

AARC Meeting Minutes 2/8/2022

Meeting started at 7 PM via Zoom by Ed Berkowitz, Acting President.

Treasurer's Report – Don Eason:

January's report:

Beginning Balance: \$30,117.97

Deposits: \$1,303.59 (Dues-\$1,090.60 Donations-\$212.73 Interest-0.26)

Checks: \$0.00

Ending Balance: \$31,421.56

New member voted in tonight: Laura Parsons, KO4RYB.

Club officer elections – Dave Damon:

Since no nominations for president, it was suggested to ask Ed Berkowitz to continue as acting president for 2022.

Club officers elected for 2022

President (Acting) Ed Berkowitz – N3US

Vice-President: John Porter – KK4JP

Treasurer: Don Eason – N4UVA

Secretary: Steve Kramer – KN4CJI

Elected Directors

Dave Damon, K4DND Public Service - elected 2021

Jim Owen, K4CGY Estate Service - elected 2021

Vacant, Technical - elected 2021

Bob Pattison, K4DU Education - elected 2022

Ian Callahan, KN4BTG, Fundraising - elected 2022

Vacant Public Relations - elected 2020

Repeaters – Bill Pond received some purchased filters for Bucks Elbow.

Estate Sales – Jim Owen:

He has mostly small stuff for sale. Some mobile antennas.

Jim will continue as club Director for Estate sales for the rest of his term.

MNIN – Larry Eicher:

He encouraged members to show up for the MNIN at 8 PM. Needs some volunteers to get NCS experience. They can do this months of May, August and September which have 5 Mondays.

He has 4 operators regularly and needs people to fill in on 5th Mondays. Good training experience.

Field Day – Bob Romanko:

ARRL has said 2022 FD to be same as previous 2 years but ultimately up to each club how they want to do FD. So as we get closer to June we can decide whether to do FD in person.

Facebook page – Michael Rein:

Lately, there has been no activity on club FB page. He asked that people send email to him with new information or ideas on how to keep page active.

Presentations:

We have two speakers tonight. Our first is Steve Greer who will talk about the Ride to Defeat ALS fund raiser.

Steve is co-chair of the Blue Ridge ALS assoc. He has ALS and is active with the association and is here to talk about a fund-raising event, "Ride to Defeat ALS". This event will be held May 14, 2022 from 7 AM to 2 PM. Maps included from website. Funds go to ALS Association and pay for research, core services and congressional advocacy.

ALS affects 20,000 Americans, 5000 diagnosed every year. About 10% is genetic, 90% is sporadic. It costs \$250,000 per year to care for someone with ALS. There are only 2 drugs available which slow down disease progression but don't cure it.

There are walks and bicycle ride events held every year throughout the U.S. to raise funds. The Blue Ridge ride is new in VA.

The ride has 25, 50 and 100 km lengths and fund & family 6 km rides. Around 120-150 cyclists participate. Pro Re Nata is the start/stop site. Volunteers can register on their website (<https://www.als.org/dc-md-va>). Need to sign COVID waiver and look at weather policy. Amelia Atwill is co-chair for group.

Dave Damon will maintain contact with Steve Greer. For club members, this is a typical club event to support.

Presentation by Mike McPherson on Surface Mount Technology (SMT):

Build on Ben Kidd's presentation about PCBs.

His big picture is SMT and reflow soldering are which is within the abilities of home-brewers.

Custom PCB's have advantages over breadboards. Reflow is easy, no manual soldering. Using SMD (surface mount devices) that are SMT.

Reasons to use SMT include projects getting too complicated, through-hole components hard to locate for the newer devices. Smaller PCB's have higher port density and constant spacing and there are no leads. Double-sided boards relatively easier. Also, lower EMI, better suited for HF. Most PCB companies will build and solder board.

Needed to go to SMT include design PCB's with software, use new types of components.

You can make your own reflow oven or buy a commercial one. Uses solder paste and flux. Mike showed slides of boards and oven.

QnA followed.

Meeting adjourned by Ed at 8:30 PM.

Respectfully submitted,

Stephen Kramer KN4CJI
Secretary

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AARC Meeting Attendee List
2/8/2022

32 in attendance via Zoom.

John Porter	KK4JP
Ed Berkowitz	N3US
James Owen	K4CGY
Steve Kramer	KN4CJI
Frank Haynes	W4NUA
Bob Romanko	AK4BR
Ben Casto	NX4S
Bill Oleksy	KF4IE
Dave Damon	K4DND
Dave Beebe	KN4UEK
Don Eason	N4UVA
Ian Callahan	KN4TBG
Jim Wilson	K4BAV
Joe DiVincentis	KO8V
Bob Pattison	K4DU
Warren Yursik	KN4LYF
Larry Eicher	K4JZQ
Michael Rein	KA4JJD
Mike McPherson	KQ9P
Ron Richey	K4RKA
Sara Townsley	KO4UPF
Steve Creer	guest
Tim Forrester	KO4VLN
Kevin Cwalina	K4SHR
Dennis Terribile	WR4I
Bill Pond	N0WP
Doug Goode	KK4CEQ
Patrick Donohue	KK4QZS
Ben Kidd	KG4EIF
Wynn Solomon	AI4MV
Leroy Caudhill	KO4JMH
Bill Phillips	AD6JV