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WEST PARK RADIOPS



LOG



Web: <http://www.westparkradiops.org>
Email: w8vm-<at>-arrrl.net

Aug. – Sept. 2008
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FIELD EVENTS
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K8ME, N8CX

ARRL VE'S
AF8C, N8CX, K8TTL

ARTICLES THIS TIME
N8CX, K8ME, W8PN, W8IDM, K8ME

ANTENNAS
W8PN, W8IDM, W8IMF

CLUB AWARDS
W8IDM

CONTESTS, SATELLITES
W8IDM

DX
W8IMF

EDITOR, WEBMASTER
AF8C

LABELS & ROSTERS
N8CX

WEST PARK EVENTS *

*Subject to Change

Aug. 1 - FIRST FRIDAY BUSINESS/ FIXIT NIGHT
Bring your questions or answers to the radio problems of the day/week/month.

Aug. 15 - ARRL DIVISION EC AT WEST PARK RADIOPS*
Matt Welch, KB1LCS, has asked to speak at our meeting* in order to introduce their plans for reviving ARES and RACES in northeastern Ohio.

Sep. 5 - FIRST FRIDAY BUSINESS/ FIXIT NIGHT
Bring your questions or answers to the radio problems of the day/week/month.
Don't yet bring your list for the Sept. 19 meeting! Shhhh...

Sep. 19 - SPECIAL PROGRAM – MISSION POSSIBLE*
Members, your assignment, should you decide to accept it, is to help Mr. Phelps make a list of hardware (not software) requirements for a PC that shall satisfy all his ham radio needs for the next five years. At the end of five years this computer shall not be obsolete, though some aging is assumed. Remember to account for advances in ham radio technology. However, operating systems and software shall be treated as irrelevant. At the end of five years this computer shall NOT self destruct!!!
ALSO a special plaque presentation will be made at the start of the meeting.*

Sep. 28 – CLEVELAND HAMFEST

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CONTESTS AND EVENTS

- de WA7BMN & ARRL

Aug 2 NAT. LIGHTHOUSE WKEND
Aug 9 WAE DX CW CONTEST
Aug 16-17 NA QSO PARTY SSB
Aug 18 RUN FOR THE BACON QRP
Aug 23 OHIO QSO PARTY
Sep 6 OHIO STATE PARKS PARTY
Sep 7 NA SPRINT CW
Sep 13 WAE DX SSB CONTEST
Sep 22 RUN FOR THE BACON QRP
Sep 27 CQ WW RTTY CONTEST
Sep 28 CLEVELAND HAMFEST

SOAPBOX

It is not too soon to start planning your 160m contesting antenna farm and planting the "seeds". Don't forget to prepare the lawn for this exercise. Perhaps you will need some framework for the wire to climb on as it grows. Do you need to cut back the old green and brown metal? Are the feedlines rotten? Will your contest score be hosod?

This document was created using Open Office 2.2, and a PDF creator. Usage of Microsoft products was limited to as little as possible.

Prez Says

Hi Everyone,

Well, Field Day, July 4th, NOARSFest, and the West Park picnic have all come and gone. Summer is marching on. We still have a couple of events which will take us into Fall, however. The first is the State Park outing on Saturday, September 6th and our scout outing at Firelands Scout Reservation in late October. I certainly hope that we can put activities together for both events.

As we have found out, our list of programs for the second meeting of the month has fallen off to nothing. We need ideas and people to make the presentations. One idea, if there is no formal program, is to have an "open meeting". Come, have coffee and doughnuts and just talk ham radio. Maybe even bring a recent project or have a discussion on organizing club projects. There are many, many station accessory and test equipment projects that would benefit all of us. There are also some very nice transceiver projects that are very good performers on-the-air.

Lets think about it and please bring your ideas to the business meeting on August 1st.

Many thanks,
Al, N8CX Your President

PUBLIC SERVICE...

The North Olmsted Scouting organization has already officially requested our presence on All Scouts Weekend, 2009. How's that!! Meanwhile, we will be supporting the Lakewood food drives in November and December and we will be seeking an invite to exhibit amateur radio to the Bay Village scouts in October at Firelands Campground.

RECENT DISCUSSIONS ON THE 10M NET...

On the Club's net, 28450 kHz, we have recently discussed contesting, Field Day scores, the usual flora and fauna, N8PR came to Field Day, electric car window troubles, Logbook Of The World, car tires, the picnic, passes by ISS, the Indians losing in baseball, and bad storm doors.

FOOD FOR THOUGHT...

"There are no passengers on Spaceship Earth, only Crew." --- Marshall McLuhan, 1964.

COURT RULES IN FCC BPL CASE...

(from *The ARRL Letter*, July 18, 2008)

COURT OF APPEALS: FCC MUST REIMBURSE FEES STEMMING FROM BPL CHALLENGE

The United States Court of Appeals for the District of Columbia Circuit has ordered that the Federal Communications Commission (FCC) reimburse ARRL for the docketing fee and the cost of reproducing copies of briefs and appendices in the ARRL's successful challenge of the FCC's broadband over power line (BPL) rules.

< <http://www.arrl.org/news/stories/2008/04/25/10064/> >

The Order, issued on July 9 following review of an opposition from the FCC and a reply from the ARRL, awarded the ARRL's full claim of \$6,096.18. < <http://www.arrl.org/tis/info/HTML/plc/appealCostAwardOrder2008jul09.pdf> >

Commenting on the Order, ARRL Chief Executive Officer David Sumner, K1ZZ, observed: "While this is just a small fraction of the cost of our judicial appeal, the Order is significant because the Court did not buy the FCC's arguments that the ARRL had only achieved 'partial success' in its appeal and that our claim of costs was excessive."

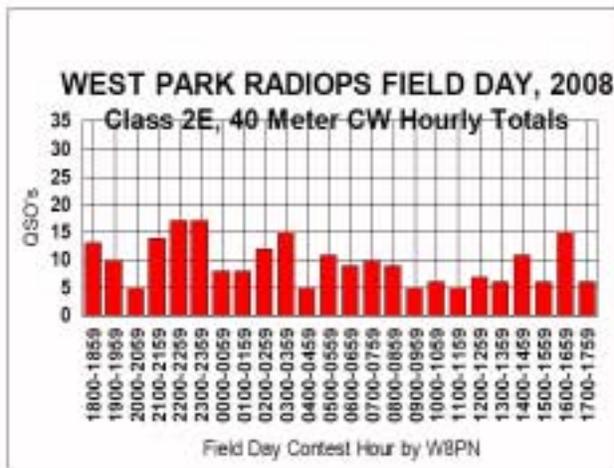
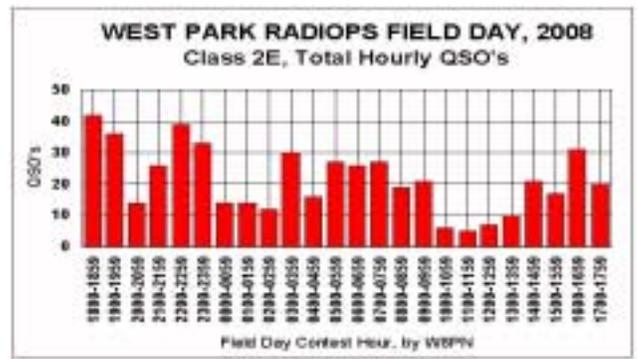
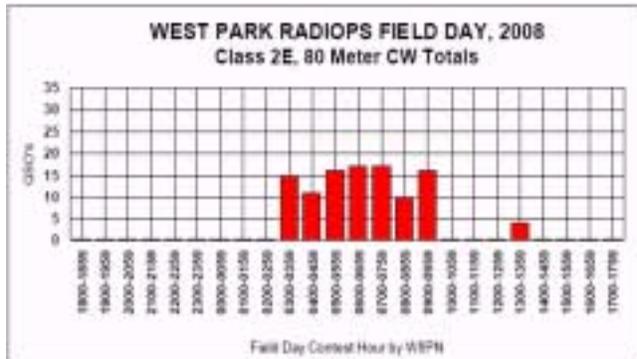
Sumner continued: "In addition, the FCC falsely claimed that the ARRL 'was unsuccessful in persuading the Court to vacate the rules it challenged.' In fact, the ARRL never sought to do so since the BPL rules adopted by the FCC, inadequate as they are, were still better than nothing. The award of these fees affirms that, contrary to the 'spin' the FCC has tried to put on the Court's remand, the ARRL substantially prevailed in its appeal."

REMINDER: From the May 23 *The ARRL Letter*:

"The DC Circuit Court of Appeals remanded the FCC's final BPL rules. The Court did not vacate the rules, so they are still in effect. There will be another proceeding to address what the Court told the Commission it had to address."

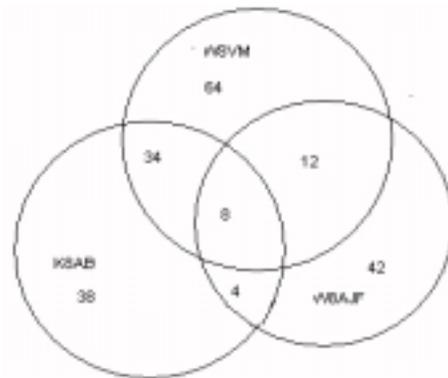
W8VM FIELD DAY ANALYSES...

(The following material is from email from Hal, W8PN, and Don, W8IDM)



Don's Venn Diagram below

The diagram is a Venn diagram of the 80 CW contacts. Each circle

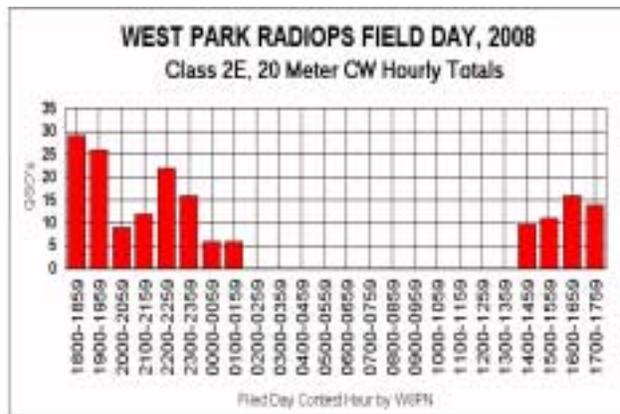


represents the total contacts made by a station. The overlap area between circles represents the number of contacts that were common to the other stations.

W8VM made 118 CW contacts
 K8AB made 84 CW contacts
 W8AJF made 66 CW contacts

One would think that three Field Day stations in the same area on the same band for the same part of the contest would be working the same stations. Yet the diagram shows that W8VM had 64 contacts that the other two stations didn't work. K8AB had 38 unique contacts and W8AJF worked 42 stations that neither W8VM nor K8AB worked. The center area of the diagram shows only 8 stations worked by all three stations.

The diagram also shows that W8VM and W8AJF only had 20 contacts in common while W8VM and K8AB had 42 contacts in common. W8AJF and K8AB only had 12 in common. This is interesting because it went against my assumptions on how things should happen. It makes me wonder what is happening when I can't find any new stations to work. It seems to be a different contest for each station. 73, Don W8IDM



I have attached a spreadsheet depiction of our Field Day activity by the contest hour. Transmitter 1 ran for the 24 hours on 40 meter CW and Transmitter 2 ran for 12 hours on 20 meters and for 9 hours on 80 meters. We were down for at least 3 hours on transmitter 2. On 20 meters we averaged 14.75 QSO's per hour for the 12 hours. On 40 meters we averaged 9.58 QSO's per hour for the 24 hour period and on 80 meters we averaged 13.11 QSO's per hour for the 9 hour run. I'll have more later. 73 de Hal

J-38 Keys – Genealogy...

(from <http://k6ix.net/J-38/J38Page2.html#Types>)

(more information on the web site)

BT-----

Real J-38 Keys

I have invented names for the types purely for convenience.

1) ARH type:

Metal parts brass except frame and key lever are white metal, and the eye screw which may be either brass or white metal. ARH type J-38's are very common in the marketplace.

2) Lionel type:

Lionel type: easily Id'd by the base having radiused corners and top edges, a solid, black painted frame, and lock nuts with angled rather than vertical knurling. In addition, the "L" logo is cast into the bottom of the base, and the logo and company name are cast between the trunnion supports on the top of the frame. It has positioning pins in the inner binding posts in addition to those in the rear binding posts (4 pins total). These pins hold the holes in the inner binding posts at a 45 degree angle to the centerline of the key. There is a rare variation that has the words "THE LIONEL CORPORATION, N. Y." printed in white between the normal "J-38" lettering and the front edge of the frame.

Finally, Lionel J-38 key frames are found on some other, non-J38, bases. Different types that I have found are:

---The Lionel J-47's: The J-47 is normally made up of a J-37 key on a plain base marked J-47. For reasons lost in the obscurity of time, J-47's were also made using Lionel J-38 key frames mounted on two different types of J-47 bases. One base, obviously made by Lionel, has the standard round corners and molded "L" logo on the bottom, while the other is square cornered and shows no Lionel markings.

--- The Philmore Code Practice Set: Probably the strangest place I have found a Lionel J-38 key is as part of this code practice set made by the Philmore Company. I am not certain that it was the original key on the set, but there are no signs that it was not. Philmore marketed many different keys over the years.

3) Brass Frame type: This type is identified by a frame of cast brass that is not painted or plated. In all the J-38's I have seen with brass frames the spring is held on the frame by a small lip that attaches under the anvil, bends down toward the base and then bends back to horizontal to provide a ledge for the base of the spring. This spring holding arrangement is in contrast to all the white metal bases I have seen, which have a bulge cast into the front of the frame to hold the spring.

4) TAC type: In the TAC (Telegraph Apparatus Corporation) type (a) The contacts are of very small diameter and not the same size. Those on the lever are 1/8", but on the anvil the diameter is 3/32"; and (b) all the metal parts except the frame, lever, and spring are brass.

5) All White Metal type: On this type of J-38 all the metal components are of white metal. There are no brass parts on the key whatsoever. The other distinguishing characteristic of this type is that the eye screw is smaller than on the other J-38 types. Very few on the market.

"Near" J-38 Keys

Two of the most likely specs: key is mounted on a bakelite base, 3" x 4 3/4", with the characters "J-38" stamped, in white, on the front of the key under the operating knob, and binding posts configured as described for the ARH type.

1) The JJ-38: A common Japanese made "ball bearing key" mounted on a bakelite base with "JJ-38" in place of "J-38" on the front of the base.

2) The Artec J38: Key has "J38" (note: no dash) stamped in white on the base under the operating knob. In addition it has the circuit closing switch pivot attached under the right inner bindingpost (a very poor arrangement), captive thumb screws on the binding posts, and the name "Artec" cast into the top of the black painted frame on the left front of the key.

3) The McElroy J38: a rare key.

Almost exactly like the Artec J38, except that it has McElroy cast into the base, and the circuit closing switch is attached by an independent screw on the rear of the frame. The McElroy also has the black frame, captive thumb screws, and "J38" in white on the front of the base.

4) The Winslow J-38: another Artec/McElroy look alike. Has black frame and captive thumb screws, and a dash in the "J-38" on the front of the base.

5) The Spanish J-38: from a trip to Argentina in the late 1980's. Base is brown bakelite, 1/4" shorter than the standard base, has the word "TELEF." on the left side in place of the usual "TEL", and "LINEA" on the right side in place of the standard "LINE". There is nothing stamped on the front of the base where the Signal Corps key always has "J-38".

6) The J-38-FR: Known as the French J-38, this key is totally unlike any of the other J-38's or even near J-38's. The key looks like a typical unmounted, legless triumph key. There is no base. The binding posts have slotted, rather than knurled, screws, but the front of the frame does have the bulge inward to form a holder for the spring. Cast into the bottom of the frame is "J-38-FR / Vuillemot / Creteil".

Fake J-38 Keys

1) A Soling J-38? A fake J-38 made with malice aforethought. The end printing on the box has most of the markings of a real J-38 box, including the File # and double line outline found on all J-38 boxes. Inside is a key on a rectangular bakelite base with beveled edges and the lettering "J-38" boldly stamped in white in front of the key frame. The only catch is that the key frame and mechanism is a Japanese made Soling J-37 replica!

2) A Western Union J-38? Frame is stamped LEGLESS KEY 2A W.U. TEL. CO, and the circuit closing switch is stamped MENOMINEE ELECTRIC MFG. CO. The spring is attached directly to the inside of the oval, and the binding post screws are slotted. As a final disgrace, the screws with which the frame is attached to the base were apparently too long and were ground down, taking some of the material off the bottom of the base with them. This is an ideal candidate for a "parts bin special J-38".

----- BT

-- de AF8C. My old 1968 Tandy Radio Shack key was not listed in the above. I will have to check mine out.

SKYWARN REPEATERS...

COUNTY WEATHER REPEATERS ALL IN TWO METER BAND

147.15 LCARA
146.70 NOARS

Cuyahoga County Skywarn(tm)
146.760 PL 110.9.
Backup 146.880

Lorain County EMA Skywarn(tm)
146.625 with PL 110.9

Medina County Skywarn(tm)
147.030 with PL 141.3 or 88.5

LARGEST J38...



This key is believed to be the world's largest operating Morse code key. It was designed and built by the Salem Area Amateur Radio Assoc. in Salem, Ohio. The key is modeled after a J38 key. The key has a working contact point and an actual amateur radio contact was logged with this key. When assembled the key measures 14 feet long by 7 feet wide. The knob is 36 inches in diameter. The spring used at the contacted point is a coil spring out of a car. The tension on the spring is also adjustable. Disassembled the key will fit in the back of a full sized pickup truck .

<http://www.qsl.net/n9bor/morse.htm>

A TEENY TINY SOAPBOX...

This is a **direct quote** from the Web and **does not represent the opinion of West Park Radiops:**

<https://www.policyarchive.org/handle/10207/1029>

(NOTE: Article printed in May 2003.)

The United States has been free of a national debt for only 2 years, 1834 and 1835. We began our existence as a country in 1790 with a debt of \$75

million. It rose to \$3.8 trillion in 1997. It rose to a high of 108.6% of gross domestic product (GDP) at the end of World War II; declined to a post-World War II low of 23.8% of GDP in 1974; and, then, rose to another high of 49.5% of GDP in 1993. The major cause of debt accumulation has been war. The United States has financed the extraordinary expenditures associated with war by borrowing rather than by raising taxes or printing money. This pattern was broken by the large budget deficits of the 1980s and 1990s which caused the national debt to rise substantially as a fraction of GDP during peacetime.

Crucial to the consensus view (and other views) is the assumption that the economy is fully employed. And the burden discussed must be regarded as a gross burden in the sense that certain intangible gains must be set against it such as freedom from tyranny and domination by a foreign power that might have occurred had the United States lost such a contest as World War II.

From FY1998-FY2001, the federal government ran budget surpluses. These surpluses were used to reduce the national debt. If Congress continues to use them for debt reduction, the gain to the United States will be a larger capital stock for the future as debt reduction "crowds in" the interest sensitive spending of the private sector. As a result, the size of the private sector capital stock in the future should be larger and this should increase the level of income enjoyed by future generations. This is the legacy of reducing the national debt and it is a legacy that comes from budget surpluses. This report will be updated periodically.

BURO INFO...

(per Dwaine Modock, K8ME)

Every United States Post Office sells envelopes named "Ready Post". The product code of the Ready Post envelope which is suitable for QSL Bureau use is number 93009258. This is a 6-inch by 9-inch envelope without clasps. For 90 percent of bureau users this envelope should be perfectly satisfactory. If you put 42 cents postage on this envelope it will be sent to you when five cards have accumulated for you. If you put a total of 59 cents postage on this envelope, you will receive it back with 14 cards inside.

WEST PARK RADIOPS

LOG

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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
Ascension Lutheran Church, 28081 Lorain Road, North Olmsted, OH (across from North Olmsted Park) at 8 PM sharp.
Dues \$12/yr. We welcome anyone interested in amateur radio to our meetings.

<http://members.core.com/~af8c/westpark/>
<mailto:w8vm@arrl.net>

W8VM

