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# OCTOBER 2023 ISSUE

OFFICIAL MAILING ADDRESS,
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# IT'S ANTENNA SEASON!!











## The President's Podium Ed Snyder WIYSM President



#### PRESIDENT'S COLUMN, OCTOBER 2023

#### WHAT WILL 2024 BE ALL ABOUT - AT MARC?

A question that I am being asked more frequently these days is what are the plans for MARC in 2024? Assuming I am re-elected, I have three major projects. The first one is to work on the upgrading the Reflector, redesigning the Club Website, and addressing issues regarding our social media activity. We have a new standing committee that will address these areas-- The Community Outreach and Communications Committee (COCC). The person most directly involved with this will be Kristin KC1ISI, who has stepped up and agreed to Chair the Committee. She is in the process of selecting members and developing a Strategic Plan for how this will happen. Most likely, as all things like this go, some people will feel that we're going in the right direction, others will argue we are going in the wrong direction, and others will have a wait-and-see attitude. The Important thing is the COCC will actually generate discussion and hopefully will actually do something. Depending on what Kristin's Committee comes up with, it is possible MARC maybe asked to provide some funding if they find that there is a need for commercial input such as for web design. We shall see – and we shall vote.

The second issue major initiative will be for Phase 2 of the Marconi Project. Phase 1 was to formalize the 8 Programs (POTA; Fox Hunts; CW Training; Satellite Comms;

VE Sessions; Served Agencies; NCS Training and Amateur Radio - Balloon Science), buy the equipment and write the Operational Guidelines. All of this has been completed. All the Phase 1 money has been dispensed and all the goals have been met. We are now able to move forward with Phase 2, which is to find three or five Low Activity Clubs. These are Clubs that may need a helping hand to become more active. The main purpose of the MARCONI Project was to have MARC Elmer other clubs that were less active. I will work with the CT Section Manager Bud W1NSK, and the ARRL to identify and approach these 3-5 clubs to see if they might like to work with us to incorporate one or more of the MARCONI Programs into their club's activities. This would be in the hopes of stimulating activity and increasing their membership. We shall see if this Phase 2 becomes successful. We have already begun to work with other clubs for POTA and Fox hunting.

The third and last major initiative relates to the Nutmeq Hamfest. The Nutmeq Hamfest is the State Convention for Amateur Radio. Accordingly, we have an obligation to provide a premier product of which we can be proud. We have reopened the "Nutfest" after a hiatus of a couple of years during Covid. Clearly, based on last year's event, the pandemic has taken its toll on the on the Nutmeg Hamfest with decreased attendance, decreased vendor activity, increased costs, etc. This, our second year back, I am hopeful the event will be more successful. We have had to change venues because our usual hotel changed ownership. The venue we now use. Best Western Plus, has also changed hands from last year. We hope the new ownership will be able to provide more amenities than we had last year. I'm writing this article before the event on October 8, so I'm not sure how it turned out. Hopefully, well. Regardless, the important point is that the Nutmeg Ham Convention, in my opinion. can no longer function as a separate entity. There's growing concern among MARC club members that the Nutmeg Alliance is not running as it used to, and that the MARC membership is excluded from all input. I believe, the leadership of the Alliance needs to change. Accordingly, I will make a proposal next year, after much discussion and probably another Town Meeting, to have the Nutmeg Hamfest become a Standing Committee of the Meriden Amateur Radio Club. This might require another amendment to the Constitution. I am not sure. This change will not occur overnight and it will not be a quick decision. Again, we shall see. Have no fear, there will be enough angst to go around, for all involved.

Other than the above, I plan to just maintain what we're doing regarding regular Amateur Radio things, increasing our balloon activities, and continuing to reach out to and attract new Amateur Radio operators. I might want to explore developing an XYL/YL radio activity of some sort. I don't have any other major plans. Certainly, other things can happen that we will have to attend to. Of course, all this is predicated, from my perspective, on my being re-elected. If that does not happen, I will leave it to the next President to make such decisions and come up with his/her Strategic Plan. If all else fails, there is always Neil's donuts and coffee.

Now where did I put that chew-rag?

Ed W1YSM, President MARC

OCTOBER BUSINESS MEETING THURSDAY 10/12 ON ZOOM ONLY **7PM START** 

## WE WILL BE ACCEPTING NOMINATIONS FOR CLUB OFICERS,,

**Zoom credentials for Business Meeting are** 966 7099 0175 Password 157710

Ed W1YSM President, W1NRG

> VE SESSIONS AT THE OEM, 143 HOPE HILL ROAD WALLINGFORD **EVERY 2ND SATURDAY, NEXT ONE IS SATURDAY OCTOBER 14, 2023**

#### MARC CALENDAR OF EVENTS **OCTOBER TO DECEMBER 2023**

**THURSDAY OCT12 OCTOBER BUSINESS MEETING SATURDAY OCT 14 VE SESSION** 

**THURSDAY OCT 26** JOHN ELLSWORTH—FROM THE VINTAGE RADIO & COMMUNICATIONS MUSEUM OF CT.

**THURSDAY NOV 9 NOVEMBER BUSINESS MEETING ZOOM** 

**SATURDAY NOV 11 VE SESSION** 

**THURSDAY NOV 23 ACTIVITY CANCELLED FOR THANKSGIVING DAY** 

**THURSDAY DEC 7** CHRISTMAS PARTY AT SERAFINO'S

**SATURDAY DEC 9** CQ SANTA & VE SESSION

**THURSDAY DEC 14 BUSINESS MEETING** 

**THURSDAY DEC 28 ACTIVITY CANCELLED FOR CHRISTMAS** 

#### **FUTURE CERT TRAINING IN WALLINGFORD**

The Wallingford Office of Emergency Management will be holding a CERT training class at the OEM starting in January 2024. Many of our club members are already on the team. If you would like to be part of the team let me know and I will email you an application. The course is about 8 weeks and does require you to take and pass some online FEMA courses before taking the course. Any other questions please talk to myself, Eric, Kristin, Ed, Rob other any other team member about what we do.

Thanks
Joe Murray N1LES

### KEITH N1NGV RECENTLY HAD TO SEND HIS FTDX10 TO YAESU AND THIS IS THEIR REPLY WHICH I THOUGHT WAS VERY INTERESTING

\*\*\* Repeated failure due to improper protective practices as suggested below may not be considered for future warranty repairs of this specific issue \*\*\*

Based on the issue found with your radio, please consider the following helpful tips: The FTDX10/FTDX101D/MP/ FT-710 AESS monitor feature has a 150mA internal protection fuse that protects the main-board from damage due to voltage exceeding 5vdc. The source of this voltage is from the use of monitors or converters with voltage output exceeding 5vdc, and/or excessive RF coming back on the radio due to high powered amplifiers, poor equipment grounding or unshielded cable connections.

This type of damage can be prevented by turning off the radio and discharging static electricity from your hands when connecting and disconnecting cables, using a good earth ground on the radio, external tuner, amplifier and using RF chokes on all transmission cables and antennas mounted outdoors as far from the ham shack as is practicable ( refer to FCC Maximum Permissible Exposure (MPE) rules SEC. 97.13, 97.503,1.1307 (b)(c)(d),1.1310 and 2.1093). Additional tips and helpful products

To help you select the correct converter and cable, please check these links to a converter and cable

Yaesu knows to be compatible with your radio. CAUTION: These devices are not protected from high RF Exposure.

If you prefer using a HDMI monitor, we recommend this DVI-D cable and the HDMI/DVI Male to Female 3-in-1 converter. Do not use the referenced converter for use with a VGA port on a monitor.

DVI-D MALE to DVI-D MALE CABLE <a href="https://tinyurl.com/6yt2d4ay">https://tinyurl.com/6yt2d4ay</a>

CABLEDECONN Multi-Function Display Port to HDMI/DVI/VGA Male to Female 3-in-1 Converter



CABLEDECONN Multi-Function Display Port to HDMI/DVI/VGA Male to Female 3-in-1 Converter



Use this converter for VGA



#### Secretary Report & Minutes of the Meriden Amateur Radio Club Bart Toftness N1BRL, Sect.

#### **BUSINESS MEETING SEPTEMBER 14, 2023 ZOOM**

Business Meeting September 14, 2023, 10 in person and 33 members plus 1 guest via Zoom videoconference.

Meeting was called to order by President Ed Snyder, W1YSM at 19:00 EDT

Present at the live in person meeting (10) were N1BRL, W1YSM, KB1JL, KC1OYN, WB1GFI, KC1DOY, KE1AU, KC1THU, K1LHO, and KC1STF. Attending via Zoom (33 +1) were. AB1DQ, K0OZ, K1DMS, K1JCF, K1LYP, K1PET, K1RCT, K1VDF, K1WJL, KB1EHE, KB1IFZ, KB1MFU, KC1ISI, KC1NQE, KC1QLS, KC1SA, N1API, N1BRI, N1GNV, N1LES, N1XXU, N1ZN, NA1L, W1BJG, W1BRY, W1DQ, W1EDX, W1LV, W3APC, WA1TRY, WB1GYZ, WJ1B, WV2LKM, and MaryAnn Palmarozza.

<u>Announcements</u> (W1YSM) The Business Meetings may not continue to be in hybrid format so watch for announcements. The club radio room is available to all members on Sundays by appointment.

<u>Secretary's Report</u> (N1BRL), August Business Meeting minutes were approved by majority vote. Five new applicants were each approved for membership. Michael Zelladonis KC1THU, Paul St. Amand KC1BQP, Steve Goodgame K5ATA, Cyndi Goodgame K5CYN, and Robert Hourigan no callsign issued yet.

<u>Treasurer's Report.</u> The current Treasurer's Report was read by Rick KC1OYN. The complete report is available to members upon request to the Treasurer.

Station Manager's Report (K1RCT), The Station Activity Manager reported Saturday morning activities at the OEM include about 15 to 20 people. The flea market returned \$606 to the club. The POTA style satellite station is being assembled. The "SAFE" messages on the reflector are sent by the Station Activity Manager to desensitize the reflector to allow more messages to be delivered to the members. The full SAM Report is available to members on request to Rob, K1RCT.

New Constitution and By Laws Following much work by the committee and a town hall meeting for members to review and ask questions we are ready for the members to vote their approval or rejection of the newly revised Constitution and By Laws. In attendance were 33 members including one officer via Zoom and 10 members including 4 officers at the OEM. One newly joined member abstained from the vote and no member present voted to reject the new Constitution and By Laws. All of the other 42 members present voted to approve the Constitution and by Laws.

<u>Standing Committees</u>, The September Activity Meeting will be 'Practical Information Regarding Test Equipment in the Ham Shack' by Alan Wolke W2AEW. October will be Josh Ellsworth from the Vintage Radio and Communications Museum. Brian N1BRI our Activities Chair will send announcements via 'all the channels' of upcoming activities so everyone will get the message. The repeater committee will meet and report back on the issues related to trying to 'link' our repeater to others.

Other Activities, Reports of activities of other club groups included activities of the CW Class, Contest Activations, Castle Craig 10-10 and KeyKlix. Rick KC1OYN reported on the upcoming Big E and opportunities to participate. Ray KC1QLS reported on the progress of the balloon project.

<u>Continuing Business</u> The monthly VE Sessions continue to attract multiple examinees including walk-ins. Starting with the October VE session the radio room and the large main room will be closed to members other than the VE team until after the close of the testing sessions. WARG/EMCOM has monthly training sessions for CERT. The CERT Team will participate in Celebrate Wallingford. Volunteers are needed for both the 5K YMCA road race and the Nutmeg Hamfest which occur on Oct. 8. Please contact John N1GNV to volunteer for the Nutmeg Hamfest. A new CERT class is planned for January 2024

The Technician License Class lead by James AB1DQ will start on Wednesday 20 September in cooperation with the Wallingford Park and Rec Program and last for 8 weeks with a VE Session as the last class.

<u>Community Outreach and Communications</u> is a new committee chaired by Kristin KC1ISI who is charged with 'what are we going to do with our webpage, reflector, forum and social media contacts'.

#### **Voting Summary for the August meeting**

Five new applicants were each approved for membership. Michael Zelladonis KC1THU, Paul St. Amand KC1BQP, Steve Goodgame K5ATA, Cyndi Goodgame K5CYN, and Robert Hourigan no callsign issued yet. August Business Meeting minutes were approved by majority vote.

Constitution and By Laws vote. 1 newly joined member abstained from the vote. No member present voted to reject the Constitution and By Laws. All of the other 42 members present including 5 officers voted to approve the Constitution and by Laws.

Meeting was adjourned at 20:50 Respectfully submitted, Bart Toftness, N1BRL

Post meeting note: New member Robert Hourigan KC1TKY, received his callsign 16 Sept. 2023

#### Housatonic Amateur Radio Club Balloon Test "Highly Successful" September 28, 2023 by Phil Temples

Members of the Housatonic Amateur Radio Club, Stratford CT, Dr. J. Pallis, KC1MHU, Gary Moyher, WE1M, and Larry Reed, AB1JC, along with University of Bridgeport and University of New Haven faculty and graduate students met at the University of Bridgeport's Marina Park on September 22, 2023. There they put together the components of a balloon they will launch in Texas next month during the annular solar eclipse as part of NASA and Connecticut Space Grant Consortium's 2023/2024 Solar Eclipse STEM projects. Here they tested the equipment with a tethered balloon full of helium. It is estimated the balloon reached several hundred feet, which was sufficient to test the balloon, ground station, and the connections to University of Montana. The students practiced on the actual hardware they will use next month. All worked well, all was recovered and data was



captured. This was a highly successful test. Students, university faculty and club members will fly to Texas next month to launch this payload during the annular solar eclipse and again fly to Texas in April, 2024, to launch another payload for the full Solar Eclipse.

#### YOUR TREASURER, RICK KC10YN IS MAKING IMPROVEMENTS!

We do our best to keep improving MARC. I'm pleased to announce a direct way to send any amount of monies to the club using PayPal..

We now have a PayPal direct link you can use to send any amount you wish to. https://paypal.me/MARCTreasurer

If you use the above link you will be taken to the login page of <u>your PayPal account</u>. Enter your credentials and the amount you wish to send, approve transaction and the payment will be made. The original way to make a payment for club dues is still available. You can go to the club information page on our website.

https://www.w1nrg.com/website/Club Information/Club Information.html

Use the convenient pull down and select the correct amount, either \$20 for regular member or \$15 for senior (65 or older on Jan 1st) membership. You can also pay for the Xmas Party (\$35 per person) to be held at Serafino's on December 7th.

If both you and your better half are attending you can use the pull down and send two separate \$35 payments, or you can use the direct link ( <a href="https://paypal.me/MARCTreasurer">https://paypal.me/MARCTreasurer</a>) and send one \$70 payment.

Of course you can hand me either cash or check to pay for anything club related whenever you see me.

Thank you for your time and attention. 73 Rick Becker, Treasurer

THE 2023 NUTMEG HAMFEST WAS HELD THIS PAST WEEKEND ON OCT 8TH AND WE WILL HAVE A FULL REPORT WITH PIX'S IN THE NOVEMBER ISSUE OF THE KEY KLIX...

## THE AMATEUR RADIO CLASS AT THE OEM SPONSORED BY THE TOWN OF WALLINGFORD, PARKS & REC'S IS OFF TO A GREAT START







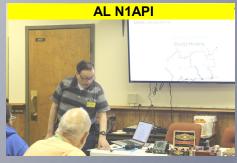














At the ARRL New England Division club presidents meeting (via Zoom) last Saturday, NE Division Director Fred Kammerer AB1OC introduced ARRL Headquarters staff member Sierra Harrop W5DX Public Relations and Outreach Manager, and asked that all clubs report any public service/community events be reported to her so she can publicize them via the ARRL Letter and news releases.

Email info to <a href="mailto:newsmedia@arrl.org">newsmedia@arrl.org</a>



## Jeff N1AKN working the Wallingford CERT booth at Celebrate Wallingford on 10/7.



Joe N1LES and Eric KB1JL working the CERT booth at Celebrate Wallingford on 10/8.



I'd like to acknowledge and thank the following members for volunteering at Celebrate Wallingford CERT Booth: Jeff N1AKN John Y. K1LYP Kristin KC1ISI Rob K1RCT Shawn KC1NQE John R. KB1MFU Rick KC1OYN Joe N1LES Eric KB1JL Steve KC1SA and his XYL Ruth & Dave Devito (unlicensed club member)

Additionally, announcement that a new member CERT class is planned for January. If any club members are interested in joining the CERT team, they can email me for an application at kc1isi15@protonmail.com.

Thanks!

Kristin KC1ISI



#### **Changes To The Castle Craig Chapter Certificate Program**

I have decided to change up the Castle Craig Certificate program a little to modernize it and bring it up to the way other chapters handle local members.

History - Since the beginning we have had two local categories, the Local Member and the Honorary Local Member. The difference being was the Local Members were members of MARC and the Honorary Members were amateurs in the local ground wave area who could work our nets but were not MARC members. These were hams that would work the QSO parties and credit Castle Craig with their scores. The basic point structure was the same a 4 Point Certificate.

The Changes - Effective immediately I am eliminating the Honorary Member category and making those Castle Craig Members full Members. This means that anyone in the local ground wave area that joins the chapter by working another member and had a number that end in "HL", example 1000 HL could drop the "H" and make it just 1000 L. The other member categories don't change, Honorary Charter, First State, or Country, DX, Other Certificates.

One other change I am making is to the point structure for the basic certificate. All local members will be 8 Points which make them an Instant Qualifier for the Basic Certificate. Work a 10-10 member and he can apply for the Castle Craig Certificate. Also the "All Other Certificates" point value becomes 2 points. The point structure now is as follows:

Member Type	<u>Class</u>	Points Each
Instant and Special Qualifiers	IQ	8
Locals (Local members)	L	8
Honorary Charters	HC	3
Honorary Members	HM	3
First State or Country	FC - FP - F	S 3
DX	DX	2
All Other Certificates		2

Castle Craig Members can upgrade their certificate value by working other members. This is what 10-10 Paper Chasing is all about. It is called Paper Chasing because it used to be done by mail and you would get a paper certificate by mail but now it is all done via computer and mostly just numbers and points are exchanged though some chapters like Castle Craig offer printed certificates that you can download from their web pages like ours at http://www.1010castlecraig.org/

-73- Al - N1API Castle Craig Chapter Head and Certificate Manager

Welcome to our newest members, voted in at our September Business Meeting...

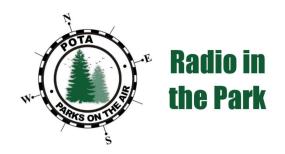
**KC1THU Michael Zelladonis** 

KC1BQD Paul St. Amand

**K5ATA** Steve Goodgame

K5CYN Cyndi Goodgame

**KC1TKY Robert Hourigan** 



# POTA PARKS ON THE AIR

#### OCTOBER 4TH POTA ACTIVATION AT WHARTON BROOK STATE PARK



PICTURED ARE KEN KB1FEX DAVE NZ1J & JIM N1ZN

**PIX'S COURTESY OF AL N1API** 









#### THE CONTEST SCENE WITH BOB MUNRO NN1DX

This Month is starting off with the ARRL School Round-up! The 10-10 International CW Fall Contest is on October 21st and 22<sup>nd</sup>. The CQ World Wide SSB Contest is on the weekend of October 28<sup>th</sup> and 28<sup>th</sup>. The ARRL CW Sweepstakes is November 4<sup>th</sup> into the 6<sup>th</sup>. The WAE RRTY DX Contest is on the weekend of November 11<sup>th</sup> and 13<sup>th</sup> as is the 10-10 International Digital Fall Contest which is on November 11<sup>th</sup> through the 13<sup>th</sup>.

Have fun and enjoy the upcoming contests!
73 and see folks in the contests. De Bob - NN1DX

#### **October Contests**

ARRL School Club Roundup	1300Z, Oct 16 to 2359Z, Oct 20
RSGB FT4 Contest	1900Z-2030Z, Oct 16
CWops Test	1300Z-1400Z, Oct 18
CWops Test	1900Z-2000Z, Oct 18
Walk for the Bacon QRP Contest	0000Z-0100Z, Oct 19 and 0200Z-0300Z, Oct 20
CWops Test	0300Z-0400Z, Oct 19
CWops Test	0700Z-0800Z, Oct 19
NTC QSO Party	1900Z-2000Z, Oct 19
NCCC FT4 Sprint	0100Z-0130Z, Oct 20
NCCC RTTY Sprint	0145Z-0215Z, Oct 20
NCCC Sprint	0230Z-0300Z, Oct 20
JARTS WW RTTY Contest	0000Z, Oct 21 to 2400Z, Oct 22
10-10 Int. Fall Contest, CW	0001Z, Oct 21 to 2359Z, Oct 22
YLRL DX/NA YL Anniversary Contest	1400Z, Oct 21 to 0200Z, Oct 23
New York QSO Party	1400Z, Oct 21 to 0200Z, Oct 22
Stew Perry Top-band Challenge	1500Z, Oct 21 to 1500Z, Oct 22
Worked All Germany Contest	1500Z, Oct 21 to 1459Z, Oct 22
Illinois QSO Party	1700Z, Oct 22 to 0100Z, Oct 23
CWops Test	1300Z-1400Z, Oct 25
CWops Test	1900Z-2000Z, Oct 25
CWops Test	0300Z-0400Z, Oct 26
CWops Test	0700Z-0800Z, Oct 26
RSGB 80m Autumn Series, SSB	1900Z-2030Z, Oct 26
NCCC FT4 Sprint	0100Z-0130Z, Oct 27
NCCC RTTY Sprint	0145Z-0215Z, Oct 27
NCCC Sprint	0230Z-0300Z, Oct 27
CQ Worldwide DX Contest, SSB	0000Z, Oct 28 to 2359Z, Oct 29
ARRL EME Contest	0000Z, Oct 28 to 2359Z, Oct 29

#### **November Contests**

Movember Contests	
CWops Test	1300Z-1400Z, Nov 1
CWops Test	1900Z-2000Z, Nov 1
Walk for the Bacon QRP Contest	0000Z-0100Z, Nov 2 and 0200Z-0300Z, Nov 3
CWops Test	0300Z-0400Z, Nov 2
CWops Test	0700Z-0800Z, Nov 2
NRAU 10m Activity Contest	1800Z-1900Z, Nov 2 (CW) and1900Z-2000Z, Nov 2 (SSB) and 2000Z-2100Z, Nov 2 (FM) and 2100Z-2200Z, Nov 2 (Dig)
NCCC FT4 Sprint	0100Z-0130Z, Nov 3
NCCC RTTY Sprint	0145Z-0215Z, Nov 3
NCCC Sprint	0230Z-0300Z, Nov 3
YB Banggai DX Contest	0000Z-2359Z, Nov 4
ARRL Sweepstakes Contest, CW	2100Z, Nov 4 to 0300Z, Nov 6
RSGB 80m Autumn Series, Data	2000Z-2130Z, Nov 6
CWops Test	1300Z-1400Z, Nov 8
CWops Test	1900Z-2000Z, Nov 8
CWops Test	0300Z-0400Z, Nov 9
CWops Test	0700Z-0800Z, Nov 9
NCCC FT4 Sprint	0100Z-0130Z, Nov 10
NCCC RTTY Sprint	0145Z-0215Z, Nov 10
NCCC Sprint	0230Z-0300Z, Nov 10
WAE DX Contest, RTTY	0000Z, Nov 11 to 2359Z, Nov 12
PODXS 070 Club Triple Play Low Band Sprint	0000Z, Nov 11 to 2359Z, Nov 13
10-10 Int. Fall Contest, Digital	0001Z, Nov 11 to 2359Z, Nov 12
SARL VHF/UHF Analogue Contest	0300Z-0500Z, Nov 11 (6m) and 0501Z-0700Z, Nov 11 (2m) and 0701Z-0900Z, Nov 11 (70cm) and 0300Z-0500Z, Nov 12 (6m) and 0501Z-0700Z, Nov 12 (2m) and 0701Z-0900Z, Nov 12 (70cm)
OK/OM DX Contest, CW	1200Z, Nov 11 to 1200Z, Nov 12
North American SSB Sprint Contest	0000Z-0400Z, Nov 12
CWops Test	1300Z-1400Z, Nov 15
CWops Test	1900Z-2000Z, Nov 15
RSGB 80m Autumn Series, SSB	2000Z-2130Z, Nov 15
Walk for the Bacon QRP Contest	0000Z-0100Z, Nov 16 and 0200Z-0300Z, Nov 17

# MERIDEN AMATEUR RADIO CLUB

#### **MEMBERSHIP ROSTER 10/10/2023**

AA1EM AB1DQ AB1HB K0OZ K1BTR K1DMS K1JCF K1LHO K1LYP	Kaz Bogusz 24 S James Surprenant 26 R Charlie Dudac 23 S Brian Boccuzzi 23 S Bryan Ragaini 24 R Dave Sack 23 S Joe Farrel 24 S Mike Ash 23 S John Yusza 24 S
K1MMK K1MTD K1MVM K1PET K1RCT K1SCI K1SMD K1STM K1TDO K1TDO	Mike MacKennedy 27 R Mary Duval 23 S Mike Macri 23 S Debbie Purchia 23 R Rob Cichon 23 R Stuart Isaac 23 R Silas Moeckel 24R Anne West 23 S Todd Olsen 23 R Jerry Molaver 24 S
K1VDF K1WJL K4AVM K5ATA K5CYN KA1BED KA1KJV KB1APO KB1EHE KB1FEX	John Blevins 23 S Dave Swedock23 S Andrew Olsson 23 R Steve Goodgame 24R Cyndi Goodgame 24R Bill Green 24 R Bob Trussell 23 S Jim Sintay 24 R Eric Knight 23 R Ken Jalbert 24R
KB1HAX KB1IFZ KB1JL KB1KTZ KB1LWS KB1MFU KB1PZS KB1RHQ KB1TBL	Elsie Mathews 23 R Eric Olsson 23 S Carl Fosse 23 S Jeanne Gherardi 23 S John Ramadei 24 R Robert DelGreco 23 R Gene Caputo 23 R Dave Laliberte 23 R
KB1TMC KB1TTV KB1YFJ KC1BQD KC1DOY KC1HQX KC1ISI KC1KQH KC1MJZ KC1NQE	Clare O'Lena 23 R Jonathan Martin 26 R Glenn Couture 23 R Paul St. Amand 24R Ted Renzoni 23 S Preston Byrne 23 R Kristin Olsson 23 R John Kasinskas 23 S Michael Berube 23 R Shawn Warren 23 R
KC1NRD KC1NXP KC10CF KC10CS KC10GL KC10WD KC10YN KC1PBQ KC1PEN	John Lujick 23 S Andy Paolillo 23 R Karl Polak 23 S Richard Dewick 24 S Paul Randazzo 24 S Kevin VanKeuron 24 R Rick Becker 23 R Randy Rivest 23 R David Henry 23 R
KC1PHK KC1PSM KC1PU KC1PXX KC1PYT KC1QHO KC1QLS KC1QQV KO1J KC1QWH	Lincoln Nichols Y Elizabeth VanNostrand 23R Bob Woodtke Jr. 23 R Dave Alfredson 23 R Jeff Gazsc 23 R Mike Beaudry 23 R Ray Cirmo 23 S Gary Getrost 23 R Randy Whitehouse 23S Steve Rygiel 24 R

KC1RBY	Sergio Frutuosa 23R
KC1RHB	
	Jared Martin 23 R
KC1RLQ KC1SA	Eric Barbour 24 R
	Stephen Allen 23 R
KC1SJE	Mike Barr 23R
KC1SLV	Joshua Wrinn 24 R
KC1STF	Julian LoRusso 24S
KC1TAD	Tom Dipinto 23 R
KC1THU	Mike Zelladonis 24R
KC1TKY	Bob Hourigan 24R
KC2MLH	Adam Castracane 23R
KC1TCO	Dee Crombleholme 24R
KC1TEV	Mark White 24R
KC3UKG	Storm Murrell 23 R
KD0BMW	Marty Crandall-Grela 23R
KE1AU	Robert Kaczor 23 S
KO4EEL	Tom Williams 23 S
KR1U	Bob Eslinger 23 S
KS1WK	Seth Kolasinski 23 R
_	
KX1USA	
N0HIO	David Koerner 23 R
N1AKN	Jeff Dwyer 23 S Al Kaiser 24 S
N1API	
N1BRI	Brian Beegan 24 R
N1BRL	Bart Toftness 25 S
N1FNE	Rod Lane 24 S
N1GNV	John Bartscherer 23 S
N1NGV	Kevin Gallagher 23R
N1GY	Geoff Haines 25 S
N1IBE	Wade Martell 23 S
N1JEO	Joel Corneal 23 S
N1JMX	Jeff Martin 28 R
N1JRC	John Collin Jr. 23 R
N1LES	Joe Murray 23 R
N10KF	Bob Parisi 23 R
N10KR	Frank Ciccone 23 R
N1XXU	Andy Purchia 23 R
N1YLN	Edward O'Lena 23 R
N1YLO	Andrew Fiertek 23 R
N1ZN	Jim Savage 24 S
N2TAG	Dave Taglianetti 23 R
NA1L	Dale Clift 23 R David Minster 23 R
NA2AA	David Minster 23 R
NN1DX	Robert Munro 24 R
NR1B	Bill Huggins 23 S
NT1S	Tyler Schroder 23 R
NZ1J	Dave Tipping 23 R
UT3UY	Anatoly Kirilenko 23 R
W1AJK	Andrew Kazimer 23 R
W1BJG	Judy Wilkins 24 R
W1BOB	Bob Lobley 23 R
W1BRY	Don Chepurna 23S
W1DQ	John Elengo 23 S
W1EDX	Paul Stasieluk 23 S
WILDX	
W1LV	Steve Morley 23 S
W1NDT	Bob Lombardo 24S
W1POP	Fred Liedke 23 S
W1PRK	James Procaccini 23 S
W1RCI	Ron Isaac Jr. 23 R
W1TK	Ronald Wakefield 23 R
W1UFO	Mike Cei 23 R
W1UKX	Greg Gherardi 23 S
W1YSM	Ed Snyder 24 R
W2OFR	Mark Dickson 23 R
W3APC	James Cook 23 S
<del>-</del>	<b></b>

WA1EXA	Mark Petruzzi	23 S
WA1FFT	Ray Irwin	23 S
WA1JKR	John Rogus	24 S
WA1K	Jack Chapmai	1 23 R
WA1MAC	Paul Clark	23 S
WA1RAB	<b>Bob Martha</b>	23 S
WA1SFH Do	ouglas Sharafai	nowich 23 R
WA1TRY	Rich Aubin	L
WA1ZVY	Jim Martin	28 S
WB1CLT	Steve Duess	23 S
WB1DQT	Bill Bacon	23 S
WB1GFI	Stan Hiriak	23 S
WB1GYZ	<b>Bob Biancur</b>	23 S
WB8IMY	Steve Ford	25 R
WJ1B	Harold Krame	r 24 S
WV2LKM	Steve Waldma	nn 23 S
xKB1HEA	Loreen Heave	ns 23 R
	Spencer Rygie	el Y
	Dave Devito	23 S
	<b>Lucas Molloy</b>	Y