BCSOEMD defines TCC I experiencing sustained winds over 34 knots or 39 mph. MCAS Beaufort is prepared to adjust TCC settings based on BCSOEMD criteria.

1. CMT

a. Provide SITREPs to the MCAS Beaufort CO.

b. Direct all personnel to shelter in place; outside movements are prohibited.

c. Priority for maintaining lines of communications: BCEMD, Barnwell Detachment, MCIEAST, IPAT, tenant commands, Tri-Command units.

d. Disseminate criteria/conditions for transitioning to Tropical Cyclone Condition I Recovery after the DWX system has passed.

2. S-3/5/7

a. Submit daily intentions report to MCIEAST (CG/G-3/5/EOC) daily no later than 0830 (L) via MCOP or OMB (General Info) after setting TCC IE per reference (j) and enclosure (9).

b. Report TCC IE MCOP SIGEVENT within one hour of setting to MCIEAST and situation report via MCOP or OMB (General Info) per reference (j) and enclosure (9).

c. Maintain a 24 hour EOC watch until return to TCC V.

d. COMMSTRAT implement MCAS Beaufort's Hurricane Season Communication Plan.

3. All Units. Unit DWX Officers report setting of TCC IE to MCAS Beaufort Primary EOC at (843) 228-7880/6924, or if designated the Alternate EOC at (843) 228-6985/9918.

Chapter 8

Tropical Cyclone Condition I Recovery (TCC IR)

TCC I Recovery. The destructive weather system has passed the area, but safety and storm hazards remain. All orders, restrictions, and guidance established in previous TCCs remain in effect.

1. CMT

a. Submit daily intentions report to MCIEAST (CG/G-3/5/EOC) daily no later than 0830 (L) via MCOP or OMB (General Info) after setting TCC IR per reference (j) and enclosure (9).

b. Report TCC IR MCOP SIGEVENT within one hour of setting to MCIEAST and situation report via MCOP or OMB (General Info) per reference (j) and enclosure (9).

c. Execute plan that supports the return to normal operations by eliminating or mitigating unsafe conditions, reestablishing services, utilities, transportation systems, clearing debris, and performing essential repairs.

d. Post Storm Priorities

(1) Security/Command and Control. Security and accountability of MCAS Beaufort personnel and equipment will be conducted by the Remain-Behind Element and augmented by the Barnwell Detachment.

(2) Assessment. The assessment of critical infrastructure initially will be conducted by the Remain-Behind Element damage assessment teams (DAT) and damage assessment personnel from the Barnwell Detachment. Injury reports will immediately be reported via 911 Dispatch followed by reporting to the EOC. Infrastructure damage assessments will be reported to the EOC for consolidation, validation, and prioritization of recovery actions. F&ES will proceed to Laurel Bay to check status of remain-behind residents and perform Urban Search and Rescue as required. The MCAS Beaufort S-3/5/7 and S-4 will populate the Recovery database to collect reports for damages to both the Air Station and Laurel Bay housing and develop a plan of action for each 12- hour shift of work. Damage assessment of Townsend Bombing Range (TBR) will occur in a similar manner as soon as conditions in that local area allow.

(3) Restoration of Services. Based on assessment reports, projected repair timelines, priority of work and contingency plans will be developed and executed per reference (k).

(4) Return from Evacuation. Specific directives will be established based on progress in restoring services, safety inspections aboard MCAS Beaufort and Laurel Bay, and guidance established by state and county officials. Upon the MCAS Beaufort CO vacating the evacuation order, COMMSTRAT will prepare social media products and MA will notify personnel to return via Mass Notification systems.

(5) Return to Normal Operations. A determination to return to normal operations will be made based on critical infrastructure readiness, life safety, and logistical readiness. Submit a SITREP to MCIEAST (CG/G-3/5/EOC)

within six hours of designating All Clear and returning to TCC V via MCOP or OMB (General Info) per reference (j) and enclosure (9).

e. Post Storm Tasks

(1) CMT

(a) Prepare recommendations for the MCAS Beaufort CO for daily personnel restrictions and prioritization of recovery efforts.

(b) Develop a watch bill and battle rhythm schedule to sustain work efforts and reporting for the duration of TCC IR.

(c) Be prepared to (BPT) transition recovery operations to S-4 in order to rescind evacuation order.

(d) BPT support DSCA requests as tasked by higher headquarters per references (b) and (c).

(2) S-1

(a) Provide EOC clerks to sustain reporting to higher headquarters.

(b) Prepare accountability tracking reports until ALL units are confirmed safely at home station.

(3) S-3/5/7

(a) Supervise post-storm life safety assessment and infrastructure damage assessment for the Installation.

(b) Provide weather brief to recovery teams prior to each work cycle.

(c) Sustain reporting and resource requests as required to higher and adjacent commands.

(d) Collect and compile casualty and damage assessments during and after each work cycle.

(e) Be prepared to issue order of return of reentry pass holders as directed by the MCAS Beaufort CO.

(f) Coordinate daily prioritization of work efforts with the S-4 in developing the following days' work cycle.

(g) Prepare reporting products for the MCAS Beaufort CO daily SITREP to the MCIEAST CG.

(h) COMMSTRAT implement MCAS Beaufort's Hurricane Season Communication Plan.

(4) S-4

(a) Prepare daily work priorities for execution.

(b) Compile expenditures for recovery operations and damages for submission to the Comptroller.

(c) Provide subject matter experts to determine areas unsafe for entry.

(d) Maintain a hasty medical treatment site at Structural Fire Station until local hospitals are available to provide services.

(e) Provide daily safety briefs to the recovery teams prior to each work cycle.

1. Supervise the employment of chainsaws and other high-risk equipment used by trained personnel. Principal users are F&ES, ARFF, and MWSS-273 personnel.

2. Designate and brief Safety Officers to supervise working parties performing high-risk recovery actions.

(5) CO, HQHQRON

(a) Provide SAF to PMO to augment security of critical assets aboard MCAS Beaufort.

(b) Provide augmentation to recovery teams.

(6) MCRD PI Veterinarian

(a) Inspect all perishable food sites aboard MCAS Beaufort.

(b) Provide veterinary services to military working dogs upon their return from evacuation.

(7) SJA. Provide legal advice to MCAS Beaufort CO for the duration of recovery efforts.

(8) MCCS-SC

(a) Assess and report damage to MCCS facilities.

(b) Be prepared to offer services to families upon termination of evacuation order.

(9) Chaplain. Provide support to the EOC and be prepared to provide counselling and/or chapel services for extended recovery operations.

(10) PMO

(a) Maintain security of installation.

(b) Report any incidents at MCAS Beaufort and Laurel Bay.

(11) Tenant Commands

(a) Provide manpower and equipment for duration of recovery operations. Coordinate with the MCAS EOC prior to releasing personnel and assets from recovery operations.

(b) Provide the MCAS EOC a daily SITREP of manpower and equipment.

(c) Provide the MCAS EOC damage assessment updates and a daily recovery accomplishments report.

(d) Maintain accountability of both personnel on-hand and evacuated.

Chapter 9

DEFINITIONS AND INFORMATION

1. Weather Terminology Link. The web-link provided contains comprehensive weather terminology information: http://www.weather.gov/glossary/.

2. DWX Events Links. For further information regarding current DWX events, the following web-links are recommended:

a. National Hurricane Center - http://www.nhc.noaa.gov

b. Weather Underground - http://www.intellicast.com

c. National Weather Service Radar - http://www.nws.noaa.gov/radar_tab.php

d. National Weather Service - http://www.weather.gov/

3. Tropical Storm Systems

a. Saffir-Simpson Scale. This scale was developed in an effort to estimate the possible damage a hurricane's sustained winds and storm surge could have on a coastal area. The scale of numbers is based on actual conditions at some time during the life of the storm. As the hurricane intensifies or weakens, the scale number is reassessed accordingly. The following table shows the scale broken down by central pressure, winds, and storm surge:

Category	Central Pressure (mb)	Wind Speed (mph)	Storm Surge (ft)	Damage
1	980 or >	74 - 95	4 - 5	Minimal
2	965 - 979	96 - 110	6 - 8	Moderate
3	945 - 964	111 - 130	9 - 12	Extensive
4	920 - 944	131 - 155	13 - 18	Extreme
5	< 920	> 155	> 18	Catastrophic

b. Tropical Cyclone. A warm-core, non-frontal synoptic scale cyclone, originating over tropical or subtropical waters with organized deep convection and a closed surface wind circulation about a well-defined center. Tropical Cyclone Classification:

(1) Tropical Wave. A trough or cyclonic curvature maximum in the trade wind easterlies. The wave may reach maximum amplitude in the lower middle troposphere or may be the reflection of an upper troposphere cold low or an equator ward extension of a mid-latitude trough.

(2) Tropical Disturbance. A discrete tropical weather system of apparently organized convection generally 100 to 300 miles in diameter originating in the tropics or subtropics, having a non-frontal migratory character, and maintaining its identity for 24 hours or more.

(3) Tropical Depression. A tropical cyclone in which the maximum one minute sustained surface wind is 33 knots (38 mph) or less.

(4) Tropical Storm. A tropical cyclone in which the maximum one minute sustained surface wind ranges from 34 to 63 knots (39 to 73 mph) inclusive.

c. Hurricane. A tropical cyclone in the Atlantic, Caribbean Sea, Gulf of Mexico, or eastern Pacific, in which the maximum one minute sustained surface wind is 64 knots (74 mph) or greater.

(1) Category One. Winds 74-95 mph [64-82 knots or 119-153 kilometers per hour (km/hr)]. No significant damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Some damage to poorly constructed signs. Also, some coastal road flooding and minor pier damage.

(2) Category Two. Winds 96-110 mph (83-95 knot or 154-177 km/hr). Some roofing material, door, and window damage to buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Coastal and low-lying escape routes flood two to four hours before the arrival of the hurricane center. Small craft in unprotected anchorages break moorings.

(3) Category Three. Winds 111-130 mph (96-113 knots or 178-209 km/hr). Some structural damage to small residences and utility buildings with a minor amount of curtain wall failures. Damage to shrubbery and trees with foliage blown off trees and large trees blown down. Mobile homes and poorly constructed signs are destroyed. Low-lying escape routes are cut by rising water three to five hours before the arrival of the center of the hurricane. Flooding near the coast destroys smaller structures with larger structures damaged by battering from floating debris. Terrain continuously lower than five feet above mean sea level may be flooded inland eight miles (13 km) or more. Evacuation of low-lying residences within several blocks of the shoreline may be required.

(4) Category Four. Winds 131-155 mph (114-135 kt or 210-249 km/hr). More extensive curtain wall failures with some complete roof structure failures on small residences. Shrubs, trees, and signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Low-lying escape routes may be cut by rising water 3-5 hours before arrival of the center of the hurricane. Major damage to lower floors of structures near the shore. Terrain lower than 10 feet above sea level may be flooded requiring massive evacuation of residential areas as far inland as 6 miles (10 km).

(5) Category Five. Winds greater than 155 mph (135 knot or 249 km/hr). Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. All shrubs, trees, and signs blown down. Complete destruction of mobile homes. Severe and extensive window and door damage. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the center of the hurricane. Major damage to lower floors of all structures located less than 15 ft above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within 5-10 miles (8-16 km) of the shoreline may be required. Saffir/Simpson Hurricane Damage Potential Scale categories are not to be confused with conditions of readiness.

4. Non-Tropical Storm Systems

a. Thunderstorm Watches and Warnings. Thunderstorm watches and warnings issued by MCIEAST Regional Meteorological Center.

b. Thunderstorm Watch (T2). Destructive winds and accompanying thunderstorms are within 25 nautical miles (NM) or expected within six hours. Associated lightning/thunder torrential rain, hail, downbursts, and sudden wind shifts are possible. Take precautions that will permit establishment of an appropriate state of readiness on short notice. Note: Mass notification terminology is "T2."

c. Thunderstorm Warning (T1). Destructive wind and accompanying thunderstorms are within 10 NM or expected within one hour. Associated lightning/thunder, torrential rain, hail, downbursts, and sudden wind shifts are possible. Take immediate safety precautions and shelter. Note: Mass notification terminology is "T1."

d. Severe Thunderstorm Watch (Severe T2). Severe thunderstorms are defined as having wind speeds of greater than 50 knots, hail with diameter greater than three-quarters of an inch and or tornadoes. Destructive winds accompanying the severe thunderstorms are within 25 NM, or expected within six hours. Associated lightning/thunder, torrential rain, hail, severe downbursts, sudden wind shifts and tornado activity are possible. Take precautions that will permit establishment of an appropriate state of readiness on short notice. Additionally this warning will be set if any portion of the installation is within a National Weather Service Watch Box and the weather is progressing as forecasted.

e. Severe Thunderstorm Warning (Severe T1). Severe thunderstorms are defined as having gusts of wind greater than 50 knots, hail with diameter greater than three-quarters of an inch and or tornadoes. Destructive winds accompanying the severe thunderstorms are within 10 NM, or expected within one hour. Associated lightning/thunder, torrential rain, hail, severe downbursts, sudden wind shifts and tornado activity are possible. Take immediate safety precautions and shelter. Additionally this warning will be set if any portion of the installation is within a National Weather Service Watch Box and the weather is progressing as forecasted.

f. Lightning Warnings. Lightning within five (L5), 10 (L10), 25 (L25) or 35 (35) nautical miles (NM) follow standard weather forecasting conventions wherein the forecast is centered on an airport runway complex and extend outward for the distance specified. When lightning is within five or 10 NM of the installation, all personnel should remain indoors whenever practical. Restrictions are left to the discretion of the unit commanding officers based on storm severity, mission scope, and operational necessity. During periods of extreme weather, to include lightning, all leaders, both military and civilian, should err on the side of safety when deciding to restrict outdoor movement and/or activities. Specific attention shall be given to special events that result in gathering of people outdoors such as air shows, sporting events, and physical training. Designated response personnel, whose actions are deemed mission essential shall make every effort to ensure the safety of personnel and equipment while outdoors during any severe weather or lightning event. All outdoor airfield operations support shall terminate when the duty weather forecaster advises that lightning is within five NM of MCAS Beaufort. These outside operations shall not resume until the duty forecaster

has verified that the lightning cells have moved beyond five NM range. Ordnance operations will stop when lightning cells are 10 NM range. Flight operations of the F-35, Joint Strike Fighter, will cease when lightning cells are within 35 NM range. Note: Mass notification will be"L35" "L10" and "L5".

g. Tornado Watch. Tornados are within 25 NM or expected within six hours. Additionally this warning will be set if any portion of the installation is within a National Weather Service Watch Box and the weather is progressing as forecasted.

h. Tornado Warning. Tornados are within 10 NM or expected within one hour. Additionally this warning will be set if any portion of the installation is within a National Weather Service Watch Box and the weather is progressing as forecasted.

i. Small Craft Advisory. Issued by the National Weather Service and will be disseminated as required.

j. Local Wind Warning. Sustained winds 18-33 knots or gusts to 25 knots are forecast.

k. Gale Warning. Sustained winds of 34-47 knots are forecast for harbors, inland waters, ocean areas, airfields and installations.

l. Storm Warning. Sustained wind of 48 knots or greater are forecasted for harbors, inland waters, ocean areas, airfields and installations.

m. Frost/Freeze Warning. Any time temperatures are forecasted to fall below 32 degrees Fahrenheit (F).

n. Hard Freeze Warning. Temperatures are forecast to be below 32F for more than twenty four hours or the temperature is forecast to fall below 20F.

o. Light to Moderate Snow Warning. Accumulation of up to two inches of snow in 12 hours or up to four inches in 24 hours.

p. Freezing Precipitation Advisory. Freezing precipitation will result in up to one quarter inch of accumulation.

q. Heavy Snow Warning. An accumulation of four or more inches of snow is expected within 12 hours or six or more inches in 24 hours which may be accompanied by freezing rain or sleet.

5. Warnings, Advisories and Bulletins issued by other Agencies. The following are sources of tropical cyclone specific information issued by the National Hurricane Center and/or the National Weather Service:

a. Public Advisory. Provides hurricane warning and forecast information.

b. Marine Advisory. Provides detailed hurricane track and wind field information.

c. Tropical Cyclone Update. Highlights significant changes in a hurricane between advisories.

d. Probability of Hurricane/Tropical Storm Conditions. Provides a measure of the forecast track accuracy. The probabilities have no relation to tropical cyclone intensity.

e. Hurricane Local Statements. Issued by the local National Weather Service office and provides forecasts on how the storm may impact a local area.

f. Tropical Storm Watch. Tropical storm conditions are possible in the specified area within 48 hours.

g. Tropical Storm Warning. Tropical storm conditions are expected in the specified area within 36 hours.

h. Hurricane Watch. Hurricane conditions are possible in the specified area within 48 hours.

i. Hurricane Warning. Hurricane conditions are expected within the specified area within 36 hours.

j. Winter Storm Watch. Severe winter weather conditions are forecast for the area and time designated. These conditions may include freezing rain, sleet, snow, wind, and/or ice conditions.

k. Winter Storm Warning. Severe winter weather conditions are imminent or occurring in the forecast area. These conditions may be freezing rain, sleet, snow, wind, and/or ice conditions.

l. Blizzard Warning. A considerable amount of falling and/or blowing snow with sustained winds of 35 mph (30 knots) or greater, and or visibility in snow will be one quarter mile or less, and these conditions must continue for three or more hours.

m. Tropical Cyclone Condition V (TCC V). The potential for the occurrence of destructive weather is elevated but no specific system threatens the area. TCC V indicates a seasonal destructive weather readiness level, i.e., Atlantic Hurricane Season (1 June to 30 November) is in progress or that a specific storm occurring outside of the Atlantic Hurricane Season is forecast to affect the area within 96 hours.

n. Tropical Cyclone Condition IV (TCC IV). A specific destructive weather system with sustained winds of 50 knots (58 mph) or greater is forecast to affect the area within 72 hours. As required, installations initiate a partial activation of their EOC. *BCSOEMD measures tropical cyclone conditions (TCC) with sustained winds of 34 knots/39mph.

o. Tropical Cyclone Condition III (TCC III). A specific destructive weather system with sustained winds of 50 knots (58 mph) is forecast to affect the area within 48 hours. As required, installations initiate a partial activation of their EOC. *BCSOEMD measures TCC III with sustained winds of 34 knots/39mph.

p. Tropical Cyclone Condition II (TCC II). A specific destructive weather system with sustained winds of 50 knots (58 mph) is forecast to affect the area within 24 hours. Installations initiate a full activation of their EOC. *BCSOEMD measures (TCC II) with sustained winds of 34 knots/39mph.

q. Tropical Cyclone Condition I (TCC I). A specific destructive weather system with sustained winds of 50 knots (58 mph) is forecast to affect the area within 12 hours. *BCSOEMD measures (TCC I) with sustained winds of 34 knots/39mph.

r. Tropical Cyclone Condition I Caution (TCC IC). A specific destructive weather system with sustained winds of 50 knots (58 mph) is forecast to affect the area within six hours. *BCSOEMD measures (TCC IC) with sustained winds of 34 knots/39mph.

s. Tropical Cyclone Condition I Emergency (TCC IE). The area is currently experiencing a specific destructive weather system with sustained winds of 50 knots (58 mph) or greater. *BCSOEMD measures (TCC IE) with sustained winds of 34 knots/39mph.

t. Tropical Cyclone Condition I Recovery (TCC IR). The destructive weather system has passed the area, but safety and storm hazards remain. All orders, restrictions, and guidance established in previous TCCs remain in effect. The emergency management structure is supporting the speedy return to normal operations by eliminating safety concerns, reestablishing services, utilities, and the transportation system, clearing debris, and performing essential repairs.

u. All Clear. The restrictions established in previous TCCs have been canceled; return to TCC V during the season. There is not an action set associated with this designation. It is a formal reporting process to higher headquarters once all requirements in TCC I are accomplished.

6. Emergency Management Structure. All orders, restrictions, and guidance established in previous TCCs remain in effect. The emergency management structure is affecting the speedy return to normal operations by eliminating safety concerns, re-establishing services, utilities, transportation systems, clearing debris, and performing essential repairs.

7. DWX Kit Information Links. Recommended Destructive Weather Kit information can be found at:

a. Red Cross - http://www.redcross.org

b. NWS Resource Page - http://www.nws.noaa.gov/om/brochures.shtml#other

c. USMC Emergency Site - http://www.ready.marines.mil

d. South Carolina EMD - http://www.scemd.org/

8. Evacuation Guidelines. If ordered, all personnel should evacuate inland a minimum of 120 miles. Further guidance regarding personnel accountability responsibilities and return to MCAS Beaufort procedures will be provided by the EOC as required, prior to local area departure. Updated information will be provided on the MCAS Beaufort website and by calling the MCAS Beaufort DWX

weather hotline at: (800) 343-0639. The following link provides the recommended evacuation routes from Beaufort County: (http://www.bcgov.net).

9. Designated Evacuation Shelters

a. The term "shelter" is used in this Order to identify buildings aboard the installation designated as sheltering locations for DWX organizations like the Remain-Behind Element and Barnwell Detachment, should these organizations remain on the installation during storm impact.

b. There are no designated pre-storm evacuation shelters for the general MCAS population aboard MCAS Beaufort or Laurel Bay. Where an evacuation is not directed, residents of Laurel Bay government housing are expected to shelter at residence.

c. Information for shelters within Beaufort County can be found at http://www.bcgov.net/Emerg_mgt/ shelters.php. Note. Shelters will only be available for those county residents that have no other means of shelter during a Tropical Storm. Evacuations will occur in Beaufort County for an imminent Category One Tropical Cyclone or greater. This will result in shelters closing until the Governor of South Carolina vacates the evacuation order. Shelters will reopen to support post storm recovery for residents of Beaufort County. The reopening of shelters is tied to Beaufort County authorities permitting residents to return to the local area.

10. Winter Storm Conditions. Due to the infrequency of Winter Storm Conditions in Beaufort County and limited resources to address winter storm impacts, winter storm conditions may make travel and working conditions extremely hazardous. In the event of an impending winter storm, the CMT shall convene to develop COAs for the MCAS Beaufort Commanding Officer to either modify or terminate work schedules for non-essential personnel until conditions for work and travel are more favorable. Lessons learned from Winter Storm Grayson in January 2018 did highlight the need for salt or sand for roadways, brine for vehicle gates, early messaging and roving patrols in hangars to discover compromised or bursting pipes.

APPENDIX A

Concept of Operations and Organization for MCAS Beaufort Destructive Weather Remain-Behind Element (RBE) And Headquarters and Headquarters Squadron Barnwell Detachment (Barnwell Det.)

1. Overview. This appendix provides a general illustration of the range of tropical cyclone events that could impact MCAS Beaufort. Additionally and in concert with the Marine Corps Planning Process (MCPP), planning is centered on possible enemy courses of action and for the purposes of this Order the *enemy* is represented by a tropical cyclone (hurricane) threatening MCAS Beaufort. Terms *most likely course of action* and *most dangerous course of action* are used to aid in illustrating the threat posed by an imminent storm, and the employment of the Command's two principal DWX response organizations - the Remain-Behind Element and the H&HS Barnwell Detachment. *Task organization* is also a guiding principle in this concept.

2. Background. The National Hurricane Center (NHC) categorizes tropical cyclones reaching hurricane strength (sustained winds of 74 MPH or greater) as Category 1 through 5, with category 3 through 5 further defined as a major tropical cyclone due to the elevated severity of risk these storms present to life and infrastructure. Fortunately, record of Atlantic tropical cyclones affecting the U.S. eastern seaboard indicates a low probability of a major storm (Category 3 or greater) making landfall along the coastal region of South Carolina and Georgia. Still, the possibility exists that MCAS Beaufort is directly impacted by a major tropical cyclone.

a. Since 1851, 43 recorded systems have directly impacted the South Carolina coast; four (4) made landfall as a major, Category 3 or greater, hurricane with sustained winds (winds measured over 1-minute of time) of 111 miles per hour or greater.

b. The uncertainty that often surrounds these powerful and dangerous storms compels MCAS Beaufort's preparation and where possible mitigation of effects from a major storm, including readiness for decision making that will directly impact the safety of the MCAS Community writ large and that extends to the recovery of the installation and its return to normal mission operations.

c. The National Hurricane Center (NHC) cautions agencies over undue focus on storm category when weighing DWX emergency preparations and decisions. Lower category storms should not be underestimated in terms of their potential destructive effects. Tropical cyclones are influenced by any number of climatological factors such as weather patterns like El Nino, jet-stream winds, tides and other conditions that exist prior to storm impact. The Command's monitoring and risk-assessment of tropical cyclones incorporates empirical data (certified and most up-to-date storm information) along with experience and assumptions drawn from tropical cyclones impacting the Command and cyclones having impacted other military installations along the eastern seaboard. Two examples are offered below:

(1) Oct 2016, Hurricane Matthew - the most powerful storm of the season, a Category 5 hurricane downgraded to a Category 4 that devastated parts of the Caribbean. Matthew encountered less-favorable climatological conditions for storm development as it approached the U.S. eastern sea board that further reduced its strength to that of a tropical storm. TS Matthew

skirted the coast of GA and SC delivering heavy rains and high winds to include tornadoes to the local area. Recovery of MCAS Beaufort and its return to normal operations was achieved in a matter of hours to several days.

(2) Oct 2018 Category 5 Hurricane Michael - Tyndall AFB, FL, escalated from a Category 2 to Category 5 storm within hours of impacting the Florida Panhandle. Michael met favorable conditions for development as it tracked through the eastern Gulf of Mexico, strengthening to a Category 5 hurricane directly impacting Tyndall AFB and damaging or destroying every building aboard the installation. Installation recovery required a multi-year effort. Remnants of the storm proceeded into Georgia, the Carolinas and along the eastern seaboard prompting DWX preparations in the local areas.

3. Definitions - MCAS Beaufort DWX Organizational Elements

a. Remain-Behind Element. The Remain-Behind Element or RBE is a minimally-manned organization within the installation's overall concept for DWX response and recovery. The number of personnel assigned to the RBE is purposefully kept to the minimum required. The RBE's size and composition support its principal functions of performing critical C2 and reporting, emergency services, and post-storm damage assessments by staff functional experts. Moreover, the RBE's prescribed size intentionally seeks to limit the number of personnel likely to be exposed to the dangers of a major tropical cyclone, and supports personnel accountability and safety. Finally, the RBE has the ability to relocate to the Barnwell safe haven on short notice should the DWX situation warrant RBE evacuation.

b. Barnwell Detachment. The Barnwell Detachment is comprised of the preponderance of DWX recovery personnel and specified equipment. When activated, the Barnwell Detachment is under the tactical control of CO, H&HS, to include mustering and accountability of personnel and the deployment and re-deployment of the detachment from the MCAS staging point (MCAS Fitness Center) and the Barnwell safe haven at Guinyard-Butler Middle School in Barnwell County, SC. Regardless of storm scenario or physical location, the Barnwell Detachment is under the operational control of the CO MCAS Beaufort.

c. MCASB Community. "MCASB Community" is a term used in this order to define those military and civilian personnel and family members under the authority of CO, MCAS Beaufort or commanding officers or officers in charge of tenant units. This population of personnel is not directly associated with MCAS Beaufort's concept for DWX response/recovery, i.e., these personnel are not assigned to one of the two destructive weather response/recovery organizations outlined above. However, this population however is subject to MCAS Beaufort command-directives regarding evacuation or sheltering in place during a DWX event. Additionally, this population may be directed or requested to assist in recovery efforts, situation dependent.

4. DWX Scenarios. Three (3) tropical cyclone scenarios aid in illustrating the spectrum of storm situations MCAS Beaufort could face and, relatedly, its concept for employing a Remain-Behind Element and an H&HS Barnwell Detachment. The CO, MCAS Beaufort may activate DWX response elements for any DWX event. Based on historical data, the DWX tropical cyclone scenarios likely to involve activation of the RBE and Barnwell Detachment is scenarios #2 and #3, with Scenario #2 the more likely with regard to "activation." Scenario #3 suggests the most dangerous DWX situation for MCAS Beaufort (also the least likely), and the most complex given this specific scenario involves

evacuation of non-essential personnel and relocation (off-station) of portions or all of the Command's recovery personnel and capability.

a. Scenario #1 - **No Evacuation of the MCAS Community**. CO, MCAS /CMT assess a tropical cyclone's threat to MCAS Beaufort and its installations does not warrant a directed evacuation of the MCAS community.

(1) Non-essential personnel are released to residence to shelter or seek alternate safe haven "at own expense" and are subject to recall by their supervisor.

(2) Personnel that comprise the MCAS RBE and the Barnwell Detachment conduct necessary planning and storm preparations and remain aboard the installation and/or in the local area subject to CMT direction, wait out the storm, and perform post-storm recovery actions.

(3) The combined capability of the RBE and the Barnwell Detachment remains in the local Beaufort area and at the disposal of the CO/CMT.

(4) Aircraft may be relocated out of the local area as a precautionary measure.

b. Scenario #2 - **Directed Evacuation of MCAS Community. RBE and Barnwell Detachment Are Activated and Located Aboard MCAS Beaufort**

(1) CO, MCAS/CMT assesses that the threat of a tropical cyclone to MCAS Beaufort and its installations warrants evacuation of the MCAS community (non-essential personnel and families).

(a) Governor of South Carolina has issued a mandatory evacuation order for the local area (Zone A) which encompasses all of Beaufort County and portions of other coastal regions of South Carolina.

(b) Evacuation of the MCAS Community is promulgated via a mandatory evacuation order by CO, MCAS Beaufort and codified in writing. Note: This order must occur prior to authorization to receive transportation allowances to and from the designated CONUS evacuation safe haven location in accordance with the Joint Federal Travel Regulations (JFTR).

(2) CO, MCAS Beaufort directs activation of the Remain-Behind Element and the H&HS-led Barnwell Detachment. The two DWX response/recovery organizations are prepared to:

(a) Remain aboard the installation to perform pre-storm TCC actions, shelter in designated buildings during storm impact, and perform recovery actions in a storm's aftermath. Here again, the combined capability of the RBE and the Barnwell Detachment remains in the local area and at disposal of the CO/CMT.

(b) Deploy to the Barnwell safe haven due to the severity of an impending tropical cyclone, and return to MCAS Beaufort to perform recovery actions.

(3) Aircraft are relocated out of the local area per the Air Station and MAG-31 destructive weather orders.

c. Scenario #3 - **Directed Evacuation/ Barnwell Detachment to Safe Haven/ Minimum Remain-Behind Element**

(1) MCAS CO/CMT has issued an evacuation order to the MCAS Community.

(a) Governor of South Carolina mandatory evacuation order is in effect and enforced by Beaufort County governmental and emergency agencies.

(b) The impact of a major hurricane (Cat 3+) to the local area is highly likely, if not imminent.

(2) CO, MCAS / CMT assesses the threat to MCAS Beaufort and its installations from a major tropical cyclone warrants deployment of the Barnwell Detachment to the safe haven in Barnwell, SC, in order to: 1) reduce the number of personnel exposed to the storm's increased risk to life and infrastructure and 2) preserve the preponderance of the installation's organic recovery capability.

(3) CO MCAS/CMT subsequent DWX decision is whether to shelter the Remain-Behind Element aboard the Air Station in designated buildings or direct its relocation to the safe haven in Barnwell, SC.

Note. For Scenario #3, Beaufort County's DWX contingency plan calls for relocating all or significant portions of the Beaufort County emergency agencies (Police, Fire/EMS, EOC), and county administration offices including the county's seat of government, to safe haven in Barnwell County.

5. Organizational Functions - Remain-Behind Element & Barnwell Detachment

a. Remain-Behind Element. When activated, the RBE performs critical functions of C2/reporting, recovery planning, damage assessment and provides installation physical security, limited fire and EMS, and recovery actions within its capability. These functions are performed under the operational control of the CO/CMT.

(1) Method

(a) The RBE, as the title implies, is designated to remain aboard the installation to perform critical functions after all other personnel from the Command including the Barnwell Detachment have been relocated or evacuated from MCAS Beaufort installations.

(b) RBE elements operate with like elements assigned to the Barnwell Detachment when both DWX organizations are located aboard the Air Station.

(c) The RBE is prepared to shelter aboard the Air Station in designated buildings for safety, accountability, and interoperability. Should a DWX situation warrant, the RBE may be directed to re-locate to the safe haven in Barnwell, South Carolina with the Barnwell Detachment.

(2) End State. RBE composition affords critical C2 and emergency functions and subject matter-led damage assessments in the initial aftermath of a tropical cyclone. The prescribed personnel strength of the RBE allow: 1) a minimum number of personnel to be exposed to the dangers associated with a major tropical cyclone, 2) efficient accountability and safety (designated

shelters) for RBE personnel, and 3) the agility to relocate RBE personnel to the Barnwell safe haven should the DWX situation warrant.

b. Barnwell Detachment. The Barnwell Detachment serves as CO MCAS Beaufort's recovery force and augments the Remain-Behind Element during TCC I-Recovery. Depending upon the situation, the CO may direct that the Barnwell Detachment remain aboard MCAS Beaufort (Air Station) or deploy to the safe haven in Barnwell, South Carolina.

(1) Method. The Barnwell Detachment is manned and equipped from designated agencies from the installation to provide necessary skill sets and capabilities required to execute recovery operations. Upon activation of the Barnwell Det., military and civilian personnel assigned to the detachment are subject to the direction of the CO, H&HS.

(2) End State. The Barnwell Detachment is a ready and capable force during a DWX event to support MCAS Beaufort's recovery efforts.

6. Execution. Planning factor - on order but no later than TCC II (24 hours), the HQHQRON Liaison Team and the Barnwell Detachment will deploy to Barnwell, SC. The MCAS Installation Emergency Manager will notify BCSO EMD and Barnwell EMD of the MCAS CO decision to execute this contingency plan.

a. The Barnwell Detachment, as designated in Figure A-2, will deploy via ground transportation and with vehicle routing coordinated with BCEMD. For planning purposes, the Barnwell safe haven is approximately 72 miles one way and 1.75 hours driving time. Address: Guinyard-Butler Middle School 779 Allen St., Barnwell, SC 29812.

b. The Barnwell Detachment will establish a temporary base of operations, maintain communication with the MCAS Beaufort EOC and in coordination with BCSO EMD, prepare to re-deploy to MCAS Beaufort.

(1) The planning factor for the detachment remaining in Barnwell is 96 hours. Safety and accountability of all assigned personnel, weapons and government property is paramount.

(2) Once MCAS Beaufort EOC sets TCC IR, the Barnwell Detachment will re-deploy to MCAS Beaufort, again in coordination with BCEMD.

(3) The Barnwell Detachment shall be prepared for delays during its re-deployment road-march due to downed trees and power-lines and isolated flooding along the return route. BCEMD is responsible for selecting the return route and overseeing road-clearing tasks. The OIC of the Barnwell Detachment shall organize personnel and assets to perform basic pioneering tasks within capability and as requested by BCEMD. The OIC will ensure that only trained detachment personnel perform the requested tasks.

(4) Upon return to MCAS Beaufort, the HQHQRON CO will retain TACON of the detachment until otherwise directed by MCAS Beaufort CO/CMT, and the detachment will remain under the operational control of CO/CMT in support of recovery operations.

7. Administration and Logistics

a. Official Orders. Barnwell Detachment personnel will be issued field orders.

b. Guinyard-Butler Middle School. The Barnwell County School District-45, in coordination with BCEMD and Barnwell County EMD, provides MCAS Beaufort controlled access (e.g. berthing, office space with WIFI, restrooms, weapons storage, and meals) at Guinyard-Butler Middle School as part of the Beaufort County evacuation plan. This support is codified in an Intergovernmental Support Agreement (IGSA) between the Barnwell School District-45, Barnwell EMD and MCAS Beaufort.

(1) Berthing. Barnwell Detachment will be berthed in a single facility (Guinyard-Butler Middle School) that also offers a library/media center (command post) with non-classified Internet Protocol Router (NIPR) data communication ports for unclassified communication. Fenced parking areas are available. A Barnwell School District facility manager is available on-site to assist the H&HS Barnwell Detachment Headquarters Commandant.

(2) Messing. Barnwell Detachment will be delivered three hot meals per day. The detachment will also sign for and deploy with 100 cases of MREs to be used if required.

c. Barnwell Detachment OIC. The OIC shall supervise the following:

(1) Inspect all services and supplies provided in support of the detachment.

(2) Designate an H&HS Headquarters liaison to BCEMD and Barnwell EMD for routine logistics and site support. (Squadron GySgt equivalent)

(3) Leave all facilities in the state received and return any facility keys upon departure.

(4) Communicate any issues or requests that arise during the Marine Corps use of the facilities to the Marine Corps liaison at Beaufort County Emergency Operations Center, who will then ensure the information is forwarded to Barnwell EMD.

(5) Coordinate with the MCAS Beaufort Comptroller's Office at (843) 228-7277 on all matters pertaining to the reimbursement of Barnwell County School District or BCEMD for services and supplies.

(6) Alcohol consumption is prohibited at all times during the deployment.

d. Command and Signal

(1) Upon the MCAS CO's directive to muster the Barnwell Detachment, all Barnwell Detachment personnel, military and civilian, shall fall TACON (under the direction and accountability) of the CO HQHQRON.

(2) MCRDPI personnel (approx. 42 personnel from Fire and PW) that co-locate at Guinyard-Butler Middle School will assume a "supporting" relationship to the OIC of the MCAS Beaufort H&HS Barnwell Detachment; the latter being the "supported" organization.

(a) The MCRDPI contingent will effect direct liaison with the Barnwell Detachment OIC for accountability of personnel and to provide assistance to the H&HS Barnwell Detachment Squadron GySgt while at the safe haven.

(b) The MCRDPI contingent will deploy to the safe haven via its own transportation and per MCRD Parris Island directive. Coordination with BCSO EMD is encouraged. Post-storm, the contingent will redeploy under the tactical direction of the H&HS Barnwell Detachment OIC (as an element of the larger BCEMD road-march column), and released at a pre-determined geographical location, e.g., MCAS Beaufort Main Gate intersection with Hwy 21). If the MCRDPI contingent is unable to return to Parris Island due to local conditions, coordination may be effected to stage the contingent aboard MCAS Beaufort or Naval Installation Beaufort (NMRTC) until such time as a return to MCRDPI is possible.

(3) This guidance as an element of the MCAS Beaufort Destructive Weather Operations Order constitutes an order from the MCAS Beaufort CO.

REMAIN-BEHIND ELEMENT (RBE)				
# PERSONNEL	ORG/UNIT	FUNCTION	BUILDING SHELTER	REMARKS
4	Cmd Deck	Command	Bldg 601	CO, XO, SgtMaj, SJA
5	S-3/5/7	C2/Reporting Recovery Plans RBE Accountability	Bldg 601 Bldg 600	Dir Ops, MA x2 IEM x 3 (*Alt LNO to BCSOEMD)
2	COMMSTRAT	Photo / Video	Bldg 600	
1	Air Ops	Air Field DAT	Bldg 600	
2	S-4	Reporting/DAT/Plans	Bldg 601	
1	MCCS	Facility / DAT	Bldg 601	
2	S-6	Comms Triage/DAT	Bldg 601	
10	S-4/Public Works	Utilities/DAT	Bldg 600	PWO; DPW; T&H Ops Mgr; High Volt Elect x 2; Gen Mech; Locksmith/HE Op; Condition Assessment x3; PW Utilities Dir
1	Safety	Safety/DAT	Bldg 601	
23	PMO	Physical Sec/DAT	Bldg 584	
7	F&ES	EMS/DAT/Recovery	Bldg 2085	ALS Engine; Fire Chief; includes (2) corpsman
5	ARFF	DAT/Recovery	Bldg 2085	1xP-19 w/ crew & OIC co-locate w/ F&ES
3	MAG-31	DAT/Reporting	Bldg 600	
5	MWSS-273		Bldg 600	2 x 7-ton; (1) forklift; chainsaw team
2	2ndNetBn	Reporting/DAT	703	
73				

Figure A-1, Remain-Behind Element

*DAT - Damage Assessment Team

LNO to Beaufort County EOC			
# PERSONNEL	ORG/UNIT	FUNCTION	REMARKS
1	S-3/5/7	MCAS LNO to Beaufort County Emergency Operations Center	S-3/5/7 ATO or CBRN Trng Spclst

Fort Benning (K-9) MCAS Beaufort PMO (6)			
6	PMO	PMO Dog Handlers	Funded TAD orders

H&HS BARNWELL DETACHMENT (Barnwell Det.) On-station: Bldg 3012_MCAS Fitness Center Off-station: Guinyard Butler Middle School, Barnwell, SC (GBMS)				
# PERSONNEL	ORG/UNIT	FUNCTION	BUILDING SHELTER	REMARKS
2	H&HS Cmd Group	HQ Cmdt	GBMS	CO, SgtMaj
1	H&HS	DWX OIC	GBMS	
1	H&HS	HQ Cmdt - Log	GBMS	Sqdrn GySgt
1	H&HS	Admin	GBMS	
4	H&HS	Bus Drivers	GBMS	
3	COMMSTRAT	Photo/Video	GBMS	
6	S-6	Communications	GBMS	
1	S-3	Air Ops Officer	GBMS	
1	S-3	Air Ops Chief	GBMS	
3	S-3	Air Operations	GBMS	
2	S-3	WX	GBMS	
7	ATC Controllers		GBMS	
4	ATC Maint.		GBMS	
6	S-3 Fuels		GBMS	
5	S-3 AR		GBMS	
9	S-4 Public Works		GBMS	APWO; T&H Proj Mgr; Electr; GenMech; HVAC Mech; Mech x 2; Veh Mech/HE Op; PW Motor Pool Mgr
3	BHC	Medical	GBMS	1 x MO (if avail); 2 Corpsman
38	PMO		GBMS	
10	F&ES		GBMS	Fire Chief; 1xEngine; 1xMedic 62
10	ARFF		GBMS	P-19s remain B1313
Tenant				
16	MAG-31		GBMS	
33	MWSS-273		GBMS	
1	MACS-2		GBMS	
1	CLC-23		GBMS	
168				

Figure A-2, Barnwell Detachment

* SAF personnel are embedded but not specifically annotated in the H&HS personnel numbers.

*Equipment to Barnwell:
(1) M1151/M1165 HMMVV with driver from MWSS-273
(5) Buses from MCAS Beaufort Motor Transport
(1) Water sixcon mounted on 593 trailer from MWSS-273
(4) Chainsaws with POL from MWSS-273
(1) Box truck for transport of equipment (S-4) and (2) Fuel Trucks (S-3/5/7)
(1) Engine
(1) Ambulance from MCAS Fire & Emergency Services
(1) MK-36 7-Ton Wrecker with operator from MWSS-273
(2) PRC 117 (in 7-ton Wrecker) w/ OE antenna, (1) PRC 117 w/ sat antenna from MWSS 273

Destructive Weather Emergency Relocation Site
Guinyard-Butler Middle School
779 Allen St., Barnwell, SC 29812

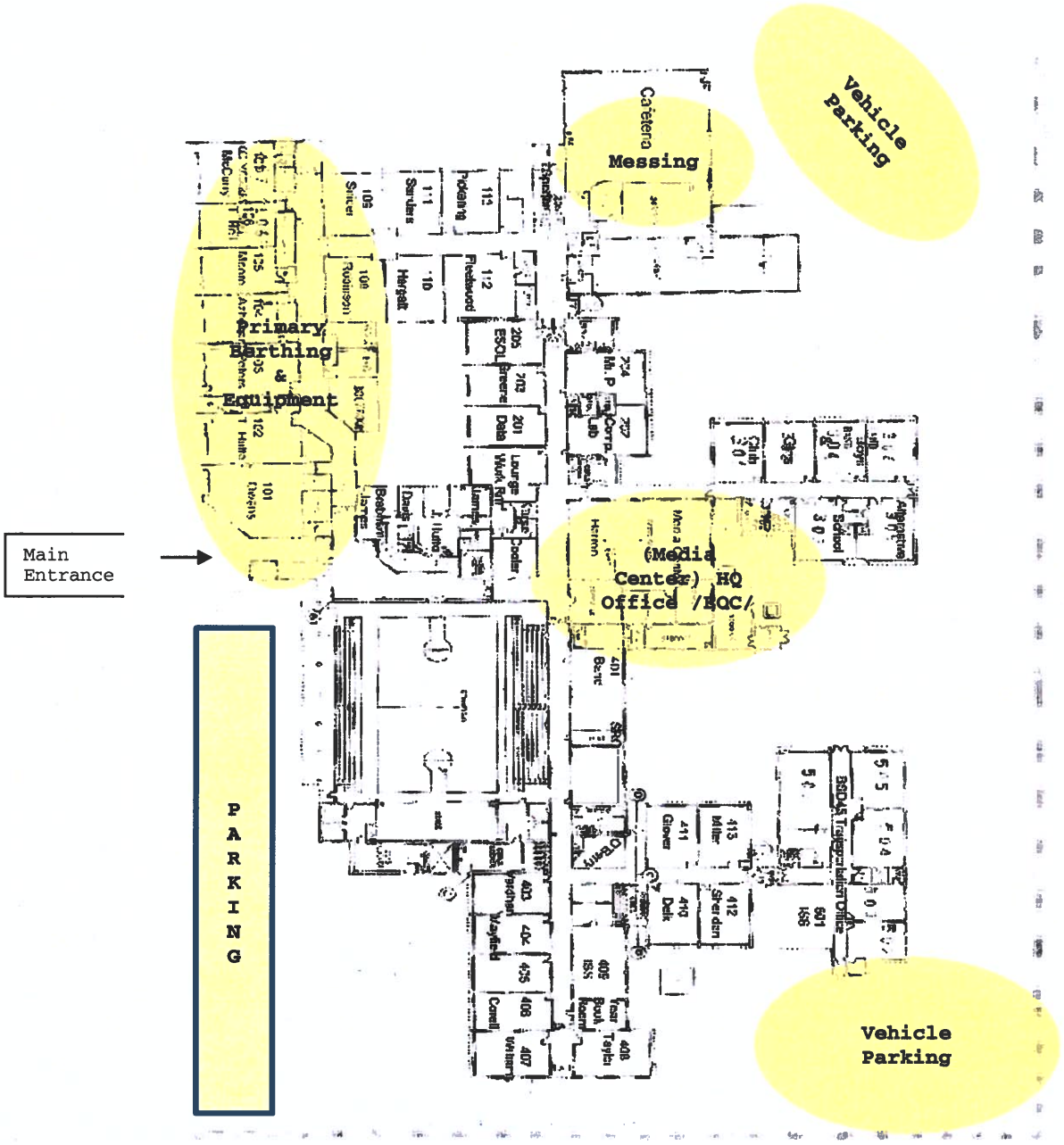

Figure A-3, Guinyard-Butler Middle School

APPENDIX B

Installation Personnel Accountability Team (IPAT) Guidance

1. Situation. If evacuation is ordered, IPAT will deploy to a pre-determined site in order to maintain uninterrupted accountability of all MCAS Beaufort personnel.

2. Mission. On order, the IPAT deploys to the IPAT evacuation site and maintains accountability of MCAS Beaufort's personnel and their dependents during an evacuation IOT accurately track personnel at their evacuation sites and fulfill higher headquarters reporting requirements.

a. Purpose. The IPAT serves as the MCAS CO's central personnel tracking and accounting agency during an evacuation.

b. Method. The IPAT is manned and relocated away from MCAS Beaufort to provide uninterrupted, off-site personnel reporting.

c. End State. The IPAT maintains 100 percent accountability of all MCAS Beaufort personnel and their dependents during an evacuation, tracking all personnel movements from departure until return back to MCAS Beaufort.

3. Execution. During TCC III (48 hours) and based on determination to evacuate MCAS Beaufort, the IPAT consisting of seven Installation Personnel Administration Center (IPAC) and two S-6 Marines will deploy to IPAT evacuation site. The IPAT will use multiple mediums (Marine Corps Total Force System, MOL, Unit Diary Marine Integrated Personnel System, telephone, and email) to maintain and update personnel and dependent evacuation locations, providing updates to the MCAS Beaufort EOC, and will coordinate with higher headquarters if MCAS Beaufort loses conductivity with MCIEAST using enclosure (7). The IPAT will redeploy back to MCAS Beaufort once the "ALL CLEAR" has been given or as directed by the MCAS Beaufort CO.

4. Administration and Logistics

a. The IPAT will be issued funded TAD orders.

b. Alcohol consumption is prohibited at all times during the deployment.

5. Command and Signal

a. All IPAT personnel are under OPCON of the MCAS Beaufort CO.

b. This guidance constitutes an order from the MCAS Beaufort CO as signed for the overall order.

c. IPAT cell phone: (843) 321-6682

d. Commercial telephone line: Report upon establishment

e. DWX hotline: 800-343-0639 (option 1 for MCAS personnel)

f. Electronic mail: bfrt_ipac_omb@usmc.mil

IPAT Accountability Team				
7		IPAC	Accountability Team and OIC	Funded TAD orders
2		S6	LAN/DATA Sustainment Team	Funded TAD orders

Figure B-1, IPAT

MRE LETTER OF AUTHORIZATION

SAMPLE FORMAT FOR LETTER

11010
(Office Code)
(Date)

From: Commanding Officer/Officer-in-Charge, Organization/Unit/Activity
To: Supply Officer, (MCAS Beaufort or MAG-31)

Subj: LETTER OF ASSIGNMENT/AUTHORIZATION TO DRAW AND MAINTAIN MRE RATIONS DURING TROPICAL CYCLONE CONDITIONS (TCC)

Ref: (a) ASO 3440.2U

1. Per the reference, the following members of (organization/unit/activity) are authorized to draw and maintain MRE rations for emergency support personnel during actual hurricane conditions.

NAME	GRADE	EDIPI or meal card #	# OF MEALS

2. The number of meals authorized shall be based on three meals per day, for _____ days, times the number of emergency support personnel to be fed.

3. When directed (during TCC II), Property Control will issue MREs to designated personnel only.

I. M. MARINE

Copy to:
DWX Officer
MCAS Beaufort S-4

RE-ENTRY PASS ROSTER (EXAMPLE)

	Billet/Position	Org/Section/ Division	Incident Emergency Response Pass	Tier 1	Tier II	Tier III	Tier IV
1	Director Operations, Plans, and External Affairs	S-3/5/7	X				
	Dep Dir, Operations, Plans, and External Affairs	S-3/5/7	X				
	Government & External Affairs Officer	S-3/5/7	X				
	COMMSTRAT	S-3/5/7	X				
	Current Operations Officer	S-3/5/7	X				
	CBRNE Officer	S-3/5/7	X				
	Emergency Manager	S-3/5/7	X				
	IEM Exercise Planner/Trainer	S-3/5/7	X				
	Logistics Officer	S-4	X				
10	Deputy Logistics Officer	S-4	X				
	Bachelor/Family Housing	S-4	X				
	Natural Resources/Environ-Spills Response	S-4	X				
	Environmental Compliance	S-4	X				
	Environmental Protection Spclst	S-4	X				
	Utilities	S-4	X				
	Fuels Supervisor	S-3	X				
	Fuels Driver	S-3	X				
	Fuels Driver	S-3	X				
	Administration (S-4)	S-4	X				
20	Administration (S-4)	S-4	X				
	Electrician	S-4	X				
	Electrician	S-4	X				
	Electrician - Generators	S-4	X				
	High Voltage Electrician	S-4	X				
	Systems Mechanic	S-4	X				
	HE Op, Wrecker Vehicle Operator	S-4	X				
	Damage Survey Team	S-4	X				
	Damage Survey Team	S-4	X				
	Damage Survey Team	S-4	X				
30	Damage Survey Team	S-4	X				
	Damage Survey Team	S-4	X				
	Damage Survey Team	S-4	X				

	Damage Survey Team	S-4	X				
	HVAC	S-4	X				
	Motor Transport Officer	S-4	X				
	Director Safety	Safety	X				
	Occupational Health	Safety	X				
	Director MCCS	MCCS-SC	X				
	Deputy Director MCCS	MCCS-SC	X				
	Operations Officer MCCS	MCCS-SC	X				
	Review Analysis MCCS	MCCS-SC MCAS	X				
	Maintenance MCCS	MCCS-SC MCAS	X				
	S-6 Officer	S-6	X				
	S-6 Telecom Officer	S-6	X				
	DODIN Lead 2d Network Bn	2ndNetWork Bn	X				
	Detachment Lead, 2dNetwork Bn	2ndNetWork Bn	X				
	DODIN 2ndNetbn SIPRNET Manager	2ndNetWork Bn	X				
	Technician	S-3		X			
	Technician	S-3		X			
50	Supervisory ATCS	S-3		X			
	Supervisory ATCS	S-3		X			
	Supervisory ATCS	S-3		X			
	Supervisory ATCS	S-3		X			
	Journeyman ATCS	S-3		X			
	Journeyman ATCS	S-3		X			
	Journeyman ATCS	S-3		X			
	Journeyman ATCS	S-3		X			
	Journeyman ATCS	S-3		X			
	Journeyman ATCS	S-3		X			
60	Journeyman ATCS	S-3		X			

	Billet/Position	Org/Section/ Division	Incident Emergency Response Pass	Tier 1	Tier II	Tier III	Tier IV
	Journeyman ATCS	S-3		X			
	Journeyman ATCS	S-3		X			
	Incident Manager 2ndNetBn	S-6		X			
	S-6 Cyber Security Manager	S-6		X			
	S-6 Outside Plant Supervisor	S-6		X			
	S-6 FM Shop	S-6		X			
	CDC Director	MCCS		X			
	Dep Dir Marine & Family Prgms	MCCS		X			
	Recreation	MCCS		X			
70	F-35 Site Security Manager	Lockheed Martin		X			
	Senior Manager, Field Support	Lockheed Martin		X			
	Maintenance Supervisor	DODEA LB Scols		X			
	Maintenance Worker	DODEA LB Scols		X			
	S-6 Telecom Coordinator	S-6			X		
	MCCS Retail	MCCS			X		
	Semper Fit Director	MCCS			X		
	IT Dept.	MCCS			X		
	Marine & Family Programs	MCCS			X		
	Fitness Center	MCCS			X		
80	FacOpsSpclst_Fort Jackson/Laurel Bay	DODEA Laurel Bay Schools			X		
	Director of Property Management	AMCC			X		
	Deputy PD	AMCC			X		
	Maintenance Manager	AMCC			X		
	Administrator	DODEA Laurel Bay Schools			X		
	Administrative Officer	DODEA Laurel Bay Schools			X		
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				

90	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
100	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	Emergency Services Dispatcher	Provost Marshall	X				
	MCESS/Alarm Tech	Provost Marshall		X			
	Physical Security Specialist	Provost Marshall		X			
	Physical Security Specialist	Provost Marshall		X			
	Physical Security Specialist	Provost Marshall		X			
	MCAS LNO to BCSO EOC (ATO)	S-5	X				
	MCAS LNO to BCSO EOC (CBRNE	S-5	X				
109	HQMC PSO	HQMC		X			

MCAS BEAUFORT EQUIPMENT STAGING PLAN

1 - Staging for MAG-31 Ground Support Equipment, Parris Island GME, and Barnwell Detachment POVs if mobilized.
2 - Staging for MWSS-273 Heavy Equipment and Recovery assets.
3 - Staging for MCAS Motor Transport assets and PMO GOV/GME

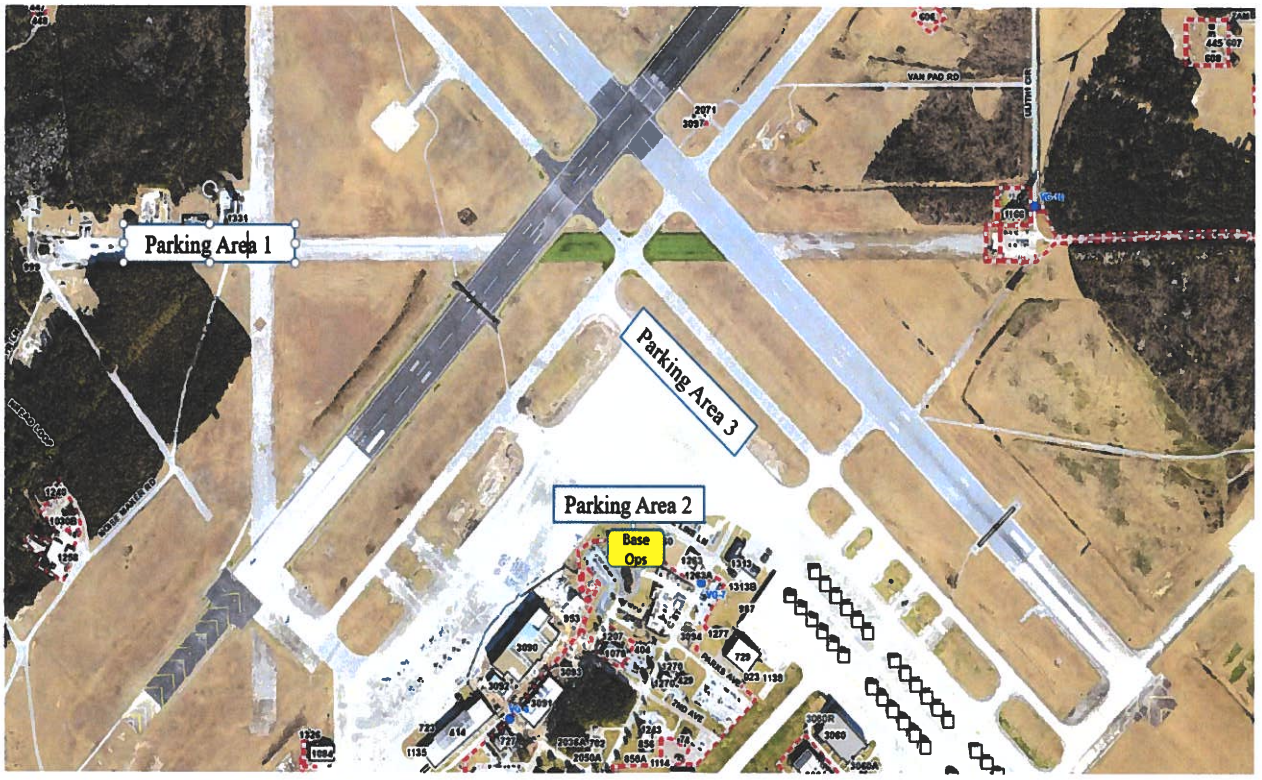

Diagram 1, MCAS Beaufort Equipment Staging Plan

MWSS-273 TACTICAL RECOVERY SUPPORT EQUIPMENT LIST

Location	Equipment
PMO, Bldg. 584	(2) Flat bed, MK23 7-Ton Trucks (For PI) (4) Covered, MK27 7-Ton Trucks w/Driver (2) Covered MK23 7-Ton trucks w/Driver
ARFF, Bldg. 1313	(1) M997 HMMWV Ambulance (1) Water Sixcon Mounted on (1) 593 Trailer
MCAS EOC, Bldg. 600	(1) M1151/M1165 HMMWV
	(4) PRC 117F Radio w/ OE antenna
	(1) Water Sixcon Mounted on (1) 593 Trailer
	(1) PRC 117F with satellite antenna
MCAS HQ, Bldg. 601	(1) M1151/M1165 HMMWV w/driver
	(2) PRC 152
	(1) VRC 110 (MCAS CO)
Laurel Bay Fire Station, Bldg. 513	(1) Water Sixcon mounted on (1) 593 Trailer (1) 30 KW Generator, on (1) 593 trailer
MCAS Gym, Gym 3012	(1) Water Sixcon Mounted on (1) 593 Trailer
MAG-31 HQ, BLDG 585	(1) MEP 1070 60Kw Generator, mounted on (1) 593 trailer
MCAS Parking Area 2 [TCC IR recovery equipment]	(1) Multi-Terrain Loader
	(1) Compact-terrain Loader
	(2) MMV 10K
	(3) TRAMs w/Buckets (*2 Needed for P.I. w/Forks)
	(2) EBFL
	(2) MTVR MK27 7-Ton truck
	(2) MTVR MK29/30 7-Ton Dump
	(2) 870 Equipment Trailer
	(4) 5Kw Floodlight sets/w trailer (*1 Needed for MCRD PI)
	(2) MKR 16 W/870
	(2) MK31 w/970 Fuel Tanker
	(5) Chainsaws with POL (staged indoors or in vehicles)
	(2) MEP 1060 30Kw Generator, on (2) 353 trailers
	(1) MEP 1070 60Kw Generator on a 7-ton
	(1) Water Purification System on 7-ton
	(2) Water SIXCON on a 7-ton
	(3) 30Kw MEPDS-R Panel in Quadcon
	(4) 5Kw Outdoor MEPDS-R Panel
	(1) MAC 50 CRANE (PI)
Location	
Barnwell (MCAS Parking Area 2)	(1) M1151/M1165 HMMVV
	(1) Water Sixcon Mounted on (1) 593 Trailer
	(1) MK28 7-Ton with (1) Fuel Sixcon
	(4) Chainsaws with POL
	(1) MK-36 7-Ton Wrecker
	(2) PRC 117 (in 7-Ton wrecker) with OE antenna
	(1) PRC 117F with satellite antenna

EVACUATION FUNDING DATA AND ORDERS TEMPLATE

1. Issuance of Evacuation Orders and Settlement of Travel Claims

a. Military Members and Department of Defense (DoD) Civilian Employees. In the event of an ordered evacuation, all military members and DoD civilian employees will be issued Temporary Additional Duty (TAD) orders via the DD1610 form. Travel claims will be processed via the DD1351 form and submitted to Camp Lejeune Disbursing Officer via the DTMS. DTS is not authorized for evacuations.

b. Dependents

(1) Once authorized by the MCAS Beaufort CO, military dependents are authorized travel and transportation allowances to and from the designated CONUS evacuation safe haven location in accordance with the Joint Federal Travel Regulations (JFTR), paragraphs U6053 and U6054. Dependent evacuation orders are to be processed via the DD1610 form; the order must identify the limited evacuation safe haven location, as well as the names and ages of all dependents. The line of accounting (LOA) to be charged must also be included (paragraph c. below). The member's unit is responsible for the preparation of the dependent evacuation travel order. Dependents evacuated under a "limited" evacuation must travel to the specified location in order to be entitled to evacuation allowances. When the authorizing official allows evacuees to travel to an alternate location, but limits the cost to the authorized location, the orders must state that evacuees can travel to an alternate location, not to exceed the cost of the specified location. There are no evacuation allowances for dependents who do not evacuate their homes.

(2) A DD 1351-2 form (travel voucher) listing all of the names and ages of the dependents must be completed and submitted along with the supporting evacuation orders and hotel receipts to the members servicing finance and disbursing office for liquidation of allowances. This voucher may be completed and submitted by the dependent(s) or the member may sign and submit the claim on the dependent's behalf. All travel vouchers will be completed by the parent command then submitted to the local IPAC for submission to the servicing disbursing office via DTMS. If evacuated dependents stay with friends or relatives while at the safe haven, no lodging reimbursement is allowed IAW JFTR, paragraphs U6054-B1 and U4129-E. If government transportation is provided for the evacuation and evacuees decide to travel by private means, transportation expenses are not reimbursable. If government transportation is not provided, and the family has no privately owned conveyance at the safe haven or the designated place, a local travel allowance may be paid in accordance with the JFTR, paragraph U6060.

c. Centralized Line of Accounting. Prior to issuance of orders, the command will contact Headquarters Marine Corps (HQMC), Finance Branch (RFF) for the proper standard document number to be utilized for the evacuation order. All Continental United States (CONUS) TAD charges associated with evacuation of military members, DoD civilian employees and their family members affected by natural disasters should be charged to HQMC centralized line of accounting provided below:

O&M,MC/O&M,MCR
1106: (ACTIVE DUTY, INCLUDES RESERVISTS ON ACTIVE DUTY OTHER THAN ADSW)
SDN: M00085**MDAD***
LOA: 17*1106 4A4G 000 00027 067443 2D M00085 085**MDAD***

1106: (APPROPRIATED FUND DOD CIVILIANS AND DOD CIVILIAN DEPENDENTS ASSIGNED TO MARINE COMMANDS)
SDN: M00085**MDCV***
LOA: 17*1106 4A4G 000 00027 067443 2D M00085 085**MDCV***

1107: (RESERVE, ADOS ONLY) SDN: M00085**MDRS***
LOA: 17*1107 4A4G 000 00027 067443 2D M00085 085**MDRS***

MPMC/RPMC
1105: (ACTIVE DUTY DEPENDENTS, INCLUDES DEPENDENTS OF RESERVISTS ON ACTIVE DUTY OTHER THAN ADSW) SDN: M40027**CTAD***
LOA: 17*1105 2750 000 41690 067443 2D 000000 427**CTAD***

1108: (RESERVE DEPENDENTS, ADOS ONLY) SDN: M70001**MDRC***
LOA: 17*1108 2731 000 14631 067443 2D 000000 EVAKRS074503

*SUBSTITUTE LAST DIGIT OF FISCAL YEAR
**SUBSTITUTE LAST TWO DIGITS OF FISCAL YEAR
***TO BE PROVIDED FROM HQMC

ASO 3440.2U
S-3/5/7
30 Sep 22

UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
BEAUFORT, SOUTH CAROLINA 29904-5001

IN REPLY REFER TO
1330
ADJ
DATE

From: Commander Officer, Marine Corps Air Station Beaufort
To: ALL HANDS

Subj: EVACUATION OF MARINE CORPS AIR STATION BEAUFORT FOR HURRICANE_____

Ref: (a) Joint Travel Regulations
(b) DODFMR Volume 9, Chapter 7

Encl: (1) DD Form 1610

1. Effective (time) on (Day), (date) (Month 202_), I have ordered a mandatory evacuation of non-essential DoD personnel aboard Marine Corps Air Station (MCAS) Beaufort due to Hurricane _____'s predicted path. Personnel are encouraged to proceed to a safe haven location no less than 100 miles/no more than 600 miles away and remain there until the evacuation is terminated or directed to return. A safe haven destination beyond the maximum distance must be justified and will be considered on a case by case basis.

2. Personnel are categorized as essential or non-essential by their Division/Department/Branch Heads, Officers-in-Charge, or supervisory personnel. Personnel who have received no notice of their emergency or delayed release/early return status are considered non-essential/non-emergent.

3. Military personnel will be placed in a temporary duty status. Civilian personnel will be granted administrative leave.

4. DOD personnel will be reimbursed, per references (a) and (b), which includes mileage up to 600 miles, tolls, per diem, and lodging. Personnel must provide receipts for all expenses. Upon return to MCAS Beaufort, Enclosure (1) will be completed for each traveler. Further guidance on this process will be released via separate correspondence.

5. Information regarding the cancellation of this evacuation will be posted on the MCAS Beaufort Facebook page, posted on the MCAS Beaufort website, by calling 843-228-7121, by calling the Beaufort County weather hotline at 1-800-963-5023, or by calling the Marine Corps Air Station Beaufort weather hotline at 1-800-343-0639.

6. This version of the order supersedes all previous versions.

[C.O. MCAS BEAUFORT]

ASO 3440.2U
S-3/5/7
30 Sep 22

UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
BEAUFORT, SOUTH CAROLINA 29904-5001

IN REPLY REFER TO
1330
ADJ
Date

From: Commanding Officer, Marine Corps Air Station Beaufort
To: ALL HANDS

Subj: TERMINATION OF THE ORDER TO EVACUATE MARINE CORPS AIR STATION BEAUFORT FOR HURRICANE _____

Ref: (a) Joint Travel Regulations
(b) ADJ Letter 1330 of __ (Mon) 202_ (Evacuation Order)

Encl: (1) DD Form 1610

1. The order to evacuate Marine Corps Air Station (MCAS) Beaufort is hereby terminated, effective (time), (day) (Month) 202_, with the exception of the Townsend Bombing Range (TBR) personnel. For TBR personnel, the order to evacuate is terminated, effective (time), (date)(Month).

2. All personnel will be eligible for reimbursement for lodging through the night of (date) (Month) 202_, with the exception of TBR personnel, and for all mileage within 600 miles, per reference (a). TBR personnel will be eligible for reimbursement for lodging through the night of (date) (Month) 202_, due to the timing of "all clear" given by Macintosh County. Reimbursement for safe haven destinations beyond 600 miles from Beaufort, South Carolina will need to be justified by the traveler and will be considered on a case by case basis. Dependents are not required to return to the local area, but will be reimbursed based on the same criteria above. All reimbursements will be requested by submitting a DD Form 1610 (Enclosure 1) through your chain of command.

3. Commanders, Division/Department heads, Officers-in-Charge, or supervisory personnel will obtain accountability of all DoD personnel within their section by (time) on (date) (Month) 202_, when the Installation Personnel Accountability Team's accountability will cease.

4. Military personnel will be removed from temporary duty status and civilian personnel will be removed from administrative leave by their unit.

5. The point of contact for this information is the Communication Strategy and Operations Office at (843) 228-7225. Further information will be available on the MCAS Beaufort Facebook page, on the MCAS Beaufort website, by calling (843) 228-7121, or by calling the Marine Corps Air Station Beaufort Weather Hotline at 1-800-343-0369.

6. This version of the order supersedes all previous versions.

[C.O. MCAS BEAUFORT]

REQUEST AND AUTHORIZATION FOR TDY TRAVEL OF DOD PERSONNEL
(Reference: Joint Travel Regulations (JTR), Chapter 3)
(Read Privacy Act Statement on back before completing form.)

1. DATE OF REQUEST *(YYYYMMDD)*

REQUEST FOR OFFICIAL TRAVEL

2. NAME *(Last, First, Middle Initial)*	3. SOCIAL SECURITY NUMBER	4. POSITION TITLE AND GRADE/RATING

5. LOCATION OF PERMANENT DUTY STATION (PDS)	6. ORGANIZATIONAL ELEMENT	7. DUTY PHONE NUMBER *(Include Area Code)*
MCAS BEAUFORT, SC		

8. TYPE OF AUTHORIZATION	9. TDY PURPOSE *(See JTR, Appendix A)*	10a. APPROX. NO. OF TDY DAYS *(Including travel time)*	b. PROCEED DATE *(YYYYMMDD)*
TDY	EMERGENCY TRAVEL		

11. ITINERARY [X] VARIATION AUTHORIZED

FROM: RESIDENCE CITY, STATE TO: SAFE HAVEN CITY, STATE
FROM: SAFE HAVEN CITY, STATE TO: RESIDENCE CITY, STATE

12. TRANSPORTATION MODE

a. COMMERCIAL				b. GOVERNMENT			c. LOCAL TRANSPORTATION		
RAIL	AIR	BUS	SHIP	AIR	VEHICLE	SHIP	CAR RENTAL	TAXI	OTHER

[ ] AS DETERMINED BY APPROPRIATE TRANSPORTATION OFFICER *(Overseas Travel only)*

PRIVATELY OWNED CONVEYANCE *(Check one)*
RATE PER MILE: _____
[X] ADVANTAGEOUS TO THE GOVERNMENT
[ ] MILEAGE REIMBURSEMENT AND PER DIEM IS LIMITED TO CONSTRUCTED COST OF COMMON CARRIER TRANSPORTATION AND PER DIEM AS DETERMINED AND TRAVEL TIME AS LIMITED PER JTR

13. [X] a. PER DIEM AUTHORIZED IN ACCORDANCE WITH JTR [ ] b. OTHER RATE OF PER DIEM *(Specify)*

14. ESTIMATED COST

a. PER DIEM	b. TRAVEL	c. OTHER	d. TOTAL	15. ADVANCE AUTHORIZED
$	$	$	$ 0.00	$

16. REMARKS *(Use this space for special requirements, leave, excess baggage, accommodations, registration fees, etc.)*

-THESE ORDERS CONSTITUTE NON-REPORTING ORDERS
-THESE ORDERS ARE ISSUED IN ORDER TO EVACUATE MCAS BEAUFORT, SC DUE TO HURRICANE NAME, ORDERED YYYYMMDD.
-ACTUAL LODGING EXPENSES ARE AUTHORIZED UP TO MAXIMUM FOR EACH DEPENDENT.
-DEPENDENTS AUTHORIZED TO EVACUATE UNDER THESE ORDERS ARE:
NAME (LAST FIRST) RELATIONSHIP DOB AGE

17. TRAVEL-REQUESTING OFFICIAL *(Title and signature)*	18. TRAVEL-APPROVING/DIRECTING OFFICIAL *(Title and signature)*
Redacted	Redacted

AUTHORIZATION

19. ACCOUNTING CITATION
TO BE PROVIDED BY HQMC(RFF)

20. AUTHORIZING/ORDER-ISSUING OFFICIAL *(Title and signature)*	21. DATE ISSUED *(YYYYMMDD)*
Redacted	22. TRAVEL AUTHORIZATION NUMBER

DD FORM 1610, MAY 2003 PREVIOUS EDITION IS OBSOLETE. Adobe Professional 6.0

PRIVACY ACT STATEMENT
(5 U.S.C. 552a)

AUTHORITY: 5 U.S.C. §§5701, 5702, and E.O. 9397.

PRINCIPAL PURPOSE(S): Used for reviewing, approving, and accounting for official travel. SSN is used to maintain a numerical identification system for individual travelers.

ROUTINE USE(S): None.

DISCLOSURE: Voluntary; however, failure to provide the requested information may delay or preclude timely authorization of travel request.

16. REMARKS *(Continued) (Use this space for special requirements, leave, excess baggage, accommodations, registration fees, etc.)*

DD FORM 1610 (BACK), MAY 2003

Reset

MCIEAST EMERGENCY OPERATIONS CENTER CONTACT INFORMATION AND REPORTING FORMAT

1. Emergency Operations Center Contact Information

a. Phone

(1) Commercial: EOC (910)451-3520/0347//OPS: x-0375//CDO: x-2414

(2) DSN: 751-XXXX

(3) SATPHONE

(4) EOC STE (910) 450-6842

b. Marine Common Operating Picture (MCOP). Must have active account prior to 1 June. MCOP Address: https://mcieast.mcop.milcloud.mil

c. Electronic Mail

(1) OMB [MCIEAST Regional EOC] MCIERegionalEOC@usmc.mil

(2) NIPR: (primary) wayne.herbert@usmc.mil (secondary) donald.bradshaw@usmc.mil.

(3) SIPR: (primary) wayne.herbert@usmc.smil.mil (secondary) donald.bradshaw@usmc.smil.mil

(4) AMHS: CG MCIEAST MCB CAMLEJ G THREE G FIVE

d. Enterprise Land Mobile Radio (ELMR).

2. Installation Situation Report Format

a. Submit a Situation Report within one hour of setting TCC IV, TCC III, TCC II, TCC I, TCC IC, TCC IE, and TCC IR and within six hours of returning to TCC V after a storm system has passed and installation has returned to normal operations to the MCIEAST-MCB CAMLEJ MCOP site (General Information Portlet) and email the MCIEAST EOC OMB (MCIERegionalEOC@usmc.mil).

b. Installations under TCC IV-IR will submit a brief daily situation assessment and intentions message NO LATER THAN 0830(L) the MCIEAST-MCB CAMLEJ MCOP site (General Information Portlet) and email the MCIEAST EOC OMB (MCIERegionalEOC@usmc.mil). This message will include an estimate of the situation and circumstances, a simple assessment of likely impacts to facilities and operations, and a summary of actions that the installation is likely to initiate during the coming twenty four hour period. This message is open format and may include information such as local forecast/impact assessments, actions taken by local civilian authorities, projected changes to TCC, and local battle rhythm. Information provided in the message will facilitate CG and MCIEAST staff situational awareness and will not be considered binding or restraining.

c. During other destructive weather emergencies for which the Installation EOC is activated, installations will submit an Installation Situation Report to the MCIEAST-MCB CAMLEJ MCOP site (General Information Portlet) NO LATER THAN 1400L each day until directed to cease reporting by

the MCIEAST-MCB CAMLEJ AC/S G-3/5.

d. Situation Report example:

MSGID/GENADMIN/CO MCAS BEAUFORT /00X//
SUBJ/MARINE CORPS AIR STATION BEAUFORT SITUATION REPORT #00X FOR HURRICANE XXXXX//
REF/A/DOC/MCIEAST-MCB CAMLEJO 3440.1D//
REF/B/DOC/AIR STATION ORDER 3440.2_//
NARR/REF A IS DESTRUCTIVE WEATHER OPERATIONS// REF B IS DESTRUCTIVE WEATHER OPERATIONS
POC/NAME/RANK OR GRADE/BILLET/INSTALLATION/DSN: XXX/TEL: COML (XXX) XXX-XXXX/EMAIL: XXXX.XXXXX@USMC.MIL//
POC/NAME/RANK OR GRADE/BILLET/INSTALLATION/DSN: XXX/TEL: COML (XXX) XXX-XXXX/EMAIL: XXXX.XXXXX@USMC.MIL//
GENTEXT/REMARKS/1. THIS SITREP IS CURRENT AS OF TIME/DATE. THE MARINE CORPS AIR STATION BEAUFORT EMERGENCY OPERATIONS CENTER (EOC) IS FULLY OPERATIONAL.
STATUS OF MARINE CORPS AIR STATION (MCAS) BEAUFORT
2.A. CURRENT TCC:
2.A.1 SUMMARY OF TCC ACTIONS:
2.B. INFRASTRUCTURE DAMAGE ASSESSMENT:
2.B.1. BUILDINGS:
2.B.2. ROADWAYS:
2.B.3. ELECTRICAL DISTRIBUTION:
2.B.4. COMMUNICATIONS:
2.B.5. WATER SUPPLY:
2.B.6. WATER TREATMENT:
2.B.7. OTHER POWER: (SPECIFY)
2.C. OPERATIONAL SUPPORT AIRCRAFT: DEPARTURE TIME/NUMBER/TYPE
2.C.1. CURRENT LOCATION:
2.D. SHELTER STATUS: (READ IN FOUR COLUMNS); SHELTER, STATUS, CAPACITY, OCCUPANTS
2.D.1. LAUREL BAY YC CLOSED XXX ZERO
2.D.2. MCAS GYM OPEN XXX 200
2.E. CASUALTIES:
2.E.1. DEATHS:
2.E.2. INJURIES:
2.E.3. TYPE/CAUSE/PROGNOSIS: