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III MARINE EXPEDITIONARY FORCE/MARINE CORPS INSTALLATIONS PACIFIC-MCB CAMP BUTLER BULLETIN 3000

From: Commanding General, III Marine Expeditionary Force
Commanding General, Marine Corps Installations Pacific-MCB Camp Butler

To: Distribution List

Subj: TYPHOON WARNING, RESPONSE, AND RECOVERY ACTIONS FOR OKINAWA-BASED INSTALLATIONS (SHORT TITLE: TYPHOON SOP)

Ref: (a) III MEF/MCIPAC-MCBB Bul 3006 Equipment and Personnel Support Requirements during Typhoons and other Natural Disasters
(b) III MEF/MCIPAC-MCBBO 3000.1G Tropical Cyclone Planning and Response across the Pacific Region
(c) Typhoon Guide Okinawa, 2023 edition
(d) USINDOPACOMINST 0539.1
(e) USFJ Instruction 15-4001 dated 5 May 2021
(f) MARFORPAC AMHS; Accountability of Personnel Requirement; 180014Z MAY 19
(g) 5 CFR 630.1605 Telework and Emergency Employees
(h) MCO 12227.1 Telework for Civilian Marines

Encl: (1) Typhoon SOP (Detailed TCCOR Action Sets)
(2) Abbreviated TCCOR Action Sets
(3) Typhoon Conditions Quick Reference Flow Chart
(4) Example Okinawa Tropical Cyclone Storyboard
(5) LMR Guard Chart – MCIPAC-MCBB BEOC
(6) Emergency Operations Centers and Watch Officers/Standers
(7) Post Tropical Cyclone Report to USFJ
(8) Validation Conference Confirmation Template
(9) MCOP Business Rules
(10) Destructive Weather Gate Schedule

1. Situation. III Marine Expeditionary Force (MEF) and Marine Corps Installations Pacific-MCB Camp Butler (MCIPAC-MCBB) forces are forward deployed in central and southern Japan. This region is prone to tropical cyclones and high winds during a peak season from June to November, though tropical cyclones can occur in the region at any time of year. The damaging effects of destructive weather increases the risk to personnel, facilities, and mission essential equipment. To protect personnel and installation assets during a typhoon, this Bulletin establishes policy and detailed instructions for III MEF units and MCIPAC-MCBB installations on Okinawa in preparation for tropical cyclone season,

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heretofore referred to as typhoon season. Due to a high percentage of staff turnover and annual validation requirements for reference (a), tasking and associated action sets are reviewed and verified annually by Commanding General (CG) III MEF and CG MCIPAC-MCBB. This Bulletin only addresses specific tasks and action sets associated to Marine Corps camps and installations on Okinawa and does not address action sets for Marine Corps Air Station (MCAS) Iwakuni, Combined Arms Training Center Camp Fuji, MCAS Kaneohe Bay, Marine Corps Base Hawaii, Camp Blaz, or Camp Mujuk. Tasks to the entirety of the Pacific region-wide III MEF units and MCIPAC-MCBB installations can be found in reference (b).

2. Cancellation. IIIMEF/MCIPAC-MCBB Bulletin 3000 of 30 Jun 2022.

3. Mission. To promulgate regulations and procedures to prepare and protect III MEF and MCIPAC-MCBB installations, commands, personnel, and equipment. This Bulletin is applicable to members of the U.S. Armed Forces, dependents, host nation employees, and members of the civilian component assigned to MCIPAC-MCBB installation commands, III MEF, and other tenants and activities operating on MCIPAC-MCBB facilities and areas on Okinawa.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent

(a) Purpose. To promulgate tropical cyclone planning guidance and response procedures to prevent or mitigate the potential loss of life and/or assets.

(b) Method. Protecting personnel and resources from the effects of a typhoon involves a comprehensive command and community outreach program to educate, encourage readiness, and enable preparedness activities prior to and throughout typhoon season. Preparation prior to a tropical cyclone also involves conducting vulnerability assessments, establishing notification procedures, and executing appropriate response measures. Upon receipt of a typhoon warning, MCIPAC-MCBB disseminates the warning through appropriate means of communication to ensure widest dissemination, implements response measures keyed to the level and timeline of the threat, and coordinates response measures and recovery activities with tenants, joint partners, and local authorities.

(c) Future State. III MEF/MCIPAC-MCBB commands are prepared to rapidly disseminate typhoon warning information, implement response measures, and conduct damage control and repair in the event of a typhoon.

(2) Concept of Operations. Operating procedures in response to a typhoon involve three critical stages: planning and preparation (pre-incident), notification and response (incident), and recovery (post-incident).

(a) Planning and Preparation

1. Typhoon preparation is a collective process conducted by all commands and local emergency responders to minimize loss of life. Planning is essential to execute a timely and effective response upon the receipt of a typhoon warning. Planning includes identification of key communications nodes and dissemination methods, designation of safe haven areas, assignment of responsibilities, and training and exercising key personnel in response procedures. Pre-typhoon season and Tropical Cyclone Condition of Readiness-4 (TCCOR-4) are included in the planning and preparation phase.

2. Individual actions and facilities specific actions are addressed in the Joint Service document, reference (c), which can be found at: <https://www.kadena.af.mil/>

(b) Notification and Response. TCCOR are established by reference (d) and issued by TCCOR authorities identified in reference (e). The TCCOR Authority for all installations on Okinawa is the Commander, U.S. Air Force, 18th Wing. TCCOR included in the Notification and Response Phase are TCCOR-3, -2, -1, -1C, -1 Emergency, and Storm Watch (SW). MCIPAC-MCBB will also receive typhoon warnings from the Pacific Joint Typhoon Warning Center (JTWC) via official automated message handling system (AMHS) traffic or email notification or via local weather authorities such as the National Japan Meteorological Agency (JMA).

1. Pacific Joint Typhoon Warning Center (JTWC). JTWC is the primary resource for tropical cyclone information across the Pacific region. JTWC issues tropical information bulletins and warnings via email and official message traffic and are distributed to the primary operations centers and TCCOR authorities for further dissemination to individual camps and installations in the Pacific. JTWC can be accessed at: <https://www.metoc.navy.mil/jtwc/jtwc.html>

2. National Japan Meteorological Agency (JMA). The National JMA is responsible for issuing typhoon forecasts for Japan, in addition to forecasts and warnings associated with tsunamis, earthquakes, and volcanic activity. JMA tropical cyclone information can be accessed at: <https://www.jma.go.jp/bosai/map.html#5/34.5/137/&elem=root&typhoon=all&contents=typhoon&lang=en>

(c) Recovery. In the event of a destructive typhoon, the recovery process will be critical. Recovery involves search and rescue operations, conducting damage assessments, restoring damaged infrastructure, providing urgent life support for displaced persons, and documentation of the event. Depending on the destructiveness of the typhoon, this stage could last anywhere from a few hours to several weeks. Generally, the TCCOR included in the Recovery Phase is TCCOR-1R. However, due to the nature of long-term recovery operations following destructive storms, recovery may extend into TCCOR-SW and All Clear or the return to TCCOR-4 in extreme cases.

b. Tasks

(1) III MEF

(a) III MEF Assistant Chief of Staff (AC/S) G-1

1. Identify and provide MCIPAC-MCBB G-1 (3) staff noncommissioned officers (SNCOs) in support of MCIPAC-MCBB Typhoon Watch Team (TWT) as direct liaison for all III MEF and major supporting commands (MSC) personnel and equipment per enclosure (1) and reference (a).

2. Validate personnel and augments as coordinated in annual III MEF/MCIPAC-MCBBBul 3006 reference (a).

3. Consolidate MCIPAC-MCBB, MSC, and major supporting elements (MSE) accountability reports in accordance with (IAW) reference (b) within two hours of declaration of TCCOR-1 and two hours of declaration of TCCOR-1 Recovery (1R) after storm passage.

(b) III MEF AC/S G-3

1. Consolidate and submit higher headquarters (HHQ) reports as required

2. Submit MSC and MSE Aircraft Evaluation and Hangaring Reports (AEHR), Operations and Training Impact Statements (OTIS), and General Officer Movement Reports (GOMR) to the Marine Forces Pacific (MFP) Command Operations Center (COC).

3. Review and provide consolidated inputs for this Bulletin to the MCIPAC-MCBB G-3 annually no later than (NLT) 1 April.

(c) III MEF AC/S G-4. Validate and sourcing the equipment outlined in reference (a).

(d) 3d Marine Division, AC/S G-3. Notify Jungle Warfare Training Center (JWTC) of appropriate TCCOR. At TCCOR-3, prepare to evacuate JTWC personnel if considered necessary.

(2) MCIPAC-MCBB

(a) MCIPAC-MCBB G-1

1. Per reference (a), designate three Officers in coordination with H&S Bn as Typhoon Watch Officers (TWO). In coordination with III MEF, identify three SNCOs as Typhoon Watch Chiefs (TWC) in support of the MCIPAC-MCBB TWT. Submit names to AC/S, G-3 no later than 15 April.

2. Promulgate Marine Online (MOL) account creation instructions to staff sections to ensure 100 percent capture of the Marine Corps Total Force population in MOL for accountability purposes.

3. Within two hours of the setting of TCCOR-1, and in accordance with paragraph 4c(3), report accountability as reported in MOL to the MCIPAC-MCBBBEOC and III MEF Battle Center (MBC).

4. Within two hours of the setting of TCCOR-1R, and in accordance with paragraph 4c(3), report accountability as reported in MOL to the MCIPAC-MCBBBEOC and MBC.

5. At the setting of TCCOR-3, identify section representative to monitor applicable Teams chatroom and report applicable TCCOR action set completion to the TWT via MCICOM Common Operating Picture (MCOP).

(b) MCIPAC-MCBB G-3

1. Review, update, and publish this Bulletin annually NLT 1 May.

2. Annually, in coordination with U.S. Forces Japan (USFJ) and 18th Wing as the TCCOR authority, conduct one typhoon drill to exercise typhoon warning and notification procedures and validate reference (a) and this Bulletin.

3. Coordinate typhoon-warning procedures with all external commands and organizations to include Armed Forces Network (AFN), 18th Wing, Commander, Fleet Activities Okinawa (CFAO), and 10th Regional Support Group (10RSG).

4. Be prepared to activate the MCIPAC-MCBB Base Emergency Operations Center (BEOC) to coordinate recovery efforts in the event of a major typhoon.

5. As scheduled by 18th Wing, attend the 18th Wing Strike meeting.

6. At the setting of TCCOR-3, promulgate the specific chat platform and room address identified for use during the storm. Either Microsoft TEAMS (MCIPAC Operation Center Team) or ChatSurfer will be used based on ability of watch standers to access either system. Voice (DSN), NIPR e-mail, land mobile radio (LMR), and the Marine Corps Installation Command (MCICOM) Common Operating Picture (MCOP) are used for all systems.

7. At the setting of TCCOR-3, identify section representative to monitor applicable Teams or ChatSurfer chatroom and report applicable TCCOR action set completion to the TWT via MCOP, per paragraph 4c(7) (OPR: Provost Marshal's Office (PMO), Fire and Emergency Services (FES))

8. At the setting of TCCOR-2, initiate communications checks per enclosures (1) and (5).

9. At the setting of TCCOR-1, be prepared to establish traffic control to assist in the surge of traffic from the personnel departing the bases once TCCOR-1 is announced. (OPR: PMO)

10. From the setting of TCCOR-1C through TCCOR-1R, be prepared to post two Marines minimum on all gates designated in enclosure (10). (OPR: PMO)

11. Within 24 hours of the declaration of TCCOR-1R, submit a Post Tropical Cyclone Report to the MBC for submission to the USFJ Command Center.

(c) MCIPAC-MCBB G-4

1. Coordinate typhoon supply and equipment resourcing to include policy and procedures for dissemination, control, reporting, and collection of all classes of supplies.

2. At the setting of TCCOR-3, identify section representative to monitor applicable Teams or ChatSurfer chatroom and report applicable TCCOR action set completion to the TWT via MCOP, per paragraph 4c(7).

3. At the setting of TCCOR-1, begin the shutdown of The Green Line (TGL). Motor Transport Branch (MTB) will ensure passenger notice signs are prominently posted in all in-service buses.

4. At the setting of TCCOR-1, return all non-tactical vehicles (NTV) to designated motor pools.

5. Within four hours of the setting of TCCOR-1, report final TGL shutdown to the MCIPAC-MCBB BEOC via designated chat platform and MCOP.

(d) MCIPAC-MCBB G-6

1. In coordination with the G-3, develop and maintain the communication plan and coordinate Chapter 5 "Communications" of enclosure (1).

2. Be prepared to provide/coordinate communications support for disaster relief operations.

3. Be prepared to restore damaged communication infrastructure.

4. In coordination with the G-3, develop and maintain typhoon warning information for inclusion in the web-based telephone book and publish at https://usmc.sharepoint-mil.us/sites/mcipac_g6_CSB_CentralizedAttendant/SitePages/Home.aspx

5. At the setting of TCCOR-3, identify section representative to monitor applicable Teams chatroom and report applicable TCCOR action set completion to the TWT via MCOP, per paragraph 4c(7).

(e) MCIPAC-MCBB G-F. Coordinate all facilities preparations, emergency damage repair, and recovery operation established in enclosure (1).

1. Coordinate with and support Camp Damage Assessment Teams (DAT), and consolidate and submit damage reports as required during the recovery process.

2. At the setting of TCCOR-3, identify section representative to monitor applicable Teams or ChatSurfer chatroom and report applicable TCCOR action set completion to the TWT via MCOP, per paragraph 4c(7).

3. At the setting of TCCOR-2, establish the Maintenance Operations Center (MOC).

4. Within 24 hours of the setting of TCCOR-1R, submit an initial written damage report to the AC/S G-3 via mcbbutler.ood@usmc.mil. It is understood that the 24-hour report may not be indicative of the complete damages associated with a given storm given the turnaround.

5. Within five business days of the setting of TCCOR-AC/4, submit final damage report to AC/S G-3 via mcbbutler.ood@usmc.mil.

(f) MCIPAC-MCBB Staff Judge Advocate (SJA). Establish, coordinate, and disseminate typhoon damage claims procedures.

(g) MCIPAC-MCBB Communications Strategy (COMMSTRAT). Publish information on typhoon warnings, immediate actions, vulnerable areas, and other relevant information as determined by the MCIPAC-MCBB COMMSTRAT director via command information channels, including command websites and social media platforms. Coordinate with AFN leadership, in order to enable information alignment and dissemination via the AFN TV and radio stations.

(h) MCIPAC-MCBB Chaplain

1. Be prepared to provide Chapel Facilities as temporary Safe Haven Sites as required by the camp or station commander.

2. Be prepared to provide assistance and support to all emergency response personnel.

(i) Marine Corps Community Services

1. At the setting of TCCOR-3, identify section representative to monitor applicable Teams chatroom and report applicable TCCOR action set completion to the TWT via MCOP, per paragraph 4c(7).

2. In coordination with camp and installation commanders, and per the timelines established in enclosure (1), curtail and cease non-essential services.

(3) Installation and Camp Commanders

(a) Coordinate with tenant commands to establish and validate personnel and equipment support requirements for typhoon response operations in accordance with the annual III MEF/MCIPAC-MCBB Bul 3006.

(b) Activate and maintain a Camp Emergency Operations Center (CEOC) in accordance with enclosure (1) in order to monitor, receive, and report applicable TCCOR action set completion, asset status, and damage reports from all tenant activities to the MCIPAC-MCBB TWT.

(c) Be prepared to (BPT) coordinate recovery efforts as required.

(d) In coordination with tenant commands validate reference (a). Validation conferences will be coordinated with MCIPAC-MCBB G-4, MCIPAC-MCBB G-3, and III MEF G-4. Enclosure (8) shall be used to document validation conferences conducted at each camp and installation and shall be submitted to the MCIPAC-MCBB G-4 coordinating representative, carbon copy (CC) MCBB_EM@usmc.mil annually NLT 1 April.

(e) At the setting of TCCOR-1, begin the selective curtailment of non-essential services.

(f) At the setting of TCCOR-1C, curtail all remaining non-essential services in coordination with Marine Corps Community Services (MCCS) and non-USMC tenants, to include Defense Commissary Agency (DeCA), Base Exchange services, banking institutions, etc.

(g) Within two hours of the setting of TCCOR-1R, report camp readiness to transition out of Recovery to the MCIPAC-MCBB BEOC for passing to 18th Wing. Follow up with the BEOC once camp is ready to transition if not ready within two hours. **NOTE:** 18th Wing will not transition Okinawa from TCCOR-1R until all service components have confirmed installation readiness (clear roadways, no major damage to critical or key infrastructure).

(4) Tenant Units

(a) Shall coordinate with camps and installations to validate support identified in reference (a).

(b) Shall provide support to camp and installation commanders as tasked in reference (a). Equipment and personnel shall be staged per reference (a) by the setting of TCCOR-1.

(c) Shall report the completion of TCCOR action sets to camp/installation operations or the Camp Emergency Operations Center (CEOC) per camp/installation SOP.

(5) U.S. Naval Hospital, Okinawa (USNHO)

(a) Establish procedures to establish an alternate location for maintaining operations in the event a typhoon damages the hospital

(b) At the setting of TCCOR-3, identify section representative to monitor applicable Teams or ChatSurfer chatroom and report applicable TCCOR action set completion to the TWT via MCOP, per paragraph 4c(7).

(c) Be prepared to support each camp/station with ambulance support during the duration of the typhoon (ambulances are staged at the Fire Department on each camp/station per reference (a).

(d) Within eight working hours of the setting of TCCOR-AC/4, submit a telephonic report to the AC/S G-3, MCIPAC-MCBB. Submit a written damage report to mcbbbutler.ood@usmc.mil within 24 working hours per paragraph 4c(10) of this Bulletin.

(6) 3d Network Battalion (3NB). BPT report any communications or network outages to the MCIPAC-MCBB BEOC throughout the duration of the storm system.

(7) Non-USMC Tenant Activities

(a) Be prepared to curtail services in coordination with camp and installation commanders and per the timelines established in enclosure (1).

(b) Report base facility damages to the respective CEOC and facilities maintenance.

c. Coordinating Instructions

(1) All camps, stations, and sections shall promulgate TCCOR information at the setting of each TCCOR by 18th Wing, ensuring widest dissemination.

(2) All applicable camps, stations, and sections shall report the completion of TCCOR action sets to the MCIPAC-MCBB BEOC per enclosure (1).

(3) Accountability. Each MSC or MSE will report accountability IAW reference (f) to the III MEF Battle Center (MBC) within two hours of declaration of TCCOR-1 and two hours of declaration of TCCOR-1 Recovery (1R) after storm passage. Accountability for MCIPAC-MCBB Headquarters and Support Battalion (HQSPTBN) and MCAS Futenma Headquarters and Headquarters Squadron (HQHQRON) active duty, civilian, and contractor personnel will be reported by section in Marine Online (MOL) and G-1 will report to the MCIPAC-MCBB Officer of the Day (OOD) or Typhoon Watch Officer once section reporting is complete. The MCIPAC-MCBB OOD will confirm completion to the MBC. Additionally, within two hours of declaration of TCCOR-1R, all camps and stations will report initial damage assessments to the BEOC. Official accountability of master labor contractors or Local National employees is not reported to the MBC or OOD. Section supervisors are encouraged to ensure accountability of their MLC workforce for internal reporting only.

(a) If TCCOR-1 is initiated but TCCOR-1E does not occur, no additional accountability is required when TCCOR-SW or TCCOR-AC is set.

(b) If a trigger for accountability is met within the hours of 2200-0600, accountability will be initiated at 0600, and reported NLT 0800 the following morning.

(c) Once full III MEF/MCIPAC-MCBB accountability is complete, MBC will report to U.S. Marine Corps Forces, Pacific (MARFORPAC) and MCICOM via AMHS message in accordance with reference (f).

(4) Fitness for Duty. The consumption and purchase of alcohol for all Status of Forces Agreement (SOFA) personnel within III MEF/MCIPAC-MCBB is prohibited during TCCOR-1, TCCOR-1 Caution, TCCOR-1 Emergency, TCCOR-1 Recovery, and any TCCOR-Storm Watch conditions associated with the same tropical cyclone that resulted in TCCOR-1C or TCCOR-1E. This prohibition applies to all personnel regardless of housing or lodging location or duty status. Only when the TCCOR level returns to "All Clear" is alcohol purchase and consumption authorized.

(5) Telework for Civilians. In accordance with references (g) and (h), telework program participants will not receive weather or safety leave during severe weather which occurs during their normal tour of duty as long as they can work safely from their approved telework site during the weather or safety-related emergency. If a situation exists to prevent a telework eligible employee from completing their standard tour of duty, they should contact their supervisor to request leave or receive administrative excusal for compelling reasons. Compelling reasons for a supervisor to approve administrative leave for a telework eligible employee during severe weather or safety-related emergency include:

- (a) Power outages at the telework site.
- (b) Inability to access materials necessary to perform work.
- (c) Evacuation by local or installation authorities.

(6) Water and Shore Safety

(a) Personnel shall not enter open water for recreational purposes from the setting of TCCOR-2 through TCCOR-SW. This condition applies even if the Sea Condition is not set to "Danger." Examples of open water include, but are not limited to: territorial seas, navigable waters, reservoirs, lakes, ponds, rivers, and streams.

(b) Personnel shall stay away from open water and shorelines during TCCOR-2 through TCCOR-SW and until the setting of TCCOR-AC or return to TCCOR-4, as swift water from spilling waves returning to sea, flooding, and storm surge can sweep unsuspecting site-seers into hazardous waters under life-threatening conditions.

(7) MCOP

(a) MCOP is the designated unclassified Common Operating Picture (COP) for use during EOC activations, to include typhoons. MCOP Business Rules are included as enclosure (9).

1. The TWT shall use MCOP to report directed and achieved TCCORs.
2. The MCIPAC-MCBB Camp and Station EOCs, G-1, G-3 sections, G-4, G-6, G-F, MCCS, USNHO, and the TWT shall use MCOP to report the status of services, submit and answer request for information (RFI), track completion status of TCCOR action sets, and track significant events.

(b) Personnel requiring an MCOP account and training to either input information into or view the COP may email MCIPAC_EM@usmc.mil for additional information and enrollment.

(8) Release from Work

(a) Upon the setting of TCCOR-1, military/civilian personnel may be selectively released if necessary to supervise children released from school or per command/unit guidance.

(b) Upon the setting of TCCOR-1C, all remaining military and civilian personnel not required for the performance of operations will be released immediately. Telework-eligible employees are expected to report to their approved telework site as safety permits

(9) Return to Work Policy. Members of Marine Corps Total Force activities, employees of civilian components that include appropriated and non-appropriated activities, and operations under the sponsorship of the installation's MCCA Director, or unit MCCA officers assigned to MCIPAC-MCBB are considered covered personnel under this guidance.

(a) At the issuance of TCCOR-SW or TCCOR-All Clear, whichever occurs first, all covered personnel will return to work within two hours unless instructed otherwise by their chain of command. Chain of command and supervisors are advised that schools and child care facilities may not reopen or resume operations for all personnel to meet the required reporting timelines. s

(b) Upon notification of TCCOR-SW or All Clear, covered personnel shall immediately contact their first line supervisor if hazardous conditions such as downed power lines, flooding, or blocked roads continue to exist at their home or in their vicinity preventing their return to work within two hours.

(c) Supervisors shall take into consideration the need for covered personnel to return to work based on the following criteria: existence of hazardous conditions, mission requirements, time remaining in duty day when TCCOR-SW or All Clear is announced, location of personnel's residence, or other criteria which may cause dangerous conditions for transit.

(d) This return to work guidance is not applicable to contractor personnel. Contractors should consult their contracting officer's representative, administrative contracting officer, or employer for guidance concerning hazardous conditions and returning to work following the issuance of TCCOR-SW or All Clear.

(10) Damage and Casualty Reports. Damage and casualty reports shall be sent by each CEOC to mcbbutler.ood@usmc.mil. MCIPAC-MCBB shall send the consolidated damage and casualty report to MBC for submission to USFJ using enclosure (5) within 24 hours. Reports should be in the following format:

(a) Facilities Damage: Building number, description of damage, and cost of repair (if known).

(b) Equipment Damage: Item, unit, description of damage, and cost of repair (if known).

(c) Casualties: Name, rank, service, EDIPI, unit, injury, deposition.

5. Administration and Logistics

a. This Bulletin will be review and resigned annually.

b. Key Points of Contact:

(1) All typhoon track status updates and TCCOR changes will be sent "To:" the current Commanding General, MCIPAC, "Cc" the email addresses below:

(a) MCIPAC_STAFF2@usmc.mil

(b) MCBBButlerTyphoonStatusUpdate@usmc.mil

(2) Requests for individual personnel or organization boxes to be added to the MCBBButlerTyphoonStatusUpdate@usmc.mil distribution list should be sent to MCIPAC_EM@usmc.mil.

(3) All response specific correspondence, to include damage and casualty report instructions, chat room activation, and other targeted messaging will be sent only to the MCBButlerTyphoonStatusUpdate@usmc.mil address.

6. Command and Signal

a. Command

(1) This Bulletin is applicable to all MCIPAC-MCBB installations, units, tenant commands, and tenant activities.

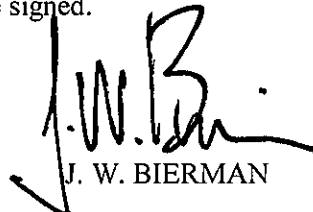
(2) MCIPAC-MCBB is the lead agency for coordinating typhoon warning response and disaster relief operations on Okinawa for Marine Corps camps/stations.

(3) Nothing in this Bulletin prevents installation, camp, or station commanders from establishing or directing additional typhoon warning measures, as deemed necessary, to protect life and property.

(4) Civil Relief. The GOJ is responsible for civil relief. However, the Okinawa Area Coordinator may approve assistance as required. Pass any requests for assistance to the AC/S, G-3 MCIPAC-MCBB. Coordinate approved civil relief activities through the CEOC teams. This does not preclude assistance by responsible individuals in case of dire emergency when immediate action is necessary to prevent loss of life, serious injury, or to alleviate human suffering. Report any such actions to the TWT immediately.

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


S. E. LISZEWSKI


J. W. BIERMAN

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Chapter 1

Definitions1. Abbreviations

MBC	III MEF Battle Center
ATA	Actual Time of Arrival
AFN	Armed Forces Radio and Television Network
AMHS	Automatic Message Handling System
BCOC-5	Base Cluster Operations Center – 5
BEOC	Base Emergency Operations Center
BX	Base Exchange
CEOC	Camp Emergency Operations Center
COC	Command Operations Center
CFAO	Commander Fleet Activities Okinawa
DCC	Damage Control Center
DCO	Damage Control Officer
DCS	Defense Collaboration Services
DEC	Third Marine Division Emergency Command
DWO	Destructive Weather Officer
ESCC	Evacuation Sector Control Center
FMB	Facilities Maintenance Branch, G-F Division
F/P	Fire Protection
FSO	Food Support Officer
GSU	General Support Unit
HQ	Headquarters
Hz	Hertz
IFR	Instrument Flight Rules
JECC-O	Joint Emergency Coordination Center- Okinawa
JMA	Japan Meteorological Agency
JTWC	Joint Typhoon Warning Center
JWTC	Jungle Warfare Training Center
KW	Kilowatt
Kts	Knots
LZ	Landing Zone
MAW	Marine Aircraft Wing
MCBB	Marine Corps Base Camp Butler
MCIPAC-MCBB	Marine Corps Installations Pacific -MCB Camp Butler
MRE	Meal Ready-to-Eat
MTB	Motor Transport Branch
NCS	Network Control Station
NIPR	Non-classified Internet Protocol Router
NM	Nautical Miles
NOTAM	Notice to Airmen
NTV	Non-Tactical Vehicle
OAC	Okinawa Area Coordinator
OEPC	Okinawa Electric Power Company
OOD	Officer of the Day
Opr	Operator
PPR	Prior Permission Required

PX	Post Exchange
RI	Responsible Individual
SG	10 th Support Group (Regional)
SW	Storm Watch
TACAN	Tactical Air Navigation System
TASS	Tactical Automatic Switching System
TGL	The Green Line
TCO	Typhoon Control Officer
TCCOR	Tropical Cyclone Condition of Readiness
Trl	Trailer
TWC	Typhoon Watch Chief
TWO	Typhoon Watch Officer
TWT	Typhoon Watch Team
USFJ	U.S. Forces Japan
VMC/IMC	Visual/Instrument Meteorological Conditions

2. Definitions

- a. Destructive Weather. Any act of nature that produces injury, death, disease, property damage or loss, or interruption of essential services.
- b. Cyclone. A closed atmospheric circulation rotating about an area of low pressure (counterclockwise) in Northern Hemisphere.
- c. Tropical Cyclone. A non-frontal, low pressure system developing over tropical or sub-tropical waters with organized deep convection and a closed surface wind circulation about a well-defined center.
- d. Tropical Depression. A tropical cyclone in which the maximum sustained surface wind (one minute mean) is 33 knots or less.
- e. Tropical Storm. A tropical cyclone in which the maximum sustained surface wind (one minute mean) ranges from 34 to 63 knots.
- f. Typhoon. A tropical cyclone in which the maximum sustained surface wind (one minute mean) ranges from 64 to 129 knots.
- g. Super Typhoon. A tropical cyclone in which the maximum sustained surface wind (one minute mean) is 130 knots or greater.
- h. Maximum Sustained Surface Wind. Highest surface wind speed of a tropical cyclone averaged over a one-minute period. (Note: Sudden temporary gusts may be of substantially greater velocity, e.g., maximum sustained winds of 60 knots may include gusts of 85 knots).
- i. Destructive Wind. Surface winds of ≥ 50 knots sustained or ≥ 60 knot gusts.
- j. Flood. The inundation of areas not normally submerged caused by heavy rain or abnormal tides.
- k. Landslide. A mass of earth and rocks sliding down a mountain side.
- l. Tidal Wave (tsunami). A large wave caused by high wind or earthquakes.

3. Tropical Cyclone Condition of Readiness (TCCOR). To provide a basis for preparation and decision, the following TCCOR are used (note: All wind speeds shown include gusts. The wind speeds shown below serve as a guide for decision making. As outlined in reference (f) the final decision rests with the TCCOR authority based on wind speed, weather forecast, safety, operational, and mission concerns).

a. TCCOR Storm Watch (SW). Winds are not forecast to exceed ≥ 50 knots sustained or ≥ 60 knot gusts (the criteria for destructive winds) but a probability of high winds exists due to the proximity of the storm). High winds may include gusts exceeding 50 knots and/or sustained winds meeting TCCOR-1 Caution criteria. The storm is also close enough to the area that a heightened alert status is necessary in order to rapidly establish elevated TCCOR conditions should the storm deviate from the forecast track. Personnel should follow Standard Operating Procedures for TCCOR Storm Watch and stay alert for any changes to TCCOR status.

b. TCCOR-5. Destructive winds ≥ 50 knots sustained or ≥ 60 knot gusts are **possible** within 96 hours. TCCOR-5 is only used outside of established typhoon season, and not typically used in Okinawa.

c. TCCOR-4. Destructive winds of ≥ 50 knots sustained or ≥ 60 knot gusts are **possible** within 72 hours. TCCOR-4 will be continuously in effect as a seasonal minimum condition of readiness from 1 June to 30 November annually, or as established by the TCCOR authority.

d. TCCOR-3. Destructive winds of ≥ 50 knots sustained or ≥ 60 knot gusts are **possible** within 48 hours.

e. TCCOR-2. Destructive winds of ≥ 50 knots sustained or ≥ 60 knot gusts are **anticipated** within 24 hours.

f. TCCOR-1. Destructive winds of ≥ 50 knots sustained or ≥ 60 knot gusts are **anticipated** within 12 hours.

g. TCCOR-1 Caution (1C) (Okinawa only). Destructive winds of ≥ 50 knots sustained or ≥ 60 knot gusts are **anticipated**. Observed sustained winds are 35-49 knots.

h. TCCOR-1 Emergency (1E). Destructive winds of ≥ 50 knots sustained or ≥ 60 knot gusts are **occurring**.

i. TCCOR-1 Recovery (1R). Winds of 50 knots sustained or greater are no longer forecast to occur. Strong winds may still exist.

j. TCCOR All Clear (AC). The storm is over and not forecasted to return and recovery efforts are complete.

Chapter 2

Tropical Cyclone Conditions of Readiness Action Sets (Chronological)1. Pre-Typhoon Season (December-May)a. MCIPAC-MCBB Staff Sections

(1) AC/S, G-3. During April, in coordination with USFJ and 18th Wing as the TCCOR authority, conduct one typhoon drill to activate the damage control organization outlined in Chapter 3. This will include the mustering and briefing of damage control personnel.

(2) AC/S, G-1. Designate three officers in coordination with HQSPTBN and three SNCOs in coordination with III MEF as Typhoon Watch Officers (TWOs) Typhoon Watch Chiefs (TWCs) in support of the MCIPAC-MCBB TWT. Submit names to AC/S, G-3 no later than 15 April.

(3) AC/S, G-4. Publish annual III MEF/MCIPAC-MCBB Bulletin 3006, reference (a), which identifies typhoon personnel and equipment support requirements and sourcing units no later than 1 April.

b. Camp/Station Commanders

(1) Publish camp standard operating procedures for typhoon response and validate with tenants to ensure camp-/station-wide compliance.

(2) Develop and validate reference (a) annually in coordination with tenants and MCIPAC-MCBB G-4.

(3) Coordinate with tenant commands tasked in accordance with reference (a) for designated personnel for typhoon watch teams, equipment and equipment, operators.

c. III MEF. Designate three SNCOs as TWC in support of the MCIPAC-MCBB TWT. Submit names to the MCIPAC-MCBB G-1 for consolidation no later than 15 April.

d. Tenant Units. Provide support to camp/station commanders as tasked in reference (a).

e. Destructive Weather Rations. Destructive weather rations will be requested, issued, and returned in accordance with Chapter 4.

2. TCCOR-5. Destructive winds are possible within 96 hours. TCCOR-5 is not typically used in Okinawa.

3. TCCOR-4. Destructive winds are possible within 72 hours.

a. MCIPAC-MCBB Staff Sections(1) AC/S, G-3

(a) Be prepared to execute all phases of this Bulletin.

(b) Maintain and update typhoon status updates.

- (2) General Facilities (G-F) Division. See Chapter 6 of this Bulletin.
 - (3) AC/S, G-6. See Chapter 5 of this Bulletin.
 - b. Camp/Station Commanders. Be prepared to execute all phases of this Bulletin.
 - c. Tenant Units. Be prepared to execute all phases of this Bulletin.
4. TCCOR-3. Destructive winds are possible within 48 hours. Activities aboard military installations will continue without interruption. As the threat of a typhoon becomes greater, service commanders will progressively prepare their facilities against potential storm damage. If a storm begins to move away while Okinawa is in TCCOR-3, then a return to TCCOR-SW, All Clear (1 December through 31 May), or TCCOR-4 (1 June through 30 November) may be declared.
- a. Officer of the Day (OOD) (after working hours); MCIPAC-MCBB G-3 (during working hours)
 - (1) Upon receipt of a TCCOR-3 alert, notify key personnel/camp/station commanders per enclosure (2).
 - (2) Update and release AMHS message and email to HHQ with the tropical typhoon condition established.
 - (3) Initiate the appropriate TEAMS or ChatSurfer chat to ensure operational and promulgate login information to key personnel. Upload appropriate Storyboard and forecast information to chat, secure until TCCOR-2.
 - (4) Log all significant events in the OOD Logbook.
 - (5) Update MCOP.
 - b. TWT. Upon declaration of TCCOR-3, the designated TWT shall report to the G-3 COPSO for a typhoon brief.
 - c. Camp/Station Commanders
 - (1) Notify tenant units of TCCOR-3.
 - (2) Organize and prepare to activate the Camp/Station Emergency Operations Center (CEOC) to receive and forward up-to-date information.
 - (3) Plan for the evacuation of temporary buildings. Temporary buildings will be evacuated during TCCOR-2 if winds in excess of 75 kts are expected. Request overflow billeting space through the Base General Facilities Division if required.
 - (4) Plan for the operation of mess halls during TCCOR-1 and prepare for closure of mess halls during TCCOR-1C, 1E, and 1R.
 - (5) Supervise the securing of loose equipment, supplies or debris subject to wind or water damage or which could cause injury or damage by being blown about. Notify the MCIPAC-MCBBODD when completed.

(6) Coordinate support to tenant units as requested.

(7) Plan for the billeting and messing of personnel furnished by external sources. Plan for emergency communications, transportation, and the evacuation of temporary facilities.

(8) Designated representative will report completion of TCCOR-3 Action Sets via MCOP and confirm in applicable chat.

d. Tenant Units

(1) Provide support in accordance with reference (a).

(2) Report completion of TCCOR-3 Action Sets to CEOC per camp SOP.

e. III MEF Battle Center. Activate communication nets per Chapters 5, 7, and 9 of this Bulletin.

f. 3d Marine Division, AC/S G-3. Notify JWTC of TCCOR-3 and prepare to evacuate personnel if considered necessary.

5. TCCOR-2. Destructive winds are anticipated within 24 hours. Normal activities aboard military installations continue without interruption. If the storm changes direction or abates while Okinawa is in TCCOR-2, a return to TCCOR-SW or TCCOR-4/All Clear may be declared.

a. MCIPAC-MCBB G-3 or OOD (after hours)

(1) Upon receipt of a TCCOR-2 alert from Kadena Air Base Weather, repeat action as required in paragraph 4a of this chapter.

(2) Activate the radio net on Zone B, Channel 3 per enclosure (5). Base stations and land mobile radio (LMR) handsets will identify Zone B, Channel 3 as either BUSMC3 or BMCIPAC3. Conduct communications check utilizing base stations with all camps/stations and then secure the net until TCCOR-1 is set.

(3) Notify OOD and TWT personnel of current TCCOR and advise them to prepare to stand up. Upon setting of TCCOR-1, the TWT will report to the BEOC and assume their duties. The OOD will remain in support until the setting of TCCOR-1C.

(4) Update MCOP at setting of TCCOR and once all camps and sections have confirmed completion of all applicable TCCOR action sets.

(5) Update and release AMHS message and email to HHQ with the tropical typhoon condition established.

(6) Upload appropriate Storyboard and forecast information to designated chatroom, monitor chatroom during normal business hours (0700-1700).

b. TWT. Upon declaration of TCCOR-2, the designated TWT shall log into and monitor the appropriate chatroom. The Typhoon Watch Chief shall provide e-mail and phone contact information in the chat and shall engage with CEOCs until all equipment identified in reference (a) is appropriately staged. **NOTE: Camps cannot report that they have achieved TCCOR-2 until all equipment and personnel is staged in accordance with reference (a).**

c. Camp/Station EOC

- (1) Promulgate the setting of TCCOR-2 to tenant units.
- (2) Activate the camp/station EOC. Report activation to BEOC.
- (3) Respond to BEOC communication check utilizing an LMR base station on Zone B, Channel 3 per enclosure (5). Base stations and LMR handsets will identify Zone B, Channel 3 as either BUSMC3 or BMCIPAC3. The BEOC will conduct one net check and then secure the net until TCCOR-1 is set.
- (4) Muster and brief Damage Control teams per Chapter 3 of this Bulletin and reference (a).
- (5) Continue securing loose equipment and debris.
- (6) Evacuate temporary facilities as required. Ensure proper security. Notify the OOD/BEOC of evacuated facilities.
- (7) Designated representative will report completion of TCCOR-2 Action Sets via MCOP and confirm in applicable chat.

d. Tenant Units

- (1) Stage all personnel and equipment identified in reference (a) upon the declaration of TCCOR-2. Priority of missions for tactical vehicles is (1) transport of troops from field training, (2) delivery of water trailers and generators, and (3) delivery of vehicles to CEOCs.
- (2) Provide personnel and equipment for damage control (DC) functions as required per reference (a).
- (3) Ensure personnel walk unit area prior to the storm to secure loose equipment and debris.
- (4) Secure from field training and strike tentage.
- (5) Prepare tactical vehicles for destructive weather. Park vehicles to provide maximum protection. Fuel all vehicles needed for storm and recovery operations in accordance with reference (a).
- (6) Evacuate temporary facilities if winds of 75 kts or greater are expected.
- (7) Report completion of TCCOR-2 Action Sets to CEOC.

e. MCIPAC-MCBB Staff Sections

- (1) AC/S, G-4
 - (a) Secure outside area of building 1 of all loose articles.
 - (b) Provide sandbags to secure hatches and prevent flooding in basement of building 1.
 - (c) Designated representative will report completion of TCCOR-2 Action Sets via MCOP and confirm in applicable chat.

(2) AC/S, G-F

(a) Activate the Maintenance Operations Center with emergency crew personnel. Notify G-3 and OOD once activated.

(b) Designated representative will report completion of TCCOR-2 Action Sets via MCOP and confirm in applicable chat.

(3) Each of the following staff sections will establish a designated, continuous representative or and will advise the OOD/BEOC of the location and telephone numbers. The watch will be secured only when authorized by the TWT.

(a) MCIPAC-MCBB G-F Division FMB 645-7293/7294

(b) MCIPAC-MCBB Provost Marshal's Office (PMO), 645-2969/2284/2448

(c) MCIPAC-MCBB G-4 Motor Transport, 645-2460/3774

(d) Fire and Emergency Services, 645-3776

(e) MCIPAC-MCBB COMMSTRAT, 645-1089/3990

f. 1st MAW. Activate communication net per Chapter 7 of this Bulletin.

6. TCCOR-1. Destructive winds are anticipated within 12 hours. All nonessential activities should be discontinued as directed by service commanders. All Department of Defense Dependent Schools (DODEA) will close. Children will return and/or remain home. School buses will return children if en route, however, staff and teachers work during normal duty hours. If, due to a diminishing threat of destructive winds, All Clear or a lesser TCCOR is declared, personnel will return to normal duty as directed by service commanders. **Military/civilian personnel may be selectively released if necessary to supervise children released from school or per command/unit guidance.**

a. TWT/OOD/BEOC

(1) Upon declaration of TCCOR-1, the TWO and TWC will report to the MCIPAC-MCBB BEOC at Camp Foster building 1C to conduct turnover with the OOD.

(2) Promulgate the setting of TCCOR-1 per paragraph 4a of this chapter.

(3) Finalize preparations to execute TCCOR-1C.

(4) Activate the radio nets and conduct radio checks on BUSMC3/BMCIPAC3 at 0600, 1200, 1800, and 0000 daily and at any TCCOR change. Annotate each radio checks in appropriate file/folder. Follow up with unresponsive entities by phone, then email.

(5) Upload appropriate Storyboard and forecast information to designated chatroom. Chatroom will be monitored 24/7 from the setting of TCCOR-1.

(6) Monitor 18th Wing Strike Team chat as promulgated by 18th Wing.

(7) Update MCOP at setting of TCCOR and once all camps and sections have confirmed completion of all applicable TCCOR action sets.

(8) Update and release AMHS message with the tropical typhoon condition established.

b. Camp/Station Commanders

(1) Promulgate the setting of TCCOR-1 to tenant units.

(2) Finalize preparations to execute TCCOR-1C.

(3) Selective curtailment of activities may be implemented.

c. Camp/Station EOC

(1) Camp EOCs will be fully activated no later than the setting of TCCOR-1. Notify BEOC upon full activation.

(2) Maintain a journal of CEOC significant actions.

(3) Conduct radio checks with BEOC on BUSMC3/BMCIPAC3 and monitor published typhoon chat.

(4) Designated representative will report completion of TCCOR-1 Action Sets via MCOP and confirm in applicable chat.

(5) Confirm staging of all equipment and personnel identified in reference (a) to TWT. All personnel and equipment identified should be in-place no later than the setting of TCCOR-1.

d. Tenant Units

(1) Continue actions from previous TCCOR settings.

(2) Commanders may selectively curtail activities.

(3) Prepare to execute TCCOR-1C.

(4) Ensure communication nets are activated.

(5) Report completion of TCCOR-1 Action Sets to CEOC.

7. TCCOR-1C. Sustained winds of 35-49 kts are occurring and destructive winds are anticipated.

a. All nonessential activities not already curtailed shall be discontinued as directed by service commanders. Government motor vehicle operations will be curtailed. Private and government vehicle operations will be limited to personnel returning to their quarters or duty post and government vehicles returning to secure locations. If due to a diminishing threat of destructive winds, TCCOR-SW or TCCOR-4/ All Clear is declared, personnel will return to normal duty as directed by service commanders.

(1) Military and civilian personnel not required for the performance of operations will be released immediately. Telework-eligible employees are expected to report to their approved telework site as safety permits

(2) Personnel not involved in emergency operations will remain indoors.

b. TWT. OOD is released to quarters NLT than the setting of TCCOR-1C.

(1) Promulgate the setting of TCCOR-1C as per paragraph 4a of this chapter.

(2) Finalize preparations to execute TCCOR-1E.

(3) Update the MCIPAC-MCBB typhoon chat and continue to monitor.

(4) Monitor 18th Wing Strike Team chat as promulgated by 18th Wing.

(5) Update MCOP at setting of TCCOR and once all camps and sections have confirmed completion of all applicable TCCOR action sets.

(6) Update and release AMHS message with the tropical typhoon condition established

c. Camp/Station Commanders

(1) Promulgate the setting of TCCOR-1C to all tenants units.

(2) Secure all activities except those in support of urgent military or civil missions. Camp/station commanders will specify in their plans those activities under their jurisdiction which must be continued. Essential activities include, but are not limited to: damage control, telephone/communications centers, weather service, and mess halls. The following specific activities will be discontinued, but this list is not exhaustive:

a. Dining Facilities.

b. Amusement and recreation activities.

c. PX/BX, commissaries, snack bars, and restaurants. Commissaries and BXs will close unless otherwise directed.

d. Domestic labor, except live-in employees.

(3) Curtail vehicles operations until the initial flow of private vehicle traffic from discontinued activities to quarters has ended. Vehicle operations will be limited to watch changes, damage control functions, and closing facilities. The CEOC must approve all vehicle dispatches, other than damage control teams and emergency vehicles (i.e. PMO, Fire, Facilities Maintenance). Contact the Commanding General via MCIPAC-MCBB AC/S G-3 for authorization to deploy 7-ton trucks under wet road conditions.

(4) Colors will be lowered to preclude danger to exposed personnel and to the displayed flags. Colors will not be displayed until TCCOR-4/All Clear is established.

d. Camp/Station EOC

(1) Continue logging significant events, continue LMR radio checks on BUSMC3/BMCIPAC3 with BEOC, and monitor published typhoon chat.

(2) Designated representative will report completion of TCCOR-1C Action Sets via MCOP and confirm in applicable chat.

e. Tenant Units

(1) Continue actions from previous TCCOR settings.

(2) Secure all activities except those in support of urgent military or civil missions. Essential activities include, but are not limited to: damage control, telephone/communications centers, weather service, and mess halls.

(3) Military and civilian personnel not required in the performance of these operations will be released immediately. Telework-eligible employees are expected to report to their approved telework site as safety permits

(4) Use of government vehicles will be curtailed until the initial flow of vehicle traffic to quarters from discontinued activities has subsided.

(5) Report completion of TCCOR-1C Action Sets to CEOC per camp SOP.

8. TCCOR-1E. Destructive winds are occurring. Continuance of indispensable military and civil operations; emergency functions for the preservation of life, law, and order may be permitted by camp/station commanders. All personnel, except those in the functions noted, are prohibited from leaving their quarters/shelters until TCCOR-SW or TCCOR-4/All Clear is declared.

a. TWT

(1) Promulgate the setting of TCCOR-1E as per paragraph 4a of this chapter.

(2) Coordinate inter-installation emergency support as required. This includes emergency maintenance, firefighting, medical transportation, evacuation, communications, etc.

(3) Receive damage, casualty, and evacuation reports per paragraph 11b(8). Submit copy of reports to MCIPAC-MCBB, AC/S G-3.

(4) Update and monitor the MCIPAC-MCBB typhoon chat.

(5) Monitor 18th Wing Strike Team chat as promulgated by 18th Wing.

(6) Update MCOP at setting of TCCOR and once all camps and sections have confirmed completion of all applicable TCCOR action sets.

(7) Update and release AMHS message with the tropical typhoon condition established

b. Camp/Station Commanders

- (1) Promulgate the setting of TCCOR-1E to tenant units.
- (2) Coordinate inter-installation emergency support as required.
- (3) Dispatch reconnaissance/rescue team(s) to patrol the camp/station only as required. Keep the CEOC advised of the status of DC teams.
- (4) Compile and submit damage, casualty and evacuation reports to the OOD/BEOC. This submission should be initially by phone with a written follow-up per paragraph 11b(8).
- (5) Authorize the continuance of indispensable or emergency military and civil functions for the preservation of life or law and order. All other activities will remain discontinued.
- (6) During mess hall closure, missed-meal prorated subsistence allowance is authorized if MREs are not issued. Missed meal rosters will be accounted for per chapter 4 of this Bulletin.
- (7) Motor vehicle operation will be limited to ambulances and tactical military or GF, FMB vehicles hard-backed or “undressed” and three tons or more. No wheeled vehicle will be operated when wind speed exceeds 80 kts (92 mph), except in a life-or-death situation. Vehicle movement must be coordinated with each camp/station EOC. Emergency First Responders will notify the BEOC of their movements. If it is determined by the department that they cannot respond to a call for emergency response due to weather conditions, then a request will be routed to the BEOC for a final determination on response. FES Chief Officers will perform a hazard risk assessment of each call for service above TCCOR-1C and dispatch suitable apparatus in coordination with the appropriate authority.
- (8) Ensure Damage Assessment and Recovery personnel operating outdoors are wearing helmets, goggles, and upper torso body armor.
- (9) At least one gate per facility will remain operational. Operational gates will be manned with a minimum of two personnel and two means of communication for redundancy (e.g., phone and radio). Gates unable to be physically secured must remain manned. PMO will ensure sentries are posted at the designated gates in enclosure (10).
- (10) Camp Foster Gate 7, Hospital Gate will also remain open and manned during TCCOR-1E to accommodate for inbound traffic for emergency care at the USNHO.
- (11) Traffic through the camp/station gates will be restricted to emergency vehicles (see paragraph 7 above).

c. Camp/Station EOC

- (1) Continue logging significant events, continue LMR radio checks with BEOC, and monitor published typhoon chat.
- (2) Designated representative will report completion of TCCOR-1E Action Sets via MCOP and confirm in applicable chat.

d. Tenant Units

(1) Report casualties, damage, and evacuation to the applicable CEOC per paragraph 11b(8) of this Chapter.

(2) Motor vehicle operations will be limited to damage control and emergency vehicles only and dispatches must be approved by the CEOC. No privately owned vehicles will be driven.

(3) Mess hall will be closed; missed-meal prorated subsistence allowance is authorized if MREs are not issued. Missed-meal rosters will be accounted for per Chapter 4.

(4) Report completion of TCCOR-1E Action Sets to CEOC per camp SOP.

9. TCCOR-1R. Destructive winds are no longer occurring or forecasted to occur but hazards may exist from typhoon aftermath. Survey and work crews are sent out to determine the extent of damage and to establish safe zones around hazards (e.g. downed power lines, blocked roads, unstable structures).

a. Nonessential functions remain closed, until All Clear is established.

b. All but emergency personnel remain in quarters.

c. DODEA schools will remain closed.

d. Camp/Station DC personnel will be directed to survey designated areas to assess damage and identify hazards. Engineering personnel will begin emergency recovery actions. If there is extensive damage, the island may remain in TCCOR-1R while a selective recall is made to obtain personnel to remove hazards and assess damage. Joint Service Emergency COCs will report major hazards to the 18th Wing via Joint Emergency Coordination Center-Okinawa (JECC-O), if activated.

e. If TCCOR-1R is set during normal working hours on or before 1300 all G-F, FMB personnel report for duty. If TCCOR-1R is set after 1300 or outside of normal working hours, (e.g. weekends, etc.), personnel will be recalled as required by their supervisor.

f. Within two hours of the setting of TCCOR-1R, initial Camp readiness assessments should be forwarded to the MCIPAC-MCBBTWT for submission to 18th Wing in preparation for a transition out of Recovery. These early readiness assessments should address whether roadways on the camp/installation are drivable and the status of key facilities such as mess halls, schools, and other high traffic or critical infrastructure.

10. TCCOR-SW. Destructive winds are not forecast to exceed 50 knots sustained. High winds may include gusts exceeding 50 knots and/or sustained winds between 35-49 kts. The storm is close enough to the area that a heightened alert status is necessary in order to rapidly establish elevated TCCOR conditions should the storm deviate from the forecast track. In some instances, it may be necessary to return to TCCOR-SW from another TCCOR level if the storm is not currently forecast to impact the area, but is in close enough proximity that should it change course, it could likely impact the area.

a. Return to work procedures at issuance of TCCOR-SW are covered in paragraph 4c(9) of the main bulletin.

b. If TCCOR-SW is declared following TCCOR-1R, camp/station damage control personnel will continue to survey designated areas to assess damage and identify hazards. GF, FMB personnel will continue emergency recovery actions.

11. TCCOR All Clear. Destructive winds have subsided. Normal activities can be resumed; however, caution should be exercised in conducting outdoor activity. Military and civilian personnel will return to work during normal duty hours unless instructed otherwise by their chain of command. Commissaries will reopen unless directed otherwise by the installation commander.

a. Return to work procedures are covered in paragraph 4c(9) of the main bulletin.

b. TWT/OOD

(1) Promulgate TCCOR All Clear.

(2) OOD will report within two hours and will assume OOD duties from TWO.

(3) TWO will conduct turnover with OOD to ensure continuity in reporting for reports submitted 24 hours after setting of TCCOR-4/AC.

(4) Post final update to MCIPAC-MCBBBtyphoon chat and provide instructions for final reports. Close chat.

(5) Monitor 18th Wing Strike Team chat until closed by 18th Wing.

(6) Update MCOP at setting of TCCOR and once all Camps and Sections have confirmed completion of all applicable TCCOR action sets.

(7) Update and release AMHS message with the tropical typhoon condition established

(8) Reports. Consolidate 24 hour damage and casualty reports. Cross-check TWT input with the Maintenance Operations Center and the U.S. Naval Hospital. These reports should be in the following format:

(a) Facilities Damage. Building number, description of damage, and cost of repair (if known).

(b) Equipment Damage. Item, unit, description of damage, and cost of repair (if known).

(c) Casualties. Name, rank, service, SSN, unit, injury, deposition.

(9) Send consolidated damage and casualty report to MBC for submission to USFJ using enclosure (5) within 24 hours.

b. Camp/Station Commanders

(1) Promulgate the setting of All Clear to tenant units.

(2) Continue full operation of CEOC until no longer required. Report stand-down of CEOC to TWT or OOD, whichever is in place.

(3) Receive, consolidate, and submit casualty and damage reports to the MCBB OOD. The report must be submitted within 24 hours of setting TCCOR-4/All Clear and in the format per paragraph 11b(8) of this chapter.

(4) Normal vehicle dispatch may commence.

(5) Clean-up operations may commence.

(6) Destructive weather rations (MRE) will be issued only to those camps/stations that have sustained damage to mess halls rendering them inoperable following a typhoon.

(7) When All Clear is declared between 0800 and sunset, colors will be raised as soon as practical with appropriate formality.

c. Tenant Units

(1) Submit casualty and damage reports to the CEOC and to your major command. Initial reports will be by phone/radio; follow-up will be a written report per paragraph 11b(9).

(2) Civilians and military personnel are to report to work during TCCOR-4/All Clear during their normal working hours/shifts unless otherwise directed. This announcement will be made over AtHoc, American Forces Network (AFN) radio and television, as well as unit and command social media. Failure to have knowledge of such an announcement will not be considered a valid reason for late return to work.

(3) Begin retrieving equipment provided per reference (a).

(4) Ensure assigned area is cleaned up prior to liberty call.

d. U.S. Naval Hospital, Okinawa. Within eight working hours after All Clear, submit a telephonic report to the AC/S G-3, MCIPAC-MCBB. Submit a written damage report within 24 working hours per paragraph 11b(9) of this chapter.

12. Key Personnel, Commands, and Staff

a. All typhoon track status updates and TCCOR changes will be sent "To:" the current Commanding General, MCIPAC-MCBB, "Cc" the email addresses below:

(1) MCIPAC_STAFF2@usmc.mil

(2) MCBBButlerTyphoonStatusUpdate@usmc.mil

b. Requests for individual personnel or organization boxes to be added to the MCBBButlerTyphoonStatusUpdate@usmc.mil distribution list should be sent to MCIPAC_EM@usmc.mil.

c. All response specific correspondence, to include damage and casualty report instructions, chat room activation, and other targeted messaging will be sent only to the MCBBButlerTyphoonStatusUpdate@usmc.mil address.

Chapter 3

Damage Control Organization

1. General. Overarching personnel and equipment support from the tenants to the camps is identified in reference (a). This Chapter identifies the Damage Control Organization for the camps and stations which include resources from reference (a) as well as internal camp and installation resources.

a. Damage Control (DC) Team Requirements. DC Teams of appropriate grade will be established as appropriate:

	JWTC	Schwab	Hansen	Courtney	Foster	Futenma	Kinser	White Beach
CEOC	1	1	1	1	1	1	1	0
Recon Tm	0	2	2	2	2	2	2	0
Equip Tm	0	0	1	0	1	0	1	0
Maint Tm	0	1	1	1	1	1	1	0
Fire Sta	0	1	1	0	1	1	1	0
G-6 Maint	0	0	0	1	1	0	0	0

Figure 3-1 Damage Control Team Requirements by Camp/Installation

b. Damage Control Emergency Vehicle signs. DC vehicles used during TCCOR-1C will not have signs. DC teams will not operate during TCCOR-1E unless deemed a matter of life, limb, or eyesight.

c. Personal Protective Equipment. DC Teams will be required to wear upper torso body armor, goggles, and helmets while outside during TCCOR-1E.

2. Officer of the Day (OOD)/Typhoon Watch Team(TWT)

a. General. The OOD operates under the direction of the Commanding General, MCIPAC-MCBB. Each camp/station commander is responsible for their camp/station and all tenant units/activities aboard the camp. The OOD will coordinate inter-service assistance when required. The Okinawa Area Coordinator (OAC), when established by USFJ, will coordinate and direct all civil relief activities through the BEOC. This does not preclude assistance by responsible individuals in case of emergency, when immediate action is necessary to prevent loss of life and serious injury, or to alleviate human suffering. However, this action must be reported to the OOD as soon as possible.

b. Communications. OOD will monitor and utilize primary (NIPR computer), secondary (telephone), and tertiary (Land Mobile Radio) communications. OOD will activate and maintain the typhoon chat at TCCOR-3. OOD will activate the LMR net at TCCOR-2 and secure until TCCOR-1. The LMR net shall be monitored continuously from TCCOR-1 through the return to TCCOR-4. Recurring LMR communications checks shall occur at each TCCOR change and at 0600, 1200, 1800, and 0000 throughout the typhoon response.

c. Duties. Primary TWT duties are outlined in Chapter 2. The OOD/TWT shall also coordinate inter-installation DC teams, emergency maintenance, firefighting, medical aid, transportation, evacuation, communications, etc. as required.

d. Personnel

- (1) One OOD or TWO.
- (2) One TWC.
- (3) Two Clerks

e. Watches. The OOD will be relieved by the Typhoon Watch Officer (TWO) once TCCOR-1 is declared. The TWC will report at TCCOR-1. The Base Duty Clerks will remain on duty as part of the TWT. Upon declaration of TCCOR All Clear the Typhoon Watch Officer and SNCO will be relieved by the scheduled OOD and the clerks shall return to normal duty.

f. Equipment

- (1) Typhoon Information Binder (this Bulletin and the Typhoon Watch Team SOP).
- (2) MCEN-N Computer.
- (3) LMR base station and handsets

3. Camp/Station Emergency Operations Centers (CEOC). Each CEOC is established, manned, and operated under the respective camp/station Commander. The CEOC is responsible for establishing and supervising all damage control procedures located within the respective camp/station during a natural disaster.

a. Duties. Refer to Chapter 2 of this Bulletin.

- (1) Establish communications per Chapter 5 and enclosure (6) of this Bulletin.
- (2) Coordinate DC teams, emergency maintenance, firefighting, transportation, evacuation, communications, etc., as required.

b. DC Personnel. The camp/station damage control teams will consist of at least two watches, each with the below listed personnel, (personnel and equipment may vary based on camp/station capability).

- (1) One SNCO.
- (2) One clerk – 0151.
- (3) One radio operator - 0621.
- (4) One driver - 3531 (Covers all watches).

c. DC Team Equipment

- (1) Maps of camp/station and flashlights.
- (2) Communications equipment.
- (3) Vehicle

d. DC Team Watches. The first watch will go on duty at TCCOR-1. The tour of duty will be determined by the camp/station commander.

4. Damage Recovery Team

a. Mission. The recon/rescue team is under the operational control of the respective CEOC. It patrols the camp to report conditions, rescue trapped personnel within capability, and conduct a survey of the camp/station during TCCOR-1R. It may not operate during TCCOR-1E unless ordered by the camp/station commander.

b. Personnel. Each team will be comprised of the following personnel:

(1) One NCO.

(2) Two enlisted (any MOS).

(3) One driver – (any MOS).

(4) One corpsman.

c. Equipment

(1) The camp/station will provide blankets, foam fire extinguishers, picks, axes, shovels, crowbars, litters, lanterns, flashlights, and water cans.

(2) One portable radio per team.

(3) One vehicle (MTVR, utility task vehicle (UTV), JLTV, or hardback HMMWV) per team.

5. Heavy Equipment Team

a. Mission. The heavy equipment team provides support to assist the recon/rescue team in rescuing trapped personnel in coordination with the fire department and other emergency responders. They are dispatched within their respective camp/station by the CEOC or inter-installation by the OOD after coordination with the respective CEOC.

b. Personnel

(1) One SNCO – 3529

(2) One driver – 3523

(3) One assistant driver – any MOS

c. Equipment

(1) One wrecker

(2) One portable radio transceiver

6. Facilities Maintenance Team. GF, FMB will have a team assigned to each camp and MCAS Futenma to provide on-site assessment and repair of damage that may occur during a natural disaster.
7. Fire Stations. Fire station will remain on standby during all typhoon conditions to provide normal fire, ambulance, and emergency response. During TCCOR-1E, emergency response is limited to hardback ambulance response and personnel in proper personal protective equipment (PPE). Communications will be per Chapter 5 and enclosure (6) of this Bulletin.
8. Provost Marshal's Office. BPT continue operations during TCCOR-1C, TCCOR-1E, and TCCOR-1R. Communications will be per Chapter 5 of this Bulletin.
9. AC/S G-6, Base Comm-Elect Maintenance Teams. Comm-Elect emergency repair crews will be dispatched to the main telephone exchanges on Camp Foster and Camp Courtney upon setting of TCCOR-1C. Teams will have a two day supply of MREs.
10. Tenant Units. Tenant Units will provide personnel and equipment as designated in reference (a). Ensure personnel report with a minimum of rain gear, helmet, flak jacket, goggles, cot, sleeping bag, change of uniform, toilet kit, and a two day supply of MREs.

Chapter 4

Support Requirements

1. Support Requirements. Upon setting of TCCOR-2, units will provide personnel and equipment IAW reference (a). In the event of a unit's deployment or non-availability, the parent command will designate an alternate unit and notify the MCIPAC-MCBB G-4 office. Each supporting unit reports status of required equipment that is up and ready to their major command's logistics office on a regular basis. MCIPAC-MCBB G-4 will update reference (a) each year to reflect changes in assets that are required and assigned for use during destructive weather.

2. Transportation Support Procedures

a. Motor Transport Branch (MTB) and sub account Responsible Individuals (RI) will execute their mission and prepare their assigned Non-Tactical Vehicle (NTV) for destructive weather in accordance with the following:

(1) Operators shall avoid low-lying areas during heavy rains. Vehicles shall not be driven through flooded areas (6 inches or more of water – road surface not visible). Drivers shall exercise caution in choosing driving speeds that allow for safe stopping and avoidance of debris or water in roadways.

(2) Drivers may terminate their routes at any time if they feel continuation of operations endangers the safety of personnel or presents the risk of property damage.

(3) Storm Watch, TCCOR-5, TCCOR-4, TCCOR-3 and TCCOR-2. MTB, to include The Green Line (TGL), remain at full operation.

(4) TCCOR-1

(a) MTB will begin the shutdown of TGL. MTB will ensure passenger notice signs are prominently posted in all in-service buses and will report final TGL shutdown to the MCIPAC-MCBB BEOC within 4 hours after setting of TCCOR-1.

(b) All NTV supporting field training will return to designated motor pools.

(c) All NTV trip tickets shall be verified and updated to reflect sufficient dispatch for the duration of the storm. Fuel tanks will be filled and vehicle windows and doors will be secured.

(d) Distinguished visitor sedans and vans shall be returned to the MTB motor pool located behind bldg. #5832, Camp Foster, for more secure (inside) storage.

(e) NTV Safe Haven. MTB motor pools at Camp Hansen, Foster, and Kinser are available for NTV safe haven. All keys for safe havened NTV will be relinquished to the duty dispatcher.

(5) TCCOR-1C

(a) All NTV not returned to MTB shall be parked in secure areas away from trees, poles, temporary structures, streams, and low-lying areas prior to securing operators. Selected parking areas should incorporate natural or man-made wind breaks to the maximum extent possible. Parking brakes will be engaged and wheels "chocked and blocked."

(b) NTV Safe Haven. MTB facilities located at Camps Hansen and Kinser will close immediately upon the setting of TCCOR-1C. Camp Foster will be available up to one hour after setting TCCOR-1C. Sub account RIs should contact the duty dispatcher at 645-2640 or cellular 090-6861-4949 for safe haven after the setting of TCCOR-1C. All keys for safe havened NTV will be relinquished to the duty dispatcher. Operators will receive a storage receipt for vehicle accountability.

(6) TCCOR-1E. All MTB operations, to include TGL, are suspended.

(7) TCCOR-1R. All MTB operations, to include TGL, are suspended.

(8) TCCOR-AC/4

(a) MTB will take necessary steps to open facilities and return TGL to regular service as quickly as possible.

(b) For TGL, if TCCOR All Clear is set with less than 8-hours remaining in TGL's normally prescribed schedule, TGL will resume normal operations the following day.

(c) NTV sub account RIs are required to inventory and inspect assigned assets and submit a NTV equipment status report within 4 hours following the setting of TCCOR All Clear during normal working hours. If after normal working hours, reports will be submitted the next business day. Reports will be submitted by phone 645-2640 or email to the MTB organizational mail box: NTV.MCIPAC-MCBB@usmc.mil.

(d) All NTV operators will wash NTV thoroughly as soon as possible with fresh water and detergent. Wash racks are available at NTV Camp Foster. Sub account RIs who identify non-operable NTV will contact MTB Operations via phone or email to coordinate recovery.

3. Destructive Weather Rations Procedures. This section provides support to enlisted personnel in BEQs during typhoons or other periods of inclement weather where mess halls must remain closed.

a. Messing under Typhoon Conditions

(1) Marine Corps mess halls on Okinawa will remain open throughout TCCOR-1 and close upon the setting of TCCOR-1C and remain closed during TCCOR-1E and TCCOR-1R.

(2) Camp/station commanders are encouraged to consider the use of the utility outage menu contained in the MCIPAC-MCBB master menu or a modified menu in the event of a loss of power or steam.

(3) When regularly scheduled mess hall service is interrupted during a typhoon, active duty enlisted personnel are entitled to Meals Ready to Eat (MREs) as outlined in reference (a).

(4) Once the mess hall has resumed normal operations, individual billeting rosters listing all enlisted personnel who were billeted in the BEQ during the typhoon and missed a meal (or meals) will be collected and reviewed by each unit commander. Following consolidation and review, all rosters will be submitted to the unit administrative/disbursing section for processing.

(5) Any anticipated use of MREs to support crisis center watches or weather crews during typhoons must be coordinated with the III MEF Chief of Staff, G-4 (Attn: FSO) for appropriate funding, etc.

b. Destructive weather rations are authorized under typhoon conditions (as outlined in Chapter 1) when mess halls are closed or damaged.

(1) Destructive weather rations will be issued to camps and stations that report damaged and inoperable mess halls.

(2) Camp/station commanders should maximize use of all operable mess halls to provide meal support to those commands/units with inoperable mess halls, thus reducing or eliminating the need for MREs.

(3) Destructive weather rations will not be issued unless a typhoon or destructive weather event is imminent.

(4) Destructive weather rations will be obtained from normal III MEF training ration assets located at 3d MLG, Rations Platoon warehouse (Bldg. 300) located at Camp Kinser.

(5) Under a typhoon scenario, accountability for destructive weather rations will be with the 3d MLG and camp/station commanders level only as outlined below in paragraph 3c(3) and 3c(4).

(6) Specific quantities of destructive weather rations will be provided under separate cover as a revision to reference (a).

c. Responsibilities

(1) Marine Corps Base Food Service Officer (BFSO)

(a) Coordinate with the III MEF Food Service Officer all funding issues related to use and replenishment of III MEF training ration assets in support of camp/station destructive weather rations.

(b) Assist with mess hall damage assessment and possible reopening date.

(c) Assist where needed (subsistence, equipment, materials, supplies, etc.) to expedite the reopening of garrison mess halls or support of a modified menu.

(2) III MEF Food Service Officer (III MEF FSO)

(a) Be prepared to provide destructive weather rations from III MEF MRE training assets.

(b) Secure additional funding to replace destructive weather rations that are issued/consumed under this scenario.

(3) Camp/Station Commanders

(a) Determine individual camp/station distribution sites that are suited for rations distribution.

(b) Determine alternative distribution sites suitable to conduct distribution operations should primary distribution sites become damaged during a destructive weather event.

(c) As part of each respective camp/station standard destructive weather plan, determine and coordinate the quantity of destructive weather rations required to be delivered to each Camp/Station.

(d) Notify 3d MLG AC/S, G-4 of a primary and alternate distribution site for prompt delivery of rations.

(e) Establish within camp/station destructive weather plans an up-to-date tenant unit roster of personnel authorized to receive rations.

(f) Issue destructive weather rations to unit representatives for all enlisted personnel located in unit BEQs and officer personnel in Bachelor Officer Quarters (BOQs) only in the event BOQs are damaged and/or lose electrical service. If necessary, officers may purchase destructive weather rations (per applicable orders/directives).

(g) Account for all rations issued from each distribution site.

(h) Coordinate internal camp/station distribution of rations.

(i) Coordinate and monitor repair of damaged mess halls to expedite reopening.

(j) Coordinate the return of unused (unopened) rations from all tenant unit/BEQ representatives back to the distribution site within five working days of a camp/station mess hall(s) resuming operations.

(k) Accept only unopened boxes (cases) of rations for subsequent turn-in. All other rations (open boxes) should be considered consumed.

(l) Coordinate with 3rd MLG for the retrieval and return of unused destructive weather rations.

(4) 3d MLG AC/S, G-4

(a) Once notification has been received from a camp/station commander for destructive weather rations support under these provisions, prepare destructive weather rations for transportation to each respective camp/station requesting support.

(b) Destructive weather rations will only be issued to those camps/stations requesting support.

(c) Before transportation of rations, ensure all appropriate ration data is recorded, such as: quantity, date of pack, inspection test date, etc.

(d) Provide personnel and vehicle assets necessary to support delivery/retrieval of rations to respective camps/stations.

(e) Transportation of rations will be conducted at the earliest possible time following announcement of safe road passage. Ensure rations are properly protected against the elements during transportation.

(f) Deliver rations to camp/station distribution points as expeditiously as possible.

(g) Coordinate with camp/station commanders for the pick-up and return of unused destructive weather rations. Only accept full, unopened boxes of destructive weather rations.

(h) Record and report to III MEF and MCIPAC-MCBB the total quantity of destructive weather rations (cases) consumed during a destructive weather event.

4. Government Owned or Rented Portable Toilet and Hand Wash Stations Destructive Weather Preparation. Camp/station commanders, responsible officers (ROs), and camp services personnel will secure portable toilets and/or hand wash stations located on their camps and/or under their possession for destructive weather in accordance with the following steps:

a. TCCOR-4. Contact the Base Property Control Office (BPCO) Contractor Officer's Representative (COR) for an updated listing of all government owned or rented portable toilets and/or hand wash stations located within each respective camp's zone of responsibility.

b. TCCOR-2. Tie-down, brace or otherwise adequately secure all portable toilets and hand wash stations. Note any pre-existing damage to assets to assist in damage assessment following the destructive weather event. Be sure to annotate and report any pre-existing damage to the BPCO COR.

c. TCCOR-AC/4. Conduct an inventory and damage assessment of assigned portable toilets and/or hand washing stations. Promptly report any damage to the BPCO COR for repair and/or replacement as may be needed.

Chapter 5

Communications

1. General. NIPR email is the primary means of communications with telephone as secondary and Land Mobile Radio (LMR) as tertiary. High Frequency (HF) communications will be setup on a contingency basis (figure 5-1) once ALL CLEAR is given and only if the first three means of communications have failed during the typhoon. LMR communication checks will be conducted upon setting of TCCOR-2 and assets set on standby as directed by the BEOC. Upon setting of TCCOR-1, all communications assets will be activated and will remain active until secured by the BEOC. LMR checks during TCCOR-1 and throughout the return to TCCOR-AC/4 shall occur at 0600, 1200, 1800, 0000 and at each TCCOR change. See reference (a) for personnel and equipment requirements.

2. LMR Disaster Communications. Refer to guard chart in enclosure (6).

a. Zone A - Provides intra-unit coordination for principal staff during all TCCOR phases.

b. Zone B - Provides Marine Corps interoperability and coordination during all TCCOR phases.

(1) Zone B, Channel 3 (coded as either BUSMC3 or MCIPAC3) is the primary channel for communication with the MCIPAC-MCBBBEOC/TWT during typhoon operations.

(2) Zone B, Channel 2 (coded as either BUSMC2 or MCIPAC2) is the alternate channel for communication with the MCIPAC-MCBBBEOC/TWT during typhoon operations.

c. Zone C - Provide Department of Defense interoperability and coordination for all TCCOR phases.

3. Typhoon Chat. The chat function will be unclassified ChatSurfer or Microsoft TEAMS. The MCIPAC-MCBB Typhoon chat room link will be promulgated by the MCIPAC-MCBBOD or TWT personnel no later than the setting of TCCOR-1 via email to appropriate personnel and organizations and will allow participation as appropriate. As of the signing of this Bulletin, MS TEAMS does not currently allow for non-MCEN users to participate in chat functionality, as a result, ChatSurfer is the primary preferred method for chats including non-MCEN users. ChatSurfer can be accessed at: <https://chatsurfer.nro.mil/>

4. Mass Notification System

a. AtHoc. AtHoc is the primary emergency alerting and mass notification platform used by the USMC. The AtHoc enterprise Mass Notification System (eMNS) will be used to provide electronic notification of TCCOR conditions. MCIPAC-MCBBG-3 will ensure Okinawa wide AtHoc notifications originate from the EM or other designated personnel. Camp EOCs may release camp specific notifications as necessary, but will refrain from duplicating TCCOR change notifications.

b. Big Voice/WAVES. Camps and stations will use the Big Voice/WAVES system to audibly broadcast changes in TCCOR to their populace based on camp protocol.

5. Social Media and Military Typhoon Links

a. Joint Typhoon Warning Center: <https://www.metoc.navy.mil/jtwc/jtwc.html>

b. 18th Services Typhoon (Shogun Weather): <https://www.kadena.af.mil/Agencies/Local-Weather/>

c. Joint Service Okinawa Typhoon Guide:
https://www.kadena.af.mil/Portals/40/documents/Home%20page%20links/Typhoon%20Guide%202021%20Edition%203.pdf?ver=XmuE-v3ddyEEO_WESYWMQQ%3d%3d

d. Japan Meteorological Agency (JMA) Cyclone Information:
<https://www.jma.go.jp/bosai/map.html#5/34.5/137/&elem=root&typhoon=all&contents=typhoon&lang=en>

e. Social Media

- (1) Marine Corps Installations Pacific (Facebook)
- (2) @OkinawaMarines (Twitter)
- (3) Kadena Air Base (Facebook)
- (4) @KadenaAirBase (Twitter)

Legend

M-Monitoring	X-Transmit/Receive	-- - No access		
ACTIVITY	CALL SIGN	BEOC	CEOC	SUPPORT PROVIDER
BUTLER	BEOC	X	--	1st MAW
III MEF	MEF	X	--	7th CommBn
JWTC CEOC	JWTC	X	X	3rd MARDIV
SCHWAB CEOC	SCHWAB	X	X	3rd MARDIV
HANSEN CEOC	HANSEN	X	X	7th CommBn
COURTNEY CEOC	COURTNEY	X	X	3rd MARDIV
FOSTER CEOC	FOSTER	X	X	1st MAW
FUTENMA CEOC	FUTENMA	X	X	1st MAW
KINSER CEOC	KINSER	X	X	3rd MLG
BUTLER FIRE CHIEF	FIRE CHIEF	X	--	
BUTLER FAC MAINT	MOC X	--		
USNH	HOSPITAL	X	X	
OTHERS	ASSIGNED AS REQUIRED			

LMR- refer to enclosure (6)

HF Frequencies
 Primary: 6.980
 Secondary: 10.177

All nets checked at TCCOR-2, activated upon TCCOR-1, and secured upon TCCOR All Clear when authorized by OOD/BEOC.

Figure 5-1.—Communications

Chapter 6

G-F Division, Facilities Maintenance Branch

1. General. The Facilities Maintenance Branch detachments aboard each camp are designated as emergency maintenance teams which are a part of the Damage Control organization. They are under the operational control of the Maintenance Operations Center (MOC) and will coordinate with the respective camp/station commanders.

2. TCCOR-4. Be prepared for rapid escalation of TCCOR if a storm develops near Okinawa. Identify overall planning and coordination for the operation of emergency generators, including tenant unit assets. Expedited repairs or replacement of deadlined generators and double throw switches.

3. TCCOR-3

- a. Normal work will continue except for those personnel necessary to complete DC preparations.
- b. Prepare typhoon job order.
- c. Open Typhoon log.
- d. Activate typhoon plot board.
- e. Check emergency supplies and equipment.
- f. Typhoon-proof buildings as required.
- g. Plan for disconnection of electrical services as directed.
- h. All permanently installed emergency generators will be serviced and those dead-lined will be repaired or replaced on priority basis. Ensure all fuel tanks are full.

4. TCCOR-2

a. The MOC will be activated upon setting TCCOR-2 and will direct the activities of the maintenance branch. Upon activation, maintain communication with G-3, OOD, and TWO/SNCO.

(1) Location. Operations Section, Bldg FOS-363, Camp Foster, telephone 645-7294/4/5/6.

(2) Personnel. TCCOR-2 and TCCOR-1: Officer/SNCO, radio operator, and driver.

(3) Communications. Draw two portable radios from the Facilities Maintenance resources.

(4) Duties

(a) Authorize dispatching of maintenance forces for emergency repairs during TCCOR-1E.

(b) Coordinate opening of camp electric feeder when approved by OOD/BEOC.

(c) Plan for post natural disaster emergency repairs and placement of standby generator assets per priorities noted in paragraph 11 of this chapter.

(d) Maintain natural disaster manning level data.

(e) Maintain a complete maintenance journal of all significant actions, incoming and out-going reports, to include: time, action taken, and reference to amplifying data.

(f) Maintain a listing of damage reports for camp damage assignment purposes.

(g) Confirm emergency switching arrangements with Okinawa Electric Power Company (OEPC).

b. Camp/Station Maintenance Teams. Each camp/station maintenance detachment will establish an emergency maintenance team.

(1) Personnel

(a) Teams will consist of a minimum of one SNCO and the following:

(b) Boiler Watches. Normal boiler watches will continue until TCCOR-1E is set. Each detachment will designate one boiler mechanic (or Marine if skills are available) to stand duty during TCCOR-1E. An additional crew of one leader and three boiler operators will be retained aboard Camp Foster until TCCOR-4/All Clear is set.

(c) Water/Sewage Plant Operations. The following staffing will be in effect from TCCOR-1C to TCCOR-4/All Clear. Camp Lester water plant: One lead foreman and two operators. Camp Schwab, Hansen, and Courtney sewage treatment plant: One lead foreman and one operator.

(d) Central Shops Emergency Crew. The central emergency crew will consist of one supervisor, six electrical linemen crews, one power system controller/dispatcher, three refrigeration/air conditioning mechanics, and one leader. These crews will be dispatched to their designated camps by the shop supervisor.

(e) Military Crews. Sufficient military personnel will be retained as designated by the Maintenance Operations Center (MOC).

(2) Emergency Vehicles. The MOC will designate emergency vehicles. Inform Base Motor Transport Branch of emergency vehicle assignments and arrange for heavy vehicles as required. The Motor Transport Office and Facilities Engineer will coordinate drivers.

(3) Equipment and Tools. General Support Unit (GSU) will make available one loader with backhoe and one mobile crane if needed. The electrical trades distribution shop will make available one line truck with boom and auger, one bucket truck, and safety equipment necessary for opening jacks and air switches under adverse weather conditions.

(4) Generators

(a) Owning units will deliver preplanned generators to designated building in accordance with reference (a).

(b) Tactical generators will be installed only by G-F, FMB personnel.

(c) Test run all generators; repair/replace those not operational.

(d) Ensure sufficient fuel is available.

(5) Check level of water storage tanks.

(6) Remove signs as necessary.

(7) Establish prepositioned sand piles at camp/station maintenance detachments as required.

5. TCCOR-1

a. Activate electric power system control center. Be prepared to open electric feeder to respective camps/stations on order. When opened, notify OOD/BEOC.

b. Install preplanned typhoon shutters as required.

c. Secure all central air conditioning units that are not required.

6. TCCOR-1C

a. Fully man the MOC.

b. Accomplish only emergency work on exterior utilities/facilities directly.

c. All non-essential personnel are to be released until TCCOR-4/All Clear is announced and normal work routine is resumed.

7. TCCOR-1E

a. Dispatch of all emergency crews after setting of this TCCOR will be only with the prior concurrences of the MOC.

b. The duty fire chief is delegated authority to respond to fire alarms. If such response is made, the MOC and CEOC will be notified immediately.

c. Inform the MOC /CEOC on the status of all damages and malfunctions as they are received and coordinate movement/ dispatch of teams with respective CEOCs.

d. MOC and detachments maintain a journal of all damage reports received.

e. Accomplish an absolute minimum if outside work necessary to protect life and prevent major damage, weather permitting.

f. Maintain records of personnel dispatched to emergency situation sites.

8. TCCOR-1R

a. Begin compiling damage reports.

b. Dispatch repair teams as required.

9. TCCOR-SW

- a. Verify and compare damage report with the TWO/SNCO IOT transition to TCCOR All Clear.
- b. Coordinate and communicate to G-3 a recommendation for MCIPAC-MCBB camps/stations to transition to TCCOR All Clear.
- c. Communicate the approval or situation that delays the transition to TCCOR All Clear to 18th Wing Facilities.
- d. Within 24 hours of the setting of TCCOR-SW, submit an initial written damage report to the AC/S G-3 via mcbbutler.ood@usmc.mil. It is understood that the 24-hour report may not be indicative of the complete damages associated with a given storm given the turnaround.

10. TCCOR All Clear

- a. Generators will be released to parent units. Facilities Maintenance will implement damage assessment action.
- b. Maintenance department sections and detachments will report results of damage assessment survey in accordance with chapter 2, paragraph 10.
- c. Within five business days of the setting of TCCOR-AC/4, submit final damage report to AC/S G-3 via mcbbutler.ood@usmc.mil.
- d. Expedite repair to damaged facilities.
- e. Remove typhoon shutters as required.

11. Emergency Electrical Power

a. Commercial Power. All installations will continue to be served by commercial power until forecasts dictate that circuits be opened to protect life or property. Opening of circuits will be with the prior approval of OOD/BEOC except where damage to a distribution system or safety dictates immediate action.

(1) Primary Circuit Isolation. The plan will be properly annotated with instructions necessary for emergency action in opening and closing of air switches. Current status on switches will be maintained (i.e., operative or inoperative).

(2) Emergency Generators. Emergency power will be planned for the facilities outlined in reference (a). No generator will be attached to any part of the electrical distribution or building system except as directed by maintenance-F, FMB personnel.

b. Priority. Priority will be given to medical facilities, communications centers, and refrigerated medical and food storage facilities.

c. Fuel. The following units will provide emergency portable generator refueling which will be funded by MCIPAC-MCBB. Users must use credit card for identification so the refueling operator can provide information for reimbursement. Camps Schwab, Hansen, Courtney, Foster, and MCAS Futenma fuel stations are opened in the event of emergency and if approved by the OOD/BEOC.

(1) Users must use fuel keys for identification so refueling operator can provide information for reimbursement.

(2) 4th Marines, S-4 – Camp Schwab.

(3) Energy Company, LSB – Camp Hansen.

(4) 9th ESB – Camp Courtney.

(5) Combat Logistics Battalion 3 - Camps Foster, Futenma, Kinser.

d. Generator/ Operators. Both tactical (portable) and commercial (installed) generators are designated in reference (a). Installed and standby generators will be tested upon the setting of TCCOR-2; portable generators (not designated for standby) will be delivered and tested. All building hook-ups will be accomplished by G-F, FMB personnel. The MOC will coordinate with the CEOC requesting billeting, tasking, and securing of operators.

Chapter 7

1st MAW Operational Plan1. General

a. This Chapter provides direction for the evacuation and Hangaring of aircraft and applies to the 1st MAW units on Okinawa.

b. 1st MAW units at MCAS Iwakuni will be guided by MCAS Iwakuni Order 3140.3R and local SOPs. Aircraft evacuations will be coordinated through 5th Air Force, Yokota Air Base.

c. 1st MAW units at MCB Hawaii will be guided by Marine Corps Base Hawaii Order 3302.1 and local SOPs.

2. Typhoon Control Officer (TCO)/ Destructive Weather Officer (DWO)

a. The 1st MAW, AC/S, G-3, is designated as the Typhoon Control Officer (TCO) for purposes of evacuating and Hangaring 1st MAW aircraft.

b. The 1st MAW, G-3 Aviation Transportation Coordination Officer (ATCO), is designated as the Destructive Weather Officer (DWO) and is the direct liaison to the TCO for purposes of evacuating and Hangaring 1st MAW aircraft.

c. The DWO will coordinate any plans for evacuation of 1st MAW aircraft with the 18th Wing Command Post. The DWO will pass changes in TCCOR conditions to subordinate commands via the communication net in paragraph 12. Additional Typhoon information and TCCOR conditions can be located at <http://www.shogunweather.com>

3. TCCOR-4a. TCO/DWO

(1) Maintain a roster of subordinate unit DWOs with phone numbers and e-mail addresses.

(2) Serve as liaison between 1st MAW units and 18th Wing Command Post and MCIPAC-MCBB for typhoon information and practice drills.

b. Group Commanding Officers. Designate an officer to serve as the Group DWO and update the 1st MAW DWO of personnel changes

c. MAG-36

(1) MAG-36 Aircraft Maintenance Officer will review the emergency hangaring plan with subordinate units and maintain liaison with Camp Kinser to identify warehouses available for emergency hangar space.

(2) MAG-36 Operations Officer will review and update subordinate unit evacuation plans when changes to squadron composition or physical location occur.

4. TCCOR-3

a. TCO/DWO

- (1) Ensure all 1st MAW units are notified of the change in readiness.
- (2) Establish communications with 1st MAW units per paragraph 12.
- (3) Receive evacuation/hangaring reports.

b. MACG-18 and subordinate squadrons

- (1) Establish and maintain communications with the DWO.
- (2) Ensure that duty officers and NCOs are briefed on TCCORs and the requirements of this Bulletin.

c. MAG-36 and subordinate squadrons

- (1) Establish and maintain communications with the DWO.
- (2) Restrict local flying and prepare to evacuate aircraft.
- (3) Prepare to hangar aircraft.
- (4) Report the following information to the 1st MAW DWO at 645-2166/3892 as soon as possible utilizing the worksheet located at 1st MAW Intranet>G-3>Aviation Transportation Coordination Office, Typhoon Info.

(a) Total number of aircraft, by model, expected to be aboard within the next 24 hours.

(b) Total number of aircraft, by model, expected to be flyable during the next 24 hours.

(c) Total number of aircraft, by model, to evacuate.

(d) Desired safe haven bases.

(e) Total number of personnel, together with weight and cube of support equipment, who are required to be airlifted to safe haven bases in support of evacuated personnel.

(f) Total number of aircraft, by model, to be hangered.

(g) Name of the Group Coordinating Officer. This Officer will depart in the first available flight to coordinate parking of aircraft, billeting, and messing. This officer will report to the safe haven base's designated liaison officer, (normally the senior Marine aviator at the safe haven base) when all flights are aboard.

(5) Ensure that duty officers and NCOs are briefed on TCCORs and the requirements of this Bulletin.

(6) Pre-file safe haven flight plans with the operations sections of MCAS Futenma and MCAS Iwakuni, as required.

(7) Evacuated aircraft shall be manned by at least that crew complement which is required for over water navigation flight.

(8) Ensure hangars are clear of unnecessary equipment so that maximum space will be available for storage of aircraft. Be prepared to hangar aircraft from other units.

(9) An adequate supply of evacuation kits containing emergency charts, publications, etc., shall be maintained by each organization for emergency issue.

(10) Provide MCAS Futenma Operations Officer with the Group hangaring plan. For aircraft to be hangared at Camp Kinser, the following applies:

(a) Request must be made as early as possible so that the landing zone and warehouses can be prepared.

(b) Aircraft will use LZ Kinser (Northwest of Bldg 326).

(c) Coordinate to ensure that the MCAS Futenma Operations Officer provides a MB-1 at the landing zone during flight operations.

(d) Personnel and equipment required for moving and securing aircraft will be provided by MAG-36.

5. TCCOR-2

a. All aircraft that cannot be hangared will normally be evacuated during or prior to TCCOR-2. Weather conditions may require earlier evacuations, but all aircraft must be evacuated prior to TCCOR-1.

b. TCO/DWO

(1) Ensure all 1st MAW units are notified of the change in readiness.

(2) Maintain a list of aircraft sheltered by type, updated by reports from the DWO.

(3) Maintain a list of safe haven aircraft by type, updated by reports from the DWO.

(4) Establish and maintain liaison with evacuated units.

(5) Arrange for aircraft to transport squadron support personnel and equipment to safe haven bases.

(6) During aircraft evacuation, report the following to the CG 1st MAW:

(a) Commencement and completion of evacuation.

(b) Arrival time at safe haven bases.

(7) Maintain contact with the MOC and MCIPAC-MCBB CEOC to accomplish essential coordination.

(8) Direct evacuation, as appropriate.

(9) Upon completion of aircraft evacuation and hangaring, report aircraft status and safe haven location to CG 1st MAW and COMMARFORPAC G-3/AIR, via e-mail or message.

c. MAG-36 and Subordinate Squadrons

(1) Cease all flight operations except those designated by higher headquarters.

(2) Hangar aircraft as required. If a conflict arises in sheltering facilities (Futenma, Kinser, or Kadena), coordination will be made through the G-3, 1st MAW. Hangaring must be completed during TCCOR-2.

(3) Evacuate aircraft, if required.

(a) The 18th Wing Command Post (634-1800, fax 634-1791) will serve as the focal point for all actions required to protect, evacuate, and recover aircraft within the Okinawa prefecture. They will coordinate the evacuation of aircraft and assign takeoff block times for all aircraft or flights of aircraft departing Okinawa, regardless of base origin or unit. The DWO will coordinate these assignments for all 1st MAW aircraft located on Okinawa. Iwakuni based squadrons will coordinate aircraft evacuation with 5th Air Force, Yokota Air Base utilizing procedures contained in current regulations. A maximum number of aircraft will be evacuated. In planning a typhoon defense evacuation, these instructions will be followed as closely as possible.

(b) Normally, multi-engine aircraft and those aircraft which are required for scheduled high priority missions will be evacuated.

(c) Evacuations will be executed via coordination with the cognizant Air Station Operations Officer.

(d) Night time evacuations will be avoided if possible.

(e) Once aircraft evacuation is directed, flight leaders will conform to approved routes and safe haven bases in so far as possible.

(f) Notify the DWO by the most rapid means available in the event that conditions warrant deviation from published routes/safe haven bases.

(g) If emergencies necessitate landing at other designated safe haven bases, the senior Marine aviator will ensure liaison responsibilities at that base.

(h) The senior Marine aviator at each safe haven base will serve as the liaison officer and coordinate the activation of all 1st MAW aircraft and crews. They will, upon arrival, establish contact with the DWO. They will also be responsible for all routine communications with their unit. Each liaison officer will be on the first flight to each safe haven base. Any subsequent movement of those aircraft must be coordinated with the TCO.

(4) Report to the DWO when all requirements for TCCOR-2 are met.

(5) Post command duty officer or OOD.

d. MACG-18 and Subordinate Squadrons

- (1) Ensure all personnel are out of field.
- (2) Report to the DWO when all requirements for TCCOR-2 are met.
- (3) Post command duty officer or OOD.

6. TCCOR-1. All commands will be prepared to execute DC measures in readiness for TCCOR-1C. All nonessential activities shall be discontinued as directed.

a. TCO/DWO

- (1) Ensure all 1st MAW units are notified of the change in readiness.
- (2) Coordinate with the Wing OOD to turnover reporting requirements upon change to TCOOR-1C.
- (3) In the event the typhoon is forecast to become a Super Typhoon, coordinate with the G-6 to provide a tertiary communications net to key personnel.

b. Wing Duty Officer (WDO). The WDO should be prepared to assume the duties of DWO upon reaching TCCOR-1C.

c. G-6. In the event the typhoon is forecast to become a super typhoon, coordinate with the DWO to provide a tertiary communications net to key personnel.

7. TCCOR-1C. Maintain duty watches during TCCOR-1 (caution and emergency) if operational requirements so dictate. WDO will relay changes in TCCOR-1C to the Group Duty Officers and any pertinent information to key personnel. In the event of a forecasted Super Typhoon, the DWO will ensure that the WDO and key personnel are provided a tertiary communications net.

8. TCCOR-1E. All instructions contained in paragraph 8 of Chapter 2 apply. All personnel will wear helmets and flak jackets when outdoors.

9. TCCOR-1R. All instructions contained in paragraph 9 of Chapter 2 apply.

10. TCCOR-SW. There is still a possibility of danger to personnel. In general, normal activities can be resumed; however, winds may still remain strong and the situation should be monitored closely. Personnel will return to work during normal duty hours unless instructed otherwise by their chain of command.

11. TCCOR All Clear

a. TCO/DWO. Receive damage reports from the groups and forward any reports to III MEF and CG 1st MAW.

b. Groups/Squadrons

- (1) Executive Officers attend post-typhoon meeting.
- (2) Provide working parties and equipment support as determined during post-typhoon meeting.

(3) Coordinate cleanup of subordinate until areas per overall station priorities.

(4) Coordinate with MCAS Futenma Operations Officer for recovery of evacuated aircraft and removal of aircraft from hangars.

12. Communications

a. The 1st MAW Command and Control Net is the primary net used during typhoons. This net consists of NIPR, telephones, cellular phones, and Motorola hand-held radios already routinely used on a daily basis. Groups will establish and maintain communications with the DWO/WDO and their respective CEOC.

b. In the event that a Super Typhoon is forecasted, the DWO and G-6 will coordinate to provide a tertiary communications net to key personnel.

TROPICAL CYCLONE CONDITION OF READINESS (TCCOR) ACTION SETS

<p>TCCOR 4 – (Effective 01 June – 30 November or as set by the 18th Wing Commander) Destructive winds are possible within 72 hours.</p>
<p>TCCOR 3 – Destructive winds are possible within 48 hours.</p> <ul style="list-style-type: none"> - Initiate General Clean-up / Secure Loose gear - Identify Potential Training / Operational Impacts - Prepare to secure personnel / equipment from field training - Designated units prepare to provide personnel / equipment / communications support to camps per Typhoon Bulletin - MAW: Determine aircraft hangar and evacuation requirements - MCIPAC-MCBBG-1, G-4, G-6, G-F, MCCS, PMO, FES designate POC for Action Set reporting to BEOC
<p>TCCOR 2 - Destructive winds are anticipated within 24 hours.</p> <ul style="list-style-type: none"> - MAW: Evacuate applicable aircraft (complete NLT TCCOR 1); hangar all other Wing aircraft - Base/Station: OSA flight ops complete/ aircraft hangered - Ground units: Secure Field Training; prepare tactical vehicles for storm conditions - Camps muster and brief damage control teams, stage designated damage control vehicles and equipment - All Damage Control Teams / Equipment in place at designated locations (MREs/water bulls and equipment/personnel support) - Base Emergency Operations Center (BEOC) Radio Net operational, secure until TCCOR 1 - G-F, FMB activates the MOC - MCB Typhoon Watch Team has full connectivity with III MEF Ops Center
<p>TCCOR 1 - Destructive winds are anticipated within 12 hours.</p> <ul style="list-style-type: none"> - Applicable TWT Chats activated and monitored continuously - Camps / Station EOCs Activated NLT TCCOR 1 / Conduct Communication Checks with BEOC/TWT - LMR checks conducted at TCCOR 1, then at 0600, 1200, 1800, 0000 until storm passage, and as required - All non-essential activities discontinued - Supervisors may begin releasing non-essential personnel within mission sustainment requirements - No school for DoDEA students if TCCOR-1 is declared before 0500 - Accountability due to III MEF Battle Center within 2 hours of setting of TCCOR 1
<p>TCCOR 1 CAUTION - Winds of 35 - 49 knots are occurring. Destructive winds are anticipated.</p> <ul style="list-style-type: none"> - Typhoon Watch Teams Fully Manned - All nonessential personnel released to quarters and remain indoors. - All outdoor activities except those in direct support of urgent military missions will be discontinued. - DoDEA schools close - Staff and teachers return or remain home - Base exchange, shops, Commissary, Shoppette, Gas Station, Services Facilities, Clubs, Restaurants, Recreational Facilities and Post Office will close - Mess Halls will close - MOC (Maintenance Operations Center) fully stood up - Perform emergency work on exterior utilities/facilities as required - Communications Nets Activated, LMR checks continue as scheduled - One gate per camp manned with two Marines each - Curtail government motor vehicle operations
<p>TCCOR 1 EMERGENCY - Actual winds 50 knots or greater are occurring.</p> <ul style="list-style-type: none"> - All normal personnel movement and work activities discontinued – only essential military and civil operations and emergency functions - Camp Foster USNHO Gate 7 will remain manned and physically open for emergency traffic
<p>TCCOR 1 RECOVERY – Destructive winds of 50 knots are no longer occurring. Actual winds may be up to 35-49 knots.</p> <ul style="list-style-type: none"> - Damage and Safety Assessments, OPREP-3 completed as required - Accountability due to III MEF Battle Center within 2 hours of setting of TCCOR 1R
<p>TCCOR STORM WATCH – The winds are not forecast to exceed 50 knots sustained (the criteria for destructive winds) but there still exists a possibility of high winds due to the proximity of the storm. High winds may include gusts exceeding 50 knots and/or sustained winds.</p>
<p>TCCOR ALL CLEAR – Storm is over and is not forecast to return. Return to normal duties.</p>

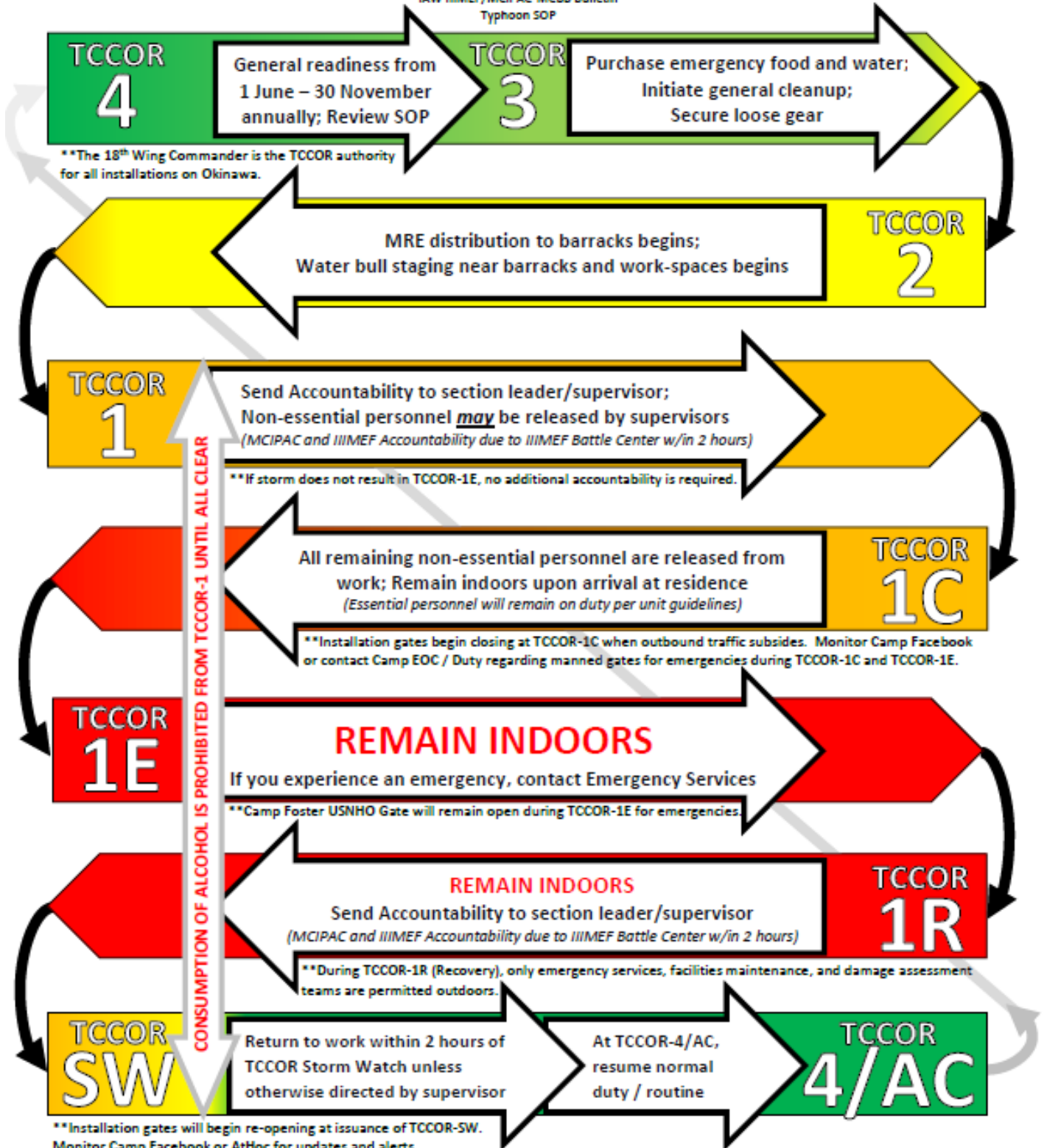


TYPHOON CONDITIONS



QUICK REFERENCE FLOW CHART

IAW III MEF/MCIPAC-MCBB Bulletin
Typhoon SOP



EXAMPLE OKINAWA TROPICAL CYCLONE STORYBOARD

CONTROLLED UNCLASSIFIED INFORMATION



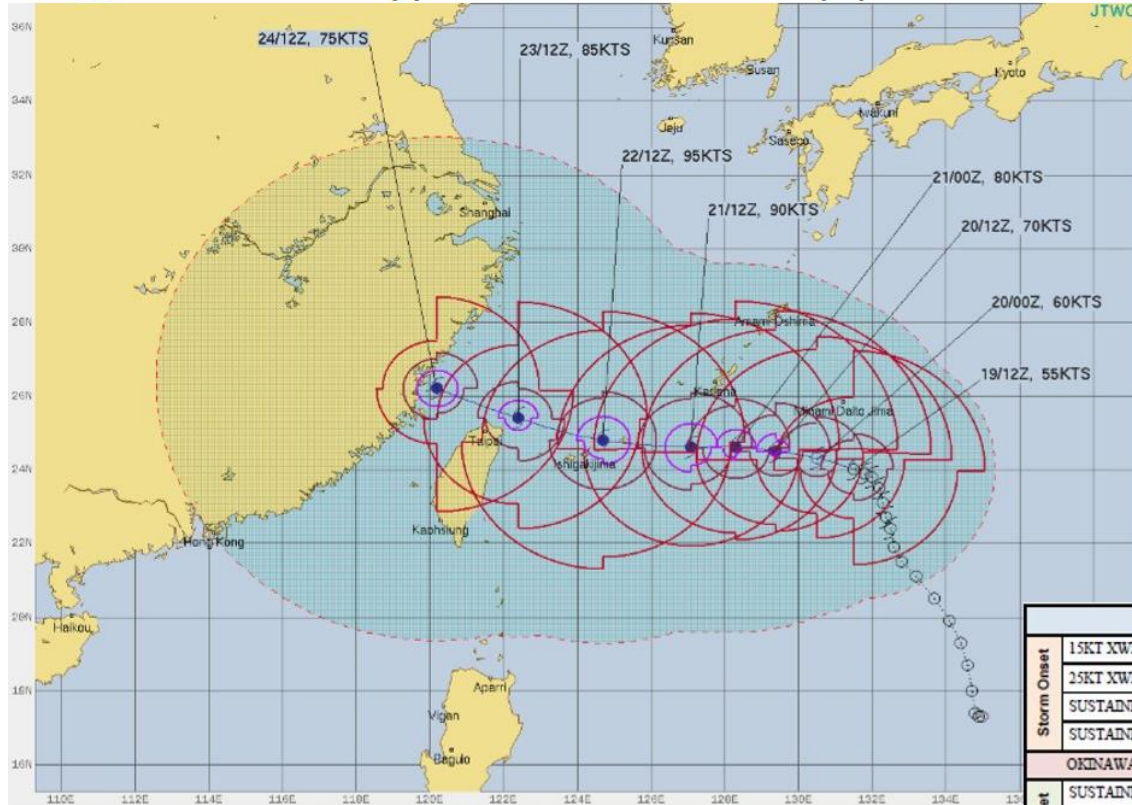
Tropical Cyclone Storyboard

Storm Type **STORM NAME (#)**

CAO XX/XXXXI
CAO XX/XXXXZ

TCCOR
Destructive winds anticipated
within 12 hrs

1



TROPICAL STORM 02W (IN-FA) WARNING #14
WPN03L PRTW 191509
191200Z POSIT: NEAR 24.0N 131.5E
HEAVING 209 DEGREES TRUE AT 60 KNOTS
MAXIMUM SIGNIFICANT WAVE HEIGHT: 24 FEET
19/12Z, WINDS 065 KTS, GUSTS TO 870 KTS
20/00Z, WINDS 060 KTS, GUSTS TO 075 KTS
20/12Z, WINDS 070 KTS, GUSTS TO 085 KTS
21/00Z, WINDS 060 KTS, GUSTS TO 100 KTS
21/12Z, WINDS 060 KTS, GUSTS TO 110 KTS
22/12Z, WINDS 065 KTS, GUSTS TO 115 KTS
23/12Z, WINDS 065 KTS, GUSTS TO 105 KTS
24/12Z, WINDS 075 KTS, GUSTS TO 090 KTS

CPA TO:	NN	DTG
OKINAWA TO JIMA	29	07/19/17Z
MIYAKEDA TO JIMA	97	07/19/22Z
KADENA AB	186	07/23/05Z
TAIPEI	34	07/23/19Z
KAOSHUNG	197	07/23/21Z
SHANGHAI	306	07/24/12Z

BEARING AND DISTANCE	DIR	DIST	TAU
	(NN)	(HRS)	
KADENA AB	125	247	0
OKINAWA TO JIMA	151	94	0
MIYAKEDA TO JIMA	171	109	0

- LESS THAN 34 KNOTS
- 34-63 KNOTS
- MORE THAN 63 KNOTS
- FORECAST CYCLONE TRACK
- PAST CYCLONE TRACK
- DENOTES 34 KNOT WIND DANGER AREA/USN SHIP AVOIDANCE AREA
- FORECAST 34/50/64 KNOT WIND RADII (WINDS VALID OVER OPEN OCEAN ONLY)

Storm Onset	Storm Offset	Event	Time	Time
		15KT XWIND (KADENA)	20/0700L	19/2200Z
		25KT XWIND (KADENA)	20/1800L	20/0900Z
		SUSTAINED WINDS ≥ 35KT	20/1500L	20/0600Z
		SUSTAINED WINDS ≥ 50KT	21/0400L	20/1900Z
		OKINAWA MAX: 50G65KT	21/1400L	21/0500Z
		SUSTAINED WINDS < 50KT	21/1600L	21/0700Z
		SUSTAINED WINDS < 35KT	22/0600L	21/2100Z
		<25KT XWIND (KADENA)	23/0900L	23/0000Z
		<15KT XWIND (KADENA)	24/1500L	24/0600Z

Location	CPA	RWY Wet	Max Winds	Precip Start	Max Precip
Kadena AB	114 @ 21/0800L	20/0000L-23/0000L	45G60KT	20/0000L	6-8 INCHES

KEY ACTION SETS

- Previous (TC-2)
- ✓ 1MAW: Evacuate / hangar aircraft as required / applicable
 - ✓ OSA flight ops complete/ aircraft hangered
 - ✓ Secure ground training / prepare vehicles
 - ✓ All Typhoon Bulletin support staged
- Current (TC-1)
- Accountability due to MBC w/in 2 hours
 - Applicable TWT Chats activated /monitored
 - Camp / Station EOCs activated
 - LMR comm checks per schedule
 - Non-essential activities curtailed
 - Supervisors/commanders may begin releasing non-essential personnel
 - DoDEA schools will not open if TC-1 declared prior to 0500
 - The Green Line will close within 4 hours
 - Consumption/purchase of alcohol prohibited until storm passage
- Upcoming (TC-1C)
- *May change based on next declared TCCOR
- All nonessential personnel released to quarters, remain indoors
 - DoDEA schools will close, if not already
 - Exchange, Commissary, etc. will close
 - Mess Halls will close
 - One gate per camp manned
 - Government motor vehicle operations curtailed

Storyboard created using:
-JTWC Warning Graphic (main background) and 18th Wing Tables (Okinawa Storm Effects Timeline, Location/CPA Table) from 18th Wing Weather Update

LMR GUARD CHART – MCIPAC-MCBB BEOC

LEGEND	ZONE A				ZONE B						ZONE C			
	<u>Communications internal to a Camp/Station</u> *Further breakdowns may be utilized within Camps per local Comm Plan, ICS 205, or Annex K				<u>Primary/ Alternate Communications between MCIPAC-BEOC and Camps/Stations</u> *Zone B UC is the primary Zone B for within Camp Incidents requiring Unified Command (UC)						<u>Communications between BEOC and Joint Partners</u> *May also be used by IC during Joint incident response			
	PRIMARY		ALTERNATE		PRIMARY		ALTERNATE		ZONE B UC*		PRIMARY		ALTERNATE	
MCIPAC-MCBBBEOC	C	BEOC1	W	BEOC2	C	MCIPAC3	CW	MCIPAC2	C	MCIPAC1	AM	APAC1	WM	APAC2
Schwab CEOC	C	SCHWB1	W	SCHWB2	M	MCIPAC3	W	MCIPAC2	A	MCIPAC12				
Hansen CEOC	C	HAN1	W	HAN2	M	MCIPAC3	W	MCIPAC2	A	MCIPAC5				
Courtney CEOC	C	CRTY1	W	CRTY2	M	MCIPAC3	W	MCIPAC2	A	MCIPAC8				
Foster CEOC	C	FOS1	W	FOS2	M	MCIPAC3	W	MCIPAC2	A	MCIPAC6				
Lester CEOC	M	FOS1	W	FOS2	M	MCIPAC3	W	MCIPAC2	A	MCIPAC7				
Kinser CEOC	C	KIN1	W	KIN2	M	MCIPAC3	W	MCIPAC2	A	MCIPAC4				
Dispatch	M	FIRE1CMD PMO2 EOD1	M	MCBFIRE2 PMO3 EOD2	M	MCIPAC3	W	MCIPAC2						
FES	C	FIRE1CMD	W	MCBFIRE2	A	MCIPAC3	W	MCIPAC2	A	PER CAMP	A		W	
PMO	C	PMO2	W	PMO3	A	MCIPAC3	W	MCIPAC2	A	PER CAMP	A		W	
EOD	C	EOD1	W	EOD2	A	MCIPAC3	W	MCIPAC2	A	PER CAMP	A		W	
MCAS Futenma	C	FUT1	W	FUT2	A	MCIPAC3	W	MCIPAC2	A	MCIPAC9				
Ie Shima	C	IE1	W	IE2	A	MCIPAC3	W	MCIPAC2	A	MCIPAC10				
JWTC	C	JWTC1	W	JWTC2	A	MCIPAC3	W	MCIPAC2	A	MCIPAC11				
Range	C	RC1	W	RC2	A	MCIPAC3	W	MCIPAC2	A	PER CAMP				

-Primary and Alternate Channels are identified. Alternate/Tertiary/Emergency Channels should always be “When Directed” as situation dictates

EMERGENCY OPERATIONS CENTERS AND WATCH OFFICERS/STANDERS

<u>LOCATION</u>	<u>NUMBER</u>	<u>E-MAIL</u>
OKINAWA		
III MEF BATTLE CENTER	622-7706/7571	IIIMBC@USMC.MIL
1MAW	645-2564/080-2737-9024	1MAW_G3_COPS@USMC.MIL
18th WING WO	634-1800/1841	18WG.NA.1 @US.AF.MIL
MCIPAC-MCBBOOD/TWT	645-7218/2644/0282	MCBBUTLER.OOD.FCT@USMC.MIL
CAMP GONSALVES/JWTC	622-2205/2238/2807	MCBBUTLER.CEOC.GONSALVES.WO@USMC.MIL
CAMP SCHWAB	625-1221/1222/7015	MCBBUTLER.CEOC.SCHWAB.WO@USMC.MIL
CAMP HANSEN	623-8726	IIIMIGCOMMANDDUTYOFFICER@USMC.MIL
CAMP COURTNEY CAMP OPS	622-9609	MCBBUTLER.CEOC.COURTNEY.WO@USMC.MIL
CAMP FOSTER CDO	645-7315	MCBBUTLER.CEOC.FOSTER.WO@USMC.MIL
CAMP KINSER	637-2311/3036	MCBBUTLER.CEOC.KINSER.WO@USMC.MIL
MCAS FUTENMA	636-3165/3100	MCAS.FUTENMA.WO@USMC.MIL MCAS.FUTENMA.WCHIEF.FCT@USMC.MIL
IE SHIMA	622-2600	IE.SHIMA.WO@USMC.MIL /GARRETT.STANLEY@USMC.MIL
PMO DWO CAMP FOSTER	645-2969/2284/2448	MCIPAC_MCBB_PMO_TYPHOON_DWO@USMC.MIL
MAINTENANCE OPS CENTER	645-7294	MCBBUTLER_G-F_TYPHOON_WATCH@USMC.MIL
USNH OKINAWA	646-7311	USN.BUTLER.NAVHOSPOKINAWAJA.MESG.NHOKI-PAO@MAIL.MIL
CFAO	634-8232/8233 090-9789-9631 634-9310/9338	M-OK-CFAOEOCIMT@OCONUS.NAVY.MIL CFAO-CDO@FE.NAVY.MIL
10 TH SUPPORT GROUP, TORII	652-4708/5610	USARMY.TORII.USAG.LIST.PMO-MP-DESK@MAIL.MIL USARMY.TORII.USARPAC.MBX.OKINAWA-PAO@MAIL.MIL
OFF ISLAND		
CATC FUJI	224-8632/8475	CATC.FUJI.CEOC.WO@USMC.MIL
MCAS IWAKUNI	253-5503	MCAS.IWAKUNI.WO@USMC.MIL
CAMP MUJUK	767-4817	CAMPMUJUK.WO@USMC.MIL
MCB HAWAII	457-8857	MCBH.COMMAND.WATCH.OFFICE.FCT@USMC.MIL
USFJ COMMAND CENTER	223-6065/6066	INDOPACOM.YOKOTA.USFJ.MBX.COMMAND-CENTER@MAIL.MIL
MARFORPAC	477-0077	MARFORPAC.COC.WO@USMC.MIL
MCICOM	99-009-1-910-391-4419	MCICOM_WATCH_OFFICER@USMC.MIL
HQMC	99-009-1-703-695-5454	HQMC.MCC2@USM.MIL

POST TROPICAL CYCLONE REPORT TO USFJ

Post Tropical Cyclone Report

Installation Name: _____ Date of Report: _____

Date/Time Entered: _____ TCCOR SW _____

TCCOR 5 _____ TCCOR 4 _____

TCCOR 3 _____ TCCOR 2 _____

TCCOR 1 _____ TCCOR 1 Caution _____

TCCOR 1 Emergency _____ TCCOR 1 Recovery _____

TCCOR All Clear _____

Evacuations: # Aircraft _____ # Ships _____ # Personnel _____

*Highest Wind Speed Recorded _____ (kt) Date/Time _____

*Date/Time Cross Wind > 15 kt Began _____ Ended _____

*Date/Time Cross Wind > 25 kt Began _____ Ended _____

*Date/Time Wind Speed > 35 kt Began _____ Ended _____

*Date/Time Wind Speed > 50 kt Began _____ Ended _____

Estimated Amount / Type of Damage (\$, trees downed, buildings damaged etc.):

Miscellaneous Remarks _____

* Note: Installations that do not possess certified wind measuring equipment are exempt from reporting wind data.

Send report to the III MEF Battle Center at IIIMBC@USMC.MIL (DSN 315-622-7706/7571).

Validation Conference Confirmation Template

3000
XXX
X XXX XX

From: Camp Operations, Camp XX
To: Assistant Chief of Staff, G-4
Via: Camp Director/Commander, Camp XX

Subj: DESTRUCTIVE WEATHER EQUIPMENT AND PERSONNEL SUPPORT REVIEW AND CONFIRMATION OF VALIDATION CONFERENCE ICO CAMP XXX

Ref: (a) III MEF/MCIPAC-MCBB Bulletin 3006 dtd Jun 21

Encl: (1) Validated Camp Enclosure (X) for III MEF MICPAC-MCBB Bulletin 3006

1. Camp/Installation XXX conducted a validation conference for III MEF/MCIPAC-MCBB Bulletin 3006 Equipment and Personnel Support Requirements during Typhoons and other Disasters on XX Apr 2022. Camp and tenant units invited were as followed:

- a. Camp Operations (attended/did not attend)
- b. Installation Protection (attended/did not attend)
- c. Tenant (attended/did not attend)
- c. Tenant (attended/did not attend)

Include applicable invitees and annotate attendance of: Camp / Installation Operations Staff, Camp Installation Protection Officer, MCIPAC-MCBBG-3 COPS, MCIPAC-MCBBG-3 EM, MCIPAC-MCBBG-4, III MEF G-4, and specific tenant unit

2. Camp/Station XXX has confirmed the requirements identified in enclosure (1).

This should be the same enclosure routed to the MCIPAC-MCBBG-4 for inclusion in proposed Draft MCBBBUL

3. Validation conference participants, to include the tenant organizations, have provided initial concurrence regarding the availability of the resources identified in enclosure (1) and the ability of the tasked organization to support.

4. Enclosure (1) is submitted to the MCIPAC-MCBB G-4 for final staffing with III MEF and consolidation into the 2022 iteration of reference (a).

5. Point of contact in this matter is XXXXX, Billet, at e-mail: xxxx@usmc.mil, or DSN (315)6XX-XXXX.

X. X. XXXX

XXX
X XXX XX

FIRST ENDORSEMENT

From: Camp Director/Commander, Camp XX
To: Assistant Chief of Staff, G-4

3. Forwarded. Confirming Camp/Station requirements identified in enclosure (1) and completion of validation conference with tenant organizations.

X. X. XXXX

MCOP BUSINESS RULES

Installation

- Installations will be responsible for inputting/opening over-arching incidents.
- MCIPAC-MCBB will be the authority for inputting Typhoons as incidents for MCBB and subordinate Camps.
- MCAS Futenma will be the authority for inputting Typhoons as incidents for MCASF response.
- Additional typhoon associated incidents impacting multiple Camps shall be entered by MCIPAC-MCBB

Camps

- Camps shall not create incidents with island-wide impacts
- Camps will create Camp-related incidents on the MCIPAC-MCBB Map
- At the conclusion of an exercise or an event, Camps return status trackers and pages to ‘normal operations.’

Interface

- Event Log:
 - o Event log entries shall be associated with the parent incident (i.e. Typhoon) as opposed to associated incident (i.e. building evacuation due to flooding caused during typhoon)
- Significant Acts/Events
 - o For the purposes of Typhoons Sig Acts/Events are considered reportable incidents such as CCIR, FFIRs, etc.
- At the conclusion of a major incident or exercise, Event Logs/SigEvent logs will be exported and filed per incident. Logs will remain on the site until next regular mass purge.
- Each year on 1 December and 1 June, all logs will be exported in whole, filed chronologically, and site logs wiped. Each installation is responsible for exporting, filing, and resetting their logs.
- Time Template: TTTT JST DD MMM YY

Definitions

- Installation and Camp Status/Condition codes:
 - o **Mission Capable**: Service can be accomplished to pre-incident established standards and conditions. **Example**: All regularly manned gates are currently manned, operational, and open for traffic.
 - o **Partially Mission Capable**: Service is degraded. Not all services can be accomplished to pre-incident established standards and conditions. The specific standards and conditions that cannot be met will be clearly addressed in the “Comments” section. **Example**: Mess Hall is able to provide to-go meals only, but is unable to accommodate in-person dining reducing the variety of options expected.
 - o **Non-Mission Capable**: Service cannot be accomplished to prescribed standards and conditions at this time. **Example**: Mess Hall cannot provide any food service due to power outage and subsequent generator outage.
 - o **Administratively Closed**: Service is administratively directed to cease operations or services. Administrative Closure shall not be used to report impacts to mission readiness. **Examples**: Postal Services, CDCs, and Commissary are directed to close due to current TCCOR, HPCON, or FPCON requirements.
 - o **Not Activated / Not Applicable**: Service does not exist on the Camp or Installation, or Service has not been activated. **Examples**: MCBB does not have an Air Field so AF is Not Applicable to MCBB. An EOC is not activated during day-to-day operations.

Destructive Weather Gate Schedule

1. During TCCOR-IC, the following camp and station gates will be open and manned. All other gates will be closed and secured/unmanned. Gate closures may be changed based on traffic patterns and emergency requirements.

a. Camp Schwab:

(1) Gate 1 (Main Gate)

b. Camp Hansen:

(1) Gate 1 (Main Gate); Pass and ID Office will Close.

c. Camp Courtney:

(1) Gate 1 (Main Gate)

d. Camp McTureous:

(1) Gate 1 (Main Gate)

e. Camp Foster (Pass and ID Office will Close):

(1) Gate 3 (Firehouse Gate)

(2) Gate 6A (Ft Buckner Gate)

(3) Gate 7 (Hospital Gate)

(4) Lester Gate 1 (Main Gate)

(5) Gate 10 (North Towers Gate)

f. MCAS Futenma:

(1) Gate 1 (Main Gate)

g. Camp Kinser:

(1) Gate 2 (Main Gate)

2. During TCCOR-IE, the following essential camp and station gates will remain manned (closed and manned; authorized traffic will be for emergency traffic only and authorized by the CG, MCIPAC-MCBB/CO, MCASF, or their designated representatives). All other gates will be closed and secured/unmanned.

a. Camp Schwab:

(1) Gate 1 (Main Gate)

b. Camp Hansen:

(1) Gate 1 (Main Gate); Pass and ID Office will Close.

c. Camp Courtney:

(1) Gate 1 (Main Gate)

d. Camp McTureous:

(1) Gate 1 (Main Gate)

e. Camp Foster (Pass and ID Office will Close):

(1) Gate 3 (Firehouse Gate)

(2) Gate 6A (Ft Buckner Gate)

(3) Gate 7 (Hospital Gate)

(4) Lester Gate 1 (Main Gate)

(5) Gate 10 (North Towers Gate)

f. MCAS Futenma:

(1) Gate 1 (Main Gate)

g. Camp Kinser:

(1) Gate 2 (Main Gate)