

Alachua County AUXCOMM Volunteers Response to Hurricane Ian & TS Nicole September 24-29, November 9-10 2022



After Action Report/Improvement Plan

HANDLING INSTRUCTIONS

Points of Contact:

Alachua County AUXCOMM Volunteers:

Name: Jeff Capehart, Asst. Section Manager.
Emergency Coordinator
FCC License: W4UFL

Name: Gordon Gibby MD, Asst. Emergency Coordinator
FCC License: KX4Z
SHARES License: NCS521

FOR PUBLIC RELEASE

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EXECUTIVE SUMMARY

Hurricane Ian passed over Cuba 27 September before making landfall in Florida at Port Charlotte on 28 September. Although the hurricane arrived as a near Category 5 storm, at landfall, Alachua County was relatively unaffected by the storm that devastated other parts of Florida.

The Alachua County AUXCOMM Volunteers¹ (ACAV) supported the Alachua County Office of Emergency Management² as auxiliary communications (AUXCOMM³) operators beginning on 24 Sep for the initial planning meeting for Hurricane Ian⁴ through 29 Sep when the team was stood down and demobilized.

The team supported the Alachua County Emergency Operations Center (EOC) as well as three shelters.

The shelters maintained radio communications with the EOC and the EOC maintained radio communications with the Florida Department of Emergency Management (FDEM) and surrounding counties prior to, during, and following the approach of the hurricane.

Tropical Storm (TS) Nicole followed Hurricane Ian by only a few short weeks, with an overnight activation of the EOC and two shelters 9-10 Nov. Fortunately, the storm passed by Alachua County with very little damage

For the two storms combined, 11 total volunteers provided 139 total volunteer hours. Assuming a conservative \$15/hr suggests resulting in approximately \$16,680 dollars the state did not have to reimburse FEMA; a more reasonable \$22/hr indicates over \$24,000.

Major Strengths

- Communication amongst team members was noted as a major strength.
- Voice and data lines of radio communication were maintained continuously through the storm.
- Activated 11 badged volunteers for the hurricane, 7 for the tropical storm.
- Staffed the EOC with 2 team-members.
- Staffed 4 shelters with 2 team-members at each location for the hurricane, 2 for the tropical storm.
- Operated net control from a remote location which reduced the burden on the EOC team.
- Created a VHF Winlink RMS station prior to the storm approach at the EOC.
- The team was able to serve the EOC by fulfilling two additional requests for

1 <https://qsl.net/nf4rc/index.html>

2 <https://www.alachuacounty.us/depts/em/pages/em.aspx>

3 <https://www.cisa.gov/safecom/comu-training-resources>

4 <https://www.fema.gov/disaster/hurricane-ian>

support;

- Implementing internet connectivity at one of the shelters
- Bringing 6 new satellite phones into service.

Primary Areas for Improvement

- Communication with the State EOC via WINLINK in Hurricane Ian had some hiccups; Communication to volunteers staffing the State EOC SARNET during Hurricane NICOLE was much better.
 - Our Alachua County EOC radio room experienced significant RFI interference between the two VHF stations.
 - During Hurricane IAN we experienced difficulties using our VHF Winlink Peer-to-Peer station due to an operator error.
 - Identified that operating as net control for the ARES(R) volunteer state HF net reduced the capacity of the team to support the Alachua County EOC.
 - The chain of custody for the Mobile Broadband Kit was a learning curve for the team. The paperwork went with the equipment rather than staying at the EOC which made inventory difficult.
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SECTION 1: RESPONSE OVERVIEW

Response Name	Hurricane Ian September 2022, Tropical Storm Nicole October 2022
Response Dates	28-29 September, 9-10 October, 2022
Scope	The storms affected multiple jurisdictions. The scope of this AAR/IP is focused on Alachua County AUXCOMM Volunteer response.
Mission Area(s)	Response
Core Capabilities	Operational Communication, ⁵ Planning, Information Sharing, Public Information, and Community Resilience ⁶
Objectives	<ol style="list-style-type: none">1. Ensure health and safety of all participants2. Prepare a local ICS 201 Form3. Notify ARES Members and Northern Florida Section ARES of Activation Status.4. Develop list of volunteers available for staffing shelters.5. Maintain communications with State ARES Net and SARNET.6. Provide refresher training on county “go-boxes” prior to deployments.7. Deploy radio volunteers to staff shelters in Alachua County, as required.
Threat or Hazard	High winds, flooding
Scenario	Category 4 Hurricane
Sponsor	Mother Nature
Participating Organizations	DHS/FEMA, Florida DEM, Alachua County Office of Emergency Management, North Florida ARES®, Alachua County ARES® Volunteers.
Point of Contact	Dr. Gordon Gibby, MD, DocVacuumTubes@gmail.com ; Brett Wallace, NH2KW@gmx.com

5 https://www.fema.gov/sites/default/files/2020-07/fema_ESF_2_Communications.pdf

6 <https://www.fema.gov/emergency-managers/national-preparedness/mission-core-capabilities>

Disaster Planning Team

Gordon L. Gibby KX4Z
Leland Gallup AA3YB
David Huckstep W4JIR
Jeff Capehart W4UFL

Active Volunteers

Gordon L. Gibby KX4Z- Alachua County EOC (ESF #2)
Leland Gallup AA3YB- Alachua County EOC (ESF #2)
David Huckstep W4JIR- Alachua County Net Control Station
Jeff Capehart W4UFL- Alachua County EOC, Special Needs Shelter (ESF #8)
Susan Halbert KG4VWI- Alachua County EOC, Eastside Shelter (ESF #6)
Earl
Dean Covey KV4RL- Meadowbrook Elementary Shelter (ESF #6)
Rosemary KI4QBZ- Meadowbrook Elementary Shelter (ESF #6)
Eric Please KO4ZSD- Logistics Support
Vann Chesney AC4QS- Special Needs Shelter (ESF #8)
Brett Wallace NH2KW-Special Needs Shelter (ESF #8)

SECTION 2: DISASTER RESPONSE PLAN DESIGN SUMMARY

Disaster Response Plan Purpose and Design

The purpose of the Alachua County AUXCOMM Volunteers is to support the Alachua County Office of Emergency Management by providing auxiliary communication in the event that phone and internet communications are interrupted.

The Incident Action Plan (IAP):

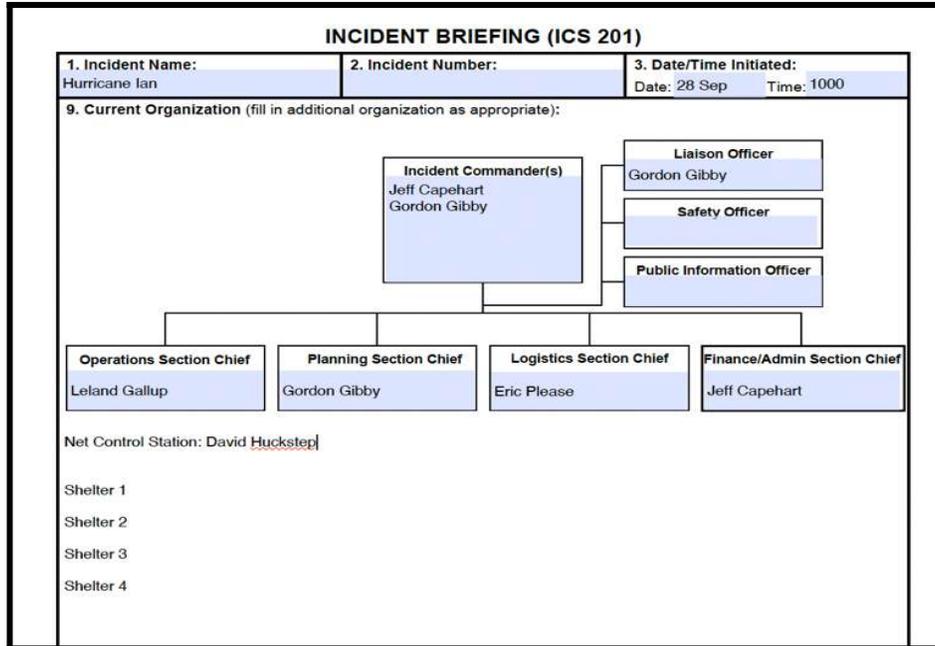
The Full Incident Action Plan for Hurricane IAN is available at:
https://qsl.net/nf4rc/2022/IAP_IAN_2022.pdf There was not a written IAP for Hurricane Nicole.

Incident Command System / Leadership

The Alachua County AUXCOMM Volunteers are task organized under the Emergency Support Function #2 (Communications⁷).

Jeff Capehart is the Emergency Coordinator. Dr. Gordon Gibby attended first of the County planning meetings for Hurricane IAN on 24 Sep. Leland and Gordon manned the EOC radio room during Hurricane IAN.

⁷ <https://www.fema.gov/pdf/emergency/nrf/nrf-esf-intro.pdf>



SECTION 3: ANALYSIS OF OBJECTIVES / RESULTS

Aligning exercise objectives and core capabilities provides a consistent taxonomy for evaluation that transcends individual exercises to support preparedness reporting and trend analysis. Table 1 includes the exercise objectives, aligned core capabilities, and performance ratings for each core capability as observed during the exercise and determined by the evaluation team.

Objective	Core Capability	Performed without Challenges (P)	Performed with Some Challenges (S)	Performed with Major Challenges (M)	Unable to be Performed (U)
1. Ensure Health and Safety of all participants	Community Resilience ⁸	P			
2. Prepare local ICS-201 Form	Planning	P			
3. Notify ARES Members and Northern Florida Section ARES of Activation Status	Planning		S		
4. Develop list of volunteers available for staffing shelters	Planning	P			

Objective	Core Capability	Performed without Challenges (P)	Performed with Some Challenges (S)	Performed with Major Challenges (M)	Unable to be Performed (U)
5. Maintain communications with State ARES Net and SARNET	Operational Communication			M	
6. Provide refresher training on county "go-boxes" prior to deployments	Operational Communication	P			
7. Deploy radio volunteers to staff shelters in Alachua County, as required	Operational Communication	P			

Table 1. Summary of Core Capability Performance

OBJECTIVE 1:

Ensure Health and Safety of all participants

Strengths

Strength: No concerns

Areas for Improvement

Area for Improvement: None

OBJECTIVE 2:

Prepare local ICS-201 Form

Strengths

Strength: No concerns

Areas for Improvement

Area for Improvement: None

OBJECTIVE 3:

Notify ARES Members and Northern Florida Section ARES of Activation Status

Strengths

Strength: Multiple methods were used to contact the members to determine availability; email/Groups.io, Winlink, VHF Voice, and Everbridge notifications via SMS. ⁹

Areas for Improvement

Area for Improvement: The lack of availability for many members to commit to an overnight stay at the shelter or EOC during the approach of the storm came as a surprise. All positions were eventually staffed by at least two member.

OBJECTIVE 4:

Develop list of volunteers available for staffing shelters

Strengths

Strength: No concerns

Areas for Improvement

Area for Improvement: None

⁹ We attempted to follow the notification and security procedures outlined in our Draft Comms Plan, which was well accepted and subsequently approved as a result. See: <https://qsl.net/nf4rc/AlachuaCountyCommsPlan2022.pdf>

OBJECTIVE 5:

Maintain communications with State ARES Net and SARNET

Strengths

Strength: NF4AC was initially able to check in with the SARNET

Areas for Improvement

Area for Improvement 1: At some point during the Response; the SARNET administrators removed the Alachua input repeater from the circuit. The cause somewhat unclear.¹⁰

Area for Improvement 2: NF4AC took the role of NET Control for the volunteer ARES(R) State HF Net for four hours.¹¹ This reduced the capacity of the AUXCOMM volunteers to be able to support the EOC staff.

Suggestion 1: Do not rely on the serial-linked SARNET UHF repeater system for emergency communications; always have additional techniques available. Be aware of, and have programmed, the nearby OCALA SARNET entry point, which works from our EOC.

Suggestion 2: Do not assume the role as Net Control for the volunteer ARES(R) State HF Net. at the EOC. Other operators outside the EOC may conduct this task.

¹⁰ We don't have the exact information. One volunteer heard that an errant frequency setting accidentally put an APRS-based transmission on the local SARNET input frequency. Since APRS includes the callsign, officials were able to find the involved personnel. Such errors can happen and indicate the need for additional training and oversight.

¹¹ This was due to conflicting constraints of the expressed need for volunteer net controls, the need for a good antenna (difficult at a shelter) and the paucity of operators who are facile with HF operations.

OBJECTIVE 6:

Provide refresher training on county “go-boxes” prior to deployments

Strengths

Strength: Training was conducted for volunteers at the EOC ahead of the deployment.

Areas for Improvement

Area for Improvement: Provide recurring training throughout the year to maintain proficiency. Add additional instruction on how to provide data communications through this go-box.

OBJECTIVE 7:

Deploy radio volunteers to staff shelters in Alachua County, as required

Strengths

Strength: All staffing positions at the EOC and shelters were supported by at least two volunteers.

Areas for Improvement

Area for Improvement: None

SECTION 4: CONCLUSION

The Alachua County AUXCOMM Volunteers (ACAV) performed very well during the responses to Hurricane Ian and Tropical Storm Nicole. All requests for support by the Alachua County EOC were met, all expectations were exceeded.

The EOC and each shelter were staffed by at least two volunteers at all times. Communication between the shelters and the EOC were maintained by VHF throughout the response. Updates on the current weather conditions were initially slow to flow to the shelters during Hurricane Ian and was improved during TS Nicole.

Alachua County UHF-SARNET input was removed from the SARNET without specifically informing the Alachua County EOC. There does not appear to be a system for informing EOC volunteers. This might be done via telephone (where available), SLERS (where available), HF Net (if the EOC is checked in) or via WINLINK. The immediate remedy is for Alachua County to not rely on the SARNET repeater system and to program in frequencies for the OCALA node on our radios as well.

Alachua County has improved the VHF AX.25 digital network as a result of seeing the benefit to sending digital messages via VHF. Additionally, a VARA FM network has been added for redundancy and greatly increased speed.

The most difficult issue to overcome is the requirement to send signed ICS forms to the EOC Finance and Administration Section. The easiest method is to take a photo with a smart phone and submit the JPEG image, assuming the internet and cell service is working. Another method is to place an image of a signature over the electronic form. Signing the form electronically (i.e. PGP) is another method being examined by the group as a means to submit the form via digital radio techniques; a concern about encryption was raised, however.

APPENDIX A

IMPROVEMENT PLAN

Finding	Remedy	Assigned to	Target Completion
Unfamiliarity with the EOC satellite phones	Training during monthly County EOC exercise	Brett	Jan 2023
Winlink Peer-to-Peer function failed	Contact WL developers	Gordon	Complete, Nov 2022 ¹²
Shelter "Go boxes" were not set up for Winlink	Purchase and configure computers and sound cards	Not assigned	None ¹³
VHF WL Packet did not work	"Sensitivity" control it turns out and needs to be at about 15-20% from the left border	Gordon	Complete, Oct 2022
Headphones for the Yaesu 2.5mm sockets	Order cable adapters that will allow use of more available 3.5mm plugged headphones, for example the SB/45 Koxx	Gordon	On order, Oct 2022 Completed, Nov 2022 ¹⁴
Interference between the two VHF systems	Duplexer cans, one each, to notch out the other frequency. They differ by over 1	Gordon	Complete, Nov 2022

- 12 The failure was due to an operator mis-setting of the Soundmodem DCD Threshold such that the station was largely prevented from transmitting. This setting is not well explained in any Soundmodem documentation. The setup document on our webpage <https://www.qsl.net/nf4rc/UnderstandingAudioChannelConfiguration.pdf>, will be updated to include warnings about the proper setting of this important control.
- 13 We have determined how to create inexpensive cables to interface the Go-box ID-4100 VHF amateur radio to a standard "Alachua County" Signalink and will proceed to obtain permission to get this accomplished on the go-boxes.
- 14 It turns out we were attempting to plug the headset into the GPS input socket. The correct audio output was a standard 3.5 mm jack on the REAR of the radio. We do have headsets in the EOC that will fit. An additional, low-pressure-fit headset was purchased and added to the group at the EOC.

	MHz, so this should be pretty easily possible.		
Unable to submit signed forms electronically	Identify best method(s) to signed documents for submission to the EOC	Gordon	Completed, Dec 2022 ¹⁵
Additional comfortable headsets at the EOC	Purchase additional headsets	Anyone	Completed - additional headset purchased, Samson HP 30 (< \$20) installed Nov 2022
ICOM 7300 reverts to Data-Mod input of ACCY rather than USB	(1) Train operators to be able to reset. (2) Investigate whether default setting can be set properly. (3) Include in EOC Operations Manual	Gordon	(1) Operators typically present at Wednesday training have been trained. (3) Included in EOC Operations Manual
Email address to which we can send signed 214's	Investigate with EOC	Gordon	

APPENDIX B

TIMELINE HURRICANE IAN

DATE	EVENT
FRIDAY 09/23/2022 12:57PM	ALACHUA COUNTY EMERGENCY MANAGEMENT (ACEM) SENDS TD 9-FLASH REPORT 01 TO EMERGENCY OPERATIONS TEAM PARTNERS (EOTP). THE MULTI AGENCY COORDINATION (MAC) GROUP WILL BE MEETING THIS AFTERNOON TO PROVIDE ADDITIONAL GUIDANCE TO EOT MEMBERS. WITH THE LATEST UPDATE, IT IS POSSIBLE THAT ALACHUA COUNTY COULD BEGIN SEEING EFFECTS OF THIS SYSTEM AS EARLY AS TUESDAY MORNING. THIS IS SUBJECT TO CHANGE. ALL EOT PARTNERS SHOULD REVIEW THEIR EMERGENCY PLANS, TEST EQUIPMENT, AND

¹⁵ Discussion on a national WINLINK developers' forum indicated it was impossible to add a "signature" to the WINLINK Form. Therefore the remaining solution is to create an ICS-214 in a wordprocessor type format, append a bitmap of the users signature, and send into volunteers at the EOC as a PDF or other file, over radio. With our new high speed VARA-FM, this is now possible. Further training on this technique will be accomplished and bitmaps of volunteers' signatures will be individually developed.

	ENSURE FUEL LEVELS ARE SUFFICIENT.
SATURDAY 09/24/2022 12:18PM	<p>ACEM SENDS TS IAN - FLASH REPORT #2 TO EOTP. CONFIDENCE IS GROWING THAT ALACHUA COUNTY WILL EXPERIENCE AT LEAST TROPICAL STORM FORCE WINDS AS EARLY AS TUESDAY, BUT MOST LIKELY ON WEDNESDAY. PLANNING PROCEDURES FOR SPECIAL NEEDS AND GENERAL POPULATION SHELTERING ARE ONGOING. A PLAN OF ACTION WILL BE PUT IN PLACE FOR THE BEGINNING OF NEXT WEEK BASED ON THE LATEST NATIONAL HURRICANE CENTER INFORMATION. ALL EMERGENCY OPERATIONS TEAM (EOT) MEMBERS INVOLVED IN SHELTERING OPERATIONS IN A PRIMARY OR SUPPORT ROLE SHOULD BE READY TO ACTIVATE, IF NEEDED.</p>
SUNDAY 09/25/2022 4:36PM	<p>ACEM SENDS TS IAN - FLASH REPORT #3 TO EOTP. THE COUNTY EOC IS CURRENTLY IN A HEIGHTENED MONITORING STATE AS WE CONTINUE TO COORDINATE WITH OUR INTERNAL AND EXTERNAL PARTNERS. THERE WILL BE AN EMERGENCY OPERATIONS TEAM MEETING TOMORROW IN THE EOC WITH LEAD AGENCY REPRESENTATIVES. ALTHOUGH THE INITIAL WESTWARD TRACK SLIGHTLY REDUCED THE POTENTIAL WIND IMPACTS, THE MOST RECENT UPDATE INCREASED THE POTENTIAL WIND THREAT TO ALACHUA COUNTY. EOT MEMBERS SHOULD OPERATE UNDER THE ASSUMPTION THAT IMPACTS OF AT LEAST TROPICAL STORM FORCE WINDS WILL IMPACT ALACHUA COUNTY STARTING ON WEDNESDAY EVENING. PLANNING PROCEDURES FOR SPECIAL NEEDS AND GENERAL POPULATION SHELTERING ARE ONGOING. A PLAN OF ACTION WILL BE PUT IN PLACE FOR THE BEGINNING OF NEXT WEEK BASED ON THE LATEST NATIONAL HURRICANE CENTER INFORMATION. ALL EOT MEMBERS INVOLVED IN SHELTERING OPERATIONS IN A PRIMARY OR SUPPORT ROLE SHOULD BE READY TO ACTIVATE, IF NEEDED. SPECIAL NEEDS SHELTERING CLIENTS WERE POLLED VIA EVERBRIDGE TODAY TO GAUGE POTENTIAL NEED FOR SPECIAL NEEDS TRANSPORTATION PLANNING.</p>
MONDAY 09/26/2022 8:33PM	<p>ACEM SENDS HURRICANE IAN - FLASH REPORT #4 TO EOTP. ALACHUA COUNTY HAS DECLARED A LOCAL STATE OF EMERGENCY AS PART OF EXECUTIVE ORDER 2022-01. IN ADDITION, ALL FLORIDA COUNTIES HAVE BEEN ADDED TO FEMA'S PRE-LANDFALL CATEGORY B DECLARATION AND ARE ALSO INCLUDED IN THE GOVERNOR'S STATEWIDE EMERGENCY DECLARATION. THE ALACHUA COUNTY EMERGENCY OPERATIONS CENTER (EOC) WILL BE PARTIALLY ACTIVATED BEGINNING ON SEPTEMBER 27TH, 2022, AT 08:30. INFORMATION AND PLANNING (ESF 5), MASS CARE SERVICES (ESF 6), PUBLIC HEALTH AND MEDICAL (ESF 8), PUBLIC INFORMATION (ESF 14), AND CENTER DOCUMENTATION SPECIALISTS WILL BE ACTIVATED AT THAT TIME. THE FIRST OPERATIONAL PERIOD FOR THIS INCIDENT WILL BE ON SEPTEMBER 27TH, 2022, FROM 08:30 UNTIL 19:00. THAT OPERATIONAL PERIOD WILL BE STAFFED BY THE FUNCTIONS IDENTIFIED ABOVE. THE SECOND OPERATIONAL PERIOD FOR THIS INCIDENT WILL BE FROM SEPTEMBER 27TH, 2022, AT 19:00 UNTIL SEPTEMBER 28TH AT 07:00. THIS SHIFT WILL CONSIST OF A SKELETON CREW ASSOCIATED WITH SHELTER OPERATIONS. THE THIRD OPERATIONAL PERIOD FOR THIS INCIDENT WILL BE ON SEPTEMBER 28TH, 2022, BEGINNING AT 07:00 UNTIL 19:00. THIS OPERATIONAL PERIOD BEGINS THE FULL EOC ACTIVATION, WHICH WILL INCLUDE ONE REPRESENTATIVE FROM EACH ESF/EOC POSITION. DEPENDING ON THE ONSET OF TROPICAL STORM FORCE WINDS, THIS SHIFT MAY BE EXPECTED TO STAY AT THE EOC UNTIL HAZARDOUS CONDITIONS SUBSIDE. EOT MEMBERS THAT STAFF THIS SHIFT SHOULD COME PREPARED FOR AN EXTENDED STAY AT THE EOC OR PREPARE TO HAVE THEIR BACKUP AT THE EOC BEFORE THE ONSET OF TS FORCE WINDS. THOSE WITHOUT BACKUP WILL BE REQUIRED TO SUPPORT INCIDENT COORDINATION EFFORTS UNTIL HAZARDOUS CONDITIONS SUBSIDE. EOT MEMBERS SHOULD OPERATE UNDER THE ASSUMPTION THAT AT LEAST TROPICAL</p>

	<p>STORM FORCE WINDS WILL IMPACT ALACHUA COUNTY SOMETIME WEDNESDAY. THEY SHOULD ALSO BE PREPARED FOR AN EXTENDED EOC STAY DUE TO THE SLOW SPEED OF THIS SYSTEM. ALL EOT PARTNERS SHOULD ENSURE THAT THEY AND THEIR DEPARTMENTS ARE THOROUGHLY DOCUMENTING INCIDENT ACTIVITIES.</p>
<p>TUESDAY 09/27/2022 7:28PM</p>	<p>ACEM SENDS HURRICANE IAN CFA#1 TO EOTP. TROPICAL STORM FORCE WINDS, OR STRONGER, WILL AFFECT ALACHUA COUNTY BEGINNING WEDNESDAY ABOUT 14:00 ON WEDNESDAY</p> <ul style="list-style-type: none"> • IDENTIFY STAFFING FOR SHELTERS AT EASTSIDE, MEADOWBROOK AND EASTON SPORTS • PREPARE FOR SUPPORT OF SHELTER OPERATIONS BEGINNING 17:00 9/27¹⁶ • COORDINATE FULL ACTIVATION OF EOC AT 07:00 9/28 *****DOES NOT AGREE WITH PRIOR FLASH#4 • REQUIRED STAFF FOR EOC FULL ACTIVATION AT 0700 ON 9/28 <p>o ALL ESF REPRESENTATIVES, ESF 1-18 o IT SUPPORT SPECIALIST *****NOTE THIS IS JIM BLEDSOE KI4KEA</p> <ul style="list-style-type: none"> • SUPPORT OPERATION OF SHELTERS <p>311 HAS BEEN ACTIVATED AND IS RUNNING SMOOTHLY THE GAINESVILLE SENIOR CENTER HAS BEEN OPENED AS A SPECIAL NEEDS SHELTER EASTON NEWBERRY SPORTS COMPLEX IS PREPARED TO OPEN AS A SHELTER (NEWBERRY)CITY OFFICES ARE PLANNING TO CLOSE FOR BUSINESS ON WEDNESDAY AT 1500 UNTIL MONDAY (WALDO) THE CITY WILL BE CLOSED WEDNESDAY THROUGH FRIDAY</p>
<p>WEDNESDAY 09/28/2022 8:20PM</p>	<p>ACEM SENDS HURRICANE IAN CFA#2 TO EOTP. CURRENT EMERGENCY OPERATIONS TEAM (EOT) ACTIONS</p> <ul style="list-style-type: none"> • EOT IS FULLY ACTIVATED • SHELTERS ARE OPEN AND STAFFED AT EASTSIDE, MEADOWBROOK, EASTON SPORTS, AND THE SENIOR CENTER <p>CURRENTLY ANTICIPATE ARRIVAL OF TROPICAL FORCE WINDS AROUND 8PM WEDNESDAY, 9/28 WITH DEPARTURE BY FRIDAY AFTERNOON ALACHUA COUNTY, CITY OF GAINESVILLE, UF, ACPS, AND SANTA FE COLLEGE HAVE ANNOUNCED CLOSURES WEDNESDAY THROUGH FRIDAY ESF2 **** FIRST REPORT FROM ESF2 !!! CURRENT ACTIONS OR ACCOMPLISHMENTS</p> <ul style="list-style-type: none"> • WORKING AS A LIAISON BETWEEN THE COMBINED COMMUNICATIONS CENTER, GRU, THE CITY OF GAINESVILLE, ACFR, AND WATER RESCUE TEAMS • COMPLETED THE DISTRIBUTION, TESTING, AND INSTALLATION OF PUBLIC SAFETY RADIO GO-BOXES AT ACTIVATED AND STAGED SHELTERS • COORDINATED THE STANDUP OF ARES EMERGENCY COMMUNICATION VOLUNTEERS AND THEIR STAGING AT SHELTERS • COORDINATED THE DELIVERY OF A MOBILE BROADBAND KIT TO SUPPORT EASTSIDE SHELTER OPERATIONS <p>FUTURE ACTIONS</p> <ul style="list-style-type: none"> • EFFECTIVELY TRANSFER TO BACK UP AT 17:00 • CONTINUE TO SUPPORT COMMUNICATIONS BETWEEN SHELTERS <p>311: HANDLED 800 CALLS REGARDING STORM IMPACTS, SHELTERS, AND SANDBAGS MASS CARE (ESF 6) CURRENT ACTIONS OR ACCOMPLISHMENTS</p> <ul style="list-style-type: none"> • CONTINUING GENERAL POPULATION SHELTERING ACTIVITIES AT EASTSIDE, EASTON, AND MEADOWBROOK. NO UNUSUAL INCIDENTS • CURRENTLY SHELTERS ARE REPORTING THE FOLLOWING GUESTS/ANIMAL COUNTS: EASTSIDE 0/0, NEWBERRY: 6/8, MEADOWBROOK 14 GUESTS <p>FUTURE ACTIONS</p>

¹⁶ This appears to be for staffing that actually began 2 hours earlier. EOC personnel was very careful to avoid any public announcement of shelter opening in advance of actual staffing.

	<ul style="list-style-type: none"> • TASK SHELTER STAFF WITH UPDATING THEIR SHELTER GUESTS AND ANIMAL COUNT • BEGIN DEMOBILIZATION PLANNING INCLUDING ASSESSING THE NEED FOR INDIVIDUAL ASSISTANCE TO AID IN RECOVERY
<p>THURSDAY 09/29/2022 5:40PM</p>	<p>ACEM SENDS HURRICANE IAN CFA#3 TO EOTP.</p> <ul style="list-style-type: none"> • THE EOT IS FULLY ACTIVATED • EOT MEMBERS ARE WORKING TO FULLY DEMOBILIZE OPERATIONS <p>CURRENTLY ANTICIPATE TROPICAL STORM FORCE WIND GUSTS WILL SUBSIDE AFTER SUNRISE FRIDAY</p> <p>COMMUNICATIONS (ESF 2)</p> <p>CURRENT ACTIONS OR ACCOMPLISHMENTS</p> <p>SITUATIONAL AWARENESS SECTION</p> <ul style="list-style-type: none"> • COMPLETED THE DEMOBILIZATION OF THE PUBLIC SAFETY RADIO GO-BOXES AT ACTIVATED SHELTERS • COORDINATED WITH ARES EMERGENCY COMMUNICATIONS VOLUNTEERS TO EFFECTIVELY DEMOBILIZE VOLUNTEER PERSONNEL • COORDINATED THE DEMOBILIZATION OF THE MOBILE BROADBAND KIT FROM THE EASTSIDE SHELTER <p>311:</p> <ul style="list-style-type: none"> • THE 311 CRITICAL INFORMATION LINE HANDLED APPROXIMATELY 957 CALLS DURING THIS EVENT • VOLUNTEER HOURS HAVE BEEN DOCUMENTED AT OVER 1000 HOURS <p>EOC SUPPORT SECTION CENTER DOCUMENTATION SPECIALIST</p> <p>CURRENT ACTIONS OR ACCOMPLISHMENTS</p> <ul style="list-style-type: none"> • WORKED TO DOCUMENT POLICY GROUP, MAC, EOT, AND SHIFT CHANGE BRIEFINGS • REVIEWED SUBMITTED ICS-214 FORMS AND GUIDED PARTNERS TOWARDS COMPLETION <p>FUTURE ACTIONS</p> <ul style="list-style-type: none"> • CONTINUE TO GUIDE PARTNERS TOWARDS FULL COMPLETION OF ICS-214 FORMS <p>OUTSTANDING OR UNMET NEEDS</p> <ul style="list-style-type: none"> • THERE ARE NUMEROUS INCOMPLETE FORMS THAT WILL REQUIRE FOLLOW-UP, PLEASE BE RESPONSIVE TO REQUESTS.

APPENDIX C

TIMELINE TROPICAL STORM NICOLE

DATE	EVENT
<p>MONDAY 11/07/2022 05:00AM</p>	<p>ZCZC MIATCPAT2 ALL TTAA00 KNHC DDHHMM</p> <p>BULLETIN Subtropical Storm Nicole Advisory Number 1 NWS National Hurricane Center Miami FL AL172022 500 AM AST Mon Nov 07 2022</p> <p>...SUBTROPICAL STORM NICOLE FORMS NORTHEAST OF THE BAHAMAS... ...PROLONGED PERIOD OF HAZARDOUS WEATHER EXPECTED OVER THE NORTHWESTERN BAHAMAS, FLORIDA, AND THE SOUTHEASTERN COAST OF THE UNITED STATES THIS WEEK...</p> <p>SUMMARY OF 500 AM AST...0900 UTC...INFORMATION ----- LOCATION...25.5N 68.5W ABOUT 555 MI...895 KM E OF THE NORTHWESTERN BAHAMAS MAXIMUM SUSTAINED WINDS...45 MPH...75 KM/H PRESENT MOVEMENT...NNW OR 330 DEGREES AT 14 MPH...22 KM/H MINIMUM CENTRAL PRESSURE...1004 MB...29.65 INCHES</p>
<p>TUESDAY 11/08/2022 10:00</p>	<p>ZCZC MIATCPAT2 ALL TTAA00 KNHC DDHHMM</p> <p>BULLETIN Tropical Storm Nicole Advisory Number 6 NWS National Hurricane Center Miami FL AL172022 1000 AM EST Tue Nov 08 2022</p> <p>...HURRICANE WARNING ISSUED FOR PORTIONS OF THE EAST COAST OF FLORIDA...</p> <p>SUMMARY OF 1000 AM EST...1500 UTC...INFORMATION ----- LOCATION...27.8N 72.7W ABOUT 350 MI...560 KM NE OF THE NORTHWESTERN BAHAMAS ABOUT 460 MI...740 KM E OF WEST PALM BEACH FLORIDA MAXIMUM SUSTAINED WINDS...50 MPH...85 KM/H PRESENT MOVEMENT...W OR 280 DEGREES AT 9 MPH...15 KM/H MINIMUM CENTRAL PRESSURE...994 MB...29.36 INCHES</p>
<p>WEDNESDAY 11/09/2022</p>	<p>ACAV ASSIGNMENTS DISSEMINATED VIA WINLINK AND CELL PHONE</p>

2:09PM	<p>SUBJECT: ICS 205A-HURRICANE NICOLE-2022-11-09 13:57 UPDATED MESSAGE ID: ZRO19STSWNIL DATE: 2022/11/09 19:02 FROM: NF4AC TO: WA4JD; WA4AMY; K4AGI; NH2KW; W4JIR; KV4RL; K4ZSW; KI4OXD; KX4Z; W4UFL; KI4KEA; KM4JTE; KE4NVI; WB2SVB; AA3YB; KO4LBS; K4MVR; N4AYS; W9RFT; W5APO; KI4QBZ; K4GLM; KG4VWI; KN4TWS; SMTP:GALLUPELAND@GMAIL.COM; SMTP:DOCVACUUMTUBES@GMAIL.COM SOURCE: NF4AC CMS SITE: CMS-B</p> <p>ICS 205A ALACHUA COUNTY ARES(R) VOLUNTEERS</p> <p>PAGE #: [1]</p> <p>1. INCIDENT/EVENT NAME: HURRICANE NICOLE</p> <p>2. OPERATIONAL PERIOD:</p> <p>DATE FROM: 11/9/2022 TO: 11/10/2022 TIME FROM: 1700 TO: 1700</p> <p>3. BASIC LOCAL COMMUNICATIONS INFORMATION:</p> <p>ASSIGNMENT: EOC NAME: WENDELL WRIGHT KN4TWS METHOD: CELL</p> <p>ASSIGNMENT: EOC NAME: SUSAN HALBERT KG4VWI METHOD: CELL</p> <p>ASSIGNMENT: EOC NAME: JEFF CAPEHART W4UFL METHOD: CELL</p> <p>ASSIGNMENT: EASTSIDE HIGH SCHOOL NAME: EARL SLOAN KI4OXD METHOD: CELL</p> <p>ASSIGNMENT: EASTSIDE HIGH SCHOOL NAME: LORILYN ROBERTS KO4LBS METHOD: CELL</p> <p>ASSIGNMENT: SENIOR CENTER (SPC NEEDS) NAME: BRETT WALLACE NH2KW METHOD: CELL</p> <p>ASSIGNMENT: SENIOR CENTER (SPC NEEDS) NAME: VANN CHESNEY AC4QS METHOD: CELL</p> <p>ASSIGNMENT: RESERVE NAME: "ROSEMARY" JUDITH JONES KI4QBZ METHOD: CELL</p> <p>ASSIGNMENT: RESERVE NAME: RANDY CARTER N4AYS METHOD: CELL</p> <p>ASSIGNMENT: RESERVE NAME: GORDON GIBBY KX4Z METHOD: CELL</p>
WEDNESDAY 11/09/2022 4:00PM	EOC AND TWO SHELTERS STAFFED.

**After Action Report
Improvement Planning**

**Alachua County AUXCOMM Volunteers
2022 Combined Hurricane Ian & TS Nicole**

WEDNESDAY 11/09/2022 5:00PM	HOURLY VHF VOICE NET ACTIVATED. VARA FM MESSAGE TRAFFIC SENT TO EOC AS PROOF OF CONCEPT.
THURSDAY 11/10/2022 4:00PM	SHELTERS DEMOBILIZED. EOC AUXCOMM VOLUNTEERS REMOBILIZED.

APPENDIX D

DOCUMENTATION

All documentation is filed at <https://qsl.net/nf4rc/2022/2022Hurricanes/>

For example, this document is filed at: https://qsl.net/nf4rc/2022/2022Hurricanes/2022_Combined_Hurricane_IAN_TS_Nicole_AAR_IP_221128.pdf
