



Pinellas County Hurricane Amaranth Exercise ACS Exercise Evaluation Guide for EOC Radio Room

19 May 2022 Revision REV (A)

Abstract

This document is used by exercise evaluators to document and score the performance of ACS Radio Operators (RADOs) during a simulated deployment to the Pinellas County EOC Radio Room. This exercise is a component of the Pinellas County Hurricane Amaranth exercise and is sponsored by the Pinellas County department of emergency management.

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Record of Changes

REVISION	DESCRIPTION	DATE
REV (-)	Initial Release	04/28/2022
REV (A)	<ul style="list-style-type: none">• Corrected minor formatting and spelling issues• Added Creative Commons copyright.	19 May 2022

Exercise Evaluation Guide For EOC Radio Room

Exercise Name: Pinellas County Hurricane Amaranth Exercise

Exercise Date: 1 May 2022 – 3 May 2022

Organization: Pinellas County Auxiliary Communications Service

Venue: Pinellas County EOC Radio Room

1.1 EXERCISE OBJECTIVE:

- a. During a simulated hurricane activation of the Pinellas County Emergency Operations Center (EOC), the Pinellas County Auxiliary Communications Service (ACS) will establish and maintain voice and Winlink digital Very High Frequency (VHF) radio networks that support the exchange of information between the EOC and simulated emergency evacuation shelters. Network establishment, network management, resource deployment, and demobilization will be performed in accordance with ACS standard operating procedures.
- b. During a simulated hurricane activation of the Pinellas County EOC, Pinellas ACS will establish and maintain VHF/ Ultra High Frequency (UHF) radio and telephonic voice landline networks that support resource management and tactical message exchanges between Pinellas County municipalities, deployed ACS resources, and the Pinellas County EOC. Network establishment, network management, resource deployment, and demobilization will be performed in accordance with ACS standard operating procedures.

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- c. During a simulated hurricane activation of the Pinellas County EOC, Pinellas ACS Radio Operators (RADOs) located at the EOC will exchange tactical and formal message traffic with the state of Florida EOC using amateur voice and Winlink digital radio networks; SHARES voice and SHARES Winlink digital radio networks; and EMnet, MSAT, and TracStar voice satellite networks. Each message exchange will be conducted in accordance with ACS standard operating procedures.
- d. During a simulated hurricane activation of the Pinellas County EOC, Pinellas ACS RADOs located at the EOC will exchange tactical and formal message traffic with Pinellas ACS RADOs located at simulated emergency evacuation shelters using both voice and Winlink digital radio networks. Each message exchange will be conducted in accordance with ACS standard operating procedures.

1.2 CORE CAPABILITY: OPERATIONAL COMMUNICATIONS

Ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available, among and between affected communities in the impact area and all response forces.

1.3 ORGANIZATIONAL CAPABILITY TARGETS

The following capability targets have been established for Pinellas ACS.

1.3.1 Organizational Capability Target 1.

Within 1 Hour of EOC activation in support of an incident with potential impacts to county communication systems, manage the activation and deployment of ACS resources to locations activated by the Pinellas County Department of Emergency Management.

1.3.1.1 Critical Tasks

- a. ACS Radio Officer (RO)/Deputy RO notifies the ACS membership of ACS activation using Pinellas Alert, text, and phone messaging systems.

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- b. ACS RO/Deputy RO assigns ACS resources to activated deployment locations.
- c. Distribute ACS shelter radio kits on an as needed basis.
- d. Establish and maintain inventory control of all deployed ACS shelter radio kits and resources.
- e. Track ACS members in route to and from deployment locations to verify safe arrival.
- f. Develop and distribute to the ACS membership an incident specific ICS 205.

1.3.1.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. Position Task Book (PTB) for the Position of Auxiliary Communicator (AUXC)

1.3.2 Organizational Capability Target 2.

Within 2 hours of ACS Activation, establish VHF/UHF radio and telephonic voice landline networks that support resource management and tactical message exchanges between **TBD** Pinellas County municipalities, deployed ACS resources, and the Pinellas County EOC. Network communications is maintained for the duration of a 72-hour incident.

1.3.2.1 Critical Tasks

- a. EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.
- c. EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).

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- d. EOC ACS RADO establishes the ACS Tactical-Resource net and assumes the role of net control.
- e. EOC ACS RADO establishes and maintains VHF amateur radio voice communications with deployed ACS resources and Pinellas County municipalities.
- f. EOC ACS RADO establishes and maintains UHF voice communications with Pinellas County municipalities using the Pinellas County 800-MHz trunked radio system.
- g. EOC ACS RADO maintains site-specific ICS 214, ICS 309, and net control logs throughout the activation period.
- h. EOC ACS RADO sends and receives message traffic, both tactical and formal, with deployed ACS resources and Pinellas County municipalities using VHF amateur radio, 800-MHz radio, and telephonic landline networks.

1.3.2.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. Incident specific ICS 205
- c. PTB for the Position of Auxiliary Communicator

1.3.3 Organizational Capability Target 3.

Within 2 hours of ACS Activation, establish a VHF radio voice network that supports the exchange of information between **TBD** Pinellas County emergency evacuation shelters and the Pinellas County EOC. Network communications is maintained for the duration of a 72-hour incident.

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1.3.3.1 Critical Tasks

- a. EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.
- c. EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).
- d. EOC ACS RADO establishes the ACS VHF shelter net and assumes the role of net control.
- e. EOC ACS RADO establishes and maintains VHF voice communications with each activated shelter.
- f. EOC ACS RADO maintains a site-specific ICS 214, ICS 309, and net control log throughout the activation period.
- g. EOC ACS RADO sends and receives message traffic, both tactical and formal, with each activated shelter using a VHF voice radio network.

1.3.3.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. Pinellas County ACS/ARES® Emergency Shelter Plan and Standard Operating Procedures
- c. Incident specific ICS 205
- d. PTB for the Position of Auxiliary Communicator

1.3.4 Organizational Capability Target 4.

Within 2 hours of ACS Activation, establish a VHF radio Winlink data network that supports the exchange of information between **TBD** Pinellas County special needs emergency evacuation shelters and the Pinellas County EOC. Network communications is maintained for the duration of a 72-hour incident.

1.3.4.1 Critical Tasks

- a. EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.
- c. EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).
- d. EOC ACS RADO establishes the ACS VHF Winlink data net and assumes the role of net control.
- e. EOC ACS RADO establishes and maintains VHF Winlink data communications with each activated special needs shelter.
- f. EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.
- g. EOC ACS RADO sends and receives message traffic, both tactical and formal, with each activated special needs shelter using a VHF Winlink data radio network.

1.3.4.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures

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- b. Pinellas County ACS/ARES® Emergency Shelter Plan and Standard Operating Procedures
- c. Incident specific ICS 205
- d. PTB for the Position of Auxiliary Communicator

1.3.5 Organizational Capability Target 5.

Within 2 Hours of ACS Activation, establish High Frequency (HF) voice and data networks that support the exchange of information between the Pinellas County EOC and the state of Florida EOC using amateur radio equipment and frequencies. Network communications is maintained for the duration of a 72-hour incident.

1.3.5.1 Critical Tasks

- a. EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.
- c. EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).
- d. EOC ACS RADO establishes and maintains HF voice and HF Winlink data communications with the state of Florida EOC.
- e. EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.
- f. EOC ACS RADO sends and receives message traffic, both tactical and formal, with the state of Florida EOC using HF voice and HF Winlink data radio networks.

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1.3.5.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. Incident specific ICS 205
- c. PTB for the Position of Auxiliary Communicator

1.3.6 Organizational Capability Target 6.

Within 2 Hours of ACS Activation, establish HF voice and data networks that support the exchange of information between the Pinellas County EOC and the state of Florida EOC using amateur radio equipment and SHARES radio frequencies. Network communications is maintained for the duration of a 72-hour incident.

1.3.6.1 Critical Tasks

- a. EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.
- c. EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).
- d. EOC ACS RADO establishes and maintains SHARES voice and SHARES Winlink data communications with the state of Florida EOC.
- e. EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.

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- f. EOC ACS RADO sends and receives message traffic, both tactical and formal, with the state of Florida EOC using SHARES voice and SHARES Winlink data radio networks.

1.3.6.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. Incident specific ICS 205
- c. SHARES **TBD**
- d. PTB for the Position of Auxiliary Communicator

1.3.7 Organizational Capability Target 7.

Within 2 Hours of ACS activation, establish satellite voice communications with the state of Florida EOC using the EMnet (Alert and Notification System), MSAT (Satellite Radio Dispatch and Telephone system), and TracStar systems.

1.3.7.1 Critical Tasks

- a. EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.
- c. EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).
- d. EOC ACS RADO establishes and maintains EMnet voice communications with the state of Florida EOC.

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- e. EOC ACS RADO establishes and maintains MSAT voice communications with the state of Florida EOC.
- f. EOC ACS RADO unpacks, transports, and installs a TracStar satellite antenna system onto the roof of the EOC.
- g. EOC ACS RADO establishes and maintains TracStar voice communications with the state of Florida EOC.
- h. EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.
- i. EOC ACS RADO sends and receives message traffic, both tactical and formal, with the state of Florida EOC using EMnet, MSAT, and TracStar voice networks.

1.3.7.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. **TBD**
- c. PTB for the Position of Auxiliary Communicator

1.3.8 Organizational Capability Target 8.

Within 3 hours of ACS deactivation, notify all deployed ACS resources of ACS deactivation, manage material resources returned to the Pinellas County EOC, deliver incident specific documentation to ACS leadership, and demobilize resources.

1.3.8.1 Critical Tasks

- a. EOC ACS RADO notifies all net stations that ACS is being deactivated.
- b. EOC ACS RADO tracks status of deployed resources until each resource is reported home safe.
- c. ACS Logistics Officer inventories, documents discrepancies, and stores shelter radio kits and resources returned to the EOC during demobilization.

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- d. EOC ACS RADO finalizes the site ICS 214, ICS 309, and net control logs; secures a copy of all formal messages exchanged during the activation event and a copy of the event's ICS documentation package (e.g., ICS 201, ICS 205, elements of Incident Action Plan, etc.); and delivers station records to the Pinellas ACS Admin Officer.
- e. EOC ACS RADO deinstalls, packs, transports, and stores the TracStar satellite antenna system.
- f. EOC ACS RADO returns home and notifies ACS RO upon safe arrival.

1.3.8.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. Pinellas County ACS/ARES® Emergency Shelter Plan and Standard Operating Procedures
- c. Incident specific ICS 205
- d. PTB for the Position of Auxiliary Communicator

1.4 EXERCISE EVALUATION GUIDE (EEG) SCORE SHEETS

The Task IDs shown on each EEG score sheet uniquely identify each critical task scheduled for evaluation during the exercise. Each ID has three component parts. The first character identifies the EEG containing the critical task and is assigned one of three values.

- a. **E**: EOC Radio Room EEG
- b. **S**: Emergency Evacuation Shelter EEG
- c. **D**: Incident Communications Center (Deployable resource) EEG

The next three characters identify the Organizational Capability Target (**CT**) number within the EEG while the final two characters identify the Critical Task (**T**) number associated with the capability target. Refer to Figure 1 for an example.

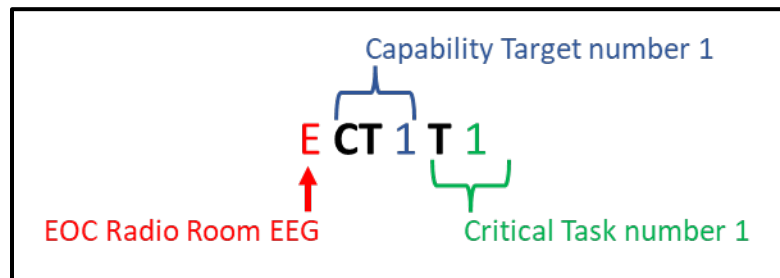


Figure 1. EEG Task Identifier

1.4.1 Organizational Capability Target 1.

Within 1 Hour of EOC activation in support of an incident with potential impacts to county communication systems, manage the activation and deployment of ACS resources to locations activated by the Pinellas County Department of Emergency Management.

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Table I. EEG Score Sheet – EOC RADO Capability Target 1

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT1T1	ACS RO/Deputy RO notifies the ACS membership of ACS activation using Pinellas Alert, text, and phone messaging systems.		Text and email alerts authored by the ACS RO and generated by the Everbridge system were clear and unambiguous.	P
ECT1T2	ACS RO/Deputy RO assigns ACS resources to activated deployment locations.			P
ECT1T3	Distribute ACS shelter radio kits on an as needed basis.		The procedure used to document the distribution and demobilization of shelter radio kits was unique to the exercise and may not be extensible to a large-scale activation event.	S
ECT1T4	Establish and maintain inventory control of all deployed ACS shelter radio kits and resources.		Only a limited number of shelter radio kits have been inventoried, tested for operational status, and updated with the latest frequency code plug.	S

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Table I. EEG Score Sheet – EOC RADO Capability Target 1

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT1T5	Track ACS members in route to and from deployment locations to verify safe arrival.		Departure and arrival information used to track the status of deployed resources is incomplete. EOC logs do not indicate if EOC team attempted to contact deployed teams returning to EOC that may have been late. The lack of a net control log made tracking more difficult.	S
ECT1T6	Develop and distribute to the ACS membership an incident specific ICS 205.	2b.6	ICS 205 for operational period one and operational period two were incorporated into associated IAPs and distributed to the membership.	P
Final Capability Target Rating:				S

1.4.2 Organizational Capability Target 2.

Within 2 hours of ACS Activation, establish VHF/UHF radio and telephonic voice landline networks that support resource management and tactical message exchanges between **TBD** Pinellas County municipalities, deployed ACS resources, and the Pinellas County EOC. Network communications is maintained for the duration of a 72-hour incident.

NOTE: The 800MHz P25 radio system installed in the EOC radio room was not scheduled for test during the exercise. Connectivity testing with Pinellas County municipalities was allocated to the simulated ICC sites.

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Table II. EEG Score Sheet – EOC RADO Capability Target 2

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT2T1	EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.	2a.1, 2a.2, 2a.3, 2a.4	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT2T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.		Many of the ACS members listed in the Everbridge system did not acknowledge receipt of the text or email alerts. However, all ACS members participating in the exercise acknowledged receipt of alerts and notified ACS RO of intention to participate in the exercise.	S
ECT2T3	EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).	2b.1, 2b.2	A documentation package containing incident specific information was provided to the EOC radio room team following operational briefing two.	P
ECT2T4	EOC ACS RADO establishes the ACS Tactical-Resource net and assumes the role of net control.		A stand-alone net control log was not established or maintained for the Tactical-Resource net during the exercise. The lack of a stand-alone log made it more difficult to track the status of individual deployed assets.	S

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Table II. EEG Score Sheet – EOC RADO Capability Target 2

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT2T5	EOC ACS RADO establishes and maintains VHF amateur radio voice communications with deployed ACS resources and Pinellas County municipalities.		The scope of testing during the exercise was limited to deployed ACS resources. The EOC radio room was not scheduled to establish VHF communications with any Pinellas County Municipality.	P
ECT2T6	EOC ACS RADO establishes and maintains UHF voice communications with Pinellas County municipalities using the Pinellas County 800-MHz trunked radio system.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT2T7	EOC ACS RADO maintains site-specific ICS 214, ICS 309, and net control logs throughout the activation period.	5c.1	Message parameters (Message ID, Precedence), form header information, and message transactions missing from ICS 309 logs. ICS 309 forms used to record information better suited for ICS 214. A net control log was not maintained during the exercise.	M
ECT2T8	EOC ACS RADO sends and receives message traffic, both tactical and formal, with deployed ACS resources and Pinellas County municipalities using VHF amateur radio, 800-MHz radio, and telephonic landline networks.		The scope of testing limited message exchanges to deployed ACS resources using VHF amateur radio.	P

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Table II. EEG Score Sheet – EOC RADO Capability Target 2

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
Final Capability Target Rating:				S

1.4.3 Organizational Capability Target 3.

Within 2 hours of ACS Activation, establish a VHF radio voice network that supports the exchange of information between **TBD** Pinellas County emergency evacuation shelters and the Pinellas County EOC. Network communications is maintained for the duration of a 72-hour incident.

Table III. EEG Score Sheet – EOC RADO Capability Target 3

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT3T1	EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.	2a.1, 2a.2, 2a.3, 2a.4	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT3T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.		Many of the ACS members listed in the Everbridge system did not acknowledge receipt of the text or email alerts. However, all ACS members participating in the exercise acknowledged receipt of alerts and	S

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Table III. EEG Score Sheet – EOC RADO Capability Target 3

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
			notified ACS RO of intention to participate in the exercise.	
ECT3T3	EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).	2b.1, 2b.2	A documentation package containing incident specific information was provided to the EOC radio room team following operational briefing two.	P
ECT3T4	EOC ACS RADO establishes the ACS VHF shelter net and assumes the role of net control.		A stand-alone net control log was not established or maintained for the Shelter net during the exercise. The lack of a stand-alone log made it more difficult to track the status of individual deployed assets.	S
ECT3T5	EOC ACS RADO establishes and maintains VHF voice communications with each activated shelter.			P
ECT3T6	EOC ACS RADO maintains a site-specific ICS 214, ICS 309, and net control log throughout the activation period.	5c.1	Message parameters (Message ID, Precedence) and message transactions missing from ICS 309 logs. A net control log was not maintained during the exercise.	M

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Table III. EEG Score Sheet – EOC RADO Capability Target 3

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT3T7	EOC ACS RADO sends and receives message traffic, both tactical and formal, with each activated shelter using a VHF voice radio network.		Formal message traffic was not always recorded on Radiogram forms or information recorded on radiogram was incomplete.	S
Final Capability Target Rating:				S

1.4.4 Organizational Capability Target 4.

Within 2 hours of ACS Activation, establish a VHF radio Winlink data network that supports the exchange of information between **TBD** Pinellas County special needs emergency evacuation shelters and the Pinellas County EOC. Network communications is maintained for the duration of a 72-hour incident.

NOTE: This capability was not evaluated during the exercise.

Table IV. EEG Score Sheet – EOC RADO Capability Target 4

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT4T1	EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.	2a.1, 2a.2, 2a.3, 2a.4	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A

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Table IV. EEG Score Sheet – EOC RADO Capability Target 4

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT4T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT4T3	EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).	2b.1, 2b.2	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT4T4	EOC ACS RADO establishes the ACS VHF Winlink data net and assumes the role of net control.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT4T5	EOC ACS RADO establishes and maintains VHF Winlink data communications with each activated special needs shelter.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT4T6	EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.	5c.1	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A

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Table IV. EEG Score Sheet – EOC RADO Capability Target 4

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT4T7	EOC ACS RADO sends and receives message traffic, both tactical and formal, with each activated special needs shelter using a VHF Winlink data radio network.	4a.1 (part3)	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
Final Capability Target Rating:				N/A

1.4.5 Organizational Capability Target 5.

Within 2 Hours of ACS Activation, establish HF voice and data networks that support the exchange of information between the Pinellas County EOC and the state of Florida EOC using amateur radio equipment and frequencies. Network communications is maintained for the duration of a 72-hour incident.

NOTE: Amateur HF voice communications with the state of Florida EOC was not scheduled or attempted during the exercise.

Table V. EEG Score Sheet – EOC RADO Capability Target 5

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT5T1	EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.	2a.1, 2a.2, 2a.3, 2a.4	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A

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Table V. EEG Score Sheet – EOC RADO Capability Target 5

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT5T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.		Many of the ACS members listed in the Everbridge system did not acknowledge receipt of the text or email alerts. However, all ACS members participating in the exercise acknowledged receipt of alerts and notified ACS RO of intention to participate in the exercise.	S
ECT5T3	EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).	2b.1, 2b.2	A documentation package containing incident specific information was provided to the EOC radio room team following operational briefing two.	P
ECT5T4	EOC ACS RADO establishes and maintains HF voice and HF Winlink data communications with the state of Florida EOC.	4a.1 (part1)	Direct HF voice and digital communications with the state of Florida watch office was not attempted. Winlink messages were exchanged using an HF RMS.	N/A
ECT5T5	EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.	5c.1	A site-specific ICS 214 was not maintained for operational period three. Operational period three was documented within individual IEC 214 documents. A site ICS 309 and Winlink ICS 309s were properly maintained.	S

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Table V. EEG Score Sheet – EOC RADO Capability Target 5

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT5T6	EOC ACS RADO sends and receives message traffic, both tactical and formal, with the state of Florida EOC using HF voice and HF Winlink data radio networks.	4a.1 (part2)	Winlink messages were exchanged using an HF RMS. The Pinellas County EOC sent an ICS 213 to the State of Florida watch office and the watch office sent an informal message to the Pinellas County EOC.	P
Final Capability Target Rating:				S

1.4.6 Organizational Capability Target 6.

Within 2 Hours of ACS Activation, establish HF voice and data networks that support the exchange of information between the Pinellas County EOC and the state of Florida EOC using amateur radio equipment and SHARES radio frequencies. Network communications is maintained for the duration of a 72-hour incident.

NOTE: HF SHARES voice communications with the state of Florida EOC was not scheduled or attempted during the exercise.

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Table VI. EEG Score Sheet – EOC RADO Capability Target 6

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT6T1	EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.	2a.1, 2a.2, 2a.3, 2a.4	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT6T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.		Many of the ACS members listed in the Everbridge system did not acknowledge receipt of the text or email alerts. However, all ACS members participating in the exercise acknowledged receipt of alerts and notified ACS RO of intention to participate in the exercise.	S
ECT6T3	EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).	2b.1, 2b.2	A documentation package containing incident specific information was provided to the EOC radio room team following operational briefing two.	P
ECT6T4	EOC ACS RADO establishes and maintains SHARES voice and SHARES Winlink data communications with the state of Florida EOC.	4a.1 (part1)	Direct SHARES voice and digital communications with the state of Florida watch office was not attempted. Winlink messages were exchanged using SHARES RMS.	N/A

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Table VI. EEG Score Sheet – EOC RADO Capability Target 6

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT6T5	EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.	5c.1	A site-specific ICS 214 was not maintained for operational period three. Operational period three was documented within individual IEC 214 documents. A site ICS 309 and Winlink ICS 309s were properly maintained.	S
ECT6T6	EOC ACS RADO sends and receives message traffic, both tactical and formal, with the state of Florida EOC using SHARES voice and SHARES Winlink data radio networks.	4a.1 (part2)	Winlink messages were exchanged using a SHARES RMS. The Pinellas County EOC sent an ICS 213 to the State of Florida watch office and the watch office sent an informal message to the Pinellas County EOC.	P
Final Capability Target Rating:				S

1.4.7 Organizational Capability Target 7.

Within 2 Hours of ACS activation, establish satellite voice communications with the state of Florida EOC using the EMnet (Alert and Notification System), MSAT (Satellite Radio Dispatch and Telephone system), and TracStar systems.

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Table VII. EEG Score Sheet – EOC RADO Capability Target 7

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT7T1	EOC ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour EOC activation.	2a.1, 2a.2, 2a.3, 2a.4	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
ECT7T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the EOC ACS RADO notifies the ACS RO that he or she is available for activation and accepts the EOC radio room assignment.		Many of the ACS members listed in the Everbridge system did not acknowledge receipt of the text or email alerts. However, all ACS members participating in the exercise acknowledged receipt of alerts and notified ACS RO of intention to participate in the exercise.	S
ECT7T3	EOC ACS RADO obtains incident specific information regarding the deployment from ACS RO/Deputy RO (deployment location, duration, time of arrival, ICS 204, ICS 205, etc.).	2b.1, 2b.2	A documentation package containing incident specific information was provided to the EOC radio room team following operational briefing two.	P
ECT7T4	EOC ACS RADO establishes and maintains EMnet voice communications with the state of Florida EOC.		EMnet satellite system at the state of Florida EOC was inoperative during the exercise period. The EMnet system at the Pinellas County EOC was tested by performing an echo test with the system technical support team and found to be fully operational.	N/A

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Table VII. EEG Score Sheet – EOC RADO Capability Target 7

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT7T5	EOC ACS RADO establishes and maintains MSAT voice communications with the state of Florida EOC.		Limited number of qualified operators.	P
ECT7T6	EOC ACS RADO unpacks, transports, and installs a TracStar satellite antenna system onto the roof of the EOC.			P
ECT7T7	EOC ACS RADO establishes and maintains TracStar voice communications with the state of Florida EOC.		The Trackstar system was unable to acquire satellite lock. After discussing the problem with the Trackstar system service center, it was determined that the earth station equipment at the Pinellas County EOC needed a software upgrade.	U
ECT7T8	EOC ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.	5c.1	A site-specific ICS 214 was not maintained for operational period three. Operational period three was documented within individual IEC 214 documents. A site ICS 309 and was properly maintained.	S
ECT7T9	EOC ACS RADO sends and receives message traffic, both tactical and formal, with the state of Florida EOC using EMnet, MSAT, and TracStar voice networks.		The exchange of traffic was limited to voice connectivity testing.	S

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Table VII. EEG Score Sheet – EOC RADO Capability Target 7

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
Final Capability Target Rating:				S

1.4.8 Organizational Capability Target 8.

Within 3 hours of ACS deactivation, notify all deployed ACS resources of ACS deactivation, manage material resources returned to the Pinellas County EOC, deliver incident specific documentation to ACS leadership, and demobilize resources.

Table VIII. EEG Score Sheet – EOC RADO Capability Target 8

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT8T1	EOC ACS RADO notifies all net stations that ACS is being deactivated.			P
ECT8T2	EOC ACS RADO tracks status of deployed resources until each resource is reported home safe.		Departure and arrival information used to track the status of deployed resources is incomplete. EOC logs do not indicate if EOC team attempted to contact deployed teams returning to EOC that may have been late. The lack of a net control log made tracking more difficult.	S

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Table VIII. EEG Score Sheet – EOC RADO Capability Target 8

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
ECT8T3	ACS Logistics Officer inventories, documents discrepancies, and stores shelter radio kits and resources returned to the EOC during demobilization.		All deployed shelter kits were packed properly and returned to the EOC. The procedure used to document the distribution and demobilization of shelter radio kits was unique to the exercise and may not be extensible to a large-scale activation event.	S
ECT8T4	EOC ACS RADO finalizes the site ICS 214, ICS 309, and net control logs; secures a copy of all formal messages exchanged during the activation event and a copy of the event’s ICS documentation package (e.g., ICS 201, ICS 205, elements of Incident Action Plan, etc.); and delivers station records to the Pinellas ACS Admin Officer.	5c.1	A complete documentation set was provided to the PACS Admin Officer.	P
ECT8T5	EOC ACS RADO deinstalls, packs, transports, and stores the TracStar satellite antenna system.			P
ECT8T6	EOC ACS RADO returns home and notifies ACS RO upon safe arrival.		The EOC Radio Room team remained at the EOC for a hot wash meeting and debrief.	N/A
Final Capability Target Rating:				S

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Evaluator Information
Evaluator Name: <i>Michael H Drake</i>
Evaluator Email: <i>WA1RYQ@ARRL.net</i>
Evaluator Phone:

1.5 RATINGS DEFINITIONS

Performed without Challenges (P)	<p>The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws.</p>
Performed with Some Challenges (S)	<p>The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws. However, opportunities to enhance effectiveness and/or efficiency were identified.</p>
Performed with Major Challenges (M)	<p>The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s), but some or all of the following were observed: demonstrated performance had a negative impact on the performance of other activities; contributed to additional health and/or safety risks for the public or for emergency workers; and/or was not conducted in accordance with applicable plans, policies, procedures, regulations, and laws.</p>
Unable to be Performed (U)	<p>The targets and critical tasks associated with the core capability were not performed in a manner that achieved the objective(s).</p>

Appendix A

A APPENDIX A – ACRONYMS, ABBREVIATIONS, AND DEFINITIONS

A.1 ACRONYMS

The following acronyms are used in this document.

<u>ACRONYM</u>	<u>DEFINITION</u>
ACS	Auxiliary Communication Service
ARES®	Amateur Radio Emergency Service
EEG	Exercise Evaluation Guide
EOC	Emergency Operations Center
HF	High Frequency
HSEEP	Homeland Security Exercise and Evaluation Program
ICS	Incident Command System
PTB	Position Task Book
RO	Radio Officer
UHF	Ultra-High Frequency
VHF	Very-High Frequency

A.2 ABBREVIATIONS

The following abbreviations are used in this document.

<u>ABBREVIATION</u>	<u>DEFINITION</u>
AUXC	Auxiliary Communicator
RADO	Radio Operator

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<u>ABBREVIATION</u>	<u>DEFINITION</u>
MHz	Megahertz
SHARES	Shared Resources