



2022 Maine Simulated Emergency Test
8:00 AM – 12:00 PM, October 22, 2022

**Wireless Society of Southern Maine Emergency Communications Team
(WSSM-ECT)**

After Action Review

Wireless Society of Southern Maine – Emergency Communications Team (WSSM-ECT)

Name of exercise: 2022 Maine Simulated Emergency Test

Date of activity: October 22, 2022

Duration of activity: 08:00 – 12:00

Type: Multi-mode communication exercise between State and County EMAs, as well as other agencies, including Red Cross and the National Weather Service.

Served agency(s):

Cumberland County Emergency Management Agency (CCEMA)
National Weather Service, Gray, ME

WSSM-ECT: Participants will operate from the EOC, home, at deployed stations, and mobile from shelters.

Purpose: Test ability to communicate inter-county and between counties, using various modes: UHF FM repeater, VHF FM Simplex, HF SSB, VHF Packet, HF Digital, and Winlink via VHF Packet and HF.

Objectives: Perform Amateur Radio Tasks as outlined in the 2022 Maine SET Plan:

- Digital data with other Counties on Amateur VHF repeater systems and packet network.
- Voice with other Counties on Amateur VHF using simplex.
- Voice with other Counties on Amateur HF systems
- Retrieve a text file using Packet
- Digital data via Amateur Packet and Winlink systems

TASK 1 - Perform voice radio checks inter-county via Amateur UHF repeater

TASK 2 - Perform voice radio checks inter-county via Amateur HF

TASK 3 – Establish communications with Statewide Emergency Net and perform voice radio checks with other Counties via Amateur HF

TASK 4 – Perform voice radio checks inter-county via Amateur VHF Simplex

TASK 5 – Perform voice radio checks with nearby Counties via Amateur VHF simplex

TASK 6 – Exchange ICS-213 messages via voice, digital, Winlink, and Packet

TASK 7 – Retrieve a text file via PACKET

TASK 8 – Send Digital Data through the Maine Packet Network

2022 SET Net Communications

TASK 1 - Coordination Net – *Validate comms with County Shelters, NWS, & Others* - Success

Our Coordination Net started at 8:00 AM on the 449.225 WS1EC repeater. The focus of the net was to check in SET participants, assign tasks, and assess coverage of the repeater. *Net control monitored the repeater throughout the event.*

Start time: 8:00 AM

Net Control: Tim KB1HNZ (op as WS1EC)

Check-ins:

N1R XR Eric, New Gloucester, ME, 8:01 AM

AC1MM Peter, mobile – enroute to South Portland High School shelter, 8:02 AM – Arrived at 8:25 AM

KC1HBM Peter, mobile – enroute to CCEMA bunker, 8:02 AM – Arrived at 8:10 AM. Dispatched to Scarborough High School shelter. Arrived at 8:33 AM

N1XP Roger, portable – on scene at South Portland High School shelter, 8:10 AM

KC1JM Brad, portable – on scene at Scarborough High School shelter, 8:05 AM

WX1GYX Eric, National Weather Service, Gray, ME, 8:06 AM

KC1HJN Waylon, enroute to Windham High School shelter, 8:07 AM – Arrived at 8:15 AM

KC1HJN Waylon, on scene at Westbrook High School shelter, 9:26 AM

KC1HJN Waylon, on scene at Greely High School shelter, 9:57 AM

KC1HJN Waylon, on scene at Freeport High School shelter, 10:40 AM

KB1FGF Dave, mobile in Westbrook, ME, 10:51 AM

Traffic Handled:

40R from KB1HNZ to Frank Krizan KR5N, Plano, TX

41R from KA1VPU to Victor Rivera WP4QZH, Mayaguez, PR

42R from K1GJY to Ryan Michaelson KB1YTR, Duluth, MN

43R from KC1HBM to Bill Barber NE1B, Hudson, NH

44R from N1R XR to Paul Losaw N1PUA, Lenox Dale, MA

45R from KC1HBL to Sigurd Kimpel KJ1K, Pittsfield, MA

46R from KC1PDS to Luke Quigley KB1IIR, Madison, NH

47R from W2VAN to Greg Fitch KB1EZJ, North Conway, NH

48R from KB1HNZ to Eric Emery WX1GYX, National Weather Service, Gray, ME

49R from KB1HNZ to Keith Anoe KE4UCW, Lisbon, ME

50R from KB1HNZ to Phil Duggan N1EP, Milbridge, ME

51R from KB1HNZ to Ron Tomo KE2UK, North Bellmore, NY

52R from KB1HNZ to John Hoover K2XU, Moorestown, NJ

53R from KB1HNZ to Chris Wheeler, Windham, ME

Net secure at: 11:50

TASK 2 - HF Net (Inter County) *Validate comms with County Shelters, NWS, & Others* – Success

Our HF net started immediately after our Coordination Net (at around 8:30 AM). The purpose of the net

was to exchange signal reports and traffic with home stations, the deployed portable station, and the NWS Gray Liaison station, to assess HF coverage throughout the county and beyond. Frequency: 3950 kHz.

Start time: 8:30 AM

Net Control: Tim KB1HNZ (op as WS1EC)

Check-ins:

N1RXR Eric, New Gloucester S 57, R 55, 8:30 AM

WX1GYX Eric, National Weather Service, Gray, ME, S 57, R 55, 8:31 AM

KC1JMH Brad, portable at Scarborough High School, Scarborough, ME, S 51, R 59, (60w out), 8:39 AM.
Experienced trouble with Buddipole, so used a Hamstick instead. Not ideal, but able to make contact.

Traffic Handled: Status updates and instructions for next task exchanged. No formal traffic.

Net secure at: 8:45 AM

TASK 3 – Establish Communications w/ Statewide Emergency Net

Check into the statewide emergency net on **3945.0 kHz at 9:00 AM - Success**

Net control: Keith KE4UCW

Successfully checked in with KE4UCW at 8:59 AM

Traffic Handled: No formal traffic.

Any other stations contacted on the net?

N1EP Phil, Milbridge, ME, S 57, R 57, 8:40 AM

Check out at: 9:00 AM

Check into the statewide emergency net on **7265.0 kHz at 9:30 AM – Success**

Net control: Keith KE4UCW

Successfully checked in with KE4UCW at 9:34 AM

Traffic Handled: No formal traffic.

Any other stations contacted on the net?

N1RXR Eric, New Gloucester, ME, S 59 R 59, 9:50 AM, on 7268 kHz

WX1GYX Eric, National Weather Service, Gray, ME, S 59, R 59, 9:51 AM, on 7268 kHz

KC1JMH Brad, portable at Scarborough High School shelter, Scarborough, ME, S 52 R 59, 10:12 AM, on 7268 kHz

Check out at: 10:15 AM

Check into the statewide emergency net on **52.525 MHz FM Simplex at 10:00 AM – Unsuccessful**
Net control: Keith KE4UCW

WS1EC couldn't make a direct contact with Keith KE4UCW, but used N1RXR as a relay to check in.

Traffic Handled: No formal traffic.

Any other stations contacted on the net?

52.525:

N1RXR Eric, New Gloucester, ME, S 59 R 59, 10:05 AM

WX1GYX Eric, National Weather Service, Gray, ME, S 59 R 59, 10:06 AM

52.530:

KC1JMH Brad, portable at Scarborough High School shelter, Scarborough, ME, S 59 R 59, 10:22 AM

KC1HBM Peter, portable at Scarborough High School shelter, Scarborough, ME, S 59 R 59, 10:32 AM

Check out at: 10:35 AM

TASK 4 - Simplex Net – *Validate comms with County Shelters, NWS, & Others – Success*

Our Simplex Net will started at 10:15 AM on the ECT Primary frequency of 146.580. The focus of the net was to check in SET participants and exchange signal reports with each other to assess simplex coverage throughout the county and beyond. This included portable, NWS Liaison, home stations, and mobile stations who were deployed to shelters.

Start time: 10:15 AM

Net Control: Tim KB1HNZ (op as WS1EC) Check-ins:

Check ins:

N1RXR Eric, New Gloucester, ME, 8:15 AM, Recheck at 10:28 AM

WX1GYX Eric, National Weather Service, Gray, ME, 8:17 AM

KC1HJN Waylon, on scene at Windham High School shelter, 8:18 AM

KC1HJN Waylon, on scene at Westbrook High School shelter, 9:27 AM

KC1HJN Waylon, on scene at Greely High School shelter, 9:58 AM

AC1MM Peter, portable at South Portland High School shelter, 10:20 AM, checked out at 10:50 AM

N1XP Roger, portable at South Portland High School shelter, 10:22 AM, checked out at 10:50 AM

KC1JMH Brad, portable at Scarborough High School shelter, 10:28 AM

KC1HJN Waylon, on scene at Freeport High School shelter, 10:40 AM

KC1HBM Peter, portable at Scarborough High School shelter, 10:41 AM

Traffic Handled:

2R from N1R XR to WS1EC – alerting NCS that he is able to retrieve Winlink traffic for WX1GYX.
3R from N1R XR to WS1EC – alerting NCS about change in frequency from 7262 to 7265 for statewide net.

Net secured at: 11:00 AM

TASK 5 – Perform voice radio checks with nearby Counties via Amateur VHF simplex and other modes – Success

Immediately following our Simplex Net on 146.580, we attempted to contact as many County EOCs, home stations, and other served agencies as possible via FM simplex. During this period, we explored other simplex frequencies to establish contact with adjacent counties.

Between 10:30 – 11:30, stations were also encouraged to establish contact with Keith KE4UCW, and others via the following modes:

145.290 - / 100.0 Hz Wales. ME Repeater
DMR Maine Statewide (MESW)
Winlink via: KE4UCW
146.520 FM Simplex

Stations contacted:

(Include time, mode, and frequency):

KU1U Cory, Sabbatus, ME, 10:55 AM, 145.290 Wales, ME VHF FM Repeater
N1XP Roger, mobile at Scarborough Fire Station, Pleasant Hill Rd., Scarborough, ME 10:57 AM, 146.520 FM Simplex
N1R XR Eric, New Gloucester, ME, 10:59 AM, 146.520 FM Simplex
KE4UCW Keith, Lisbon, ME, 11:00 AM, 146.520 FM Simplex
WX1GYX Eric, National Weather Service, Gray, ME, 11:03 AM, 146.520 FM Simplex
KC1JMH Brad, portable at Scarborough High School shelter, 11:10 AM, 146.520 FM Simplex
N1OXA Ivan, Lewiston, ME, 11:15 AM and 11:30 AM, 146.580 FM Simplex
KB1DEB Deb, Lisbon, ME, 11:15 AM, 146.580 FM Simplex
N1R XR Eric, New Gloucester, ME, 11:15 AM, DMR Maine Statewide
WX1GYX Eric, National Weather Service, Gray, ME, 11:16 AM, DMR Maine Statewide
N1EP Phil, Milbridge, ME, 11:20 AM, DMR Maine Statewide

TASK 6 – Exchange ICS-213 messages via voice, digital, Winlink, or Packet – Success
(See attached message copy)

Task 6 was to exchange *ICS-213 Messages*. In the days preceding the SET, Tim KB1HNZ helped ECT members compose messages to be exchanged during the SET.

Instructions: These messages may be exchanged at any point during the SET, but it is recommended to do so early on. Tim KB1HNZ will forward these via voice, Packet, or Winlink, depending on the destination. We are also expecting to receive traffic and requests during the SET, and will do our best to reply to these as they are received.

TASK 7 – Retrieve a text file via PACKET – Success

Instructions: One of the more interesting tasks during last year's SET asked participants to retrieve a text file via Winlink. This year we will do something similar, but instead of using Winlink, we will take advantage of Brad's updates to the WS1EC Packet node, and attempt to retrieve a weather report via Packet.

AWUS81 KGYX 221350

RWSGYX

Weather Summary for Maine and New Hampshire

National Weather Service Gray ME

950 AM EDT Sat Oct 22 2022

High pressure provides warm, dry weather and ample sunshine today after a chilly morning. Sunday will start with more sunshine than not, however clouds will fill in and lower through the day as low pressure moves north along the Eastern Seaboard. Rain is likely near the Mass border by around sunset, and will spread north and east through Sunday night and Monday. Unsettled, warm, and potentially foggy conditions prevail for much of the coming work week.

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TASK 8 – Send Digital Data through the Maine Packet Network – Success

TASK 8 was to send "Digital Data through the Maine Packet Network." Stations with Packet access were asked to submit either a Winlink Express Check In form, ICS-213, or send an uncompressed text message.

Notes:

Location: CUMBERLAND COUNTY EOC, WINDHAM, ME

GPS Coordinates: 43.730656,-70.419354 MGRS Coordinates: 19TCJ8569042936 Grid Square: FN43sr

Go Team 1 - SET AAR Field Report

Task 1: 08:02 AM - Success

Arrived onsite at Scarborough High School at 0802, Buddipole is still being retrieved by Peter Hatem.

Hoisted and connected personal roll-up VHF/UHF j-pole. Added to list of recommendations.

Checked in to net with personal handheld during assembly, and communicated further with ICOM IC-7100 once ready.

Buddipole arrives

Task 2: County HF 08:30 AM – Success

80m:

Unable to assemble Buddipole for 80m in time, skipped and fell to personal issue 75m Hamstick

Received WS1EC 59

Received N1RXR 57

Task 3: Statewide HF – Unsuccessful

80m:

State agency was unable to hear us

40m:

Contacts with personal 40m Hamstick with WS1EC (r52, s59), could not reach State.

We discovered that wire parts and possibly the VersaTee™ center connector were repackaged, they were not new. Connecting cable fit very loosely in the VersaTee.

We finally got it assembled by borrowing parts from a second antenna system, but it was done incorrectly. Training on the antenna system is needed.

Peter took them home for further testing and training on the equipment.

6m 52.525 MHz FM, horizontal dipole configuration of Buddipole: - Success

10:21 AM - Contact with KE4UCW in Lisbon

10:23 AM - Contacts with N1RXR in New Gloucester and KU1U in Sabattus

52.530: - Success

10:35 AM - Contacts with WS1EC and KU1U

Notes: WS1EC could hear Scarborough HS, but Lisbon and Sabattus were in the EMA's antenna null zone; we would make a good relay

Task 4: 146.580 MHz Simplex: - Success

Contacts were made with WS1EC but not logged

Task 5: - Success

W1PIG repeater- Manually tuned radio, need to add to memory channels. Repeater keyed up, but we received no reply to calls.

DMR ME SW- Call made with personal handheld, no reply logged

Winlink- Message sent via packet to KE4UCW, see attached

Task 6: Exchange RRI ICS-213 – Success

Laptop booted (was off to reserve battery)

Brad and Peter took turns sending ICS-213 forms with Winlink over radio to WS1EC, WX1GYX, some included Region 1 NTS; these are attached

Task 7: Text file via packet – Success

Files were pulled by a packet radio application available on our packet radio node (server), from the National Weather Service website. This is a useful tool if Internet is not available in the incident zone.

We struggled to maintain a connection while a large report was being downloaded at the bunker, possibly due to desensitization of the antennas being nearby each other. **Recommendation:** Packet access to the node from the bunker should be made via Telnet, when available.

We did make the connection and eventually downloaded a short weather summary text file (attached)

Task 8: Traffic via Maine Emergency Packet Network (MEPN) - Success

A Winlink Check-In Form was submitted to WS1EC via the BBS Mail service

Recommendations:

Go-Kit needs documented, based on gaps filled from personal equipment:

- High-power flashlight (I'm loaning the kit a cheap flashlight)
- Headlamp
- Collapsible mast (I got the paracord used for the roll-up j-pole stuck in a tree and nearly fell off my truck trying to retrieve it)
- 144/440 MHz dual-band roll-up J-pole from N9TAX (includes coax cable)
- LiFePO4 battery (my 6ah lasted the whole 4+ hours, we just couldn't use full power)
- Charger for above battery
- Dual-band handheld radio with lapel mic and spare battery
- Tuner (IC-7100 does not have one built in)
- 9:1 Unun matching unit and wire for backup or easy switch between lower and upper bands
- 15' extension cord, in case we're deployed inside the building

Brad will continue to hold onto the radio to enter EMA and GMRS frequencies.

Peter will hold onto Buddipole antenna systems to further isolate any parts issues, and train on the equipment.

2022 SET Traffic

RRI-REGION5
QTC 1 R PLANO TX 75075
40 R KB1HNZ 25 SACO ME 1200Z OCT 22
FRANK KRIZAN KR5N HAM OPERATOR
1200 GARDENGROVE CT
PLANO TX 75075
214 563 6679
FRANK ATSIGN KRIZAN DOT ORG
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE YOU AND NANCY
ARE WELL X YOU ARE
RECIEVING THIS AS PART OF
OUR ANNUAL SIMULATED EMERGENCY TEST
BT
TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ ATSIGN YAHOO DOT COM
KB1HNZ
WS1EC
AR

RRI-REGION4
QTC 1 R MAYAGUEZ PR 00682
41 R KA1VPU 23 GORHAM ME 1201Z OCT 22
VICTOR RIVERA WP4QZH HAM OPERATOR
420 CALLE LARESECADORA
MAYAGUEZ PR 00682
NO PHONE
RIVERAVICTORJ ATSIGN GMAIL DOT COM
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
WITH YOU AND YOUR FAMILY
X BEST WISHES FROM YOUR
FRIENDS IN MAINE
BT
TIMOTHY WELCH ARES MEMBER
TWELCH1956 ATSIGN GMAIL DOT COM
KA1VPU
WS1EC
AR

RRI-REGION10
QTC 1 DULUTH MN 55811
42 R K1GJY 23 SACO ME 1205Z OCT 22
RYAN MICHAELSON KB1YTR ARES MEMBER
235 E LOCUST STREET
DULUTH MN 55811
207 712 6348
KB1YTR ATSIGN ARRL DOT NET
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
WITH YOU AND YOUR FAMILY
X BEST WISHES FROM YOUR
FRIENDS IN MAINE
BT
STEFANIA WATSON ARES MEMBER
YO9GJY ATSIGN GMAIL DOT COM
K1GJY
WS1EC
AR

RRI-REGION1
QTC 1 R HUDSON NH 03051
43 R HXC KC1HBM 24 SCARBOROUGH ME 1209Z OCT 22
BILL BARBER NE1B HAM OPERATOR
8 STEVENS DRIVE
HUDSON NH 03051
NO PHONE
NE1B ATSIGN ARRL DOT NET
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
X YOU ARE RECIEVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
PETER HATEM ARES MEMBER
PLHATEM ATSIGN GMAIL DOT COM
KC1HBM
WS1EC
AR

RRI-REGION1
QTC 1 R LENOX DALE MA 01242
44 R HXC N1RXXR 24 NEW GLOUCESTER ME 1212Z OCT 22
PAUL LOSAW N1PUA ALY SKYWARN LIAISON
P O BOX 119
LENOX DALE MA 01242
NO PHONE
N1PUA ATSIGN ARRL DOT NET
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
X YOU ARE RECIEVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
ERIC EMERY GYX SKYWARN LIAISON
EEMERY DOT OPS ATSIGN GMAIL DOT COM
N1RXXR
WS1EC
AR

RRI-REGION1
QTC 1 R PITTSFIELD MA 01201
45 R HXC KC1HBL 23 BUXTON ME 1215Z OCT 22
SIGURD KIMPEL KJ1K HAM OPERATOR
62 ROCKLAND DRIVE
PITTSFIELD MA 01201
NO PHONE
SKIMPEL ATSIGN BERKSHIRE DOT RR DOT COM
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
WITH YOU AND YOUR FAMILY
X BEST WISHES FROM YOUR
FRIENDS IN MAINE
BT
BEN BRUNS ARES MEMBER
WARDENSWORRY5775 ATSIGN GMAIL DOT COM
KC1HBL
WS1EC
AR

RRI-REGION1
QTC 1 R MADISON NH 03849
46 R HXC KC1PDS 24 GORHAM ME 1217Z OCT 22
LUKE QUIGLEY KB1IIR MWV ARES EC
1753 EAST MADISON RD
MADISON NH 03849
NO PHONE
KB1IIR ATSIGN YAHOO DOT COM
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
X YOU ARE RECIEVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
DYLAN BAUER ARES MEMBER
DMBAUER6161 ATSIGN GMAIL DOT COM
KC1PDS
WS1EC
AR

RRI-REGION1
QTC 1 R NORTH CONWAY NH 03860
47 R HXC W2VAN 24 PORTLAND ME 1219Z OCT 22
GREG FITCH KB1EZJ
119 DANDIVIEW RD
NORTH CONWAY NH 03860
NO PHONE
SIRGREG ATSIGN ROADRUNNER DOT COM
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
X YOU ARE RECIEVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
MIKE MOONEY COML CCEMA/IMAT
W2VAN
WS1EC
AR

WX1GYX, N1R XR
QTC 1 R GRAY ME 04039
48 R HXC WX1GYX 25 WINDHAM ME 1222Z OCT 22
ERIC EMERY N1R XR GYX SKYWARN LIAISON
1 WEATHER LANE
GRAY ME 04039
NO PHONE
EEMERY DOT OPS ATSIGN GMAIL DOT COM
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X PLEASE PROVIDE LATEST STORM UPDATE
X YOU ARE RECEIVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

RRI-REGION1
QTC 1 R LISBON ME 04250
49 R HXC KB1HNZ 23 WINDHAM ME 1223Z OCT 22
KEITH ANOE KE4UCW MAINE ARES SEC
6 WAGG ROAD
LISBON ME 04250
2076297107
KEITH ATSIGN ANOE DOT US
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X CUMBERLAND COUNTY CURRENTLY HAS TEAMS ACTIVE AT THE EOC AND DEPLOYED TO SHELTERS IN
SCARBOROUGH AND SOUTH PORTLAND
BT
TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

RRI-REGION1
QTC 1 R MILBRIDGE ME 04658
50 R HXC KB1HNZ 24 WINDHAM ME 1225Z OCT 22
PHIL DUGGAN N1EP MAINE ARRL SECTION MANAGER
195 KANSAS RD
MILBRIDGE ME 04658
NO PHONE
N1EP ATSIGN YAHOO DOT COM
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
X YOU ARE RECIEVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

RRI-REGION2
QTC 1 R NORTH BELLMORE NY 11710
51 R HXC KB1HNZ 24 WINDHAM ME 1227Z OCT 22
RON TOMO KE2UK ARMY MARS RGN2 OPERATIONS OFFICER
1049 BARBARA CT
NORTH BELLMORE NY 11710
NO PHONE
RON ATSIGN RONTOMO DOT ORG
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
X YOU ARE RECIEVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

RRI-REGION2
QTC 1 R MOORESTOWN NJ 08057
52 R HXC KB1HNZ 24 WINDHAM ME 1230Z OCT 22
JOHN HOOVER K2XU ARMY MARS MEMBER
227 NICHOLSON DR
MOORESTOWN NJ 08057
NO PHONE
JHHOOVER ATSIGN COMCAST DOT NET
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
X HOPE ALL IS WELL
X YOU ARE RECIEVING THIS
AS PART OF OUR ANNUAL
MAINE SIMULATED EMERGENCY TEST
BT
TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

WHEELER@CUMBERLANDCOUNTY.ORG
QTC 1 R WINDHAM ME 04062
53 R HXC KB1HNZ 22 WINDHAM ME 1233Z OCT 22
CHRIS WHEELER LEPC LIAISON
2078926785
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG
EXERCISE MESSAGE 20221020
BT
THIS IS AN EXERCISE MESSAGE
WHAT IS THE NAME OF THE NEAREST WARMING SHELTER AND HOW MANY BEDS ARE CURRENTLY
AVAILABLE QUERY
BT
TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

N1XP

QTC 1 R SOUTH PORTLAND ME 04106
54 R HXC KB1HNZ 16 WINDHAM ME 1235Z OCT 22
ROGER PIENCE N1XP YORK COUNTY ECT LIAISON
SOUTH PORTLAND HIGH SCHOOL
637 HIGHLAND AVE
SOUTH PORTLAND ME 04074
2076089635
ROGER ATSIGN N1XP DOT COM
EXERCISE MESSAGE 20221020

BT

THIS IS AN EXERCISE MESSAGE
PLEASE INFORM ABOUT THE STATUS OF YOUR DEPLOYMENT AND CURRENT CAPABILITIES

BT

TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

KC1JMH

QTC 1 R SCARBOROUGH ME ME 04074
55 R HXC KB1HNZ 16 WINDHAM ME 1239Z OCT 22
BRAD BROWN KC1JMH ARES MEMBER
SCARBOROUGH HIGH SCHOOL
11 MUNICIPAL DRIVE
SCARBOROUGH ME 04074
2078386629
BRADBROWNJR ATSIGN GMAIL DOT COM
EXERCISE MESSAGE 20221020

BT

THIS IS AN EXERCISE MESSAGE
PLEASE INFORM ABOUT THE STATUS OF YOUR DEPLOYMENT AND CURRENT CAPABILITIES

BT

TIM WATSON CUMBERLAND COUNTY ARES EC
KB1HNZ
WS1EC
AR

74 R KB1HNZ 24 SACO ME 2352Z OCT 26
PAUL ENGLISH UHCHBPM CHIEF ARMY MARS
13164 FM 2484
SALADO TX 76571
254 630 9472 ENGLISHP ATSIGN HOTMAIL DOT COM
EXERCISE MESSAGE 202210262352Z
BT
MESSAGE RECEIVED VIA RGN2 MARS
X OUR TEAM IS THE
WIRELESS SOCIETY OF SOUTHERN MAINE
ECT WITH 8 SET PARTICIPANTS
SERVING CUMBERLAND COUNTY EMA
BT
TIM WATSON KB1HNZ ARES EC CUMBERLAND COUNTY
KB1HNZ ATSIGN YAHOO DOT COM
WS1EC
RRI DASH REGION2
AR

Message ID: GEVDD2KUTRUP
Date: 2022/10/22 12:39
From: WX1GYX
To: WS1EC; KBT1CE; N1R XR; KC1JMH; KB1HNZ
Source: WX1GYX
Downloaded-from: Telnet:cms.winlink.org
Location: 360.00000N, 360.00000E
Subject: MESET WX REPORT

FPUS61 KGYX 220800
SFTGYX
MEZALL-NHZALL-222200-

Tabular State Forecast for Western Maine and New Hampshire
National Weather Service Gray ME
400 AM EDT Sat Oct 22 2022

ROWS INCLUDE...

Daily predominant daytime weather 6AM-6PM
Forecast temperatures...early morning low/daytime high
Probability of precipitation nighttime 6PM-6AM/daytime 6AM-6PM
- indicates temperatures below zero
MM indicates missing data

FCST	FCST	FCST	FCST	FCST	FCST	FCST
Today	Sun	Mon	Tue	Wed	Thu	Fri
Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28

...The western mountains...foothills and central highland of Maine...

Fryeburg, ME

Sunny	Ptcldy	Shwrs	Ptcldy	Mocldy	Ptcldy	Ptcldy
/66	33/65	45/60	47/66	49/66	49/65	41/60
/00	00/20	80/80	50/20	30/30	30/20	10/10

Jackman, ME

Sunny	Sunny	Shwrs	Ptcldy	Ptcldy	Ptcldy	Ptcldy
/64	37/67	45/58	47/66	50/66	47/61	38/55
/00	00/00	50/60	50/10	10/30	40/30	10/10

Rangeley, ME

Sunny	Ptcldy	Shwrs	Ptcldy	Mocldy	Ptcldy	Ptcldy
/61	35/64	44/57	47/64	49/64	48/59	40/55
/00	00/00	60/60	50/10	20/30	30/20	10/10

...Capital area and southwest interior Maine...

Augusta, ME

Sunny	Ptcldy	Shwrs	Mocldy	Mocldy	Ptcldy	Ptcldy
/65	41/64	50/60	52/65	55/66	54/64	46/59
/00	00/10	80/80	60/20	30/30	30/30	10/10

Lewiston, ME

Sunny	Ptcldy	Shwrs	Mocldy	Mocldy	Ptcldy	Ptcldy
/66	37/64	47/58	49/65	52/65	51/64	44/58
/00	00/20	80/80	50/20	30/30	30/20	10/10

Sanford, ME

Sunny	Mocldy	Shwrs	Mocldy	Mocldy	Ptcldy	Ptcldy
/67	37/64	47/60	47/66	50/66	49/66	43/60
/00	00/40	80/80	50/30	30/30	30/20	10/10

Waterville, ME

Sunny	Ptcldy	Shwrs	Mocldy	Mocldy	Ptcldy	Ptcldy
/65	40/64	48/58	50/64	54/65	52/63	44/57
/00	00/10	70/70	60/20	30/30	40/30	10/10

...Southwest and mid-coast Maine...

Brunswick, ME

Sunny	Mocldy	Shwrs	Mocldy	Mocldy	Ptcldy	Ptcldy
/65	41/64	49/61	50/66	52/66	52/66	46/61
/00	00/20	80/80	60/30	30/30	30/20	10/10

Portland, ME

Sunny Moclly Shwrs Moclly Moclly Ptcldy Ptcldy
/67 40/63 49/59 49/65 52/64 51/64 46/60
/00 00/30 80/80 60/20 30/30 30/20 10/10

Rockland, ME

Sunny Moclly Shwrs Moclly Moclly Moclly Ptcldy
/64 44/62 49/60 51/63 52/63 52/63 47/58
/00 00/10 80/80 70/40 30/30 40/30 10/10

Wiscasset, ME

Sunny Moclly Shwrs Moclly Moclly Moclly Ptcldy
/65 40/64 48/62 50/66 52/66 51/65 45/61
/00 00/20 80/80 60/30 30/30 30/20 10/10

...Northern New Hampshire and the White mountains...

Berlin, NH

Sunny Ptcldy Shwrs Ptcldy Moclly Moclly Ptcldy
/65 30/68 44/62 47/70 50/69 47/64 40/60
/00 00/10 60/60 40/10 20/30 30/20 10/10

Whitefield, NH

Sunny Ptcldy Shwrs Ptcldy Moclly Moclly Ptcldy
/64 34/66 44/61 47/68 49/67 47/62 40/58
/00 00/10 60/60 40/10 20/40 40/20 10/10

...West central New Hampshire...

Lebanon, NH

Sunny Ptcldy Shwrs Moclly Moclly Ptcldy Ptcldy
/66 36/64 49/63 49/69 54/69 52/66 43/62
/00 00/20 60/60 30/20 20/40 40/20 10/10

Plymouth, NH

Sunny Ptcldy Shwrs Ptcldy Moclly Ptcldy Ptcldy
/67 35/64 46/61 47/66 51/66 48/64 40/60
/00 00/20 70/70 40/20 20/30 30/20 10/10

...East central New Hampshire/Lakes region...

Laconia, NH

Sunny Ptcldy Shwrs Moclly Moclly Ptcldy Ptcldy
/66 39/62 49/58 50/64 55/64 52/63 45/57
/00 00/30 70/70 40/20 20/30 30/20 10/10

...Southwest New Hampshire/Monadnock region...

Keene, NH

Sunny Moclody Shwrs Ptcldy Moclody Ptcldy Ptcldy
/65 36/61 49/60 50/67 54/66 52/64 45/59
/00 00/40 80/80 40/20 20/30 30/20 10/10

...Capital area and southern interior New Hampshire...

Concord, NH

Sunny Ptcldy Shwrs Moclody Moclody Ptcldy Ptcldy
/68 35/64 48/61 49/67 51/67 50/65 43/61
/00 00/40 80/80 40/20 20/30 30/20 10/10

Manchester, NH

Sunny Shwrs Shwrs Moclody Moclody Ptcldy Ptcldy
/69 41/64 50/62 52/69 56/69 53/66 47/62
/00 00/50 80/80 50/20 20/30 30/20 10/10

...Coastal New Hampshire...

Portsmouth, NH

Sunny Shwrs Shwrs Moclody Moclody Ptcldy Ptcldy
/68 43/63 50/61 51/66 54/66 53/66 48/60
/00 00/60 80/80 50/30 30/30 30/20 10/10

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<https://www.arsfi.org>

[Message receipt requested]

50 R KC1JMH 23 SCARBOROUGH ME 1453Z OCT 22
KEITH ANOE KE4UCW ARES SEC
LISBON ME 04250
NO PHONE
MAINE SET 2022 202210221457
BT
THIS FIELD STATION CHECKS IN
FROM SCARBOROUGH HIGH SCHOOL SHELTER
X WE ARE WIRELESS SOCIETY
OF SOUTHERN MAINE WITH CUMBERLAND
COUNTY X 73
BT
BRAD BROWN KC1JMH PRES WSSM
WINLINK
AR

51 R KC1JMH 28 SCARBOROUGH ME 1503Z OCT 22
TIM WATSON WS1EC ARES CUMBERLAND COUNTY EMA
22 HIGH STREET
WINDHAM ME 04062
NO PHONE
MAINE SET 2022 202210221506Z
BT
THIS IS GO TEAM 1
CHECKING IN FROM SCARBOROUGH HIGH
SCHOOL X BUDDIPOLE WAS MIXED
SUCCESS X MORE TRAINING AND
TESTING OF COMPONENTS NEEDED FOR
MORE EXPEDIENT ASSEMBLY
BT
BRAD BROWN KC1JMH PRES WSSM
WINLINK
AR

Message ID: DWZKT9ZJWMSS
Date: 2022/10/22 14:33
From: N1EP
To: WS1EC
Source: N1EP
Subject: Re: FW: QTC 1 R MILBRIDGE ME 04658

Received 102222 at 1033
Thanks and good luck.
73 Phil N1EP

52 R KC1HBM 16 SCARBOROUGH ME 1532Z OCT 22
TIM WATSON WS1EC ARES EC
WINDHAM ME 04062
NO PHONE
RESPONSE TO SET MESSAGE 202210221535Z
BT
WE ARE DELOYED AT SCARBOROUGH
HS SHELTER X WE HAVE
VHF PACKET VHF PHONE DIGITAL
DMR
BT
PETER HATEM VP WSSM
ARRL SGL/ASM
AR

1 P WX1GYX 30 NWS GRAY 1333Z OCT 22
TIM WATSON CCEMA
22 HIGH ST
WINDHAM ME 04062
NO PHONE KB1HNZ ATSIGN YAHOO DOT COM
WX REPORT 20221022: 0941
BT
CONDITIONS ARE CHANGING IN THE
NEXT 24 HRS DUE TO
A LOW PRESSURE SYSTEM MOVING
WEST ACROSS THE GREAT LAKES
PRESSURE IS 948MB AND CHANCE
OF 60MPH WIND GUST
BT
ERIC EMERY WX1GYX
WX1GYX
WS1EC
AR

Go Team 1 Traffic

*** Connected to station CCEMA 10/22/2022 12:06:32 PM

Welcome to the WS1EC-15 node Located in Windham, ME at the Cumberland County EMA.

Applications

BBS Inter-node Mail
RMS Winlink Email
CHAT Chat Rooms

FORTUNE Cheer up with a joke
BANDS HamQSL.com report
SPACE NOAA Space Weather
WX NWS Weather Reports
QRZ QRZ.com Call Lookup

I Node info
B Disconnect

? in most apps for commands

de WS1EC>

:>WX

Connected to WX

Weather Services

- 1) Maine/New Hampshire Weather Summary
2) Maine/New Hampshire Weather Roundup
3) Western Maine/New Hampshire Forecast
4) Northern and Eastern Maine Forecast
5) Maine/New Hampshire Max/Min Temperature
and Precipitation Table

#1-5), R)elist, A)bout, Q)uit :>

:>1

000

AWUS81 KGYX 221350

RWSGYX

Weather Summary for Maine and New Hampshire

National Weather Service Gray ME

950 AM EDT Sat Oct 22 2022

High pressure provides warm, dry weather and ample sunshine

today after a chilly morning. Sunday will start with more sunshine than not, however clouds will fill in and lower through the day as low pressure moves north along the Eastern Seaboard. Rain is likely near the Mass border by around sunset, and will spread north and east through Sunday night and Monday. Unsettled, warm, and potentially foggy conditions prevail for much of the coming work week.

\$\$

#1-5), R)elist, A)bout, Q)uit :>
:>Q

Exiting...

Returned to Node CCEMA:WS1EC-15

:>B

*** Disconnected from station CCEMA 10/22/2022 12:13:16 PM

Message ID: QLOM01BEL4RC

Date: 2022/10/22 15:55

From: KC1JMH

To: WS1EC

Source: KC1JMH

Location: 43.60417N, 70.37500W

Subject: Winlink Check in Exercise - KC1JMH - SCARBOROUGH HIGH SCHOOL SHELTER

-

Check-in

Status: [Exercise]

Date/Time: 2022-10-22 11:54:11

Initial Assigned Operators: KC1JMH KC1HBM

Station Contact Name: BRAD BROWN

Call/Tactical Sender: KC1JMH

Location: SCARBOROUGH HIGH SCHOOL SHELTER

GPS Coordinates: LAT 43.604167 LON -70.375000 MGRS Coordinates: 19TCJ8902928828 Grid Square:
FN43to

Band Used: VHF

Session Type: Packet

Call/Tactical Sender: KC1JMH

Comments:

WE ARE CHECKING IN VIA PACKET RADIO BBS

Below Info Used for Copy and Paste to Spreadsheet

TAB Delimited:

2022-10-22 11:54:11 KC1JMH KC1JMH KC1HBM BRAD BROWN SCARBOROUGH
HIGH SCHOOL SHELTER 43.604167,-70.375000 19TCJ8902928828 FN43to VHF Packet WE ARE
CHECKING IN VIA PACKET RADIO BBS

Semicolon Delimited Values:

;2022-10-22 11:54:11;KC1JMH;KC1JMH KC1HBM;BRAD BROWN;SCARBOROUGH HIGH SCHOOL
SHELTER;43.604167,-70.375000;19TCJ8902928828;FN43to;VHF;Packet;WE ARE CHECKING IN VIA PACKET
RADIO BBS

Winlink Check in 4.0.8.4

[No changes or editing of this message are allowed]

Message ID: 3BYRJNLY679L

Date: 2022/10/22 15:12

From: KC1JMH

To: WS1EC

Cc: KB1HNZ

Source: KC1JMH

Location: 43.60417N, 70.37500W

Subject: QTC 1 R WINDHAM ME 04062

51 R KC1JMH 28 SCARBOROUGH ME 1503Z OCT 22
TIM WATSON WS1EC ARES CUMBERLAND COUNTY EMA
22 HIGH STREET
WINDHAM ME 04062
NO PHONE
MAINE SET 2022 202210221506Z
BT
THIS IS GO TEAM 1
CHECKING IN FROM SCARBOROUGH HIGH
SCHOOL X BUDDIPOLE WAS MIXED
SUCCESS X MORE TRAINING AND
TESTING OF COMPONENTS NEEDED FOR
MORE EXPEDIENT ASSEMBLY
BT
BRAD BROWN KC1JMH PRES WSSM
WINLINK
AR

Message ID: ETAUIZM9V7TP
Date: 2022/10/22 15:28
From: KC1JMH
To: WX1GYX
Source: KC1JMH
Location: 43.60417N, 70.37500W
Subject: Re: MESET WX REPORT

Received your message at Scarborough High School Shelter.
73 KC1HBM

----- Message from WX1GYX sent 2022/10/22 12:39 -----

Message ID: GEVDD2KUTRUP
Date: 2022/10/22 12:39
From: WX1GYX
To: WS1EC; KBT1CE; N1R XR; KC1JMH; KB1HNZ
Source: WX1GYX
Location: 360.00000N, 360.00000E
Subject: MESET WX REPORT

Message ID: NYISTMINYN3U
Date: 2022/10/22 15:38
From: KC1JMH
To: WS1EC
Source: KC1JMH
Location: 43.60417N, 70.37500W
Subject: QTC 1 R WINDHAM ME 04062

52 R KC1HBM 16 SCARBOROUGH ME 1532Z OCT 22
TIM WATSON WS1EC ARES EC
WINDHAM ME 04062
NO PHONE
RESPONSE TO SET MESSAGE 202210221535Z
BT
WE ARE DELOYED AT SCARBOROUGH
HS SHELTER X WE HAVE
VHF PACKET VHF PHONE DIGITAL
DMR
BT
PETER HATEM VP WSSM
ARRL SGL/ASM
AR

Message ID: RDABUO6MZRAS
Date: 2022/10/22 14:59
From: KC1JMH
To: RRI-REGION1
Cc: RRI-ARCHIVE; KE4UCW; KB1HNZ
Source: KC1JMH
Location: 43.60417N, 70.37500W
Subject: QTC 1 R LISBON ME 04250

50 R KC1JMH 23 SCARBOROUGH ME 1453Z OCT 22
KEITH ANOE KE4UCW ARES SEC
LISBON ME 04250
NO PHONE
MAINE SET 2022 202210221457
BT
THIS FIELD STATION CHECKS IN
FROM SCARBOROUGH HIGH SCHOOL SHELTER
X WE ARE WIRELESS SOCIETY
OF SOUTHERN MAINE WITH CUMBERLAND
COUNTY X 73
BT
BRAD BROWN KC1JMH PRES WSSM
WINLINK
AR

Local Ham Group Participates in Statewide Exercise

On Saturday, October 22nd, members of the Wireless Society of Southern Maine Emergency Communications Team (WSSM-ECT), which meets monthly in Scarborough, will participate in a statewide drill to test their communications capabilities between various different sites throughout Cumberland County and the state. The drill, known as the Simulated Emergency Test, or SET, is an annual exercise, sponsored by the American Radio Relay League, which encourages amateur radio operators from across the country to test their communications skills during a mock disaster.

During the SET, hams are required to quickly establish communications between various Emergency Operations Centers and exchange formal messages and traffic, which contain requests for supplies, medical information, or weather reports, or other information that may be of importance during a disaster. They do this via voice, Morse code, and digital two-way radio, on bands ranging from HF to UHF, as required.

“Similar to previous years, there’s has been statewide coordination for the SET, and Maine ARES and others have developed a plan that involves testing both amateur radio and EMA communications,” says Tim Watson, of Saco. Watson is a founder of the Wireless Society of Southern Maine, which provides communications support for Cumberland County EMA, as well as the National Weather Service. “The SET tests how we respond during large- scale disasters, where commercial infrastructure has failed. In these events, hams are often the only source of communications.”

“The hams in our club are a dedicated group,” adds club President, Brad Brown, of Waterboro. “Amateur radio has a long history of volunteerism. Sure, it’s a hobby and there’s some fun things that we do like lighthouse expeditions or competitive events like contesting, but so many like to stay sharp by providing support for community events, and drills like this, so they’ll be ready to offer their time and expertise when disaster strikes.”

The Wireless Society of Southern Maine’s Emergency Communications Team is participating in their eighth SET. After the event, the participants will do an assessment to determine how well they performed and look for areas to improve upon. “There’s always new things to learn and ways to improve,” says Watson. “This year we’ll be testing some updates that have been made to the statewide digital packet network, which we use for sending messages. We hope to learn more about its capabilities and how to improve it for the future.”

For more information about amateur radio, or the Wireless Society of Southern Maine, please visit their website at: <http://www.mainehamradio.com>