

The Radio Hill Gazette

A publication of the Schaumburg Ham Radio Club (SARC)
January 2017

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From the Editor

Hello to all, I'm Mike(K9KQX), the temporary editor of this month's RHG. Please forgive me for the light content of this month's issue and the non standard format. For those unaware Ken(WA9WCP) our current RHG editor is recovering from some medical issues recently, and we all would like to wish him well in recovering fully.

In this month's edition of RHG we'll recap the successful Winter Field Day activities, our most recent February Club meeting and some of various activities going on in our club.

The State of the Ham:

My poor attempt at adding in some commentary to this news letter

Recently I was reading on the ARRL website about a new proposal to create a new entry level license for the younger generation to help stir up interests into becoming Hams. The question was raised on the W9DUP Lunch Bunch net last week, and the responses were interesting to say the least. Now not wanting to get into that debate, it does bring up an interesting dilemma on how to get the youth interested in Ham radio. From my own experience with my kids, the typical cell phones, instant messaging, Instagram, etc is something they've all grown up with. Trying to tell them we can do the same thing with amateur radio will never succeed when they can pull out there phone and do the same thing in 2 seconds. So finding a way to connect with them is the challenge that many groups are working on to get the youth interested in our hobby and thus the reason for the ARRL looking for comments on what a new entry level license should have access too.

Now I've got kids, and even I find it challenging to get them engaged in this hobby. But as I show my son some of the things I do, he seems to be a bit more interested. So in an effort to mentor others including my own son, I'm planning to teach my son's Boy Scout troop the radio badge this year sometime. I'm hoping to show these kids some of the things I've learned over the past year with making antennas, using various Digital modes and computers, which will relate to the instant messaging they are so very familiar with. I've even learned how to send email over HF using Winlink. Plus I can show them some of the cool things I can do with a Fusion radio and WiresX in talking to someone half way around the world in a hybrid radio/internet link, with just a tech license. Hopefully, a few of the guys in the troop will be interested in participating in the Jamboree on the Air event this October. But aside from all that I'm really hoping to show them the hobby aspect of ham radio, and if one or two go in to some STEM field I'll be happy I made an influence on some kids life.

In our last club meeting Dirk brought up another interesting observation from the VE testing sessions. It seems the newly licensed Hams are asking lots of questions about the hobby. This is where mentoring, or Elmering comes in to play. As a new ham myself, all the studying in the world for the ARRL test doesn't really answer the questions a typical new ham faces starting out. Examples being things like what type of antenna, or radio should I get. What bands should I be trying to operate on. What

made me better was lots of reading and self-determination and a general knowledge of computers and electronics. Not everyone has those skills starting out, but that doesn't mean they can't learn to be a good operator and enjoy the hobby. They just need a little Elmering to get started off on the right foot, and I think some kind of organized group discussion with these newly minted hams would go along way in getting them started.

Anyway, that's my commentary for this month, sorry if I bored ya all.
Mike K9KQX

From the President

Nothing to report

Winter Field Day – Report by Dirk Smith K9DFS



2017 SARC Winter Field Day Event

(Photo from Dave Sims, K9KBM)
N9MVO)



(Rob Glowacki,

The Schaumburg Amateur Radio Club (N9RJV) participated in the 2017 Winter Field Day Event held on January 28 at the SRC. The weather was not ideal, but at least dry with 10-12 mph winds out of the SW.

What did help over last year was that we wrapped both shelters to keep everyone out of the wind. What also helped was the BINFORD coffee burner from Leo Ribordy N9NBH that kept the coffee flowing and Steve Karson AC9EM donated and delivered donuts. Yes food was involved again !!!

We started to set up around 9 am and finished around 11:30 am with two stations in place. A third station was set up just prior to the event start of 1 PM. Also Thank You goes to James Richardson AC9PH and Mike Sorensen K9KQX who were on hand for set up from the start. (James and Mike are new members to the club) We operated under QSO exchange of "4 Oscar IL", 4 stations-Outside, IL.



Mike Sorensen K9KQX set up his beautiful designed "GO BOX" that he also uses in his home shack. He operated Digital Mode and made 29 contacts alone, nicely done Mike. Mike erected a multi band dipole in the tress along with a short wire 2M antenna.



(Not Rob)

While we had some Radio-SWR issues on station two, once Rob Glowacki, N9MVO arrived we set up the third and fourth working station, along with an older tube type Transceiver. Rob erected his OutBacker antenna and a long wire Dipole.

What was learned:

- Have a basic First Aid Kit on hand, right Peter?

- The two 2000 watt generators did the job very quietly
 - (Thank You, Kevin Willard K9KQX for providing the Honda Generator)
- Have a manual Antenna Tuner available
- Mike Sorensen, K9KQX made a nice wooden "GO BOX", perfect for FD or SARC in the park events.
- SARC is a full service AR Club.
- You can run an event on minimal expenses, (2017 WFD \$0 Budgeted \$0 spent)
- Event Safety Check List worked, should be used on SFD.
- Total of +35 QSO's, needed more operators

Event Attendees:

Dirk Smith K9DFS, Kent Ochs W9KAO, James Richardson AC9PH, Mike Sorensen K9KQX, Peter Maziak N9POL, Bob McIntre W9DXR, Steve Karson AC9EM, Kevin Shin K9AAB, Phil McBride WB9C, Rob Glowacki N9MVO, Cliff Sowka K9QD, Bob Benwitz N9JAX, Matt Walsh AC9IG, Dennis Calvey KD9KIK ?, Bob Langsfield WB9TZC, Jim Campbell KB9RGU, Leo Ribordy N9NBH, Kevin Willard KB9QVX. (20+ club members and 3 visitors)

Thank you everyone for your help, support, attendance and those that pulled double triple duty for SARC. When there was a problems everyone was pulling in the same direction to solve the problems. Ironically the club did triple duty on this day, in the morning we had the SARC-Construction project meeting, plus some of the EMCOM members set up there trailer and the 2017 WFD. Looking forward to next years WFD and on to the planning for SFD. Get involved in club events, would be nice to see some new faces and more CLUB MEMBERS attending these events.

Special Note:

*Rob Glowacki N9MVO was the raffle winner by attending the event and won an embroidered shirt with his call and name, (compliments of Dirk Smith, K9DFS)

* Thank you to James Richardson AC9PH, for handing out notebooks for all attendees and dropping of supplies.

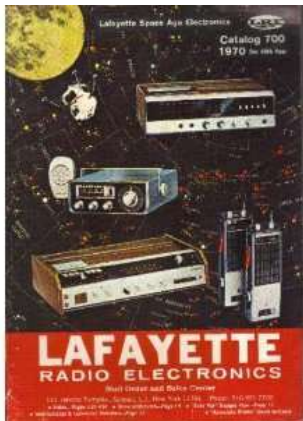
73,

Dirk Smith, K9DFS
SARC Director
WFD Organizer

Electronic Kits – Report by Mike Clodfelter AC9CG

Electronic Kits – the Elenco AM/FM108CK – Part 1 (by Mike Clodfelter – AC9CG)

By 1969, as a teenager in High-school, I had already been bitten by the radio bug - was interested in electronics and HAM Radio. (And had memorized the Resistor color code at age 13!).



From meager savings I paid for a subscription to Popular Electronics magazine and filled out response (a.k.a: bingo) cards to receive catalogs from Allied Radio (later merged with Radio Shack), **Lafayette Radio**, and Heathkit. My first **Heathkit catalog** I received in had lots of kits related to AM/FM radio HAM Radio gear. I ended up ordering building a Heathkit (CPO) Code Practice Oscillator for Morse code in and a **Heathkit HR-10 Ham Band**



The
1969
and
and
1970

Receiver in 1971. Altogether, now I have maybe 12-14 Heathkits, mostly from Ham Estate sales or Ebay.

Heathkit HR-10B Ham 5-band Receiver

The HR-10B is a 7-tube, 5-band Receiver covering 80M/40M/20M/15M/10M HAM bands. Back in 1971, this kit cost about \$85 dollars, and you may occasionally find one at a Chicagoland Hamfest for \$100 or less. I just saw one recently at the St. Charles Jan



now
I

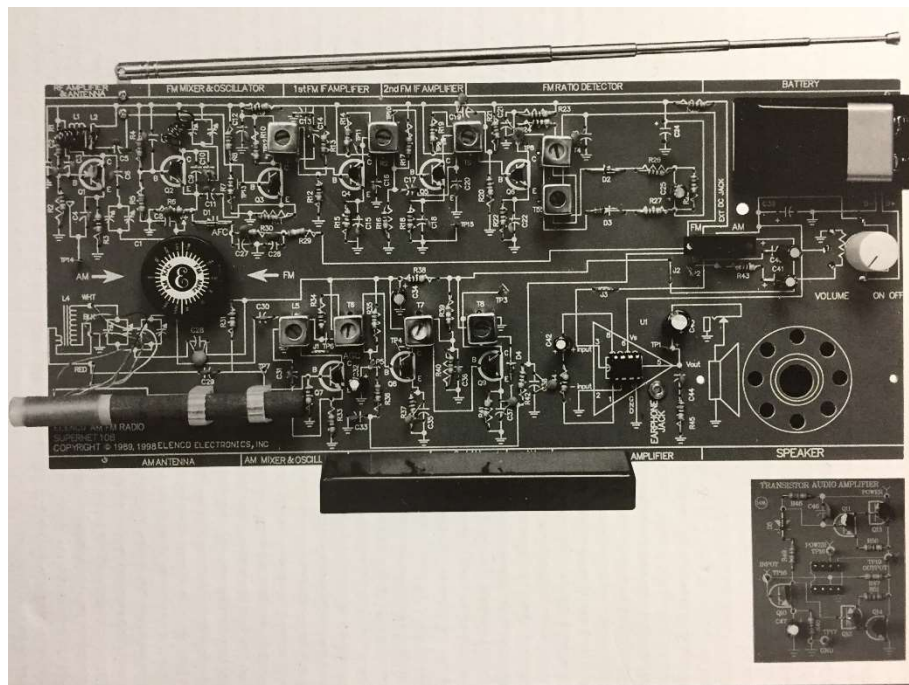
2017 hamfest for \$50. I suppose \$50 isn't a bad price for an Amateur HF receiver that is average to mediocre. Depending on antenna used, a Heathkit HR-10B receiver can pick up HAM stations from thousands of miles away, as I did one night in 1971, listening to a 20M station in South America. In fact, I could hear the South American station and not the USA amateur station, probably because his location was south of me (Gary, Indiana) and his Yagi beam was pointed to the southern hemisphere. My HR-10B is still working now 46 years later, valued more for nostalgia than for performance.

For me the lure of electronic kits is the pure joy of assembling Hardware components, making tuning adjustments, along with learning something. Others might enjoy the Arduino or Raspberry Pi kits that typically come assembled with surface mount devices but require Software programming or patches. That's fun too, but I already work with single-chip MCUs and software at my day job with Renesas Electronics (merger of NEC, Hitachi and Mitsubishi microcomputers). All of our modern HAM HF transceivers have some kind of single MCU (possibly multiple MCUs) controlling the Frequency readout, the Frequency synthesizer/PLL circuits, and other radio functions

Getting back to the hardware kit-building, I see that Heathkit has made a very modest comeback with a handful of offerings at: www.heathkit.com. However, you might get a little sticker shock with **\$149.99 price tag (!!!?)** on the Heathkit Explorer™ AM: TRF AM radio receiver (solder kit) – in black case – Model GR-152-BK. Mind you that TRF means “Tuned Radio Frequency” receiver, good for picking up local Chicago AM radio, but not adequate for serious DXing of distance AM broadcast

stations. Also, for strong local stations close in frequency, like WGN (720Khz) and WBBM (780Khz), you'll probably get a lot of cross-talk, since they are only 60KHZ apart and TRF-type receivers don't provide much selectivity.

Re-visiting our recent Jan 22, 2017 St. Charles HAMFEST event (quite a few SARC members attended) I ran across an intriguing ELENCO AM/FM radio kit for just \$30, so bought one. The Hamfest vendor had 6 of these kits, Elenco Model AM/FM-108CK, which is really 3 kits in one, on 2 separate printed circuit boards:



Elenco Model AM/FM-108CK

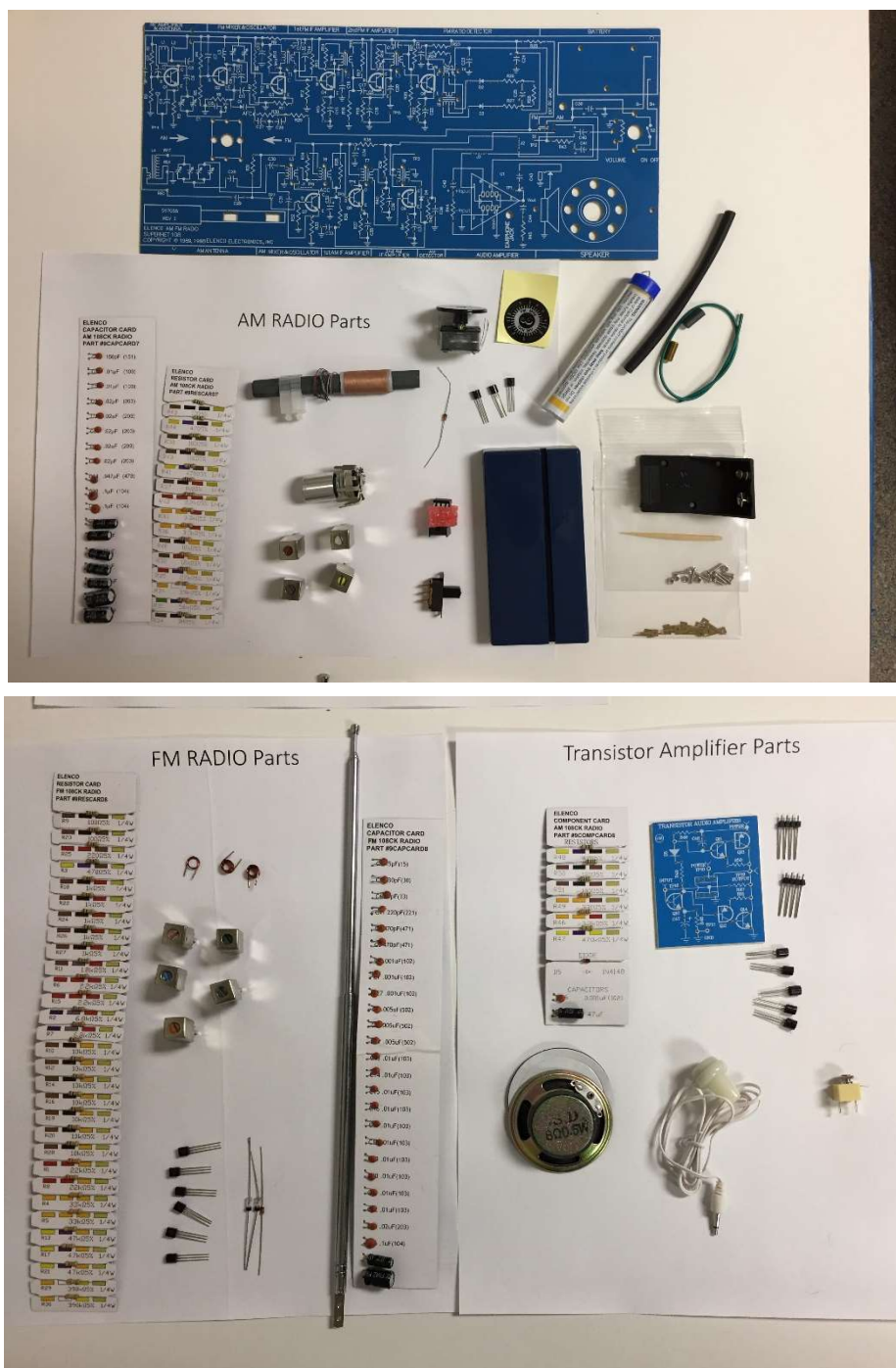
- FM superheterodyne receiver covering 88MHZ-108MHZ
- AM superheterodyne receiver covering 500Khz-1650Khz AM broadcast
- Separate pc board with 5-transistor discrete audio amp, in addition to Integrated circuit audio amp
- Over 150 components (resistors, caps, inductors, IF transformers, coils, diodes, transistors, volume control, variable cap, antennas and 2 Printed circuit), not counting miscellaneous Hardware

BTW, ELENCO is a local company in Wheeling Illinois, and has many electronic kits you can see at:
www.elenco.com

If you missed the St. Charles Hamfest low price, you can order an AM/FM-108CK radio kit from ELENCO for \$38.95 plus shipping/tax, or from Carl Electronics who now has it on sale for \$32.95 at:
<https://www.electronickits.com/amfm-radio-training-course-kit/>

If you want to scope out before buying, check out the Assembly manual at:
<https://www.electronickits.com/wp-content/uploads/2015/01/AMFM-108CK-Manual.pdf>

Now to start building and testing my Elenco 2-band "Superhet radio". I'll report my progress in the next installment. So far I have built and tested the 5 transistor class B audio amp.



Construction Project

Gary N9VU: Next meeting Feb 25th will feature a special presentation on Raspberry Pi. Kent W9KAO presented a circuit built for charging standard Pb-Acid battery cells with protective current limiting. There is a special FLOAT adjustment that prevents electrolyte evaporation. LM317 is the base control and the input required is 18VDC. Plans and more details will be ready in the next month. Interested parties in having a one of these charges as a kit should contact Kent

Satellite Working Group

Charles Fregeau(N5HSR) is working to start a Satellite interest group in our club to gain knowledge and skills in working amateur satellites. All classes of hams are welcome to participate in this group. Current charter members of this group are N5HSR, N9LQ, AC9PH, AC9CV, AC9GN, K9DFS. We are hoping to add this to our field day activities to increase overall points, plus just learning to work these Sats could be a very exciting, like working the International Space station APRS node. In time this might even bridge over to Earth moon Earth communications. Anyone interested in this should reach out to Charles on the [SARC Google group](#) for future updates.

Miscellaneous activities / updates

HF Net - Dirk, K9DFS, has been working to organize an HF net on possibly the 10M band, or possibly 40M band to help newer hams gain experience on HF using a variety of modes, like Digital, CW, using Netlogger, and how to handle pile ups during contests. Experiments in determining the viability of doing this on various bands and antennas has occurred between club members to see what does and doesn't work. Currently nets are Wednesday nights at 8am. For more information visit the [SARC Google group](#) for updates.

440 Repeater updates - The 440 repeater was moved back to St. Alexis Hospital. Initial reports indicate that transmit and receive distance is poor. Kent to investigate further to determine what if anything is wrong.

Field Day Activities for 2017 - Field day activities for 2017 are in the initial planning stages. More information to follow on the SARC email / Google Group reflector.

Public Service - Rob N9MVO 2017 reports that on May 7th Sunday that a MS Walk will be held at the Schaumburg Baseball Stadium instead of Cabella's. Road blockage last year has caused the event to move. We'll arrive by 7AM at the Stadium (north side Springinsguth and I390). HT channels will be the SARC EMCOMM assignments. Plan for a 5-hour duty cycle. Four people have signed up so far and that's a good start for this early stage. Please contact Rob(N9MVO) if you can help out on this event.

Net Checkins – Leo Ribordy N9NBH

I would like to thank the following members for checking into our Tuesday night net.

K9DFS	Dirk
WQ9M	Mark
W9FRT	Mel
KD9CVI	Dave
N9LQ	Joel
KD9FIA	Al
N5HSR	Charles
N9VU	Gary
N9NBH	Leo

If there is still interest in learning how to model antenna's using 4NEC2 please let me know. I am open to any suggestions on what to cover in tech net.

73 N9NBH
Leo

VE Testing Results

NEXT EXAM: Mar 4th at Schaumburg Park District CRC;

Results for Feb 4th. 2017, test session:

CLASS	NUMBER TESTED	NEW LICENSE or UPGRADE
Technician	4	4
General	0	0
Extra	1	1
Total:	5	5

Technician Class

Dushan Radakovic	KD9HVV
Ailam P Dumdie	KD9HVV
Roman Stehniksky	KD9HVV
Sean R McKinney	KD9HVX

General Class

None

Extra Class

Kelly D Carpenter	KD9HQN
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All of us at SARC would like to congratulate all those that received or upgraded their license this month, and we welcome you to the amateur radio community. Hope to hear you on the air. Should you have any questions, come join SARC at our regular monthly meeting on the 3rd Thursday of the month or stop in at one of the Construction Meetings. Check the [SARC website](#) for times and locations.

SARC February Club Notes

Schaumburg Amateur Radio Club Business Meeting Feb 16, 2017

Mel Luxenberg W9FRT President, called the meeting to order at PM.

Attendees:

Mel Luxenberg	W9FRT	Dirk Smith	K9DFS	Dirk Smith	K9DFS
Matt Walsh	AC9IG	Cliff Sowka	K9QD	Kevin Willard	KB9QVX
Gary Bernstein	N9VU	Leo Ribordy	N9NBH	Steve Karson	AC9EM
Mike Clodfelter	AC9CG	Peter Maziuk	N9POL	Dennis C. Calvey	KD9HIK
Chris Brewer	AC9GN	Charles Fregeau	N5HSR	Rebecca Hopkins	KA9EFE
Robert Kocourek	W9RKK	Mike Sorensen	K9KQX	Tom Kraus	N9HWV
Ted Mellenthin	WB9WVC	Rob Glowacki	N9MVO	Dave Sims	K9KBM
Joel Gram	N9LQ	Bob McIntyre	W9DXR	Wake Wacaser	AF9I
Roberta Updyke	KD9HGL	Donna DiVito		Kent Ochs	W9KAO
Vik Baran	WA9OIT	Bob Benwitz	N9JAX	Burt Schultz	AB9CV
Jim Campbell	KB9RGU	Roger Ryan	W9RDR	Jim Scott	W9KV
Russ Schmidt	KC9NUV	Gloria Antonelli		James Richardson	AC9PH

Treasurer's report: Chris Brewer AC9GN reports: Beginning balance for the month was \$3,760.59. Expense was \$50.00 for our data-line. \$893.17 income from eBay sales and dues. Ending balance is \$4,603.76. Paid membership is currently 82.

President's Report: Mel Luxenberg W9FRT reports his technical prowess has been lacking lately. Suggests club members visit Roy W. Lewallen's W7EL website for interesting antenna discussion/instruction.

SARC Repeater: Kent W9KAO reports our K9IIK machine is working.

Fusion @ Hospital site: Machine moved out of the Hoffman Estates Police Station, newly tuned and installed duplexer and placed back on the air at the permanent hospital site. Some members observe the output power is underwhelming but not sure if the duplexer calibration and/or amplifier settings are optimum.

Public Service Rob N9MVO 2017 reports May 7th Sunday for the MS Walk will be held at the Schaumburg Baseball Stadium instead of Cabella's. Road blockage last year has caused the event to move. We'll arrive by 7AM at the Stadium (north side Springinsguth and I390). HT channels will be the SARC EMCOMM assignments. Plan for a 5-hour duty cycle. Four people have signed up so far and that's a good start for this early stage.

Secretary's Report: Cliff Sowka K9QD Meeting Minutes approved as submitted.

RHG: Ken Hopkins Not Present. Needs articles for the RHG. Rebecca KA9EFE updated membership about Ken's current predicament in rehab and asked the club to organize some Wednesday afternoon visits from fellow hams. Burt AB9CV took charge of enlisting small groups to visit Ken in the coming weeks.

Construction Project: Gary N9VU: Next meeting will feature a special presentation on Raspberry Pi. Kent W9KAO presented a circuit built for charging standard Pb-Acid battery cells with protective current limiting. There is a special FLOAT adjustment that prevents electrolyte evaporation. LM317 is the base control and the input required is 18VDC. Plans and more details will be ready in the next month.

VE Testing: Dirk Smith K9DFS reports 14 students attended recent testing session with all passing. Averaging 6 to 12 per session and finding younger people are becoming interested. Once passing their testing, they're in want of further *Elmering*. Wishing there was a better organized venue to assist newly-licensed hams in setting-up equipment, logging protocols, etc. Saturday March 4th is the next session.

Social: Roger Ryan W9RDR No events planned for the immediate future. Christmas Party had 39 attendees.

Nets: Leo N9NBH reports nine sign-ins. Annual prize has been instituted for NET attendees with a ham-radio related prize to be offered.

Education: Ham Radio Class: Leo N9NBH reports plans for a fall TECHNICIAN Class.

EMCOMM: Bob Langsfeld WB9TZC. Not Present. EMMCOMM Roundtable scheduled for this coming Saturday at the Hoffman Estates Police Station.

Programs: Cliff Sowka K9QD: Program tonight was Mike K9KQX Sorensen's Go-Kit. Bob Langsfeld WB9TZC will provide March's program.

Winter Field Day: Dirk K9DFS hosted several hours of operation again this year.

Ebay Sales: Gary N9VU has listed several items for internal club members. Having access to SARC-ALL difficulties at the moment when his employers changed to Gmail and the USERID has somehow been corrupted. Mel has donated Palomar Engineering Rx Antenna Noise Bridge for eBay sales.

Publicity: No Report.

Recurring Calendar: Chris AC9GN is checking PO Box weekly.

Old business: None.

New business: Dirk K9DFS is experimenting with HF NET contacts. Discussed 40M, 80M, 10M SB and appears digital is not handicapped by propagation shortcomings for evening-hours near-field HF. Will continue to host Wednesday night HF efforts and work with members to brainstorm antenna ideas during upcoming Construction Project meetings.

Mel W9FRT observes chatter the ARRL is soliciting comments on a new entry-level Ham License. Purpose seems to be expanding the hobby to younger people in effort to sustain population.

Matt W9FRT preparing Field Day organizational meeting sometime in early March. An announcement will be posted on SARC-ALL.

Charles N5HSR wants to make plans for Satellite contacts during this year's Field Day. Will be working on scheduling an informal meeting at his home.

Proposed Budget for 2017.

2017 Budget: Chris AC9GN presented budget proposal for 2017. Proposing \$2,997 in expenditures for the year; most (\$1K) of the staggering increase would be to procure a 70 CM Duplexer and necessary Coax support/connectors for the eventual transmitter installment at the water tank once painting is finished this summer.

Move to adjourn 8:14PM. So moved.

Submitted: February 16, 2017 Cliff Sowka Secretary

A Call for Programs

Some Potential Topics: RF Transmission Fundamentals. ARRL Awards. ARRL Contests. Semiconductor Developments. Operating Tips. QSL Card Process. Managing Pileups. Public Service Emergency Communications. Village of Schaumburg Volunteers. Field Day Planning. Basic Electronics. Inductive / Capacitive Reactance Biasing. Transistors. uController Projects. SDR / Dongle Radio Tricks. Grid Locators. Frequency Charts. Antenna Basics / Installation Advanced Antenna Tricks. Measuring Antenna Impedance. Lightning Protection. Shack Electrical Facilities. Solar Cycle Considerations.

Ideas for presentations are endless. Our membership has talented and experienced people who are asked to contribute to interesting business meetings by bringing some of their knowledge forward for all to benefit. Please let me know if you wish to present a topic and I will include your ideas into the schedule. Then our diverse membership will provide enthusiastic participation for a rewarding outcome. Cliff Sowka K9QD Program Chair

SARC Board of Directors Meeting Feb 1st

Kevin Willard KB9QVX Past Chairman, called the meeting to order at 7:06 PM.

Attendees:

Mel Luxenberg W9FRT Dirk Smith K9DFS David Hug KD9CVI

Matt Walsh AC9IG Cliff Sowka K9QD Kevin Willard KB9QVX

Gary Bernstein N9VU Leo Ribordy N9NBH

Treasurer's report: Chris Brewer AC9GN previous report: Beginning balance for the month was \$4,354.12. Expense was \$50 data-line plus \$667.22 for Crescend Linear repair. Ending Balance of \$3,760.59. PAID Membership is currently 82.

President's Report: Mel Luxenberg W9FRT reports he provided the Illinois Annual Report paperwork to Chris for signature and payment. Laments our Thursday Net is suffering poor attendance. Discussed his experience with DuPage 145.430 Lunch Bunch. Attendance of 30 or more seems to be typical. Our club is in need of some creative ideas for increasing interest in our Thursday Net.

SARC Repeater: Kent W9KAO Not Present. System working well with only one concern about our systems recorded messages somehow being propagated across the internet pipe to other repeaters in the country. Maybe a software mask can be implemented to mute those local messages during an active echolink QSO.

Nets: Matt AC9IG, Mel W9FRT, and Leo N9NBH report only a few members join the Tuesday Night TechNet and our club's Thursday Night Net could use help with a new script. For example, it is observed SUHFARS in Lake Zurich has Roundtable discussion that seems to interest participants.

To improve excitement and bring more interest in the Nets, Matt AC9IG moved (Dirk K9DFS seconded) SARC award \$25 ARRL Gift Certificate to Thursday Night Net participants. Attendance records will be collected and summarized every six months – with the Gift Certificate to be awarded to a random-draw winner. So moved.

SARC could also benefit by new ideas. *Stump the Chump*, *Love it or Shove it* are some of the ideas SUHFARS has instituted in their nets.

Matt Walsh AC9IG has edited the outdated script for our Thursday Night Net Control operators and proposed the following:

SARC - Net Script - Revised January 2017

Welcome to the weekly Thursday night net of the Schaumburg amateur radio club on the K9IIK repeater. This is **(Host's name / call sign)**, and I will be your net control station for tonight's night. Before we begin, we ask that any station with emergency or priority traffic call net control now.

This net meets every Thursday night at 8:00 PM local time, except for the third Thursday of the month which is our regular club meeting night. This is an open net and all stations regardless of club membership are welcome to check in. ~~Teach net~~. Club members who check in will be entered into a raffle drawing for an amateur radio related prize, drawn twice a year. If you would like more information about the club or the repeater you can visit our club web site at www.N9RJV.org.

This repeater operates on 145.230 MHz VHF. It requires a PL tone of 107.2 Hz for VHF.

In an effort to make the net more interesting and interactive I will ask that when all stations check in to the net that they answer tonight's amateur radio related question. Tonight's question is **(chose an open ended question if at all possible, or grab a question from one of the VE exams (try flash cards at <https://hamexam.org/>))**.

When checking in please key up and say "net control," then unkey and listen for the repeater's courtesy tone before checking in. This will help to reduce doubling with another station. Then give your call sign phonetically, your name, your location, whether you are a club member, officer or visitor, answer the question of the night and let me know if you have any traffic to pass. Any station wishing to check in please call net control now.

(Make a list of all calling stations and note stations that have traffic with a +)

Ok, acknowledging check-ins. **(Read back list taken above and note if any stations had traffic as you acknowledge them)**

We will now take check-ins from anyone, anywhere. Please call net control now. **(Repeat above procedure until you receive no more responses)**

This is **(name and call sign)** with the Schaumburg Amateur Radio Club weekly net.

(If any station had traffic, otherwise skip to section below)

We now ask **(first call sign with traffic)** to pass your traffic. **(pause for traffic)**

Are there any questions or comments?

(repeat for additional stations with traffic)

We will now have the round table feature of the net. Does anyone have any questions for the net tonight? How about some experience with ham radio or other hobbies that could be of interest to those on the net? Please call net control now.

Suggestions for net control to fill if no discussion starts:

- A recent QST article (or from a related magazine)
- Upcoming operating events, contests or public service whether or not they are part of the club
- Your experience at a recent operating event, CP, Etc.
- A recent contact
- A ham-related web site
- An interesting project (whether or not you intend to build it)

Are there any late check-ins? **(Handle check-ins as above)**

We'll now take some time to discuss some non-ham related items. Does anyone have recommendations of books, local restaurants or movies other events in our area? Please call net control now.

We will now have the swap and shop portion of the net. You can offer any ham related items for sale or trade, or ask if anyone has an item available. Please do NOT list prices on the air, only your contact information. Please call net control if you have swap and shop traffic. **(write down call signs as they come in)**

(Call sign) please list your swap and shop traffic. **(repeat for all call signs listed)**

This is **(name and call sign)** with the Schaumburg Amateur Radio Club weekly net.

Are there any late check-ins? **(Handle check-ins as above)**

I'd like to thank all **(count of check-ins)** operators for joining us tonight.

The Schaumburg Amateur Radio Club holds its regular monthly meetings on the third Thursday of the month, at 7:00 PM and sponsors VE testing for all license levels on the first Saturday of each month at 9:00 AM. Both are held at the Schaumburg Community Recreation Center at the corner of Bode and Springinsguth Roads in Schaumburg. Please visit www.N9RJV.org for directions or testing information.

(Omit if traffic included the construction project) The club holds construction project meetings on the second and fourth Saturdays of the month between September and April. These meet in the basement of the Schaumburg Tennis Club which is on Payne Road in Schaumburg and run from approximately 8:00 AM until Noon.

You can join us for our informal technical question and answer session "Tech Net" on this repeater Tuesdays at 7:30 PM.

If there is any Schaumburg Amateur Radio Club member wishing to act as the net control operator for either of our nets please contact Jim W9JFB for more information.

This is **(name and call sign)**. Thank you for joining us tonight. I'm going to close the net at **(current time)**. The repeater can return normal operation at the conclusion of Amateur Radio Newsline.

Fusion @ Hospital site: Machine will move back to the hospital site Feb 2nd. Now running on 444.125 with 5MHz up for receive.

Public Service Rob N9MVO Not Present. Previously reported events for 2016 are completed. 2017 support for the MS Walk will be held at the Schaumburg Baseball Stadium instead of Cabella's. Our next events will begin in April 2017. Public Service contacts list needs to be updated.

Secretary's Report: Cliff Sowka K9QD Meeting Minutes approved as submitted to the Board.

RHG: Ken Hopkins Not Present. He expects to return to his editing activity shortly. Needs articles for the RHG.

Construction Project: Gary N9VU: CP Budget needs to acknowledge recent \$100 donated funds to the club for parts.

VE Testing: Dirk Smith K9DFS reports: No Testing during the past few weeks due to calendar cycle but updated report expected during the next meeting.

Social: Roger Ryan W9RDR Not Present.

Education: Ham Radio Class: Leo N9NBH reports he sent a note to the Schaumburg Library but hasn't heard any feedback. He will check back with the staff to ascertain room availability.

EMCOMM: Bob Langsfeld WB9TZC is training CERT classes training starting now and ending in March. His written report to the Board follows:

I am teaching Community Emergency Response Team training and will not be able to make the meeting. Here is the Em Comm Report for the Feb Board meeting. I will also miss the March Bd Meeting as well.

Schaumburg has asked if we want to participate in the Chicago Land Marathon once again on May 21st. This was a well run event and our assistance was appreciated last year. I recommend SARC supports the event.

June 11th is the Tour Da Cure Save the date

MS walk is in Schaumburg this year

SHAKER FOLLOW UP

We are on track. The Just in Time package is completed, training on documentation, and simplex capabilities were also completed. John Zietlow presented the National Traffic System at the last Round Table meeting. We are moving toward a IS-213 / Radiogram messaging table top.

WINTER FIELD DAY Jan 28th

SARC participated and I was able to stop in and visit. Very nice to see the operation and it was a great training effort in the Logistics and Preparedness areas. Well done. Do you have a Roster, AAR, and IP? Those would complete the total package.

Hoffman EMA Participated in Winter Field Day from the forward command trailer. Our set up was a TS2000 to a wire antenna hung from light poles and a vertical antenna. We had several visitors and some new hams stopped in. SARC info was on hand and available. Our After Action Report and Improvement Plan will be discussed at the next Round Table.

WEATHER INFO

Thursday, February 2, 2017 3:00pm

Cook Co. Spotter Training - Chicago

When: Thu, February 2, 3pm – 5pm

Where: Northeastern Illinois University, Lech Walesa Hall Room 1001, 3601 West Bryn

Mawr Avenue, Chicago, IL, 60625

Description Register at: <http://neiu.edu/StormSpotter> Street parking or pay parking in Lot D (3601 West Bryn Mawr) - see NEIU website for more information

Link: <http://www.neiu.edu/university-life/parking/visitors-and-vendors>

(This class is also offered again at 7:00 pm to 9:00 pm)

Online spotter training is also available for those who cannot make an in-person class at: https://www.meted.ucar.edu/training_course.php?id=23

National Weather Service is presenting Basic Severe Weather training on April 13th in Rolling Meadows Please sign up via eventbrite. There are two sessions on at 2pm and on at 6pm.

Du Page Advance weather spotter seminar is March 11th

CERT

Hoffman Estates CERT class begins Feb 1st and is Full. Several SARC members are attending. Would any members care to assist on March 10 as disaster victims?

I'm considering an Em Comm Net on the SARC Fusion repeater. Is there a non binding net recommendation for the date and time from the board? This would promote the systems use, test the system and we can learn it's coverage.

EM COMM NET?

The SARC Fusion repeater is working fine on 444 125 mhz at the Hoffman PD site. It's time to move to back to the Hospital. Leo is making arrangements for this week.

Bob Langsfeld WB9TZC

Jan 31 2017

Programs: Cliff Sowka K9QD: No Program for January due to the Christmas Party scheduled for Buona Beef. Bob WB9TZC will provide a program for February and Paula K9IR is on ice for LOTW presentation in March if her travel plans align properly.

Winter Field Day: Dirk K9DFS hosted our club's event at Community Recreation Center Field Day January 18th. Dirk will prepare an article for RHG in summarizing the event.

Ebay Sales: Gary N9VU sold almost \$700 in donated equipment and coins are now in the Treasury. Still have more to sell: QRP equipment, 2M Cavity, two verticals, and two Halicrafters R46 Speakers.

Publicity: No Report.

Recurring Calendar: Chris AC9GN is checking PO Box weekly. IRS and Illinois Corporation forms will be required soon. ARRL Update is also on the Recurring Calendar for submission. Checking Account Signatures, Public Service CONTACTS LIST updated. Budget for 2107 is needed.

Old Business: None.

New business: Dirk Smith K9DFS proposed we make the SARC Roster available to Members in Good Standing on our website through an email confirmation step. Process would be:

A valid club member wishing to access the Roster will invoke the email confirmation process, the site will trigger an email to the requester, and confirmation will allow the file to be viewed for a 24-hour period. Gary Seconded. So moved. Matt will speak with Bruce to implement the new process.

Club announced two awards during the January Christmas Party as voted by the membership during November elections: Ted Lester AB9SZ selected for prominent recognition once again for placement on the *Bill Smead K9IIM Construction Project Memorial* and Cliff Sowka K9QD recognized as *Member of the Year*.

2017 Budget: Chris AC9GN will be working on creating our budget for 2017. Field Day funds may need to be slightly increased if truck rental is required. Also need to allocate the \$100 Construction Project donation to possibly purchase new instrumentation or controlled-temperature solder station.

Move to adjourn 8:37PM. So moved.

Submitted: February 2, 2017 Cliff Sowka Secretary