

DRAFT

Commander
MSU Port Arthur
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Port Arthur, TX 77642

TAB B TO APPENDIX 21 TO ANNEX C TO MSU PORT ARTHUR OPLAN 9783-06 HURRICANE CONDITIONS AND SPECIFIC TASKING

1. Situation. Specify required/recommended actions to be accomplished by MSUPA and subordinate unit before a tropical storm/hurricane actually makes landfall.
2. General. The hurricane season is 1 June through 30 November. This tab prescribes minimum action that must be taken when hurricane conditions are set. Commander, MSU Port Arthur has the authority to take additional measures, as warranted.
 - a. Risk. The low flat terrain of Southeast Texas and Southwest Louisiana coastal areas is vulnerable to hurricane winds, high tides, flooding, and heavy rains that accompany tropical storms. The threat to lives and property, both civilian and government, is very real. The hurricane tidal front may extend 50 - 75 miles on both sides of the eye. The storm may curve or re-curve at any point and is potentially dangerous until it has passed 100 miles beyond. The possible existence of tornadoes within the hurricane force wind zone of the storm greatly increases the danger of "riding out" the storm in unsafe structures. Personnel must remain sheltered during its passage. This tab outlines specific task assignments for MSUPA and MSU Lake Charles.
3. Planning.
 - a. The Planning Division shall prepare and keep up-to-date a unit hurricane instruction. Subordinate unit plans must be tailored to the individual area and facility and also support the parent IC plan. The effectiveness of the plan is dependent upon the initiative and foresight of the unit Commanding Officer. They have the detailed knowledge of the area and shall ensure necessary arrangements and protective measures are included. All local Coast Guard units shall establish liaison with local emergency service personnel.
 - b. MSUPA will liaison with and integrate into the ICS structure at the state and local level.
 - c. For low coastal areas the greatest damage from a hurricane will probably come from tidal surge rather than the high winds.
4. Hurricane Conditions. Normally the Eighth District Chief of Operations will set hurricane conditions for the district or parts of the district. However, Commander, MSU Port Arthur is authorized and expected to set hurricane conditions at any time when conditions warrant and shall notify Sector Houston-Galveston when done. Be aware that hurricane conditions may be declared at the discretion of the District Commander regardless of actual or forecast storm conditions or time of landfall.

a. Definitions of Hurricane Conditions of Readiness.

- (1) CONDITION FIVE - A seasonal condition automatically set by all units on 1 June each year and extending through 30 November.
- (2) CONDITION FOUR (WHISKEY) - The readiness condition set when gale force winds are probable to reach landfall within seventy-two (72) hours or when deemed necessary to increase the overall readiness of the unit.
- (3) CONDITION THREE (X-RAY) - The readiness condition set when gale force winds are probable within forty-eight (48) hours or when deemed necessary to increase the overall readiness of the unit.
- (4) CONDITION TWO (YANKEE) - The warning condition. Set when gale force winds are probable within twenty-four (24) hours or when deemed necessary to increase the overall readiness of the unit.
- (5) CONDITION ONE (ZULU) - The danger condition. Set when gale force winds are probable within twelve (12) hours or when deemed necessary to increase the overall readiness of the unit.
- (6) POST HURRICANE RECOVERY (YANKEE) - The storm is no longer a threat to the area; however, major damage has occurred and recovery ops are required.

b. Disaster Potential Scale for Atlantic Hurricanes. For planning purposes, as described by the National Hurricane Tracking Center in Coral Gables, Fl., category definitions are:

- (1) CATEGORY I: Sustained winds of 74-95 MPH can produce a storm surge 4-5 feet above normal with low-lying coastal roads inundated, minor pier damage, some small craft in exposed anchorage break moorings, no real damage to building structures and some damage to poorly constructed signs.
- (2) CATEGORY II: Sustained winds of 96-110 MPH can produce a storm surge 6-8 feet above normal with coastal roads and low-lying escape routes inland cut by rising waters 2-4 hours before arrival of the center, considerable pier damage, marinas flooded, some trees blown down, major structural damage to exposed mobile homes, some damage to roofing material, windows and doors, but no major damage to building structures.
- (3) CATEGORY III: Sustained winds of 111-130 MPH can produce a storm surge 9-12 feet above normal, serious flooding along the coast, with many smaller structures near the coast destroyed, larger structures damaged by battering of floating debris, low-lying escape routes inland cut by rising water 3-5 hours before the center arrives, some structural damage to small residences and utility buildings and mobile homes destroyed.

(4) CATEGORY IV: Sustained winds of 131-150 MPH can produce a storm surge 13-18 feet above normal with major damage to lower floors of structures due to flooding and battering action, low-lying escape routes inland cut by rising water 3-5 hours before the center arrives, extensive roofing material damage, extensive window and door damage and complete failure of roof structures on many small residences.

(5) CATEGORY V: Sustained winds of greater than 150 MPH can produce a storm surge greater than 18 feet above normal, shrubs and trees down, considerable roofing damage, all signs down, very severe and extensive window and door damage, complete failure of roof structures on many residences and industrial buildings, extensive glass failures, some complete building failures, small buildings overturned and blown over or away and complete destruction of mobile homes.

5. Specific Assignments. The following specific tasks must be accomplished for the various hurricane conditions (HURCON).

a. Hurricane Condition Five (Seasonal Alert). MSUPA reviews hurricane plans and check preliminary preparations. When a storm is within 96 hours of landfall, maintain plot of storm track and keep abreast of the latest National Weather Service advisories, alert all hands to condition and review plans for quartering and safety of dependents. Consider reduction in liberty and leave and plan for recall of essential personnel to meet the requirements of Conditions Four, Three, Two and One.

b. Hurricane Condition Four (Gale force winds within 72hours of landfall). MSUPA ensures that actions required for Condition Five have been completed. Review personnel liberty schedule and take necessary steps for positive recall of essential personnel for physical safety of the unit and to meet the requirements of Conditions Three, Two, and One. Make preparations to evacuate non-essential personnel and dependents, make evacuation recommendations to Sector Houston-Galveston for the District Commander to review and approve. To this end, when Commander, MSUPA grants liberty when hurricane conditions are set, all department heads shall have a positive means by which to contact personnel on liberty. Advise operational commanders of attaining Condition Four. Make preparations to stand-up the Incident Command Post.

(1) Account for all unit personnel.

(2) VMU fuel the fuel pods to 75% capacity and keep all boats, vehicles and generators fueled to a minimum of 75%. Check condition and operation of generators used for emergency power.

(3) Trailer all unessential small boats and prepare for evacuation.

(4) Brief unit personnel on storm's strength and predicted course.

(5) Liaison with local emergency management coordinator.

c. Hurricane Condition Three (Gale force winds within 48 hours of landfall). Begin evacuation of ICP personnel. When Condition Three is set, all hands present for duty or on liberty are to be notified of that condition without exception. Recall those personnel from liberty as may be required to maintain the unit's necessary readiness status. At the time of notifying personnel that Condition Three has been set, they shall be instructed to return to the unit, remain on liberty subject to recall within six hours, or evacuated. Advise Sector Houston-Galveston upon attainment of Condition Three.

- (1) Relocate small boats and maintenance equipment to Lumberton High School or Canton-Tyler area.
- (2) Transfer weapons and ammunition to the Lumberton Police Department or the Lufkin Police Department.
- (3) IRM personnel, begin backing-up computer systems and SIPERnet. Move computer equipment off of the floor and into an interior room. Pack-up MSU server. Ensure communication gear is accounted for and ready for transfer. All IRM equipment will be evacuated to the Lumberton High School or to a hotel in the Tyler, TX area.
- (4) Command Security Officer, account for classified information. Remove classified material logs from safe and ensure that safes are locked. The classified material log will be the primary means of accounting for classified material in the event that the safes are damaged by water.
- (5) Fuel boats and vehicles to capacity and check readiness to proceed on missions, check readiness of emergency sources of power and emergency communications equipment.

d. Hurricane Condition Two (Warning, Gale force winds within 24 hours). Ensure that all actions required for Condition Three have been completed. Personnel on leave or liberty should be contacted, advised of the hurricane, and may be recalled at the discretion of the command. Advise Sector Houston-Galveston upon attainment of Condition Two.

- (1) ICP assumes the watch in the Dallas/Tyler metropolitan area.
- (2) Non-essential personnel evacuate to the designated safe haven at 28 hours before landfall.
- (3) Department heads maintain accountability of all evacuating personnel and report that information to the ICP people cell.
- (4) The first SITREP shall be submitted at attainment of Condition Two. Additional SITREPS shall be submitted in accordance to Sector Houston's designated battle rhythm and shall be sequentially numbered with final SITREP so noted. Significant changes shall initially be reported by the most expedient

means available and included in the next SITREP. SITREPS will include information in the following order:

1. PERSONNEL: NUMBER OF PERSONNEL ASSIGNED TO UNIT:
2. PERSONNEL CASUALTIES: N/A
3. AIRCRAFT: N/A
4. CUTTERS: N/A
5. STATIONS STATUS: N/A
6. ANTS STATUS: N/A
7. STORM-RELATED SORTIES: N/A
8. PORT CONDITIONS:
 - 8.A. BEAUMONT:
 - 8.B. PORT ARTHUR:
 - 8.C. ORANGE:
 - 8.D. LAKE CHARLES:
9. WATERWAY/ ATON STATUS:
10. NAVIGATION HAZARDS:
11. COMMERCIAL VESSEL STATUS:
 - 11.A. PORT OF BEAUMONT:
 - 11.B. PORT OF PORT ARTHUR:
 - 11.C. PORT OF ORANGE:
12. LOCK AND BRIDGE STATUS:
13. COMMERCIAL FUEL STATUS:
14. COMMUNICATIONS:
15. ENVIRONMENTAL RESPONSE:
16. MEDIUM CASE PARTICULARS:
17. MAJOR CASE PARTICULARS:
18. AUXILIARY:
19. DAMAGE:
20. HURRICANE CONDITIONS:
21. INTERAGENCY OPERATIONS:
22. IMPACT ON POST/FUTURE OPS:
23. FUTURE PLANS:
24. UNIT POC: CDO 409.723.6500.

e. Hurricane Condition One (Danger, Gale force winds within 12 hours). Ensure actions completed for Condition Two; complete warnings to shipping and small craft. From the time this condition is set until the storm has passed, extreme caution shall be used in dispatching any forces on assistance missions.

(1) Continue to submit SITREPS.

(2) MSUPA shall be completely evacuated and all personnel accounted for.

6. Communications.

a. Setting Hurricane Conditions. Hurricane conditions will be set by Commander, Eighth District via an ALLCOGARDEIGHT message to all units within the Eighth District AOR. Independent units located within the area as deemed necessary will be included as information addressees. Messages originated by Eighth District will include COMLANTAREA COGARD, MLCLANT, and COMDT COGARD as information addressees.

EXAMPLE:

O -
FM CCGDEIGHT NEW ORLEANS LA //D/CC//
TO ALLCOGARDEIGHT
INFO COMLANTAREA COGARD PORTSMOUTH VA//AOC//
COMDT COGARD WASHINGTON DC//G-TGC//
BT
UNCLAS//NO3140//
SUBJ: HURRICANE (NAME)
A. CCGDEIGHTINST 3010.1(SERIES)
1. SET HURRICANE CONDITION _____.
BT

b. Acknowledgments.

(1) After setting the specified condition, MSUPA shall consolidate reports from MSU Lake Charles and report to Sector Houston-Galveston that the condition is set.

EXAMPLES:

O
FM COGARD MSU PORT ARTHUR TX
TO COMCOGARDGRU GALVESTON TX
INFO COGARD MSU LAKE CHARLES LA
COGARD STATION SABINE TX
COGARD ANT SABINE TX
USCGC HERON
BT
UNCLAS //N03145//
SUBJ: HURRICANE NAME – CONDITION FOUR
A. YOUR ----Z MONTH YEAR
B. CCGDEIGHTINST 3010.1 (SERIES).
1. HURRICANE CONDITION FOUR HAS BEEN SET IN ACCORDANCE
WITH REFS A AND B.
BT
NNNN

WHISKEY MESSAGE

O

FM COGARD MSU PORT ARTHUR TX
TO COMCOGARDGRU GALVESTON
INFO CCGDEIGHT NEW ORLEANS LA//O/M/OAN/DPA/DCS//
COGARD MSU LAKE CHARLES LA
COGARD STATION SABINE TX

BT

UNCLAS//N03140//

SUBJ: REQUEST BROADCAST NOTICE TO MARINERS

1. REQUEST THE FOLLOWING NOTICE TO MARINERS BE BROADCAST
UPON RECEIPT AND AT EACH SCHEDULED BROADCAST UNTIL
CONDITION X-RAY IS SET.

“QUOTE”

THE U.S. COAST GUARD CAPTAIN OF THE PORT OF PORT ARTHUR HAS
SET HURRICANE CONDITION WHISKEY FOR THE PORT(S) OF

_____, _____, AND _____. GALE FORCE WINDS
FROM HURRICANE _____ ARE EXPECTED TO MAKE LANDFALL
ALONG THE COAST OF _____ WITHIN 72 HOURS. PLEASURE CRAFT
ARE ADVISED TO SEEK SAFE HARBOR. THE CAPTAIN OF THE PORT HAS
ESTABLISHED A SAFETY ZONE FOR THE FOLLOWING AREAS:

_____. TO ENTER, TRANSIT, OR REMAIN WITHIN THIS SAFETY
ZONE, VESSELS MUST COMPLY WITH THE FOLLOWING REQUIREMENTS:
ALL COMMERCIAL VESSELS AND BARGES GREATER THAN 500 GROSS
TONS MUST IMMEDIATELY ADVISE THE CAPTAIN OF THE PORT OF THEIR
INTENT TO REMAIN IN PORT OR TO DEPART. COMMERCIAL VESSELS
AND BARGES GREATER THAN 500 GROSS TONS DESIRING TO REMAIN IN
PORT MUST ARRANGE SAFE MOORING AND SHALL COMPLETE AND
SUBMIT IN WRITING WITHIN 24 HOURS TO THE CAPTAIN OF THE PORT A
REMAINING INPORT CHECKLIST FOR APPROVAL. COPIES OF THE
CHECKLIST ARE AVAILABLE FROM THE CAPTAIN OF THE PORT.
COMMERCIAL VESSELS AND BARGES OVER 500 GROSS TONS DEPARTING
THE PORT MUST DEPART NOT LATER THAN ___ HOURS PRIOR TO THE
ARRIVAL OF GALE FORCE WINDS. VESSELS BOUND FOR THIS (THESE)
PORTS(S) WHICH ARE UNABLE TO DEPART ___ HOURS PRIOR TO THE
ARRIVAL OF GALE FORCE WINDS ARE ADVISED TO SEEK AN
ALTERNATIVE DESTINATION.

“UNQUOTE”

BT

X-RAY MESSAGE

O

FM COGARD MSU PORT ARTHUR TX
TO COMCOGARDGRU GALVESTON TX
INFO CCGDEIGHT NEW ORLEANS LA//O/M/OAN/DPA/CC/DCS//
COGARD MSU LAKE CHARLES LA
COGARD STATION SABINE TX
COGARD ANT SABINE TX
USCGC HERON

BT

UNCLAS//N03140//

SUBJ: REQUEST BROADCAST NOTICE TO MARINERS

1. REQUEST THE FOLLOWING NOTICE TO MARINERS BE BROADCAST
UPON RECEIPT AND AT EACH SCHEDULED BROADCAST UNTIL
CONDITON YANKEE IS SET.

“QUOTE”

THE U.S. COAST GUARD CAPTAIN OF THE PORT OF PORT ARTHUR
HAS SET HURRICANE CONDITION X-RAY FOR THE PORT (S) OF
_____, _____, AND _____. GALE FORCE
WINDS FROM HURRICANE _____ ARE EXPECTED TO MAKE
LANDFALL ALONG THE COAST OF _____ WITHIN 48 HOURS.
PLEASURE CRAFT ARE ADVISED TO SEEK SAFE HARBOR. THE
CAPTAIN OF THE PORT HAS ESTABLISHED A SAFETY ZONE FOR THE
FOLLOWING AREAS: _____. TO ENTER, TRANSIT, OR REMAIN
WITHIN THIS SAFETY ZONE, VESSELS MUST COMPLY WITH THE
FOLLOWING REQUIREMENTS: ALL COMMERCIAL VESSELS AND
BARGES GREATER THAN 500 GROSS TONS DESIRING TO REMAIN IN
PORT MUST IMMEDIATELY SUBMIT IN WRITING TO THE CAPTAIN OF
THE PORT THEIR REMAINING IN PORT CHECKLIST FOR APPROVAL.
COMMERCIAL VESSELS AND BARGES OVER 500 GROSS TONS
DEPARTING THE PORT MUST DEPART NOT LATER THAN __ HOURS
PRIOR TO THE ARRIVAL OF GALE FORCE WINDS. BUNKERING AND
LIGHTERING IN INSHORE ANCHORAGES IS PROHBITED. MARINERS
ARE ADVISED THAT THE CAPTAIN OF THE PORT WILL IMPOSE
VESSEL TRAFFIC CONTROL MEASURES SIGNIFICANTLY LIMITING
VESSEL MOVEMENT AND ACTIVITIES WHEN GALE FORCE WINDS
ARE WITHIN 24 HOURS OF THE PORT. VESSELS BOUND FOR THIS
(THESE) PORT (S) WHICH ARE UNABLE TO DEPART __ HOURS PRIOR
TO THE ARRIVAL OF GALE FORCE WINDS ARE ADVISED TO SEEK AN
ALTERNATIVE DESTINATION.

“UNQUOTE”

BT

YANKEE MESSAGE

O

FM COGARD MSU PORT ARTHUR TX
TO COMCOGARDGRU GALVESTON TX
INFO CCGDEIGHT NEW ORLEANS LA//O/M/OAN/DPA/CC/DCS//
COGARD MSU LAKE CHARLES LA
COGARD STATION SABINE TX
COGARD ANT SABINE TX
USCGC HERON

BT

UNCLAS//N03140//

SUBJ: REQUEST BROADCAST NOTICE TO MARINERS

1. REQUEST THE FOLLOWING NOTICE TO MARINERS BE BROADCAST UPON RECEIPT AND AT EACH SCHEDULED BROADCAST UNTIL CONDITON ZULU IS SET.

“QUOTE”

THE U.S. COAST GUARD CAPTAIN OF THE PORT OF PORT ARTHUR HAS SET HURRICANE CONDITION YANKEE FOR THE PORT (S) OF _____, _____, AND _____. GALE FORCE WINDS FROM HURRICANE _____ ARE EXPECTED TO MAKE LANDFALL ALONG THE COAST OF _____ WITHIN 24 HOURS. PLEASURE CRAFT ARE ADVISED TO SEEK SAFE HARBOR. THE CAPTAIN OF THE PORT HAS ESTABLISHED A SAFETY ZONE FOR THE FOLLOWING AREAS: _____. NO VESSELS MAY ENTER, TRANSIT, OR REMAIN WITHIN THIS SAFETY ZONE WITHOUT THE PERMISSION OF THE CAPTAIN OF THE PORT. THE FOLLOWING ADDITIONAL REQUIREMENTS ARE IN EFFECT: ALL TRANSFER OF CARGO OPERATIONS SHALL CEASE WHEN WIND SPEEDS REACH ___ MPH. MOVEMENT OF ALL VESSELS AND BARGES GREATER THAN 500 GROSS TONS WITHIN THE PORT (S) IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE CAPTAIN OF THE PORT. ALL COMMERCIAL VESSELS AND BARGES GREATER THAN 500 GROSS TONS DESIRING TO DEPART THE PORT MUST CONTACT THE CAPTAIN OF THE PORT TO ARRANGE IMMEDIATE DEPARTURE. ALL COMMERCIAL VESSELS AND BARGES GREATER THAN 500 GROSS TONS REMAINING IN PORT MUST BE AT THEIR MOORING SITE IN ACCORDANCE WITH THEIR REMAINING IN PORT CHECKLIST AS APPROVED BY THE CAPTAIN OF THE PORT. VESSELS BOUND FOR THIS PORT ARE ADVISED TO SEEK AN ALTERNATIVE DESTINATION.

“UNQUOTE”

BT

ZULU MESSAGE

O

FM COGARD MSU PORT ARTHUR TX
TO COMCOGARDGRU GALVESTON TX
INFO CCGDEIGHT NEW ORLEANS LA//O/M/OAN/DPA/CC/DCS//
COGARD MSU LAKE CHARLES LA
COGARD STATION SABINE TX
COGARD ANT SABINE TX
USCGC HERON

BT

UNCLAS//N03140//

SUBJ: REQUEST BROADCAST NOTICE TO MARINERS

1. REQUEST THE FOLLOWING NOTICE TO MARINERS BE BROADCAST
UPON RECEIPT AND AT EACH SCHEDULED BROADCAST UNTIL
CONDITION YANKEE IS SET

“QUOTE”

THE U.S. COAST GUARD CAPTAIN OF THE PORT OF PORT ARTHUR
HAS SET HURRICANE CONDITION ZULU FOR THE PORT (S) OF
_____, _____, AND _____. GALE FORCE
WINDS FROM HURRICANE _____ ARE EXPECTED TO MAKE
LANDFALL ALONG THE COAST OF _____ WITHIN 12 HOURS. THE
CAPTAIN OF THE PORT HAS ESTABLISHED A SAFETY ZONE FOR THE
FOLLOWING AREAS: _____. NO VESSELS MAY ENTER OR
TRANSIT WITHIN THIS SAFETY ZONE WITHOUT THE PERMISSION OF
THE CAPTAIN OF THE PORT.

“UNQUOTE”

BT

POST HURRICANE YANKEE

O

FM COGARD MSU PORT ARTHUR TX
TO COMCOGARDGRU GALVESTON TX
INFO CCGDEIGHT NEW ORLEANS LA//O/M/OAN/DPA/CC/DCS//
COGARD MSU LAKE CHARLES LA
COGARD STATION SABINE TX
COGARD ANT SABINE TX
USCGC HERON

BT

UNCLAS//N03140//

SUBJ: REQUEST BROADCAST NOTICE TO MARINERS

1. REQUEST THE FOLLOWING NOTICE TO MARINERS BE BROADCAST UPON RECEIPT AND AT EACH SCHEDULED BROADCAST UNTIL CANCELED.

“QUOTE”

THE U.S. COAST GUARD CAPTAIN OF THE PORT OF PORT ARTHUR HAS SET POST HURRICANE YANKEE CONDITION FOR THE PORT (S) OF _____, _____, AND _____. THE CAPTAIN OF THE PORT HAS ESTABLISHED A SAFETY ZONE FOR THE FOLLOWING AREAS: _____. NO VESSELS MAY ENTER, TRANSIT OR REMAIN WITHIN THIS SAFETY ZONE WITHOUT THE PERMISSION OF THE CAPTAIN OF THE PORT. MOVEMENT OF ALL VESSELS AND BARGES GREATER THAN 500 GROSS TONS WITHIN THE PORT(S) IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE CAPTAIN OF THE PORT. THIS PORT CONDITION WILL REMAIN IN EFFECT UNTIL THE CAPTAIN OF THE PORT HAS CONDUCTED A WATERWAY SURVEY AND DETERMINES THE STATUS OF THE PORT.

“UNQUOTE”

BT