NATIONAL INCIDENT MANAGEMENT SYSTEM
INCIDENT COMMAND SYSTEM

Incident Action Plan

RI ARES Simulated Emergency Test 2023

October 21, 2023 1000 Local
to
October 22, 2023 2200 Local

v1.1 Updated 2023/10/18 JT

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: RI ARES Simulated Emergency Test 2023	2. Operational Period: Date From: 10/21/2023 Date To: 10/22/2023 Time From: 10:00 Local Time To: 22:00 Local

3. Objective(s):

1.) Receive local airport weather information on the VHF-AM Aviation Band.
2.) Transcribe weather information received for later reporting.
3.) Report the weather information received via HF Net, VHF Net, or via Winlink message to K1JST

4. Operational Period Command Emphasis:

Amateur Radio operators will attempt to receive local airport weather broadcasts in the **VHF-AM Aviation Band** from 119-136 MHz. A list of local airport weather frequencies is provided in this IAP. Members may elect to establish a temporary station at an advantageous position in order to improve their chances of receiving one or more airports.

Operators who are able to receive these reports will transcribe the weather reports so that they may be reported to US Army MARS.

Operators who are unable to receive airport weather reports are requested to report that fact, along with their location, in order to alert authorities to any airports that may not be operational or that may have degraded weather reporting capabilities.

Operators will check-in to ARES nets to pass the weather reports to any MARS operator on the Net, or to Net Control who will aggregate these into a book of reports that can be passed to US Army MARS operators. Operators may also send these reports via WinLink message addressed to K1JST at any time during the exercise period.

General Situational Awareness

Repeated patterns of wet weather have been experienced throughout New England, leaving soils saturated and incapable of absorbing additional rainfall. Several instances of flooding have already led to road washouts impacting the transportation sector.
The first arctic cold front of the season approaches with a large pressure differential producing a sudden onset of high winds. With root systems already weakened in soft soil, large numbers of trees are felled throughout the region. Multiple roads become impassable.
Wire and cable damage has led to degradation of the Public Switched Telephone, internet and cellular networks. Calls placed without GETS/WPS are taking up to one hour to complete. Limited internet access is available in some areas, with other areas suffering extended outages. High demand for limited internet has made VoIP communications impossible.
Resource requests for high priority items are ready to transport via air to local airports but with no ability to receive local weather conditions at those airports ARES has been tasked with reporting local airport weather information.

5. Site Safety Plan Required? Yes ☐ No ☑
Approved Site Safety Plan(s) Located at:

6. Incident Action Plan (the items checked below are included in this Incident Action Plan)**:**

☐ ICS 203	☐ ICS 207	Other Attachments:
☑ ICS 204	☐ ICS 208	☑ ICS-217 Comm. Availability Worksheet
☑ ICS 205	☐ Map/Chart	☑ ICS-230-AR Daily Net Schedule
☐ ICS 205A	☐ Weather Forecast/Tides/Currents	☑ ICS-213 General Message Template
☐ ICS 206	☑ ICS 211p-AR	☑ HF/VHF Net Procedural Scripts

7. Prepared by: Jeremy Taylor, ASEC, RI ARES

8. Approved by Incident Commander: Name: _____ Signature: _____

ASSIGNMENT LIST (ICS 204)

1. Incident Name: RI ARES Simulated Emergency Test 2023	2. Operational Period: Date From: 10/21/2023 Date To: 10/22/2023 Time From: 10:00 Local Time To: 22:00 Local	3. Branch: Division: Group: Staging Area:

4. Operations Personnel:

	Name	Contact Number(s)
Section Manager:	Nancy Austin	401-935-3070
Asst SEC:	Jeremy Taylor	401-484-0484
Net Coordinator:	Scott Tillotson	401-659-6941

5. Resources Assigned:

Resource Identifier	Leader	#	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
NCS-HF-SAT 1800	WX1X	1	401-659-6941	80 meter
NCS-V-SAT 1930	K1JST	1	401-484-0484	NB1RI
NCS-HF-SUN 1200	KC1NEK	1	401-935-3070	80 meter
NCS-V-SUN 1400	KC1NEK	1	401-935-3070	NB1RI
NCS-V-SUN 2000	K1JST	1	401-484-0484	NB1RI
NCS-HF-SUN 2100	K1JST	1	401-484-0484	w/ MARS if available

6. Work Assignments:
Net Control Station - Spectrum Range - Day Date

See ICS 205 and ICS 230 for additional details

NCS will call up a Directed Net and maintain control of the net. If MARS operators are available on the net, have the traffic passed directly to them. Otherwise, collect the reports from any stations as well as failure to receive reports. Attempt to collect: Reporting station callsign, airport callsign, report time, wind speed and direction, visibility, sky condition, temperature, dewpoint, altimeter, and remarks. The provided ICS 213 template may be used, but is not required.

7. Special Instructions:

8. Communications (radio and/or phone contact numbers needed for this assignment)**:**

Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
/	
/	
/	
/	

9. Prepared by: Name: _____ Position/Title: _____ Signature: _____

 Date/Time: _____

Incident Radio Communications Plan (ICS 205)

1. Incident Name:	2. Date/Time Prepared:	3. Operational Period:
RI ARES Simulated Emergency Test 2023	Date: Time:	Date From: 10/21/2023 Date To: 10/22/2023 Time From: 10:00 Local Time To: 22:00 Local

4. Basic Radio Channel Use:

Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/ NAC	TX Freq N or W	TX Tone/N AC	Mode (A, D, or M)	Remarks
	1	Support	NB1RI/N1BS N. Providence	RIARES	145.3500 W FM	67.0	144.7500 W FM	67.0	A	See 5A, 5B, 5C and 5D
	2	Support	NB1RI Portsmouth	RI ARES	147.0750 W FM	67.0	147.6750 W FM	67.0	A	See 5A, 5B, 5C and 5D
	3	Support	NB1RI Exeter	RI ARES	146.9850 W FM	67.0	146.3850 W FM	CSQ	A	See 5A, 5B, 5C and 5D
	4	Support	NB1RI Westerly	RI ARES	147.3900 W FM	67.0	147.9900 W FM	67.0	A	See 5A and 5B
	5	Support	NB1RI Cumberland	RI ARES	145.1700 W FM	CSQ	144.5700 W FM	67.0	A	See 5A and 5B
	6	Support	NB1RI Richmond	RI ARES	145.1900 W FM	CSQ	144.5900 W FM	67.0	A	See 5A and 5B
	7	Support	Primary HF	RI ARES	3980 kHz LSB	CSQ	3980 kHz LSB	CSQ	A	See 5E & F
	8	Support	Secondary HF	RI ARES	7280 kHz LSB	CSQ	7280 kHz LSB	CSQ	A	See 5E

5. Special Instructions:

A. Any NB1RI connected repeater may be used if all is working properly. This is the PRIMARY channel assignment

B. In the event that a repeater is offline, switch to a different repeater

C. In the event the NB1RI linked system is down, directed nets will be called up on repeaters 1, 2, and 3 as the SECONDARY channel assignment

D. In the event that BOTH the linked system and repeater 1, 2 or 3 are down, operation on Simplex on the repeater output is the TERTIARY channel assignment. Directed nets will be called up on the downed repeater(s) output frequency.

E. Frequency +/- 5khz

F. Switch to Secondary if 80m is unusable

6. Prepared by (Communications Unit Leader)**:** Name: _____ Signature: _____

1. Incident Name:	2. Operational Period:	DAILY NET SCHEDULE
RI ARES Simulated Emergency Test 2023	Date From: 10/21/2023 Date To: 10/22/2023 Time From: 10:00 Local Time To: 22:00 Local	ICS 230-AR

3. Meeting Schedule

Date/ Time	Meeting Name	Purpose	Attendees	Location
10/21 18:00	RI ARES 80m HF Net	Collect Reports	NCS: WX1X Reporting Stations, MARS if available	Radio CH 7
10/21 19:30	RI ARES VHF Repeater Net	Collect Reports	NCS: K1JST Reporting Stations, MARS if available	Radio CH 1-6
10/22 12:00	RI ARES 80m HF Net	Collect Reports	NCS: KC1NEK Reporting Stations, MARS if available	Radio CH 7
10/22 14:00	RI ARES VHF Repeater Net	Collect Reports	NCS: KC1NEK Reporting Stations, MARS if available	Radio CH 1-6
10/22 20:00	RI ARES VHF Repeater Net	Collect Reports	NCS: K1JST Reporting Stations, MARS if available	Radio CH 1-6
10/21 21:00	RI ARES 80m HF Net	Collect Reports	NCS: K1JST Reporting Stations, MARS if available	Radio CH 7

4. Prepared by: (Situation Unit Leader) **Date/Time**

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET (ICS 217)						Frequency Band VHF-Aviation			Description RI Airport weather reporting transmitters
	CALL SIGN	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	KBID	Block Island, RI	AVIATION	134.7750 MHz	CSQ	N/A	N/A	A	AM Modulation
2	KPVD	Warwick, RI	AVIATION	124.2000 MHz	CSQ	N/A	N/A	A	AM Modulation
3	KSFZ	Pawtucket, RI	AVIATION	120.7750 MHz	CSQ	N/A	N/A	A	AM Modulation
4	KUUU	Newport, RI	AVIATION	132.0750 MHz	CSQ	N/A	N/A	A	AM Modulation
5	KWST	Westerly, RI	AVIATION	132.3750 MHz	CSQ	N/A	N/A	A	AM Modulation
6	KOQU	N. Kingstown, RI	AVIATION	118.6000 MHz	CSQ	N/A	N/A	A	AM Modulation
7	KEWB	New Bedford, MA	AVIATION	126.8500 MHz	CSQ	N/A	N/A	A	AM Modulation
8	KTAN	Taunton, MA	AVIATION	132.6750 MHz	CSQ	N/A	N/A	A	AM Modulation
9	KGON	Groton, CT	AVIATION	127.0000 MHz	CSQ	N/A	N/A	A	AM Modulation
10	KLZD	Danielson, CT	AVIATION	119.1250 MHz	CSQ	N/A	N/A	A	AM Modulation
11									
12									
13									
14									
15									
16									

Google Form to assist in collecting information:
https://forms.gle/21CTb4CJ8dss353y8

CHECK IN LIST (COMMUNICATIONS) (ICS 211P-AR)

1. Incident Name:	2. Operational Period:	3. Check-in Location
RI ARES Simulated Emergency Test 2023	Date From: 10/21/2023 Date To: 10/22/2023 Time From: 10:00 Local Time To: 22:00 Local	

				8. Initial Incident Check In?	9. Time		
4. Name	5. District	6. Callsign	7. Remarks/Position	X	In	Out	Hrs

10.Prepared By (Name, Position/Title, Date/Time):	11. Sent (Date/Time, To)

Communications Log (ICS 309)

1. Incident Name: RI ARES Simulated Emergency Test 2023

2. Operational Period: Date From: 10/21/2023 Date To: 10/22/2023
Time From: 10:00 Local Time To: 22:00 Local

3. Radio Net Name/Tactical Call

4. Radio Operator

5. Communications Log

Time 24:00	From Call/ID	From MSG#	To Call/ID	To MSG#	Message

6. Prepared by: Name: ____________________ Position/Title: ____________________ Signature: ____________________

ICS 309-AR **Page** **of** Date/Time: ______________________________

GENERAL MESSAGE (ICS 213)

1. Incident Name: RI ARES Simulated Emergency Test 2024		
2. To (Name and Position)**:** Jeremy Taylor, ASEC, RI ARES		
3. From (Name and Position)**:**		
4. Subject: MARS Communications Exercise 23-04 Airport Weather Report	**5. Date:**	**6. Time**

7. Message:

Reception Location: _____

STATION: _____

TIME: _____ ZULU

WIND: _____ @ _____

VISIBILITY: _____

SKY CONDITION: _____

TEMPERATURE: _____

DEWPOINT: _____

ALTIMETER:_____

REMARKS: Density Altitude _____

_____

_____

Comments:

_____

_____

_____

_____

_____

8. Approved by:

9. Reply:

10. Replied by: Name: Position/Title: Signature: _____

ICS 213 Date/Time:

ATTACHMENT 1: RI ARES SET HF Net Procedural Script

Pre-net

(Listen first, adjust within +/- 5 KHz of assigned frequency if necessary, and then check for any emergency traffic about 1 or 2 minutes prior to calling the net)

This is (your call sign) checking for any emergency or priority traffic on this frequency. There is an upcoming net. If you have emergency traffic please come now, Over.

(if nothing heard) Nothing heard, Out.

Preamble

Calling the Rhode Island RI ARES Simulated Emergency Test NET for (day, date). This is (your call sign), my name is (first name), operating as W1RIA. I am located in (your location) and I will be net control station for this net. Also, a standby NCS is (call sign) who is prepared to take over as net control should that be necessary, Out. (unkey)

This is a directed net and will always break for any incoming emergency traffic. Any amateur radio operator is welcome to check in. Out. (unkey)

This net is a drill - A Simulated Emergency Test or SET net. This particular SET net is to facilitate gathering of local airport weather broadcasts in the VHF-AM Aviation Band from 119-136 MHz. Details of the frequencies and airport locations of these broadcasts can be found at the RIARES.ORG website under the documents tab. Traffic contents include airport name, ZULU time of report, and if available the wind, visibility, sky condition, temperature, dew point, and altimeter.

When checking in, please say “This is”, then un-key your mic [un-key to illustrate and wait a few seconds] to check for doubling with another station and then provide your call sign given phonetically, your name, your location, and if you have any traffic for the net. Out. (unkey)

Check Ins

This is W1RIA, Net control for this Simulated Emergency Test net. This is a Drill: Any stations wishing to check in with or without airport weather traffic please call with your callsign, name, location, and if you have traffic for the net now, Over.

(When there is a pause, read aloud the call signs you have heard)

This is W1RIA, Net control for this RI ARES HF SET Net, This is a Drill: additional stations for the net please call now, Over.

(When there is a pause, read aloud the call signs you have heard)

(List of Calls) Roger, Out.

(If nothing heard) Nothing Heard, Out.

Check for MARS

If there are any MARS stations checked into the net wishing to accept traffic, please call now.

(Wait for calls. If there are, you may authorize them to accept the traffic directly as you call stations. Otherwise, you will accept the traffic)

Collect Traffic

This is W1RIA, Net control for the RI ARES HF SET Net, we will now take traffic from each station for this simulated emergency test.

(1st station checked in call sign with traffic) please pass your traffic or negative report now, Over.

(Repeat traffic back) Over.

(When traffic from 1st station is complete, repeat the process with each station that had traffic)

That is the bottom of the roster, Out.

This is W1RIA, Net control for the RI ARES HF Net, are there any additional check ins with or without traffic, please call with your callsign, name, location, and if you have traffic for the net now, Over.

(When there is a pause, read out the call signs you have heard)

(List of Calls) Roger, Out.

(Go through these stations for traffic)

(If nothing heard) Nothing Heard, Out.

Final Call

This is W1RIA, Net control for the RI ARES HF Simulated Emergency Test Net, are there any comments or business for the net before we close, Over.

(Go through these stations for comments as below)

(station call sign) say your comments, Over. (after comment, acknowledge)

(station call sign) this is W1RIA, thanks. (your comments), Out.

(If nothing heard) Nothing Heard, Out.

Closing the net

We would like to thank all participants for joining this net which was a drill, and thanks to all who stood by while the net was in session. This net is closed at (time) and this frequency is returned to normal amateur use. This is (your call sign) for W1RIA, 73. Out.

Please complete the **Public Service Activity Reporting Form.** If you have traffic that was not passed to MARS you can either arrange a Sched with a MARS station to pass that traffic or pass it to Jeremy K1JST by Sched, Winlink or Email.

ATTACHMENT 2: RI ARES SET VHF Net Procedural Script

Pre-net

(Check for any emergency traffic about 1 or 2 minutes prior to calling the net)

This is (your call sign) checking for any emergency or priority traffic on this Network. There is an upcoming net. If you have emergency traffic please come now, Over.

(if nothing heard) Nothing heard, Out.

Preamble

Calling the Rhode Island RI ARES Simulated Emergency Test NET for (day, date). This is (your call sign), my name is (first name), operating as W1RIA. I am located in (your location) and I will be net control station for this net. Also, a standby NCS is (call sign) who is prepared to take over as net control should that be necessary, Out. (unkey)

This is a directed net and will always break for any incoming emergency traffic. Any amateur radio operator is welcome to check in. Out. (unkey)

This net is a drill - A Simulated Emergency Test or SET net. This particular SET net is to facilitate gathering of local airport weather broadcasts in the VHF-AM Aviation Band from 119-136 MHz. Details of the frequencies and airport locations of these broadcasts can be found at the RIARES.ORG website under the documents tab. Traffic contents include airport name, ZULU time of report, and if available the wind, visibility, sky condition, temperature, dew point, and altimeter.

When checking in, please say “This is”, then un-key your mic [un-key to illustrate and wait a few seconds] to check for doubling with another station and then provide your call sign given phonetically, your name, your location, and if you have any traffic for the net. Out. (unkey)

Check Ins

This is W1RIA, Net control for this Simulated Emergency Test net. This is a Drill: Any stations wishing to check in with or without airport weather traffic please call with your callsign, name, location, and if you have traffic for the net now, Over.

(When there is a pause, read aloud the call signs you have heard)

This is W1RIA, Net control for this RI ARES HF SET Net, This is a Drill: additional stations for the net please call now, Over.

(When there is a pause, read aloud the call signs you have heard)

(List of Calls) Roger, Out.

(If nothing heard) Nothing Heard, Out.

Check for MARS

If there are any MARS stations checked into the net wishing to accept traffic, please call now.

(Wait for calls. If there are, you may authorize them to accept the traffic directly as you call stations. Otherwise, you will accept the traffic)

Collect Traffic

This is W1RIA, Net control for the RI ARES HF SET Net, we will now take traffic from each station for this simulated emergency test.

(1st station checked in call sign with traffic) please pass your traffic or negative report now, Over.

(Repeat traffic back) Over.

(When traffic from 1st station is complete, repeat the process with each station that had traffic)

That is the bottom of the roster, Out.

This is W1RIA, Net control for the RI ARES HF Net, are there any additional check ins with or without traffic, please call with your callsign, name, location, and if you have traffic for the net now, Over.

(When there is a pause, read out the call signs you have heard)

(List of Calls) Roger, Out.

(Go through these stations for traffic)

(If nothing heard) Nothing Heard, Out.

Final Call

This is W1RIA, Net control for the RI ARES HF Simulated Emergency Test Net, are there any comments or business for the net before we close, Over.

(Go through these stations for comments as below)

(station call sign) say your comments, Over. (after comment, acknowledge)

(station call sign) this is W1RIA, thanks. (your comments), Out.

(If nothing heard) Nothing Heard, Out.

Closing the net

We would like to thank all participants for joining this net which was a drill, and thanks to all who stood by while the net was in session. This net is closed at (time) and this Network is returned to normal amateur use. This is (your call sign) for W1RIA, 73. Out.

Please complete the **Public Service Activity Reporting Form.** If you have traffic that was not passed to MARS you can either arrange a Sched with a MARS station to pass that traffic or pass it to Jeremy K1JST by Sched, Winlink or Email.