

2019 Field Day Report – Wireless Society of Southern Maine

Summary

Submitted by: **Tim Watson, KB1HNZ** E-mail: kb1hnz@yahoo.com

Call Used: **WS1SM** GOTA Station Call: **N5QYQ** ARRL/RAC Section: **ME** Class: **3A**

Participants: **33** Club/Group Name: **Wireless Society of Southern Maine**

Power Source(s): **Battery, Solar**

Power Multiplier: **2X**

Preliminary Total Score: 7,020

Bonus Points:		
Bonus	Points	Status
100% emergency power	300	
Media publicity	100	Documented by WS1SM_FD19_Media_Publicity.pdf
Public location	100	
Public information table	100	Documented by WS1SM_FD19_Public_Information_Table.pdf
Formal message to ARRL SM/SEC	100	Documented by WSSM_FD19_Formal_Message_SM.pdf
W1AW Field Day message	100	Documented by WS1SM_FD19_W1AW_Field_Day_Message.pdf
Formal messages handled (11 x 10, max of 100)	100	Documented by WSSM_FD19_Formal_Messages_Handled.pdf
Natural power QSOs completed	100	Documented by WSSM_FD19_Natural_Power.pdf
Site visit by invited elected official	100	
Site visit by invited served agency	100	
Educational activity	100	
Youth participation (2 x 20, max of 100)	40	
Safety officer	100	Documented by WS1SM_FD_Safety_Officer_Report.pdf
Social media	100	
Satellite QSO	100	
Entry submitted via web	50	
Total bonus points	1,690	

Score Summary - Cabrillo log/dupe sheet file:

WS1SM_FD19.log

	CW	Digital	Phone	Total
Total QSOs	965	6	723	

Total Points	1930	12	723	2665
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Claimed Score = (QSO points x power mult)
= **5,330**

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
Band	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	21	100			24	100
40m	440	100			350	100
20m	407	100	4	100	272	100
15m	77	100			2	100
10m	20	100			1	100
6m					25	100
2m			2	50	4	50
222						
432						
Other						
Satellite					1	50
GOTA					44	100
Total	965		6		723	

Name	Call	QSOs	Bonus Points
Rick Alderette	KB1ASM	1	0
Dave Wood	KB1FGF	9	0
Waylon McDonald	KC1HJN	7	0

Anne McBride	KC1KWH	6	0
Daniel Fransiscus	KC1DUN	2	0
Josh Brown	KC1KTX	17	0
Delia Brown	(NONE)	2	0

GOTA Champions: Mike Fandell N5QYQ, and Steve McGrath AA1HF



Above left: Josh Brown KC1KTX, has a QSO with K8DF. Above right: Daniel Franciscus KC1DUN, makes his first HF contact!

100 Percent Battery Power

We operate the entire 24 hours on battery power, using primarily deep cycle marine batteries, as well as some solar-charged batteries, which are smaller SLA types.

Public Information Table

Recruiting new members and guiding newcomers into the hobby is an ongoing effort by our club. We setup our table (and sometimes a demonstration station) at community fairs, churches, hamfests, and just about anywhere we can generate interest in amateur radio.

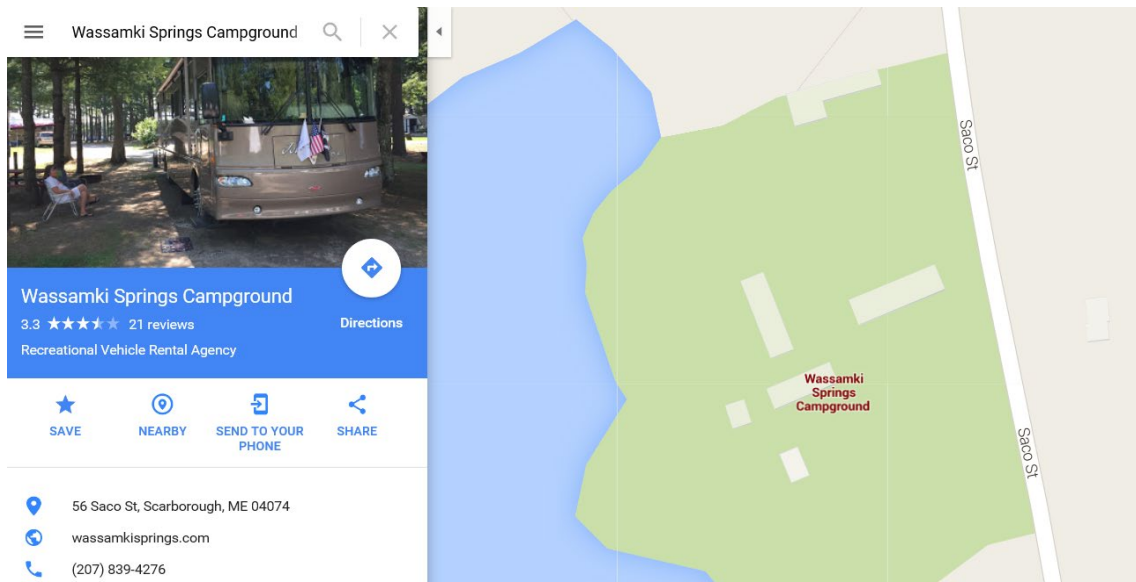
On the right (and below) are photos of our public information table, complete with ham radio and club-related handouts.





Public Location

WSSM Field Day was held at Wassamki Springs Campground, located on Saco Street, in Scarborough, ME. We're grateful to the Hillock Family for allowing us to operate on the front lawn of their facility since 2010. The campground offers plenty of space to spread out, a public location which sees constant traffic throughout the weekend, and access to camping and restroom facilities as well.



Click the image above to learn more about Wassamki Springs Campground

Media Publicity

For WSSM Field Day 2019, we sent press releases to 5 area newspapers, including the Portland Press Herald, Scarborough Leader, Saco & Biddeford Courier, Scarborough Sentinel, and Gorham Times, as well as News Radio 560 WGAN and Maine Public Radio. We also sent the announcement to two television channels – WCSH 6 (NBC affiliate from Portland), and WMTW 8 (ABC affiliate from Portland).

Wireless Society to Return to Wassamki Springs for Ham Radio Field Day

Members of the Wireless Society of Southern Maine are set to participate in the national Amateur Radio Field Day exercise June 22-23 at Wassamki Springs Campground, 56 Saco Street, Scarborough.

The public is encouraged to attend on Saturday, June 22, from 2p.m. to 8 p.m.

For more than 100 years, amateur radio – sometimes called ham radio – has allowed people from all walks of life to experiment with electronics and communications techniques, as well as provide a free public service to their communities during a disaster. Field Day demonstrates ham radio's ability to work reliably under any conditions from almost any location and create an independent communications network. More than 35,000 people from thousands of locations participated in Field Day last year.

"Field Day is part emergency communications exercise, and part competition, where we accumulate points and test our operating skills against other clubs and individuals around the U.S. and Canada," says club Vice President, CJ Carlsson, of Portland, ME.

During the event, participants will try to earn points by meeting specific goals as outlined by the *American Radio Relay League (ARRL)*. Some of these include handling and delivering messages, hosting educational activities, and making contacts with other amateurs through various methods, such as voice, telegraphy, satellites, and digital technology.

"This is a fun event that gives us an opportunity to share our passion with the community and to improve our operating skills, all while getting everyone out there and on the air," says Carlsson.

Field Day, which has taken place annually since 1933, is designed to test radio operators' ability to quickly setup and operate portable stations in emergency conditions.

"The entire operation will exclusively use emergency power sources like batteries, or solar energy, in order to simulate how things would be during a catastrophic event," says club member, Tim Watson, of Saco. "The public should be aware that in the event of an emergency, we're ready to assist in any way that we can. While people may have the impression that cell phones and other technologies are good enough, we stand by as a trained pool of experienced radio operators to provide the vital communication services others may not. Hams have

provided emergency communications during hurricanes, earthquakes, wildfires, floods, blackouts, and other disasters, where more complex and fragile communications systems, such as cell networks, have failed or become overloaded.”

The Wireless Society of Southern Maine’s Emergency Communications Team provides communications support to the Cumberland County Emergency Management Agency and members also support the National Weather Service’s SKYWARN operations in Gray, ME.

“Since 2014, the *Wireless Society of Southern Maine*, using call sign WS1SM, has recorded the highest Field Day score in Maine and hopes to finish on top again in 2019,” says Carlsson. “The public is welcome to attend the event and if anyone is interested in learning more about the hobby, we’ll be glad to help.”

Anyone can become a licensed amateur radio operator. There are more than 725,000 licensed hams in the United States, as young as 5 and as old as 100. The Wireless Society of Southern Maine is ready to help anyone get involved and licensed right here in Scarborough. For more information about Field Day, and amateur radio in general, please visit: <http://www.mainehamradio.com>

ARRL Radiogram Message to Section Manager

On Saturday, we sent a pre-composed message to the Section Manager via Winlink, which was forwarded by W1PBR to the Digital Traffic Net.

1 R WS1SM 25 SCARBOROUGH ME 1801Z JUN 22
BILL CROWLEY K1NIT
150 MAPLE STREET
FARMINGDALE ME 04344
NO PHONE
K1NIT ATSIGN ARRL DOT NET
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE IN SCARBOROUGH
X WE HAVE 34 PARTICIPANTS
OF WHICH 8 ARE ARES
BT
TIM KB1HNZ
AR

Natural Power QSOs Completed

Charlie W1CPS made 5 QSOs via solar power on 6 meters! Here's his list of natural power QSOs:

06-22	1810	K1R	50165	USB	3A	NH
06-22	1856	N1WUU	50165	USB	1D	NH
06-22	1859	N1UVI	50165	USB	1D	ME
06-22	2008	K1UC	50165	USB	1D	ME
06-22	2144	WA4Q	50185	USB	1D	KY



Above is the solar panel we used, during one of the few sunny periods we experienced during all of Field Day.

Site visited by Invited Elected Officials

For Field Day 2019, club officer Peter Hatem KC1HBM invited state representatives Shawn Babine, and Chris Cuazzo, of Scarborough, ME who were given a tour of the Field Day site, including the GOTA station. Both reps visited Saturday and stayed for over an hour, asking questions, and showing a genuine interest in Amateur Radio.



From left to right: Rep. Shawn Babine, Scarborough, ME; Rep. Chris Cuazzo, Scarborough, ME, Michael Fandell (2019 GOTA Station Champion and N5QYQ), Member of the Gorham-Westbrook, ME Chamber of Commerce Board of Directors; Peter Hatem, KC1HBM; and Ann McBride KC1KWH.

Site visited by Invited Representative of a Served Agency

On Sunday we were also joined by David Feeney who represents the Cumberland County Emergency Management Agency. David Feeney is a Planner for CCEMA.



Above left to right: Tim Watson, KB1HNZ (WSSM), and David Feeney (CCEMA)

Youth Participation

For 2019, we were joined by Waylon McDonald KC1HJN, Jordan Brown, Delia Brown, and Daniel Franciscus KC1DUN.



Educational Activity

Our educational activities this year included a lesson about SWR and antennas, by Steve McGrath AA1HF, and also included an antenna installation demonstration using a pneumatic tennis ball launcher.

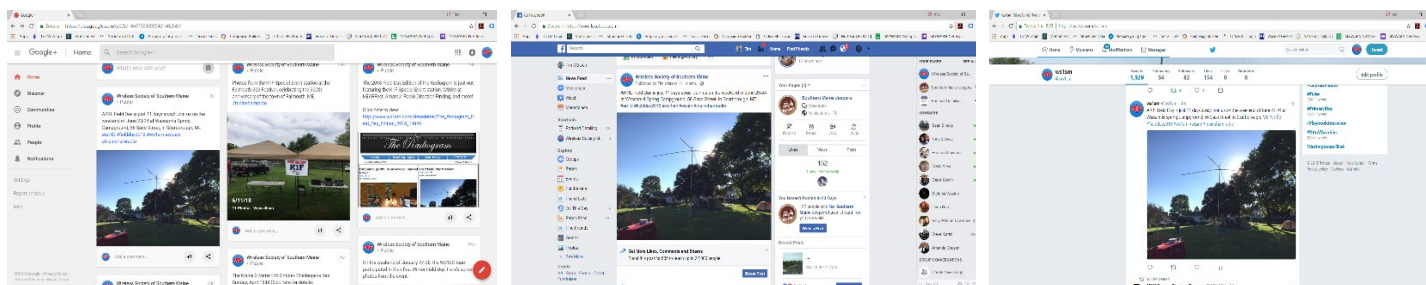


Above left: Steve AA1HF, demonstrates installing a wire antenna using a pneumatic tennis ball launcher.

Social Media

Our club has been active on social media for a number of years, beginning with Twitter in 2010. We utilize Social to make announcements and drive interest in our club, and have recently begun running campaigns on Facebook to increase brand awareness of WSSM.

Here's screen captures of some of our pages:



Click on any of the images to link to our social media pages. Don't forget to follow, + and like! Besides our regular postings preceding and throughout Field Day, we also made postings to the 2019 ARRL Field Day group on Facebook.

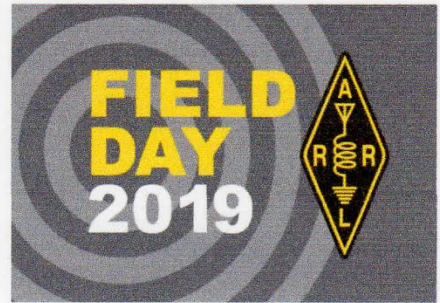
Safety Officer

Our Safety Officer for 2019 was Eric Emery, KC1HJK. Eric did an excellent job of educating, overseeing, and following up to make sure we were conscious of safety throughout Field Day.

Attached below, you'll find an image of one of Eric's notices, and his checklist:



ARRL Field Day Safety Officer Checklist



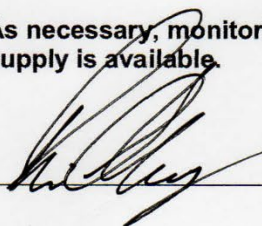
To qualify for the 100-point Safety Officer bonus (for Class A stations), a group must appoint a qualified person/s who are present at their site from the beginning of set-up until the end of break-down.

This form is NOT intended to be all inclusive.

The Safety Officer/s certify by submitting this form that due diligence was made to provide a safe operation.

[check (or circle) any/all that apply]

- ✓ Safety Officer/s or qualified designated assistant/s was on site for the duration of the event.
- ✓ Fuel for generator properly stored.
- ✓ Fire extinguisher on hand and appropriately located.
- ✓ First Aid kit on hand.
- ✓ First Aid - CPR - AED versed else trained participant/s on site for full Field Day period.
- ✓ Access to NWS alerts to monitor for inclement weather.
- ✓ Tent stakes properly installed and marked.
- ✓ Temporary antenna structures properly secured and marked.
- ✓ Site secured from tripping hazards.
- ✓ Site is set up in a neat and orderly manner to reduce hazards.
- ✓ Stations and equipment properly grounded.
- ✓ Access to a means to contact police/fire/rescue if needed.
- ✓ Safety Officer is designated point of contact for public safety officials.
- ✓ Minimize risks and control hazards to ensure no injuries to public.
- ✓ As necessary, monitoring participants for hydration and ensuring an adequate water supply is available.

 - KC1HJK

signature(s) / call(s)

6/23/2019

date

Revised 2/2019

WSSM 2019 FIELD DAY

Safety Officer: Eric Emery - KC1HJK.

Date: 6/22/19-6/23/19.

Location: 56 Saco Rd, Scarborough, ME.

Report: During the event. All guidelines where met for the event. All safety communications were properly advised of any dangers in advanced notice, to provide adequate time for taking care of making sure the stations in the event knew of any changes approaching them while operating. During the event there was no emergency calls and all personal at the event was hydrated and checked on for heat related symptoms or over excursion. During the event breaks where required for individuals who had extensive amount of time operating. Public restrooms are available within walking distances of the event. Proper signage was displayed for the event.



Safety Officer Signature and Callsign

KC1HJK

6/23/2019

Date

KC1HJK
VERIFIED FROM VACATIONLAND
STATE OF MAINE, USA
ERIC EMERY 732

Field Day Bulletin

W1AW Field Day Message

Frank Krizan, KR1ZAN copied the messages. The first message was copied on 22 June 2019 0100Z using PSK31 (BPSK) on 14095 kHz.

The second message was copied on 22 June 2019 0122Z using RTTY 45.45 baud on 14095 kHz.

[Field Day Message #1]

ZCZC AX06

QST de W1AW

Special Bulletin 6 ARLX006

From ARRL Headquarters

Newington CT June 21, 2019

To all radio amateurs

SB SPCL ARL ARLX006

ARLX006 2019 W1AW Field Day Bulletin

An emergency preparedness exercise, social gathering, or friendly competition - all these terms and more describe ARRL Field Day 2019.

This event offers seasoned operators and newcomers the opportunity to hone their skills and get on the air under less than ideal conditions in the field.

With all operating modes permitted, many groups may find the Digital Modes, including MSK, PSK, FT8, and others, a highlight while demonstrating their stations to served agencies and the public.

In today's communications environment, one of the best ways for Amateur Radio to interact with the public is through social media. Use Twitter, Facebook, Instagram and other platforms as a quick and easy way to let people know what you are doing before, during and after Field Day.

Earn bonus points for using social media to promote FD. For more information, see the Field Day rules and use #ARRLFD.

Each time you share your excitement on-the-air or in person at events like Field Day, you increase the opportunities to pass that

excitement on to others - the prospective new Hams in your communities. Good luck and 73!
NNNN

[Field Day Message #2]

ZCZC AX06
QST DE W1AW
SPECIAL BULLETIN 6 ARLX006
FROM ARRL HEADQUARTERS
NEWINGTON CT JUNE 21, 2019
TO ALL RADIO AMATEURS

SB SPCL ARL ARLX006
ARLX006 2019 W1AW FIELD DAY BULLETIN

AN EMERGENCY PREPAREDNESS EXERCISE, SOCIAL GATHERING, OR FRIENDLY COMPETITION - ALL THESE TERMS AND MORE DESCRIBE ARRL FIELD DAY 2019.

THIS EVENT OFFERS SEASONED OPERATORS AND NEWCOMERS THE OPPORTUNITY TO HONE THEIR SKILLS AND GET ON THE AIR UNDER LESS THAN IDEAL CONDITIONS IN THE FIELD.

WITH ALL OPERATING MODES PERMITTED, MANY GROUPS MAY FIND THE DIGITAL MODES, INCLUDING MSK, PSK, FT8, AND OTHERS, A HIGHLIGHT WHILE DEMONSTRATING THEIR STATIONS TO SERVED AGENCIES AND THE PUBLIC.

IN TODAY'S COMMUNICATIONS ENVIRONMENT, ONE OF THE BEST WAYS FOR AMATEUR RADIO TO INTERACT WITH THE PUBLIC IS THROUGH SOCIAL MEDIA. USE TWITTER, FACEBOOK, INSTAGRAM AND OTHER PLATFORMS AS A QUICK AND EASY WAY TO LET PEOPLE KNOW WHAT YOU ARE DOING BEFORE, DURING AND AFTER FIELD DAY.

EARN BONUS POINTS FOR USING SOCIAL MEDIA TO PROMOTE FD. FOR MORE INFORMATION, SEE THE FIELD DAY RULES AND USE (POUNDSIGN)ARRLFD.

EACH TIME YOU SHARE YOUR EXCITEMENT ON-THE-AIR OR IN PERSON AT EVENTS LIKE FIELD DAY, YOU INCREASE THE OPPORTUNITIES TO PASS THAT EXCITEMENT ON TO OTHERS - THE PROSPECTIVE NEW HAMS IN YOUR COMMUNITIES. GOOD LUCK AND 73.
NNNN

Satellite QSO

W2ORC 06/23/2019 16:37 UTC 145.955 2F WNY AO91

Formal NTS Traffic Handled: 10

Attached below are copies of the messages that were handled and forwarded throughout Field Day. Most messages were relayed via Winlink to various parties.

RRI-REGION1;
RRI-ARCHIVE;
QTC 1 R BURNHAM ME 04922

2 R KB1HNZ 24 SCARBOROUGH ME 1803Z JUN 22
JOY LYNNE FOSS K1SEW
PO BOX 59
BURNHAM ME 04922
NO PHONE
K1SEW ATSIGN ARRL DOT NET
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE IN SCARBOROUGH
X HOPE YOU ARE HAVING
FUN ON THE BANDS
BT
TIM KB1HNZ
AR

RRI-REGION10;
RRI-ARCHIVE;
QTC 1 R DULUTH MN 55811

3 R KB1HNZ 25 SCARBOROUGH ME 1805Z JUN 22
RYAN MICHAELSON KB1YTR
235 E LOCUST STREET
DULUTH MN 55811
207 712 6348
RYAN DOT MICHAELSON ATSIGN GMAIL DOT COM
BT
GREETINGS FROM THE FIELD DAY
SITE OF WS1SM IN SCARBOROUGH
X HOPE YOU ARE ENJOYING

HELPING OUT WITH THE MARATHON
X SEND US SOME PHOTOS
BT
TIM KB1HNZ
AR

RRI-REGION1;
RRI-ARCHIVE;
QTC 1 R NORTH WATERBORO ME 04061

4 R KB1HNZ 22 SCARBOROUGH ME 1811Z JUN 22
FRANK ALLEN W1FRA
395 CHADBOURNE RIDGE ROAD PO BOX 25
NORTH WATERBORO ME 04061
207 400 0133
ALLENFR ATSIGN GMAIL DOT COM
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE IN SCARBOROUGH
X WE SAVED A HAMBURGER
FOR YOU
BT
TIM KB1HNZ
AR

RRI-REGION1;
RRI-ARCHIVE;
QTC 1 R AUBRN ME 04210

5 R WS1SM 25 SCARBOROUGH ME 1815Z JUN 22
DAVID LOWE WE1U
66 HIGH STREET APT 2
AUBRN ME 04210
NO PHONE
DAVIDLOWEMESEC ATSIGN GMAIL DOT COM
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE IN SCARBOROUGH
X THANKS FOR STOPPING BY
AT OUR MEETING LAST MONTH
BT
TIM KB1HNZ
AR

RRI-REGION1;

RRI-ARCHIVE;
QTC 1 R GORHAM ME 04038

6 R KB1HNZ 22 SCARBOROUGH ME 1816Z JUN 22
THOM WATSON W1WMG
16 HOPE DRIVE
GORHAM ME 04038
207 839 0402
W1WMG ATSIGN YAHOO DOT COM
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE IN SCARBOROUGH
X GOOD LUCK AT THE
DOG SHOW
BT
TIM KB1HNZ
AR

RRI-REGION5;
RRI-ARCHIVE;
QTC 1 R PLANO TX 75075

7 R WS1SM 25 SCARBOROUGH ME 1818Z JUN 22
FRANK KRIZAN KR1ZAN
1200 GARDENGROVE CT
PLANO TX 75075
214 563 6679
KR1ZAN ATSIGN ARRL DOT NET
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE X MISS
HAVING YOU HERE X HOPE
YOU AND NANCY ARE WELL
BT
TIM KB1HNZ
AR

RRI-REGION11;
RRI-ARCHIVE;
QTC 1 R RO 014730 BUCHAREST 2

8 R KB1HNZ 21 SCARBOROUGH ME 1820Z JUN 22
ADRIAN SINITARU YO3APJ
PO BOX 2 DASH 20
RO 014730 BUCHAREST 2 ROMANIA

NO PHONE
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE X HOPE
TO CATCH YOU ON THE
BANDS
BT
TIM KB1HNZ
AR

RRI-REGION11;
RRI-ARCHIVE;
QTC 1 R VALEA CALUGAREASCA PH 107620

9 R K1GJY 24 SCARBOROUGH ME 1827Z JUN 22
GAVRILA CHIRUTA YO9ICG
STR VALEA URSOII 16
VALEA CALUGAREASCA PH 107620 ROMANIA
NO PHONE
BT
HELLO FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE X HOPE
THIS MESSAGE FINDS YOU WELL
X LOTS OF LOVE
BT
STEFANIA K1GJY
AR

N1XP;
RRI-ARCHIVE;
QTC 1 R E WATERBORO ME 04090

10 R WS1SM 21 SCARBOROUGH ME 1831Z JUN 22
ROGER PIENCE N1XP
149 ROBERTS RIDGE ROAD
E WATERBORO ME 04090
207 608 9635
ROGER ATSIGN N1XP DOT COM
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE X HOPE
TO CATCH YOU ON THE
BANDS
BT

TIM KB1HNZ
AR

KC1ETT;
RRI-ARCHIVE;
QTC 1 R WELLS ME 04090

11 R WS1SM 21 SCARBOROUGH ME 1835Z JUN 22
JAMES WHITE KC1ETT
PO BOX 654
WELLS ME 04090
NO PHONE
BT
GREETINGS FROM THE FIELD DAY
SITE OF THE WIRELESS SOCIETY
OF SOUTHERN MAINE X HOPE
TO CATCH YOU ON THE
BANDS
BT
TIM KB1HNZ
AR



