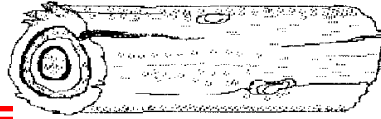




FOUNDED 1947

WEST PARK RADIOPS



LOG



Web: <http://www.westparkradiops.org>

Email: w8vm-<at>-arrl.net

SKCC #12111

Our Nets 147.36 107.2 Mondays 8 p.m.

August - September 2020
VOL. LV No. 5

2020 CLUB OFFICERS

President Tom Wilkinson (216) 409-1886	N8FDY
Vice President Stephen Kinford (216) 702-8384	N8WB
Secretary Glenn Williams (440) 934-5566	AF8C
Treasurer Ann Wadsworth	KA8ZEP
Fifth Board Member Elaine Wilkinson (216) 337-4235	KC8FOS

COMMITTEES

FIELD EVENTS COMMITTEE - OPEN

Safety Officer
OPEN*

License Trustee
N8WB

ARRL VE'S
AF8C, N8CX, N8WB, W8MET

ARTICLES SUBMITTED
N8FDY

ANTENNA GURU
W8PN

CLUB AWARDS MGR
OPEN*

CONTESTS, SATELLITES
N8WS

DX REPORTER
N8WS

8TH AREA BUREAU LETTER MGR.
AF8C (8V)

PROGRAMS
KC8FOS

EDITOR, WEBMASTER
AF8C

LABELS DATABASE
N8CX

WEST PARK EVENTS *

*Subject to change

Aug. 7 - 2M NET*

During the Covid crisis we will hold an every Friday night 8 p.m. 2m net on the usual frequency listed above. We thank the Northern Ohio DX Association for the use of their repeater.

Aug. 21 - MEETING ON 2M*

Sept. 4 - 2M NET*

Sept. 18 - MEETING ON 2M*

IN THIS ISSUE

Page 2:
Prez Sez

Club Nets
Public Service

New Band Plan Coming

Page 3:

Norm Fleming is
103!

Page 4:

Upcoming DX
Print Your
Official License

Page 5:

Remote Parasitic
Antenna
6m 24/7 on FT8?

CONTESTS AND EVENTS

- de WA7BNM & ARRL

Aug 8	WAE DX Contest CW
Aug 15	N. Amer. QSO Party SSB
Aug 22	Ohio QSO Party
Aug 29	W/VE Islands QSO Party
Sep 5	All Asian DX Test SSB
Sep 12	Ohio State Pks on Air
Sep 12	ARRL Sep. VHF Contest
Sep 20	N. America Sprint, RTTY
Sep 26	CQ WW DX Contest, RTTY

SOAPBOX

West Park Radiops technical interests include recent new amateur radio technologies, new antenna projects, contesting, and DX, to name a few.

Our Public Service events are suspended.

Our Monday night nets we are on the 147.36+ (107.2 PL) repeater at 8 p.m. Listen or check in. Join the fun.

This document was created using LibreOffice, a PDF creator, and LINUX. Use of Microsoft products was limited to as few applications as possible.

PREZ SAYS ...

Hello,

I hope you all are doing well. I never thought the COVID-19 restrictions would last this long. I am glad we have our Monday night nets and our new Friday night nets to keep us connected. My main concern is we need a quorum (15 active members to attend a meeting), be it over the air, via Zoom or in person, to conduct any business. Since in person meetings are a no go for the foreseeable future, would you be more apt to attend a Zoom meeting or an over the air meeting? Email me at N8FDY@arrl.net and let me know if you prefer Zoom or over the air meetings. Hope to talk to you all on the nets and I hope you all stay safe and healthy.

-de Tom, N8FDY

WEST PARK PUBLIC SERVICE...

For many years West Park Radiops volunteers have helped LCAC volunteers sort and deliver articles to the needy. As an ARRL Special Service Club in past years, our members assisted in this activity three times every year. During COVID-19 those activities are suspended.

RECENT NETS & TALK...

Club nets have switched over to only using 147.36+ (107.2 PL) at **8 p.m.** local on Mondays, and Fridays during the COVID-19 crisis. Many interesting discussions occur and often with no prior planning. However, you must have a clear shot at the repeater's receiving antenna to use an HT. Please consider your 2m antenna systems and how they perform for the net.

In general, radio net activity provides virtual public service practice and keeps our radios in tested operation and weeds out problems.

TO YOUR HEALTH!...

We wish everyone a STAY SAFE and BEST OF LUCK time during these special COVID-19 stay-at-homes..

NEW BAND PLAN COMING...

(from ARRL news)

07/24/2020

ARRL Board Meets in Remote Electronic Meeting

Due to travel and gathering restrictions in place because of the coronavirus pandemic, the ARRL Board of Directors met on Friday, July 17, 2020 in a remote session, using the Zoom videoconferencing platform. During this session, the Board took [this action]:

Accepted the final recommendations of the Band Planning Committee. Committee chair and ARRL First Vice President Mike Raisbeck, K1TWF, introduced the motion to adopt the plan. An earlier draft of the plan was introduced at the Board's in-person January meeting. After the January Board meeting, the Committee received and considered hundreds of comments from interested amateurs. The final band plan can be viewed on the ARRL website [here].

< <http://www.arrl.org/files/file/ODV/Second%20Board%20Meeting%20July%202020/Doc%2025A%20Band%20Plan%20Final-1b.pdf> >

 Editor's note: Take a look at the new band plan. Note the ACDS blocks. What is ACDS? Per Internet sources it is "automatically controlled digital stations" many of which employing Winlink email to allow passing of email traffic in situations such as maritime mobile where wires and cell towers don't reach.

< <http://www.arrl.org/news/arrl-hf-band-planning-committee-seeks-comments-on-recommendations> >

CLUB MEMBER W8PJ HONORED...

(from Great Lakes Division Director
Dale Williams, WA8EFK)

07/31/2020

In July of 2017 the ARRL Board of Directors instituted a program to honor ARRL Members who had reached the age of 100 with 40 years of ARRL membership. It is called the "ARRL Centurion Award". We recently had the privilege of honoring one of our own Great Lakes Division members who has achieved that goal. Through the efforts of Glenn, AF8C, we were made aware that Norm Fleming W8PJ, met those qualifications. The ARRL Board commemorated Norm with a plaque on Tuesday July 28. Our goal was to make an in-person presentation, but as we all know, many in-person visits are not possible. Courier delivery did make it possible to get the award to him and we are pleased that Norm can now display his plaque for all to see. Our heartiest congratulations go to Norm W8PJ on achieving this goal. Norm, by the way, just celebrated his 103rd birthday, all the more reason for another celebration.



Norman L Fleming, W8PJ
6260 Bluebell Rd., Apt. 701
Brook Park, OH 44142
USA

Dear Norm,

Congratulations on being honored as an ARRL Centurion Member. This award was created specifically for those ARRL members who have reached the century mark and you certainly have done that! Your continued ARRL Membership is now honorary and well-earned in the eyes of the ARRL Board of Directors.

We have worked with Glenn Williams, AF8C in an attempt to arrange this presentation in person but with so many changing COVID-19 restrictions, everyone believes it best and safest to make the delivery by courier.

I hope the plaque finds a suitable place in your home and enjoy one that sees it will know how you have been honored by your fellow radio amateurs.

Again, my most sincere congratulations and 73.

Dale Williams, WA8EFK
Director
Great Lakes Division
ARRL

ARRL Headquarters, 225 Main Street, Newington, Connecticut, USA 06111-1502
Telephone: 860-584-0200 or 800-486-0200 FAX: 860-584-0202 www.arrl.org
AMERICAN RADIO RELAY LEAGUE, 501-C Commercial Street, Newington, Connecticut, USA 06111-1502

MORE...

(de AF8C)

In early 2017 there was an attempt to interest the ARRL in recognizing Norm's hundredth birthday. This was just before the ARRL's new Centurion program started. I don't know what happened but the effort came to naught. Persistence matters, however.

Norm has published several ham radio articles over the period of memory years:

https://www.qsl.net/va3iul/Homebrew_RF_Circuit_Design_Ideas/14MHz_1W_VFO_TX_W8PJ.gif

JUNE 1957 RADIO & TV NEWS p 58
ONE TUBE 10 METER TRANSCEIVER

<https://worldradiohistory.com/Archive-Radio-News/50s/Radio-News-1957-06-R.pdf>

QRP ARCI

QRP Means Quick Reduce Power, Norm Fleming, W8PJ, January 87, p. 7

QRP and DB Equals DX (Delta Beam Antenna), Norm Fleming, W8PJ, July 87, p. 9

Long ago Norm earned a DXCC certificate for a ONE WATT on QRP operation.

Norm worked for many years at NASA in Cleveland, OH, and after his retirement he became a docent at NASA's Visitors Center where he inspired quite a few folks, especially youth, to look at amateur radio as a wonderful hobby.



Norm's article on his implementation of a Delta Loop Beam Antenna (cited above) became an often repeated guide to home-brew antenna builders.

--de AF8C

UPCOMING DX FOR YOU...

(Courtesy of the NG3K website)

Call, Start Date, End Date, DXCC Entity
 8P9QC,2020 Jul25,2020 Aug15,Barbados
 GJ,2020 Jul30,2020 Aug08,Jersey
 ZL7STU,2020 Jul30,2020 Aug10,Chatham Is
 YI,2020 Jul30,2020 Aug31,Iraq
 P4,2020 Aug02,2020 Aug07,Aruba
 P4,2020 Aug02,2020 Aug08,Aruba
 OJ0,2020 Aug06,2020 Aug07,Market Reef
 TK,2020 Aug06,2020 Sep14,Corsica
 9G5GS,2020 Aug08,2020 Sep15,Ghana
 IS0,2020 Aug10,2020 Aug28,Sardinia
 8Q7QR,2020 Sep04,2020 Sep08,Maldives
 9H3TI,2020 Sep04,2020 Sep18,Malta
 ZA,2020 Sep06,2020 Sep17,Albania
 HB0,2020 Sep08,2020 Oct02,Liechtenstein
 OY,2020 Sep15,2020 Sep23,Faroe Is
 FP,2020 Sep22,2020 Oct06,St Pierre & Miquelon
 JW,2020 Sep24,2020 Sep27,Svalbard
 E6AM,2020 Sep28,2020 Oct17,Niue
 TT8RR,2020 Sep29,2020 Oct12,Chad
 JD1BLY,2020 Oct03,2020 Oct06,Ogasawara
 T88UW,2020 Oct07,2020 Oct15,Palau
 V47JA,2020 Oct14,2020 Oct27,St Kitts & Nevis
 Z66DX,2020 Oct19,2020 Oct28,Kosovo
 CY0,2020 Oct19,2020 Oct28,Sable Is
 A35GC,2020 Oct19,2020 Nov02,Tonga
 PZ5GE,2020 Nov11,2020 Nov25,Surinam
 PZ5W,2020 Nov16,2020 Nov19,Surinam
 YN5AO,2020 Nov21,2020 Dec05,Nicaragua
 XT2MAX,2020 Nov23,2020 Dec07,Burkina Faso
 J88PI,2020 Nov23,2020 Dec01,St Vincent
 3XY,2021 Jan01,2021 Jan31,Guinea
 TI,2021 Jan03,2021 Jan09,Costa Rica
 PJ7AA,2021 Feb27,2021 Mar27,Sint Maarten
 A25VR,2021 Apr28,2021 May24,Botswana
 P4,2021 Jul07,2021 Jul14,Aruba
 J88PI,2021 Jul23,2021 Aug03,St Vincent
 TO5T,2021 Aug08,2021 Aug16,St Pierre & Miquelon
 JX0X,2021 Sep15,2021 Oct05,Jan Mayen
 CY0C,2021 Oct01,2021 Oct30,Sable Is

Copy this as a CSV file for EXCEL.

HOW TO PRINT YOUR OFFICIAL AMATEUR RADIO LICENSE...

You can access your official amateur radio license by accessing QRZ.COM, entering your call sign and going to the bottom of the Details page to find a link to your reference copy's PDF. But if you want to download a PDF of your actual license, follow these steps.

First, IF you don't have a password on the FCC system but you have your FRN number (available in QRZ.COM) go to here and obtain your password:

< <https://www.fcc.gov/new-users-guide-getting-started-universal-licensing-system-uls> >

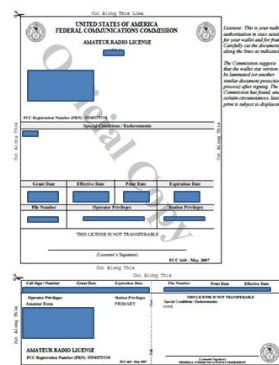
Once you have your password, now go here with your FRN number and your password:

< <https://www.fcc.gov/how-obtain-official-authorizations-uls> >

Go down to the big BLUE bullet #1 and click on it. Follow step #1 under another big blue bullet. Follow the instructions there.

< <https://wireless2.fcc.gov/UlsEntry/licManager/login.jsp> >

At this point you are on a page labeled "License Manager". Put in your FRN number and Password and click "Submit". That puts you on the "My Licenses" page of the License Manager. Your call sign must appear in a "License Box". Under the words "My Licenses" click the "now" word which is blue and underlined. You get to a Download Authorizations box. Under "My Authorizations" click your callsign and ADD it to the box on the right hand end of the arrow. Then click the big blue "Download" button. Save/print the result.



REMOTE PARASITIC ANTENNA (A HYPOTHESIS IS PROMOTED HERE)...

Amateur radio operators who connect transmitters to antennas soon learn the importance of matching the output of an active element in the transmitter to the metal components of the driven antenna so that the antenna can radiate electromagnetic radiation. A good antenna is resonant to the driven frequency of the electrical power. The following concepts can be simulated if you get near a high quality piano in a quiet room and clap your hands. What happens is that you will hear some of the strings in the piano vibrating for a little while after the sound of the clap. What is happening there? Well, the clap's sound waves contain a whole range of sound frequencies and some of them are on the same frequency as the resonant audio frequency of one or more strings. The strings are excited into vibration which damps out after the sound of the clap is gone (the strings vibrate for a little bit of time until the temporarily stored energy is dissipated into sound).

An analogous electromagnetic effect can occur with an undriven metal antenna that is erected in a location to be used as a radiating element. Instead of sound waves, incoming electromagnetic radiation causes the antenna to act as something like a tank circuit. The circuit, if resonant to that frequency, "rings" with electromagnetic energy and the antenna actually continues to re-radiate stored energy until the stored energy is gone.

The point here is that undriven antenna elements (such as in a beam antenna) re-radiate any energy that arrives in form of electromagnetic energy except for any energy that is absorbed by the resistance of the metal in the antenna element (becoming heat). So you could in principle erect a 2m antenna on a pole or chimney at your QTH and not even connect the antenna to anything. But when you then stand on the ground with your HT and transmit, the high antenna will re-radiate some of energy it receives and perhaps help your signal get to a repeater from that antenna's higher altitude.

I believe I observed this effect at my former QTH, From my car with a 5 Watt signal on 2m I was having trouble reaching a Lakewood, OH, repeater as I drove down the street in Bay Village. Bay Village has a low altitude relative to the repeater and so my signal was behind a dirt wall, namely the natural land shelf at Detroit Road in Westlake where the shelf (ridge) was a former shore of Lake Erie thousands of years ago.

But after I parked by car in the driveway the signal to the repeater worked a lot better. On the chimney at my house was a 2m Ringo antenna that was connected to a piece of coax going into the shack but not connected to any transmitter in the shack (coax was disconnected when not in use for the purpose of lightning protection during storms).

OK, to be perfectly frank, it's still possible that parking my car in the driveway dropped it into a peak of a Fresnel Zone where the reception was just better. So I have to test this all out with my current QTH and antenna.

By the way, in Google, "passive antenna", and "symbiotic antenna" have other meanings. So the title of this writeup was composed on the fly.

6m MAY BE UP 24/7 ON FT8 (ANOTHER HYPOTHESIS)...

A result of trying out FT8 on 6m during the ARRL June VHF contest was also using the same setup and radio and antenna after the contest ended. Seemingly during summer propagation there were 6m band openings to real DX that would not have been noticed on the usual phone and CW sections of that band.

So those of us who have the FT8 capability and the antenna(s) should keep checking 6m or maybe 10m to see what DX unusual activity is happening.

WEST PARK RADIOPS

LOG

PUBLISHED BI-MONTHLY BY WEST PARK RADIOPS AMATEUR RADIO CLUB, INC. ---
A NON-PROFIT SCIENTIFIC AND EDUCATIONAL CORPORATION, FAIRVIEW PARK, OHIO.
MEETINGS: WEST PARK RADIOPS ARC meets the FIRST and THIRD Friday evenings each month at
Cuyahoga Community College West Campus in the Public Safety Training Center, 11000 Pleasant Valley Dr. at 7:30 PM sharp.
Dues \$15/yr. We welcome anyone interested in amateur radio to our meetings.
We operate Monday night nets on 147.36+ (107.2 Hz) MHz at 8:00 p.m. local time.

<http://www.westparkradiops.org>
<mailto:w8vm@arrl.net>

W8VM

