

# KEY KLIX

**MERIDEN AMATEUR RADIO CLUB**

*Celebrating our 70th Year Anniversary*

1947-2017

**MAY 2017**



**OFFICIAL MAILING ADDRESS, MERIDEN AMATEUR RADIO CLUB, POB 583, MERIDEN CT 06450  
PRES W1KKF BILL WAWRZENIAK VP N1API AL KAISER SECT KC1SA STEVE ALLEN  
TRES K1WJL DAVE SWEDOCK S.A.M. K1RCT ROB CICHON**

**BUSINESS MEETING THURSDAY MAY 11 / ACTIVITY MTNG THURSDAY MAY 25**

**\*\*\*\* ALL MEETINGS ARE AT 7:30PM\*\*\*\* ON THE 2ND & 4TH THURSDAYS OF THE MONTH,  
AT THE HOPE HILL FIREHOUSE 143 HOPE HILL ROAD, WALLINGFORD**

**\*\*\*\*\*WHEN SPECIFICALLY ANNOUNCED, A SPECIAL ACTIVITY MAY START AT 6:30PM\*\*\*\*\***

**KEY KLIX EDITOR DAVE SWEDOCK K1WJL CONTACT DSWEDOCK@GMAIL.COM OR 203 235-8582**



FT-991's

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**PLEASE READ-----VERY IMPORTANT MESSAGE**

The May 11 Business Meeting is a normal MARC activity and we encourage everyone to attend as there will be a few very important topics to discuss.....  
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The May 25th activity however is a very different and unique situation. This is in essence a Sky Warn training event that will last from 7pm to 10pm and is open to all (Amateur Op's & non-Hams) who **pre-register**. While it is a non-MARC event, it is on an activity night which means technically all MARC members are entitled to attend and observe if you so wish, however you must register at the following website to attend: <http://www.weather.gov/okx/SkywarnTraining>. The seating may be very limited as ONLY 50-75 (registered) participants may attend(per town occupancy restrictions)

To put this in a politically correct context, your attendance is not required if you have no interest in this subject matter. If you do come just to observe, please do not disrupt the presenter with idle chatter or congregating in the shack etc etc.

**FROM ED W1YSM YOUR CLUB ACTIVITIES MANAGER**

May 25 7:00p–10:00p Steve KC1SA (and NWS friends) SKYWARN TRAINING

June 29 6:30p-7:30p Matt Spies and Ed W1YSM CoCoRaHS (Community Collaborative for Rain, Snow and Hail)  
7:30p-8:30p Field Day Planning MARC Members

July 27 5:00p – dark— Bill W1KKF (and friends) Le Lark in Le Park - (Le Park TBA)

August 24 6:30p-7:30p TBA TBA  
7:30p-8:30p TBA TBA

September 28 6:30p-7:30p TBA TBA  
7:30p-8:30p TBA TBA

October 26 6:30p-7:30p TBA TBA  
7:30p-8:30p TBA TBA

November 23 6:30p-7:30p THANKGIVING (no meeting) GOBBLE, GOBBLE, GOBBLE

December 28 6:30p-7:30p NO MEETING / DEC 14 CHRISTMAS PARTY (no meeting) HO, HO, HO

On Thursday June 29 at 6:30pm we will have a presentation on CoCoRaHS (Community Collaborative Rain, Hail and Snow) Look it up on the web at : [www.cocorahs.org](http://www.cocorahs.org) CoCoRaHS is to precipitation, what Skywarn is to wind and tornados. Both are associated with the National Weather Service. Speaker is Matt Spies the CT State Coordinator for CoCoRaHS

**FROM YOUR DEMENTED AND HUNGRY EDITOR:  
I WAS REALLY HOPING FOR**







As Al Pacino in Scarface once proclaimed “ Say Hello to my Little Friend”, meet our little but mighty friend(s), the Yaesu FT-991, actually plural as we now have two of them as our primary rigs at the clubhouse, courtesy of Lenny and the OEM.....*Thanks Lenny*

Little, I say as this is pretty close to the actual size ( 8 3/4 “ wide, 3” high and about 10” deep). Rob K1RCT is getting accustomed to the new rigs which require different cabling adaptors, connectors etc and should be putting these into full service ASAP.. Anyone wishing to operate these should be checked out by Rob beforehand. See Rob for details..... More to follow



**PICTURED HERE IS A SESSION AT THE W1KKF “PARIS” ACADEMY OF CW, CURRENTLY BEING HELD AT THE CLUBHOUSE. FROM L-R FRANK N1OKR, PROFESSOR BILL W1KKF AND CARL KC1GEV (PIX COURTESY OF JAMES AB1DQ)**



# Secretary Report & Minutes of Meriden Amateur Radio Club (M.A.R.C.) APRIL 2017

The MARC April business meeting opened at 7:30 PM EDST on April 13, 2017 at the Hope Hill Road EOC. There were 26 members in attendance.

Officers present: Bill (W1KKF), Al (N1API), Steve (KC1SA), Dave (K1WJL), Rob (K1RCT)

The meeting was opened and chaired by President, Bill (W1KKF).

### Announcements –

- Our next meeting is April 27<sup>th</sup> (activity meeting).
- A First Aid course run by the MRC will be held on 4/18 from 6PM to 8PM at the EOC.
- A CW class will be starting Monday 4/17 at 7:30PM. For more information contact W1KKF.
- A memorial service will be held Saturday April 22<sup>nd</sup> for Sylvia Winslow (KB1HCC wife) who passed away on January 22. The service is at St Andrew's Episcopal Church, 20 Catlin Street in Meriden at 11AM.
- May 13<sup>th</sup> there is a VE session at the EOC at 1PM.

Nutmeg Hamfest is October 8, 2017 at the Four Points in Meriden

**Introductions** – All in attendance introduced themselves.

**Secretary's Report** – The March Secretary's Report was published on the W1NRG site and is recorded as read.

**Treasurer's Report** – Dave (K1WJL) gave a treasurers report and was accepted as reported.

**Contributions** – none.

### Correspondence –

- Flower receipt for W1DMM's funeral
- Vanguard Statements
- Application for members (W1UFO)
- Dues Received (WB1GGP)

One Scholarship application

**Program & Entertainment** – Ed (W1YSM) reviewed upcoming activity meeting dates and topics.

April 27 <sup>th</sup>	6:30PM to 7:30PM	GoKit discussion
	7:30PM to 9PM	Emcom presentation
May 25 <sup>th</sup>	7PM to 10PM	Skywarn training
June 22 <sup>th</sup>	6:30PM – 7:30PM	COCORHS presentation
	7:30PM to 9PM	Field Day preparation
July 27 <sup>th</sup>		Lark in the Park

### Scholarship –

Don (KE1AY) addressed the club about the scholarship and reviewed the criteria for selecting a recipient. An open discussion was had suggesting a member be with the club for a period of time (1 to 3 years) before their child/grandchild would be eligible for the scholarship. The discussion was closed; the scholarship selection criteria will remain unchanged from last year.

**Club Station & Facilities** – Rob (K1RCT) presented status for the month.

- New CW PC is in the shack and nearly installed
  - Signal Link is connected to the CW station.
  - o Will support digital modes like RTTY, PSK, JT, etc.
- Coax to the antenna will have to be coiled up now since grass mowing season is upon us.

### Nets –

- 6M – Jim (N1ZN) reported 10 check-ins at the last net.. This Net is on 50.175 MHz each Monday at 8PM local.
- 10M – John (K1VDF) reported 7 check-ins at the last net. This Net is on 28.375 MHz each Tuesday at 8PM local time.
- 2M – Rob (K1RCT) reported for Todd (K1TDO) and reported 4 check in's for the 2M Net this past week. This Net is on the 147.360 MHz repeater each Tuesday at 7PM local time.

**Castle Craig** – Al (N1API) stated not much new to report. Band has been quiet.

**VE session** – A VE session is scheduled for Saturday May 13, 2017 and is posted on the ARRL site too. Check in with Don (KE1AY) if you can donate the couple hours to help out at the session.

continued on next page

**Key Klix** – Dave (K1WJL) is always looking for articles from members so keep the information rolling into Dave. .

**Membership** – The following members were added to the roster this evening.

W1UFO – Michael Cei, WA1SFH – Douglas Sharafanowich, NZ1J – Dave Tipping, K1JCF – Joseph Farrell

KD1JG – Robert Cartier, W1SKP – Skip Paquette. Welcome to the club folks.

Membership is at 84 with these new members.

**Interference and Technical** – Nothing to report.

**Repeater** – Not discussed.

**Hamfest** – Event is October 8, 2017 at the Four Points in Meriden.

**Candy Store** – Gold Medal Ideas now has several types of shirts and a hat has been added to our landing page for Meriden ARC on their web page.

Here's the link to Gold Medal Ideas: <http://stores.goldmedalideas.com/ygs>

**AuxComm** – Douglass (WA1SFH) reported that the Cheshire MS walk is April 23<sup>rd</sup>. The MS society now has a requirement for a background check for anyone riding the bus at the event. It was decided that one will be on the bus from our group. . A show of hands was taken to see who would volunteer at the event (not on the bus), 7 folks stepped forward.

**Old Business:**

### **Skywarn**

- May 25<sup>th</sup> date is confirmed for 7PM to 10PM at the EOC
- This is the May activity night meeting
- If you are coming to the activity meeting then sign up for the training at the following site:
- This is Upton training schedule site:

<http://www.weather.gov/okx/SkywarnTraining>

✦ Going to that site and clicking on the “Register” hyperlink for the New Haven County training will take you to this site where you supply your information:

[https://docs.google.com/forms/d/e/1FAIpQLScgn7vyFnYcZk-UkR95NXjeUo9Sq88G1CFGLyty\\_xlX-o8zmQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLScgn7vyFnYcZk-UkR95NXjeUo9Sq88G1CFGLyty_xlX-o8zmQ/viewform)

✦ 45 people are signed up now (4/13), Capacity in our building is comfortably 50 but we can accommodate 70

### **70<sup>th</sup> Anniversary**

- Open format much like the 13-Colonies
- Multiple stations can operate from the EOC and / or from you homes
- A single call sign, most likely W1NRG
- Must sign up if you are going to operate
- Mark (K1PU) is the coordinator
- Date is 9/30 – 10/1

Friday 9/29 at 8PM local time to Sunday 10/1 at 8PM.

### **Go kit**

Chris (WA1VXH) has submitted the proposal to Len

### **Library**

- New reference books to replace our out of date books
  - Vote was held and passed to purchase these books for \$200.
  - Club agreed to purchase these books and add them to the library as references
- Electronic card catalog will be on our website soon (being worked on now).

### **Education**

- No additional conversations with George Bikakis at Dag Hammarskjold Middle School.
  - No responses from Choate from the memo sent them.
  - Met with the Wallingford Public Library
- “Introduction to Amateur Radio” scheduled for June 5th from 7PM to 8PM at the WPL.

### **Christmas Party**

Presented by Al (N1API) · Sent bid sheet to 5 restaurants

· Hawks Landing - \$28 - \$43, · Traditions - \$33, · Il Monticello – \$37, · Violl's - \$30

○ Only restaurant visited Further discussion and investigation is needed.



continued from previous page

**Finance committee**

The finance committee formed, chaired by Dave (K1WJL) with Ed (W1YSM) and Eric (KB1JL) and Al (N1API) have recommendations they need to present to the club. The meeting tonight was long and the committee made a motion to move this portion of the meeting to the beginning of the May business meeting to ensure enough time is given to the finance committee to present their recommendations to the club.

**New Business:**

**Field Day**

- Operating as 2F
- KC1SA Field Day captain
- o W1KKF is CW captain
- o Looking for
  - o GOTA station captain
  - o SSB station captain

Steve (KC1SA) will be reaching out to club members to help out with this year's activity. Things to think about helping out with:

- Media Publicity – Publishing local papers, etc. (N1ZN and KC1SA have done this in past years)
- Public Information Table – Flyers about Amateur Radio, QST magazines, Club membership applications, etc
- Message (Radiogram) – Send a message to the Section Manager (K1LYP in past years).
- Message handling – get 10 points for each formal message we originate up to 10 messages
- Satellite QSO – Rob (K1RCT) has volunteered for this (this one is fun).
- Alternate power – 5 QSOs via non-hydrocarbon form of energy.
- W1AW Bulletin – Copy the CW/Digital/SSB message. (KC1SA has done this in the past).

Education activity – Build something and can be repeated throughout the day and must be hands on (W1YSM and AB1DQ did this last year)

Meeting was closed at 9:10 PM.

Meeting Attendees on April 13, 2017

FirstName	LastName	Callsign
James	Surprenant	AB1DQ
Joseph	Farrell	K1JCF
John	Yusza	K1LYP
Mark	Mokoski	K1PU
Rob	Cichon	K1RCT
Anne	West	K1STM
John	Blevins	K1VDF
Dave	Swedock	K1WJL
Glenn	Couture	KB1YFJ
Richard	Nagy, Jr.	KC1FJJ
Carl	Nilson	KC1GEV
Johannis	Stoidis	KC1HFO
Stephen	Allen	KC1SA
Robert	Kaczor	KE1AU
Donald	Mitchell	KE1AY
Al	Kaiser	N1API
Frank	Ciccone	N1OKR
James	Savage	N1ZN
Dave	Tipping	NZ1J
John	Elengo	W1DQ
Bill	Wawrzeniak	W1KKF
Ed	Snyder	W1YSM
Douglas	Sharafanowich	WA1SFH
Christian	Sievert	WA1VXH
Tony, Jim	Martin	WA1ZVY
Steve	Waldmann	WV2LKM

**ANNOUNCING THE W1YSM  
SPECIAL CONTEST OF THE MONTH  
CAN YOU IDENTIFY THIS MYSTERY  
DEVICE? (CORRECTLY)**



**WINNER GETS AN ALL EXPENSE PAID TRIP TO THE W1YU YALE UNIVERSITY CLUB STATION , A PERSONALY AUTOGRAPHED QSL CARD AND A 5-CD SET OF THE RECENT SYMPOSIUM ON AMATEUR RADIO IN THE IVY LEAGUE BY JAMES AB1DQ.**



## CT-ARES REGION 2

Douglas Sharafanowich – WA1SFH  
District Emergency Coordinator, Region 2  
[WA1SFH@optonline.net](mailto:WA1SFH@optonline.net)

From Chris WA1VXH: The MS Walk went well. They raised over \$260,000 for MS, which was made up of over 200 teams.

Amateur Radio supported the following functions:

- 3 people needed the SAG at Water Station 1.
- Several pick-up trips by SAG to Water Station 2.
- Police sent a transport to bring a walker to Water Station 2
- No calls for the SAG at Water Station 3.
- Water Station 3 had to move across the road per a request from the police (ask John for details)
- One man completed the short course using a walker. (K1VDF Mobile)
- While not mentioned in the article, supporting radio communications for this event were provided by members of the local Amateur Radio Club “MARC”, located in Wallingford. As part of the Amateur Radio Emergency Service (ARES), Amateur Radio Operators (i.e. “Hams”) support charitable fund-raisers like this MS Walk to provide a public service and practice their craft in the field. They provided information updates between the MS Walk officials and each of the 3 water stations, the walker recovery bus, and course observers for each of the 2 routes.

To learn more about Amateur Radio and all the fascinating aspects of this wireless technology hobby, please visit [www.arrl.org](http://www.arrl.org)



PIX COURTESY OF ERIC KB1JL



**ACTIVITY MEETING APRIL 27**  
**CONGRATULATIONS TO JOHN K1LYP,**  
**DOUGLAS WA1SFH AND ALL WHO**  
**PARTICIPATED IN THIS EXCELLENT**  
**GO-KIT ACTIVITY NIGHT.**  
**ACCOLADES ALSO TO OUR**  
**ACTIVITIES MANAGER ED W1YSM FOR**  
**ARRANGING ANOTHER OUTSTANDING**  
**EVENING.**



**From N1GNV on his E-Mail Reflector**

An e-mail reflector is maintained for the benefit of members, friends, and supporters of MARC. Keep up with the latest news about activities, ask (or answer) technical questions, and enjoy some lively discussions. The administrator individually approves each member, so we have zero spam. If you don't yet receive it, just drop me a note at [jbee@qsradio.com](mailto:jbee@qsradio.com) and I'll add you to the list. You can easily unsubscribe at any time if you wish.

73, John Bee, N1GNV

# ITS ALMOST FIELD DAY TIME!!!!!!

**FROM STEVE KC1SA, OVERALL MARC FIELD DAY COORDINATOR**

**SSB——STEVE KC1SA**

**CW TENT——W1KKF**

Hopefully you can make the business meeting on May 11th. I'll be asking for volunteers to help with Field Day which is the weekend of June 24/25. Some of you have stepped up and volunteered already for portions of the event. Hopefully we get good club participation in making this Field Day a success.

A few months ago I put out the video on the amplifier use with the Kenwood rigs in the shack with the help of Rob (K1RCT). Field day is coming up and I'm sure we will be doing something similar for the rigs. We will be using N1MM+ this year for logging. The SSB folks probably are familiar with N1MM+ use by now but the CW folks may still need some training.

Rob suggested I look at the ESM mode that N1MM+ supports to help the CW folks. And with that I put together a quick video (4 minutes) to wet your appetite. Take a look:

<https://youtu.be/Nb1ZImQ3UUA>

**W1KKF CW TENT**



**GOTA OPERATING SITE**



**ELSIE**

**ERIC**

**FROM ERIC KB1EHE & ELSIE KB1FZ**

All next week, May 7-13, Elsie & I will be at a medical conference and other business-related activities in Iceland (Reykjavik) and Brussels. My superstar XYL is a speaker at an international conference regarding clinical trials. I'm concurrently using the opportunity regarding clinical trials to advance my work with my patented Alzheimer's treatment innovation (that, as many of you know, uses radio waves -- see "Breaking News" at [www.remarkabletechnologies.com](http://www.remarkabletechnologies.com)). You can count on the two of us for the Field Day GOTA station. Looking forward to it!

Oh -- I just spotted an e-mail from Iceland Radio Amateur "IRA" (that came in during the night) regarding the use of their club station in Reykjavik. They just gave me the thumbs up, and a very welcoming message. Would anyone like to set up a sked? I'll jot another note over the next day or two for those who might be interested in some fun HF.

In the meantime, here's some neat information about the IRA club: <http://www.ira.is/english/> BTW, they enjoyed learning that MARC is 70 years old as their club is about the same age: 71 years old.



**DAYTON TIPS FROM N1GNV**  
**REPRINTED FROM HIS QUICKSILVER EMAIL FLYER (WITH EXPRESS ORDERS NOT TO CHANGE ANY OF HIS PERFECT SPELLING AND PUNCTUATION)**

**Make a list, and check it twice.** Our good friends at PCboard -- <https://info.pcboard.ca/hamvention/> -- maintain a great database of vendors and their booth numbers. Note that it covers both indoor and flea market exhibits. Booth numbers correspond to the building or section. For example, Quicksilver Radio is in the **Marconi building (#3) booths 3503-3506 and 3603-3606**. Maps of the grounds and each building are also available there. Make a list of vendors you positively want to visit, along with their booth numbers. Now add folks you probably want to see. And even those you might want to get to. Pro Tip #1: Enter them in a spreadsheet and you can sort them by booth number. Those nearby each other are now grouped together. Pro Tip #2: In most browsers, Ctrl-F opens up a little search bar to find a text string in a page. Use it to look for your favorites on the PCboard web site. Pro Tip #3: You can't see the booth numbers in the Flea Market maps without zooming in. In most browsers, press Ctrl-+ repeatedly until you can read them. Pro Tip #4: Bring a small notepad and pen. Jot down notes of answers to questions, folks you want to revisit, etc.

If you want to see it all (or almost all) **you'll probably need all three days if you can manage it**, especially if you want to attend a forum or two. Maximize your time in any case. Some booths will be crazy busy early in the day, but after about 3PM Friday and Saturday the crowd starts to thin out a bit and the staff will have more time to answer questions. Try not to spend time waiting in line. (Do you REALLY need another Yaesu hat?). Sunday will be much less busy, and can be a great day to cruise the flea market for those "I don't want to take it back home" bargains. You'll be walking. A lot. **Wear comfortable shoes!** This is definitely NOT the time to break in a new pair. Pro Tip #5: **Bring two pairs of shoes** to the show. Halfway through the day, change them. Trust me on this -- if you're not used to standing/walking on a hard surface all day, your feet will hurt and your enjoyment level will plummet. Swapping shoes will almost feel like a new pair of feet.

More personal comfort notes. **Stay hydrated.** Bring a bottle or two of water. If you need medications during the day, bring them with you. Some Advil or similar is a good idea too. Hiking back to your car to get them is just a waste of time. A light jacket and possibly a small umbrella are a good idea as well. Don't forget a hat and sunscreen. Keep an eye on the weather! **Stay fueled.** Hamvention is promising an array of food trucks, and a much improved dining experience over the past. Even so, lines are likely to be long just when you get hungry. Some snacks or energy bars will keep you going until the lines ease up. You can bet I'll be asking for reports on the BBQ truck ;-)  
**Bring cash!** While large commercial vendors will probably accept plastic, most smaller sellers will not. Credit card terminals rely on either WiFi or cellular service. Given that this is a new location, we won't know until we get there how well they will work. I have not seen any mention of ATMs at the show. Even if they're present, Murphy will ensure that it'll either run out of cash or malfunction just when you need it.

Don't be surprised if **your credit card gets declined by your bank**. Here's a likely reason why. Banks have some pretty sophisticated fraud detection algorithms. You might typically use your card once a day for coffee, and once a week for gas and groceries, plus some other local shopping. All near your home. Suddenly, you're making multiple larger purchases, possibly far from home. They term this being "out of your pattern" and may flag your account. Then add to that -- my credit card terminal is naturally registered to my business in Connecticut. You might hit a diner in Xenia for breakfast on the way to the Hamvention. Your first stop in the show, of course, is to pick up some goodies at the Quicksilver Radio booth. Next, you buy a new call sign badge from our friends at the Sign Man of Baton Rouge. It may appear to your bank that within the space of an hour, you've been in OH, CT, and LA. Now I may drive fast, but I couldn't manage THAT!! You may be able to avoid this by **notifying your bank in advance** of your travels. In fact, I've set up text alerts on my phone. If I'm out of my pattern, I'll get a text asking "Did you attempt to make these recent transactions?" and listing them. All I need to do is text "Yes" in response. It might be prudent to **make sure you can read your bank's contact phone number** on the back of your card before you leave.

# INFORMATION PAGE

# MERIDEN AMATEUR RADIO CLUB

PRESIDENT....W1KKF BILL WAWRZENIAK  
 VICE PRES.....N1API AL KAISER  
 SECT.....KC1SA STEVE ALLEN  
 TRES.....K1WJL DAVE SWEDOCK  
 STATION A.M...K1RCT ROB CICHON

**MEETINGS:**  
 7:30PM ON THE 2ND & 4TH THURSDAYS OF THE MONTH,  
 UNLESS OTHERWISE POSTED,  
 AT THE HOPE HILL ROAD FIREHOUSE  
 143 HOPE HILL ROAD, WALLINGFORD

KEY KLIX EDITOR DAVE SWEDOCK K1WJL  
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 203 235-8582

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 POB 583, MERIDEN CT. 06450

### CLUB NETS

6 MTR NET MONDAYS 8PM  
 50.175MHZ N1ZN JIM

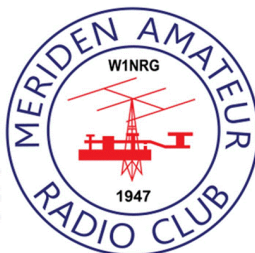
2 METER NET TUESDAYS 7PM  
 147.36 /RPT K1TDO TODD

10 METER NET TUESDAYS 8PM  
 28.375MHZ K1VDF JOHN

10/10 CASTLE CRAIG CHAPTER  
 CONCURRENTLY WITH CLUB NET  
 28.375MHZ TUESDAYS 8PM N1API AL

### CLUB DUES STRUCTURE (JAN-DEC)

UP TO 64 YRS OF AGE--\$15/YR  
 SENIOR DISCOUNT 65 & UP--\$10  
 ADDITIONAL FAMILY MBRS---\$5



### WEBSITE:

WWW.W1NRG.COM

### FORUM/BBS:

GO TO WWW.W1NRG.COM  
 AND FOLLOW THE LINKS

### CASTLE CRAIG 1010 WEBSITE:

GO TO W1NRG.COM  
 AND FOLLOW THE LINKS

### CLUB REPEATER W1KKF/R

147.36MHZ +600 OFFSET  
 NO PL TONE (OPEN REPEATER)

AB1DQ	James Surprenant	17	KC1EVI	Gerard Carriera Jr.	17	W1VCU	Nelson Denison	L
AB1HB	Charlie Dudac	17	KC1FJJ	Rich Nagy	17	W1YSM	Ed Snyder	17
AF1HS	Art Fregeau	18	KC1GEV	Carl Nilson	17	W7FUR	William Spokes	17
K1IIG	Steve Tripp	17	KC1GLM	Robert Speers	17	WA1FFT	Ray Irwin	17
K1JCF	Joe Farrell	17	KC1HFO	John Stoidis	17	WA1JKR	John Rogus	17
K1JTH	John Hart, Jr.	17	KC1SA	Stephen Allen	17	WA1SFH	Douglas Sharafanowich	17
K1LHO	Mike Ash	17	KD1JG	Robert Cartier	17	WA1TRY	Rich Aubin	L
K1LYP	John Yusza	17	KE1AU	Robert Kaczor	17	WA1VXH	Chris Sievert	17
K1MMK	Mike MacKennedy	17	KE1AV	Dave Sanford	17	WA1ZVY	Jim Martin	17
K1MVM	Mike Macri	17	KE1AY	Donald Mitchell	17	WB1GGP	Jerry Sheppard	17
K1PU	Mark Mokoski	17	KE4EYA	Ralph Ring	17	WB1GYZ	Bob Biancur	17
K1RCT	Rob Cichon	17	N1API	Al Kaiser	17	WB8IMY	Steve Ford	17
K1RJC	Rick Castaldo	17	N1BF	Patrick Dionne	17	WJ1B	Harold Kraemer	17
K1SEZ	Paul Ciezniak	18	N1GNV	John Bartscherer	17	WV2LKM	Steve Waldmann	17
K1STM	Anne West	17	N1GY	Geoff Haines	19	WY1U	Tim Mik	16
K1TDO	Todd Olsen	17	N1HCA	Susan South	17			
K1TG	Roger Kuchera	17	N1JRC	John Collin Jr	17			
K1TGX	Jerry Molaver	17	N1LGH	Barbara Stone	17			
K1THP	Dave Karpiej	17	N1NAN	Helen Spokes	17			
K1VDF	John Blevins	17	N1OKF	Bob Parisi	17			
K1WJL	Dave Swedock	17	N1OKR	Frank Ciccone	17			
KB1CIW	Bob Stephens	17	N1VTE	Sarah Kaczor	17			
KB1EHE	Eric Knight	17	N1ZN	James Savage	17			
KB1FYL	Bob Carruthers	17	NY2HF	Dennis Lane	18			
KB1GWP	Joseph Rish, Sr.	17	NZ1J	Dave Tipping	17			
KB1HCC	Jonathan Winslow	17	W1ATV	Walt Yatzook	17			
KB1IFZ	Elsie Mathews	17	W1DMM	Dan Murphy	L			
KB1JL	Eric Olsson	17	W1DQ	John Elengo	18			
KB1SIT	Theresa Stephens	17	W1KKF	Bill Wawrzeniak	L			
KB1TJD	Gaianne Jenkins	17	W1LV	Steve Morley -***	16			
KB1TTV	Jonathan Martin	17	W1NDT	Bob Lombardo	17			
KB1YFJ	Glen Couture	17	W1NHS	Fred Ring	17			
KB1ZMK	Dan Busa	17	W1POP	Fred Liedke	18			
KC1AYL	Mike Meadows	17	W1SKP	Skip Paquette	17			
KC1CYC	Harry Shaefi	17	W1UFO	Mike Cei	17			