



Pinellas County Hurricane Amaranth Exercise ACS Exercise Evaluation Guide for Incident Communications Center

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 an Incident Communication Center (ICC), ICS staging area, or point of distribution center. 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.	05/19/2022

Exercise Evaluation Guide For Incident Communications Center

Exercise Name: Pinellas County Hurricane Amaranth Exercise

Exercise Date: 1 May 2022 – 3 May 2022

Organization: Pinellas County Auxiliary Communications Service

Venue: Incident Communications Center (ICC), Incident Command System (ICS) staging area, or point of distribution center

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 emplace, configure, operate, and maintain deployable satellite ground stations that provide high speed internet, cellular phone, and Voice over Internet Protocol (VoIP) phone services to collocated emergency management personnel. Resource deployment, equipment operation, and demobilization will be performed in accordance with ACS standard operating procedures.
- b. During a simulated hurricane activation of the Pinellas County EOC, the Pinellas County ACS will emplace, configure, and maintain deployable Communications Command Centers that can support High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF) amateur radio voice and data networks; SHARES voice and data networks; 700 and 800 MHz public safety networks, and maritime VHF radio communications. Resource deployment, equipment

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operation, and demobilization will be performed in accordance with ACS standard operating procedures.

- c. During a simulated hurricane activation of the Pinellas County EOC, the Pinellas County ACS will emplace, configure, and maintain deployable Communications Command Centers that support high speed ethernet and Wi-Fi internet service; and VoIP telephone service to co-located emergency management personnel by using a commercially available cellular service Wide Area Network (WAN) backhaul capability. Resource deployment, equipment operation, and demobilization will be performed in accordance with ACS standard operating procedures.
- d. During a simulated hurricane activation of the Pinellas County EOC, Pinellas ACS Radio Operators (RADOs) located at deployable Communications Control Centers will establish and maintain VHF/UHF amateur radio and 800 MHz Public Safety voice and data networks that support resource management and tactical message exchanges between deployed ACS resources, Pinellas County municipalities, and the Pinellas County EOC. Network establishment, network management, resource deployment, and demobilization will be performed in accordance with ACS standard operating procedures.
- e. During a simulated hurricane activation of the Pinellas County EOC, Pinellas ACS RADOs located at deployable Communications Control Centers will establish and maintain HF amateur voice, HF amateur Winlink, SHARES voice, and SHARES Winlink radio networks that support resource management and tactical message exchanges with the Pinellas County EOC and the state of Florida EOC. Network establishment, network management, resource deployment, and demobilization will be performed 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. For each target, it is the responsibility of the Pinellas County Department of Emergency Management to transport the identified SatRunner™ and CommandRunner™ Compact Rapid Deployable™ (CRD™) units to and from the specified deployment locations.

1.3.1 Organizational Capability Target 1.

Within 30 minutes of arrival at an ICC, ICS staging area, or point of distribution center, emplace and configure a SatRunner™ CRD™ to provide AT&T Firstnet® and Verizon cellular service; high speed ethernet and Wi-Fi internet service; and VoIP telephone service to co-located emergency management personnel by using an embedded Satellite WAN backhaul capability.

Communication and internet services are to be maintained for the duration of a 72-hour incident at locations that provide shelter from the elements but are unable to provide AC power for equipment operation.

1.3.1.1 Critical Tasks

- a. ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS Radio Officer (RO) that he or she is available for activation and accepts the remote activation assignment.

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- c. 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. ACS RADO will emplace and configure the SatRunner™ CRD™ to operate using its gasoline powered AC generator, monitor the operational status of the CRD™ power system, and take corrective action if an error is detected.
- e. ACS RADO configures the SatRunner™ CRD™ to use a SATCOM WAN backhaul circuit, verifies proper satellite WAN connectivity, monitors the operational status of the satellite WAN, and takes corrective action if an error is detected.
- f. ACS RADO configures the SatRunner™ CRD™ to provide AT&T Firstnet® and Verizon cellular service; verifies and monitors the operational status of both cellular net services; and takes corrective action if an error is detected.
- g. ACS RADO configures the SatRunner™ CRD™ to provide highspeed internet, Wi-Fi, and VoIP telephone capabilities to co-located emergency management personnel, verifies and monitors the operational status of each capability, and takes corrective action if an error is detected.
- h. ACS RADO maintains a site-specific ICS 214 throughout the activation period.

1.3.1.2 Source(s):

- a. Pinellas County ACS/ARES® Emergency Communication Plan and Standard Operating Procedures
- b. Incident specific ICS 205
- c. Position Task Book (PTB) for the Position of Auxiliary Communicator (AUXC)
- d. SatRunner™ CRD™ installation and operating procedures document

1.3.2 Organizational Capability Target 2.

Within 1 Hour of ACS and site deactivation, power down; inventory and stow all ancillary equipment; and configure for transport a SatRunner™ CRD™. Once complete, demobilize resources.

1.3.2.1 Critical Tasks

- a. ACS RADO packs, and readies for transport all personal Go-kit material.
- b. ACS RADO powers down; inventories and stows all ancillary equipment; and configures for transport a SatRunner™ CRD™.
- c. ACS RADO finalizes the site ICS 214; secures 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.
- d. ACS RADO returns home and notifies EOC via ACS tactical-resource net of site departure and safe arrival home.

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
- d. SatRunner™ CRD™ installation and operating procedures document

1.3.3 Organizational Capability Target 3.

Within 1 Hour of arrival at an ICC, ICS staging area, or point of distribution center, emplace and configure a CommandRunner™ CRD™ to support Amateur Radio (VHF, UHF, and HF) voice and Winlink Digital networks; SHARES voice and data networks, 700 and 800 MHz public safety networks, and maritime VHF communications. Communication services are to be maintained

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for the duration of a 72-hour incident at locations that provide shelter from the elements but are unable to provide AC power for equipment operation.

1.3.3.1 Critical Tasks

- a. ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation assignment.
- c. 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. ACS RADO will emplace and configure the CommandRunner™ CRD™ to operate using its gasoline powered AC generator, monitor the operational status of the CRD™ power system, and take corrective action if an error is detected.
- e. ACS RADO configures radios and deploys antenna systems that support Amateur Radio (VHF, UHF, and HF) voice and digital networks; SHARES voice and data networks, 700 and 800 MHz public safety networks, and maritime VHF communication.
- f. ACS RADO configures CRD™ computer systems and Terminal Node Controllers (TNCs) to support Winlink digital communications.
- g. ACS RADO maintains a site-specific ICS 214 throughout the activation period.

1.3.3.2 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
- d. CommandRunner™ CRD™ installation and operating procedures document

- e. SHARES **TBD**

1.3.4 Organizational Capability Target 4.

Within 1 Hour of arrival at an ICC, ICS staging area, or point of distribution center, emplace and configure a CommandRunner™ CRD™ to support high speed ethernet and Wi-Fi internet service and VoIP telephone service to co-located emergency management personnel by using a commercially available cellular service WAN backhaul capability. Communication services are to be maintained for the duration of a 72-hour incident at locations that provide shelter from the elements but are unable to provide AC power for equipment operation.

1.3.4.1 Critical Tasks

- a. ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation assignment.
- c. 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. ACS RADO will emplace and configure the CommandRunner™ CRD™ to operate using its gasoline powered AC generator, monitor the operational status of the CRD™ power system, and take corrective action if an error is detected.
- e. ACS RADO configures the CommandRunner™ CRD™ to provide highspeed internet, Wi-Fi, and VoIP telephone capabilities to co-located emergency management personnel; verifies and monitors the operational status of each capability; and takes corrective action if an error is detected.
- f. ACS RADO maintains a site-specific ICS 214 throughout the activation period.

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1.3.4.2 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
- d. CommandRunner™ CRD™ installation and operating procedures document

1.3.5 Organizational Capability Target 5.

Within 30 minutes of the CommandRunner™ CRD™ attaining a fully operational status, establish VHF/UHF voice and data networks that support the exchange of information with the deployed ACS resources, Pinellas County municipalities, and the Pinellas County EOC using VHF amateur radio and 800-MHz radio networks. Network communications is maintained for the duration of a 72-hour incident.

1.3.5.1 Critical Tasks

- a. ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation assignment.
- c. 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. ACS RADO establishes and maintains VHF amateur and 800-MHz voice radio networks with deployed ACS resources, Pinellas County municipalities, and the Pinellas County EOC.

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- e. ACS RADO establishes and maintains VHF Winlink data communications with the Pinellas County EOC.
- f. ACS RADO sends and receives voice message traffic, both tactical and formal, with deployed ACS resources, Pinellas County municipalities, and the Pinellas County EOC using VHF amateur radio and 800-MHz radio networks.
- g. ACS RADO sends and receives digital message traffic, both tactical and formal, with the Pinellas EOC using a VHF Winlink data network.
- h. ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.

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
- d. CommandRunner™ CRD™ installation and operating procedures document

1.3.6 Organizational Capability Target 6.

Within 30 minutes of the CommandRunner™ CRD™ attaining a fully operational status, establish HF voice and data networks that support the exchange of information with the Pinellas County EOC and state of Florida EOC using amateur radio equipment and frequencies. Network communications is maintained for the duration of a 72-hour incident.

1.3.6.1 Critical Tasks

- a. ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site activation.

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- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation assignment.
- c. 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. ACS RADO establishes and maintains HF voice and HF Winlink data communications with the Pinellas County EOC and state of Florida EOC.
- e. ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.
- f. ACS RADO sends and receives message traffic, both tactical and formal, with the Pinellas County EOC and state of Florida EOC using HF voice and HF 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. PTB for the Position of Auxiliary Communicator
- d. CommandRunner™ CRD™ installation and operating procedures document

1.3.7 Organizational Capability Target 7.

Within 30 minutes of the CommandRunner™ CRD™ attaining a fully operational status, establish HF voice and data networks that support the exchange of information with the Pinellas County EOC and state of Florida EOC using amateur radio equipment and SHARES radio frequencies. Network communications is maintained for the duration of a 72-hour incident.

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1.3.7.1 Critical Tasks

- a. ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site activation.
- b. When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation assignment.
- c. 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. ACS RADO establishes and maintains SHARES voice and SHARES Winlink data communications with the Pinellas County EOC and state of Florida EOC.
- e. ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.
- f. ACS RADO sends and receives message traffic, both tactical and formal, with the Pinellas County EOC and state of Florida EOC using SHARES voice and SHARES Winlink data radio networks.

1.3.7.2 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
- d. CommandRunner™ CRD™ installation and operating procedures document
- e. SHARES **TBD**

1.3.8 Organizational Capability Target 8.

Within 1 Hour of ACS and site deactivation, power down; inventory and stow all ancillary equipment; and configure for transport a CommandRunner™ CRD™. Once complete, demobilize resources.

1.3.8.1 Critical Tasks

- a. ACS RADO packs, and readies for transport all personal Go-kit material.
- b. ACS RADO powers down; inventories and stows all ancillary equipment; and configures for transport a CommandRunner™ CRD™.
- c. ACS RADO finalizes the site ICS 214 and ICS 309; secures 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.
- d. ACS RADO returns home and notifies Pinellas EOC via ACS tactical-resource net of site departure and safe arrival home.

1.3.8.2 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
- d. CommandRunner™ CRD™ installation and operating procedures document

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.

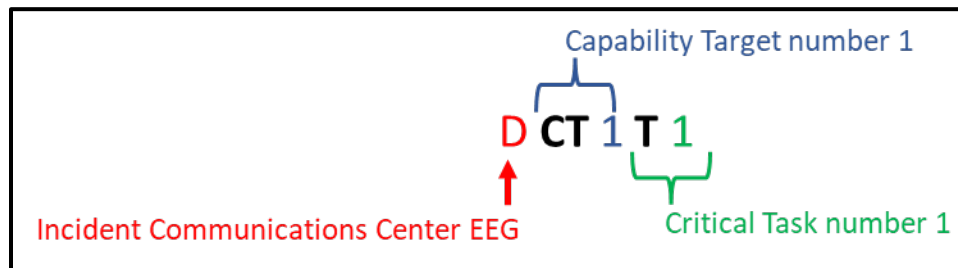


Figure 1. EEG Task Identifier

1.4.1 Organizational Capability Target 1.

Within 30 minutes of arrival at an ICC, ICS staging area, or point of distribution center, emplace and configure a SatRunner™ CRD™ to provide AT&T Firstnet® and Verizon cellular service; high speed ethernet and Wi-Fi internet service; and VoIP telephone service to

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co-located emergency management personnel by using an embedded Satellite WAN backhaul capability. Communication and internet services are to be maintained for the duration of a 72-hour incident at locations that provide shelter from the elements but are unable to provide AC power for equipment operation.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT1T1	ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site 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
DCT1T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation 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
DCT1T3	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 each ICC team following operational briefing two.	P

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT1T4	ACS RADO will emplace and configure the SatRunner™ CRD™ to operate using its gasoline powered AC generator, monitor the operational status of the CRD™ power system, and take corrective action if an error is detected.	5a.1	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT1T5	ACS RADO configures the SatRunner™ CRD™ to use a SATCOM WAN backhaul circuit, verifies proper satellite WAN connectivity, monitors the operational status of the satellite WAN, and takes corrective action if an error is detected.	4a.3(part1), 5a.1	<p>The default configuration of the Cradlepoint™ modem within the SatRunner™ CRD™ is designed to prioritize local internet, Wi-Fi, and cellular service for WAN backhaul services. The satellite service will only be used if all the higher priority services are unavailable. During the exercise, both Wi-Fi and local cellular services were available, and the ICC teams were directed <u>not</u> to reconfigure the Cradlepoint™ modem.</p> <p>ICC teams verified satellite acquisition and connectivity.</p>	P

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT1T6	ACS RADO configures the SatRunner™ CRD™ to provide AT&T Firstnet® and Verizon cellular service; verifies and monitors the operational status of both cellular net services; and takes corrective action if an error is detected.	4a.3 (part1)	The SatRunner™ CRD™ at the Tropicana Field site was designed to only support AT&T Firstnet®.	P
DCT1T7	ACS RADO configures the SatRunner™ CRD™ to provide highspeed internet, Wi-Fi, and VoIP telephone capabilities to co-located emergency management personnel, verifies and monitors the operational status of each capability, and takes corrective action if an error is detected.	4a.3 (part1)		P
DCT1T8	ACS RADO maintains a site-specific ICS 214 throughout the activation period.	5c.1	The ICS 214 site activity logs at both ICC sites were well maintained with only very minor issues identified.	P
Final Capability Target Rating:				P

1.4.2 Organizational Capability Target 2.

Within 1 Hour of ACS and site deactivation, power down; inventory and stow all ancillary equipment; and configure for transport a SatRunner™ CRD™. Once complete, demobilize resources.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT2T1	ACS RADO packs, and readies for transport all personal Go-kit material.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT2T2	ACS RADO powers down; inventories and stows all ancillary equipment; and configures for transport a SatRunner™ CRD™.		A cooling fan with the SatRunner™ CRD™ assigned to the Tyrone Mall ICC team continued to operate after the main power switch was set to off. To shut down the fan and prevent the internal battery from being discharged, the system breakers for the CRD™ had to be turned off.	P
DCT2T3	ACS RADO finalizes the site ICS 214; secures 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	The ICS 214 site activity logs at both ICC sites were well maintained with only very minor issues identified.	P
DCT2T4	ACS RADO returns home and notifies EOC via ACS tactical-resource net of site departure and safe arrival home.		Each ICC team returned to the EOC for a hot wash meeting and debrief. Each team properly notified the EOC when they departed the ICC site.	N/A
Final Capability Target Rating:				P

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1.4.3 Organizational Capability Target 3.

Within 1 Hour of arrival at an ICC, ICS staging area, or point of distribution center, emplace and configure a CommandRunner™ CRD™ to support Amateur Radio (VHF, UHF, and HF) voice and Winlink Digital networks; SHARES voice and data networks, 700 and 800 MHz public safety networks, and maritime VHF communications. Communication services are to be maintained for the duration of a 72-hour incident at locations that provide shelter from the elements but are unable to provide AC power for equipment operation.

NOTE: HF Amateur, SHARES, and maritime radio terminals were not scheduled for use during the exercise and were not energized or configured for operation.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT3T1	ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site 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
DCT3T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation 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

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT3T3	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
DCT3T4	ACS RADO will emplace and configure the CommandRunner™ CRD™ to operate using its gasoline powered AC generator, monitor the operational status of the CRD™ power system, and take corrective action if an error is detected.	5a.1	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT3T5	ACS RADO configures radios and deploys antenna systems that support Amateur Radio (VHF, UHF, and HF) voice and digital networks; SHARES voice and data networks, 700 and 800 MHz public safety networks, and maritime VHF communication.	4a.2(part2), 4a.3(part1), 5a.1	HF Amateur, SHARES, and maritime radio terminals were not scheduled for use during the exercise and were not energized or configured for operation. The exercise limited antenna deployment to VHF and UHF systems.	P
DCT3T6	ACS RADO configures CRD™ computer systems and TNCs to support Winlink digital communications.		The CommandRunner™ CRD™ located at the Tropicana Field site was not designed with an embedded computer system. A personal laptop was used to support Winlink digital communications.	P

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT3T7	ACS RADO maintains a site-specific ICS 214 throughout the activation period.	5c.1	The ICS 214 site activity logs at both ICC sites were well maintained with only very minor issues identified.	P
Final Capability Target Rating:				P

1.4.4 Organizational Capability Target 4.

Within 1 Hour of arrival at an ICC, ICS staging area, or point of distribution center, emplace and configure a CommandRunner™ CRD™ to support high speed ethernet and Wi-Fi internet service; and VoIP telephone service to co-located emergency management personnel by using a commercially available cellular service WAN backhaul capability. Communication services are to be maintained for the duration of a 72-hour incident at locations that provide shelter from the elements but are unable to provide AC power for equipment operation.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT4T1	ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site 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 – ACS RADO Capability Target 4

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT4T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation 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
DCT4T3	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
DCT4T4	ACS RADO will emplace and configure the CommandRunner™ CRD™ to operate using its gasoline powered AC generator, monitor the operational status of the CRD™ power system, and take corrective action if an error is detected.	5a.1	This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT4T5	ACS RADO configures the CommandRunner™ CRD™ to provide highspeed internet, Wi-Fi, and VoIP telephone capabilities to co-located emergency management personnel; verifies and monitors the operational status of each capability; and takes corrective action if an error is detected.	4a.3(part1), 5a.1		P

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT4T6	EOC ACS RADO maintains a site-specific ICS 214 throughout the activation period.	5c.1	The ICS 214 site activity logs at both ICC sites were well maintained with only very minor issues identified.	P
Final Capability Target Rating:				P

1.4.5 Organizational Capability Target 5.

Within 30 minutes of the CommandRunner™ CRD™ attaining a fully operational status, establish VHF/UHF voice and data networks that support the exchange of information with the deployed ACS resources, Pinellas County municipalities, and the Pinellas County EOC using VHF amateur radio and 800-MHz radio networks. Network communications is maintained for the duration of a 72-hour incident.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT5T1	ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site 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 – ACS RADO Capability Target 5

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT5T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation 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
DCT5T3	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
DCT5T4	ACS RADO establishes and maintains VHF amateur and 800-MHz voice radio networks with deployed ACS resources, Pinellas County municipalities, and the Pinellas County EOC.		Connectivity testing with the 29 Pinellas County municipalities was divided between the two ICC teams. Discrepancies were found in the contact information. VoIP and 800MHz contacts were successfully completed with 20 municipalities. No VHF Amateur contacts were completed. All ICC systems were demonstrated to be fully functional.	S

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT5T5	ACS RADO establishes and maintains VHF Winlink data communications with the Pinellas County EOC.		<p>The CommandRunner™ CRD™ located at the Tropicana Field site was not designed with a VHF radio that would support VHF digital communications. The operators at the Tropicana Field site used telnet for Winlink communications.</p> <p>All digital communications between the Tyrone Mall site and the EOC used VaraFM. Winlink messages were sent to the VHF RMS located at the EOC.</p>	P
DCT5T6	ACS RADO sends and receives voice message traffic, both tactical and formal, with deployed ACS resources, Pinellas County municipalities, and the Pinellas County EOC using VHF amateur radio and 800-MHz radio networks.		<p>The scope of testing for the exercise was limited to connectivity testing with the Pinellas County Municipalities.</p> <p>All voice message traffic was exchanged with the EOC radio room using VHF amateur radio. The exercise did not incorporate message exchanges between ICC and shelter teams.</p>	S

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT5T7	ACS RADO sends and receives digital message traffic, both tactical and formal, with the Pinellas EOC using a VHF Winlink data network.		<p>The CommandRunner™ CRD™ located at the Tropicana Field site was not designed with a VHF radio that would support VHF digital communications. The operators at the Tropicana Field site used telnet for Winlink communications.</p> <p>All digital communications between the Tyrone Mall site and the EOC used VaraFM. Winlink messages were sent to the VHF RMS located at the EOC.</p>	P
DCT5T8	ACS RADO maintains a site-specific ICS 214 and ICS 309 throughout the activation period.	5c.1	<p>The ICS 214 site activity logs at both ICC sites were well maintained with only very minor issues identified.</p> <p>The ICS 309s maintained by both sites were generally complete; however, some missing information was observed.</p> <p>Both sites generated Winlink ICS 309 documents that were complete.</p>	S
Final Capability Target Rating:				S

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1.4.6 Organizational Capability Target 6.

Within 30 minutes of the CommandRunner™ CRD™ attaining a fully operational status, establish HF voice and data networks that support the exchange of information with the Pinellas County EOC and state of Florida EOC using amateur radio equipment and frequencies. Network communications is maintained for the duration of a 72-hour incident.

NOTE: HF Amateur and SHARES radio terminals were not scheduled for use during the exercise and were not energized or configured for operation.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT6T1	ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site 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
DCT6T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation assignment.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT6T3	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

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT6T4	ACS RADO establishes and maintains HF voice and HF Winlink data communications with the Pinellas County EOC and state of Florida EOC.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT6T5	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
DCT6T6	ACS RADO sends and receives message traffic, both tactical and formal, with the Pinellas County EOC and state of Florida EOC using HF voice and HF Winlink data radio networks.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
Final Capability Target Rating:				N/A

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1.4.7 Organizational Capability Target 7.

Within 30 minutes of the CommandRunner™ CRD™ attaining a fully operational status, establish HF voice and data networks that support the exchange of information with the Pinellas County EOC and 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 Amateur and SHARES radio terminals were not scheduled for use during the exercise and were not energized or configured for operation.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT7T1	ACS RADO obtains, assembles, and prepares the material for a personal Go-Kit that will support a 72-hour remote site 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
DCT7T2	When notified of ACS activation (Pinellas Alert, Email, text, or phone), the ACS RADO notifies the ACS RO that he or she is available for activation and accepts the remote activation assignment.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT7T3	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

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT7T4	ACS RADO establishes and maintains SHARES voice and SHARES Winlink data communications with the Pinellas County EOC and state of Florida EOC.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT7T5	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
DCT7T6	ACS RADO sends and receives message traffic, both tactical and formal, with the Pinellas County EOC and state of Florida EOC using SHARES voice and SHARES Winlink data radio networks.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
Final Capability Target Rating:				N/A

1.4.8 Organizational Capability Target 8.

Within 1 Hour of ACS and site deactivation, power down; inventory and stow all ancillary equipment; and configure for transport a CommandRunner™ CRD™. Once complete, demobilize resources.

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

Task ID	Critical Task	AUXC PTB Item	Observation Notes and Explanation of Rating	Target Rating
DCT8T1	ACS RADO packs, and readies for transport all personal Go-kit material.		This task will not be evaluated during the May 2022 Pinellas County Hurricane Amaranth Exercise.	N/A
DCT8T2	ACS RADO powers down; inventories and stows all ancillary equipment; and configures for transport a CommandRunner™ CRD™.		The main power switches within the CommandRunner™ CRD™ at the Tyrone Mall site had not been secured during the demobilization phase of the exercise. This caused the internal battery to fully discharge. It was also noted the power switch was not illuminated.	S
DCT8T3	ACS RADO finalizes the site ICS 214 and ICS 309; secures 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	Each ICC site returned a complete package of documentation to the Pinellas ACS Admin Officer.	P
DCT8T4	ACS RADO returns home and notifies Pinellas EOC via ACS tactical-resource net of site departure and safe arrival home.		Each ICC team returned to the EOC for a hot wash meeting and debrief. Each team properly notified the EOC when they departed the ICC site.	N/A
Final Capability Target Rating:				S

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Evaluator Information
Evaluator Name: <i>Michael H Drake</i>
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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
CRD™	Compact Rapid Deployable™
EEG	Exercise Evaluation Guide
EOC	Emergency Operations Center
HF	High Frequency
HSEEP	Homeland Security Exercise and Evaluation Program
IACC	Incident Auxiliary Communications Center
ICC	Incident Communications Center
ICS	Incident Command System
PTB	Position Task Book
RO	Radio Officer
TNC	Terminal Node Controllers
UHF	Ultra-High Frequency
VHF	Very-High Frequency
VoIP	Voice over Internet Protocol
WAN	Wide Area Network

A.2 ABBREVIATIONS

The following abbreviations are used in this document.

<u>ABBREVIATION</u>	<u>DEFINITION</u>
AUXC	Auxiliary Communicator
RADO	Radio Operator
MHz	Megahertz
SHARES	Shared Resources
SATCOM	Satellite Communications