

PARC News

Pioneer Amateur Radio Club of Fremont, Nebraska

ARRL Benefits For You And PARC

At the February 22 meeting of the Pioneer Amateur Radio Club, PARC, Lance Hoffman, WN0L, discussed how PARC can benefit by having members join or renew their ARRL membership through the club. On the ARRL website:

Q. What is the ARRL Affiliated Club Commission Program?

A. The ARRL Affiliated Club Commission Program allows ARRL Affiliated Clubs to earn a commission on new and renewing STANDARD memberships.

Q. How much commission does the club earn for new and renewing members?

A. Each new ARRL STANDARD membership earns the club a \$20 commission. New members are defined as never having been a member or a returning member that has not been a member for two years. Each renewal now earns the club a \$5 commission. There is no limit to the amount a club can earn in this program.

Q. What is the process for the club?

A. The club will follow the process for both new and renewal applications

1. Each new or renewing ARRL member should fill out a membership application form:

2. Payment in FULL can be made to ARRL by check, credit card, or cash.

3. The club then sends all applications with FULL payment along with the Club Commission Reconciliation Form to ARRL for processing.

Fill out the form, give it to Sharon Martens, KB0TVB, along with a check for the appropriate amount made out to ARRL, both you and PARC benefit.

On a personal note, I have been an ARRL member since I was first licensed in 1958. One of the smartest things I ever did was become an ARRL Life Member. I have enjoyed the benefits of being an ARRL member every since and continue to do so. I recommend ARRL membership for all amateur radio operators.

Dave T. W0NRW, PARC Secretary

(Dave can email you a form)

PARC

> Meeting

> Gambinos

> 1900 E. Military

> Fremont, NE

> Thursday

> Mar. 28, 2024

> Fremont, NE

Eat at 6 p.m.

Meeting

At 7 p.m.

March Program

Steve Narans, WB0VNF, will present the program on Severe Weather

Inside this issue:

Treasurer's Report	2
Minutes	2'
Antenna Length Chart	3
NWS Weather	3
Tornado Drill	4
Silent Key	4
Hamfests	4

PIONEER AMATEUR RADIO CLUB MINUTES FOR FEBRUARY 22, 2024

The Pioneer Amateur Radio Club Meeting for February 22, 2024, was held at Gambino's Pizza in Fremont. The meeting was called to order at 7 PM by President Steve Narans, WB0VNF. Twenty-five people were present, who introduced themselves.

PROGRAM: Matt Jones, AL0R talked on "To Resonate or Not, Antenna Impedance".

MINUTES AND TREASURER'S REPORT: Approved as printed in the February *PARC News*.

MOTION TO PAY BILLS: None.

HOSPITALITY: None

EDUCATION: Nothing.

FIELD DAY: Field Day on June 22-23, 2024 will again be held at Izaak Walton Park with Tony Renze, K0OMH as Chairman.

FLEA MARKET: The North Bend Flea Market will be held on July 13, 2024 with Rich Mehaffey, KB0ARZ and Jane Mehaffey, KB0ZUN as Chairpersons. WB0VNF needs items for the Silent Auction.

PICNIC: Will be held on September 29, 2024, at 5 PM at W0NRW home with Sharon Martens, KB0TVB and Dave Theophilus, W0NRW as Chairpersons.

CHRISTMAS PARTY: TBD with Jane Mehaffey, KB0ZUN and Pat Bahl as Chairpersons.

NET MANAGER: Dave Theophilus, W0NRW, filling in for K0VLA, said he had upcoming Net Control slots all filled.

ARES: WB0VNF reported on Storm Spotter Training.

PUBLICITY: W0NRW reported that the *Fremont Tribune* printed the meeting notice. He is sending them the notice each month.

OLD BUSINESS: None.

NEW BUSINESS: Lance Hoffman reported on the ARRL procedure to renew ARRL membership through the club. W0NRW will send information to club members via email. KB0ZUN reported on CERT training that she and KB0ARZ attended. AL0R said interested people should contact him for information on a WINLINK event on March 23. SWIARC will have a Hamfest on March 2 at McClelland IA.

DRAWING: The winner of \$10 was Ed Altmanshofer, NE0EA.

ADJOURN: The meeting was adjourned at 754 PM.

NEXT MEETING: 7 PM on Thursday, March 28, 2024 at Gambino's Pizza.

Respectfully submitted, Dave Theophilus, W0NRW

Meeting Minutes

PARC Treasurer's Report Mar. 2024

Savings	\$ 348.78
Checking	2,874.13
TOTAL	\$3,302.91

INCOME

Dues	\$ 89.00
TOTAL INCOME	\$ 89.00

EXPENSES

Drawing (Nov)	\$ 10.00
TOTAL EXPENSES	\$ 10.00



AMATEUR RADIO ANTENNA LENGTH CHART

	FREQUENCY (Mhz)	1/4λ (Feet)	1/2λ (Feet)	1λ (Feet)	1/2λ Inv Vee 90° (Feet)
160 METERS	1.800	130' 0"	260' 0"	558' 4"	257' 5"
	1.850	126' 6"	253' 0"	543' 3"	250' 5"
	1.900	123' 2"	246' 4"	528' 11"	243' 10"
	2.000	117' 0"	234' 0"	502' 6"	231' 8"
80 METERS	3.500	66' 10"	133' 9"	287' 2"	132' 5"
	3.750	62' 5"	124' 10"	268' 0"	123' 7"
	3.900	60' 0"	120' 0"	257' 8"	118' 10"
	4.000	58' 6"	117' 0"	251' 3"	115' 10"
40 METERS	7.000	33' 5"	66' 10"	143' 7"	66' 2"
	7.150	32' 9"	65' 5"	140' 7"	64' 10"
	7.300	32' 1"	64' 1"	137' 8"	63' 6"
30 METERS	10.100	23' 2"	46' 4"	99' 6"	45' 10"
	10.150	23' 1"	46' 1"	99' 0"	45' 8"
20 METERS	14.000	16' 9"	33' 5"	71' 9"	33' 1"
	14.150	16' 6"	33' 1"	71' 0"	32' 9"
	14.300	16' 4"	32' 9"	70' 3"	32' 5"
	14.350	16' 4"	32' 7"	70' 0"	32' 3"
17 METERS	18.068	12' 11"	25' 11"	55' 7"	25' 8"
	18.168	12' 11"	25' 9"	55' 4"	25' 6"
15 METERS	21.000	11' 2"	22' 3"	47' 10"	22' 1"
	21.200	11' 0"	22' 1"	47' 5"	21' 10"
	21.450	10' 11"	21' 10"	46' 10"	21' 7"
12 METERS	24.890	9' 5"	18' 10"	40' 5"	18' 7"
	24.990	9' 4"	18' 9"	40' 3"	18' 6"
10 METERS	28.000	8' 4"	16' 9"	35' 11"	16' 7"
	28.500	8' 3"	16' 5"	35' 3"	16' 3"
	29.700	7' 11"	15' 9"	33' 10"	15' 7"
6 METERS	50.000	4' 8"	9' 4"	20' 1"	9' 3"
	54.000	4' 4"	8' 8"	18' 7"	8' 7"
2 METERS	144.000	1' 8"	3' 3"	7' 0"	3' 3"
	148.000	1' 7"	3' 2"	6' 9"	3' 2"

Antenna length calculations are based on the following formulas:
 1/2 wave dipole (feet) = 468/frequency in Mhz
 Full wave loop (feet) = 1005/frequency in Mhz
 Inverted Vee with 90 degree included angle is 90% the length of 1/2 wave dipole

Note:
 Cut wire slightly longer to allow for connecting insulators and pruning.
 Height above ground, nearby wires, trees, etc. will change tuning slightly.

MILLENNIA
 ARTS

ARES Team Meets; Steve WB0VNF Releases Balloon

The Dodge County ARES Team met at the NWS in Valley on March 12th. Becky Kern, Meteorologist, presented to the group and then the team helped release the NWS Daily Weather Balloon.

PARC Officers & Chairpeople

President, Steve Narans, WBOVNF

V. President, Matt Jones, ALOR

Secretary, Dave Theophilus, WØNRW

Treasurer, Sharon Martens, KBØTVB

BOARD OF DIRECTORS:

Phil Bahl KAQUNB

Darlene Hoffman NOLOP

Wes Christmas, KDØPGV & 2 Officers

Club Trustee: Lance Hoffman, WNØL

COMMITTEE CHAIRS:

Hospitality: Sharon Martens, KBØTVB

Field Day: Tony Renze, KØDMH

Flea Market: Rich Mehaffey, KBØARZ

Picnic: Dave Theophilus, WØNRW &

Sharon Martens, KBØTVB

Christmas Party: Jane Mehaffey, KBØZUN

Pat Bahl

Publicity: Dave Theophilus, WØNRW

ARES: Steve Narans, WBOVNF

Education: Jane Mehaffey, KBØZUN

Net Manager: Mel Cunningham, KØVLA

Joining Our Organization

MEMBERSHIP DUES:

Yearly: \$10. per member

Family Yearly: \$10 first member,

\$3 each additional member

Paid between Jan. 1—March 1

After March 1, dues are prorated

at \$1 per month for new members.

Previous year member's dues remain \$10. whenever paid.

Life Membership: \$200.

Send To:

Sharon Martens, KBØTVB, Treasurer

2316 E. First St.

Fremont, 8025

PARC

Darlene Hoffman NOLOP

Editor

2411 Co. Rd 15, Colon, NE 68018

402-628-2038

darleneh@futuretk.com

We're on the web:

KOSW.org

& Facebook

Hamfests 2024

5-11-24—LARC Hamfest, Lincoln, NE

6-22/23-24—Field Day, PARC will be at Izaak Walton Park in Fremont.

7-13-24—PARC Flea Market in North Bend, NE

9-7-24—SARA Hamfest in Sioux City, IA

11-16-24—EVARC Hamfest in Norfolk, NE

For a complete list of Hamfests see arrrl.org/hamfests-and-conventions-calendar



Tornado Drill To Be Held Wednesday, March 27

Severe Weather Awareness Week in Iowa and Nebraska will be held on March 25-29, 2024. A Tornado Drill will be held on Wednesday, March 27 at 10 AM CDT.

The drill will be different this year. It will only be announced on NOAA Weather Radio.

I will make an announcement on the Fremont KD0EFC repeater on 146.67 MHz around 10 am and take a roll call.

Dave T., WØNRW, Dodge County ARES

Silent Key

Bill Hubbell, KBØZIM, a past PARC member passed away recently. He was 65 years old. Our best to his family.