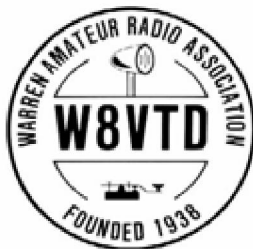


Q-Match

WARREN AMATEUR RADIO ASSOCIATION

July

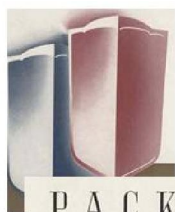
2009



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W8P Special Event



This month is the Annual Packard Special Event on July 25-26... and as anyone that has tried to operate this event in the last few years knows we have some interface trouble, anywhere between a S8 and S9. Claude Linger KA8YTK and I have been trying to contact different individuals to get this corrected, so far to no avail. Last month I finally did have FCC contact me on the matter and informed me that it was being transferred to the correct department. I do not think the problem will be corrected before the event but we can always hope.

I am still willing to give the event a try from the same location in Packard Park, which is in front of the maintenance shed behind the Packard Museum on Mahoning Ave, so anyone wishing to try their luck operating is more than welcome to come and lend a hand, I have secured the same call sign that we have used in the past, W8P. Set-up for the event will be Friday July 24th about 5 in the evening.

So please bring some equipment and have some fun operating in a Special Event,

Gail Wells KC8LRH

W8P Special Event Coordinator

July Birthdays

It is time again to wish everyone of our special birthday members a very Happy Birthday.

July 7th... K8KAE ... Ed Chopco Sr.

July 29th ... K8WRM ... Jack McClain

July 31st ... WB8PHH ... Frank Safran

Happy
Birthday!





Microwave Mug Cake

4 tbsp. flour
4 tbsp. sugar
4 tbsp. cocoa
1 egg
3 tbsp. milk
3 tbsp. oil
3 tbsp. chocolate
chips (optional, but
not really. Add
them!)
Small splash vanilla

Measure flour, sugar,
and cocoa in a large
mug. Mix well.

Add egg and mix
well.

Add milk and oil and
mix well.

Add chocolate chips
and vanilla and mix
well.

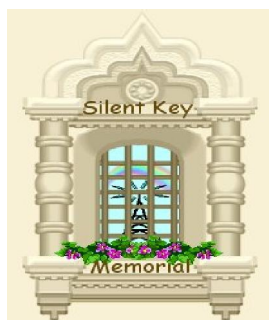
Microwave for 3 min-
utes at 1000 watts.
The cake will rise up
over the top of the
mug, but don't be
alarmed.



Sunshine and Sick

Delbert WD8KXD is having surgery on his thyroid July 17th, more in-
formation too follow.

Jackie KD8DNE and Larry KD8JNM are now proud parents of frater-
nal twins born on Friday June 12th... The 1st one Zachary James was
born at 10:40 p.m...He weighed 6 lbs 2 oz and was 19 and $\frac{3}{4}$ inches
long. The second one Christopher Daniel was born at 10:41 p.m... He
weighed 6 lbs 1 oz and was 18 and $\frac{1}{2}$ inches long. The mother and boys
are doing fine and recovering at home.



Joseph Phillips K8QOE, SK

It is my sad duty to inform you
that Section Manager Joseph
Phillips , K8QOE passed away at
his home on Saturday June 20.
Joe died quickly following a short
illness. He is survived by his wife,
Donna, a daughter and a son.



Joe led a spirited Ohio Section ARRL Organization in his unique and
enthusiastic manner. His untimely death is shocking. He will be
missed.

Condolences may be sent to: Donna Phillips, 2800 Jupiter Dr. , Fair-
field, Ohio 45014

Requiescat in peace, K8QOE.

Jim Weaver, K8JE, Director
ARRL Great Lakes Division

Our condolence goes out to his family and friends.
If I missed anything or anyone I'm sorry.

Sherman KC8YHJ
Barry KD8EIT

FYI: requiescat (noun) : prayer on behalf of the dead;

A prayer asking that the soul of a dead person might rest

Paper Chase

You will recall each year I mention the Route 66 Special Event. This year we have a new special event that follows the same pattern. It is an event to contact all the states that made up the original 13 Colonies.

Starting on July 1st to July 5th, all thirteen 1776 original colonies will be on the air, with one to several Special Event stations per Colony. A magnificent full color certificate printed on heavy card stock with a map and the state flags of all the 1776 colony states adorn this award. You can work one state or all 13 and be eligible for the certificate. Each colony state worked will be marked by the shield of the United States. Also a special "recognition" logo will be affixed if you worked all 13 stations. Special event call signs will be K2A through K2M. All modes of operation should be represented-SSB, CW, RTTY Etc. The mode of operation is up to the individual colony state station. All bands will be used except the WARC bands and 60 meters. The Colony stations will be operating on or near the "13" of each band (Eg.14.213, 14.013, 14.313, 7.213, 7.013, etc.). 2 meters and 6 meters are encouraged. Why? The special event stations are on the east coast and are very close to each other. It will be harder for these states to contact each other, also 40m-160m is encouraged because of this. The SE will begin July 1st at 1300 and end July 5th at 0400 UTC.

Each operator is to send a contact log stating the Date, UTC, Band and call sign of each contact, along with your QSL card and \$4.00 US. PLEASE NO STAMPS... NO SASE required. We will furnish postage, certificate and 9"x12" envelope via 1st class mail. The certificate will NOT be folded.

K2A (NY-KU2US) will issue a special event QSL card for a QSO with K2A for those Operators that request one in lieu of the certificate, SASE Please for QSL card only.

All award requests and payment are to be sent and made out to the award manager- Ken Villone, KU2US, PO.BOX 185, CONESUS NY . 1 4 4 3 5

It is hoped this special event will become annual event. This is going to be fun, and hopefully the propagation gods will be co-operative and I will hear you in the pile-ups.

Joe

W8KNO



CLUB

Committees

Awards: KC8LRH

Christmas Party:
KD8FVI

Field Day:KB8GAB
and all WARA Mem-
bers

Net: N8IVE

Program Director:
K8OUA

Property Custodi-
ans: KA8LCW his-
torian,

50/50: KD8BIB

Refreshments: Al-
lice Davidson
Assoc.

Sunshine (welfare):
KC8YHJ

VE exams:

Web Master:
KC8PVB

Public Information
Officer:: KC8VHC

Hamfest: KD8BHR

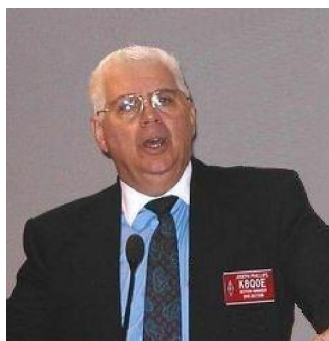
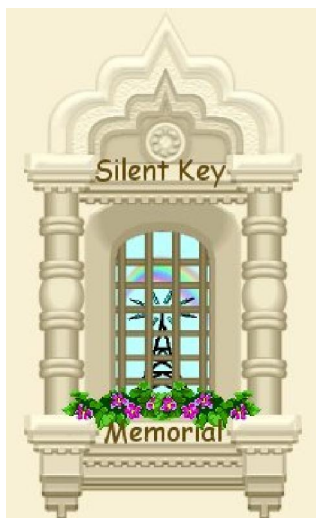
Repeater: KZ8T

Newsletter: Editor
KC8RAL

** KC8VHC,

** Jeannie

** Co-Chair



ARRL Ohio Section Manager Joe Phillips K8QOE (SK)

Joe Phillips, K8QOE, who served as ARRL Ohio Section Manager since 1998, passed away suddenly at his home on Saturday, June 20. He was 68. Licensed in 1959 as KN9SYL, Phillips first joined the ARRL Field Organization as an Official Emergency Station (OES) in 1986. He became a Public Information Officer in 1989 and has served as an Official Observer (OO) since 1997. He was elected Ohio Section Manager in 1998.

A graduate of Youngstown University, Phillips had a career as a journalist and a teacher. He edited six separate ham radio newsletters in Cincinnati before becoming Newsletter Editor for the Ohio Area Repeater Council in 1984, a position he held for five years. In 1986, Phillips organized the first *Ohio Repeater Directory* and in 1992, organized the Ohio Section Ham Radio Newsletter Contest. He authored a weekly ham radio newspaper column in the Sunday edition of the *Cincinnati Enquirer* called "Ham Call" and hosted a similarly named program for cable television in the Cincinnati area.

In 1994, Phillips was elected to the Greater Cincinnati Amateur Radio Hall of Fame, and in 1995, he was the recipient of the ARRL's McGan Silver Antenna Award. This award is given annually to a League member who demonstrates outstanding public relations success on behalf of Amateur Radio at the local, state or national level. Phillips was excited about having his photo on the cover of the May 2009 issue of *QST* featuring the annual Dayton Hamvention.

"Throughout a 40-year friendship, Joe and I worked closely together on many occasions," said ARRL Great Lakes Division Director Jim Weaver, K8JE. "From his early days of supporting the county ARES/RACES unit and the Ohio Repeater Council, Joe has always provided energetic and effective leadership with a friendly, personal touch. The magnetism of his style of leadership drew the best from others who soon became solid friends, not mere associates."

ARRL Membership and Volunteer Programs Manager Dave Patton, NN1N, remembered Phillips fondly: "If you have been to Dayton you have met and laughed with Joe. He was the master of the Wouff Hong ceremony. His red jacket is the stuff of legend in Ohio. Joe was more than a Section Manager -- he really gave all of himself to ARRL for 20-plus years. With him dies the last paper newsletter sent to section membership. When I answered his phone calls, he announced his call with 'Here's your Ohio Nightmare.' He loved baseball, maybe more than I did. He was a good man, and he is really going to be missed."

Field Day

I have not received anything for the issue on WARA's Field Day so I am going to add a few links of media hits for other area Field Day events. Hope you'll enjoy.....

<http://www.tribtoday.com/page/content.detail/id/524268.html>

(Warren, Oh)

<http://www.youtube.com/watch?v=y3gRWG-EUGU> (the best that I have seen, my opinion)

http://www.ktva.com/ci_12734848 (Anchorage, Alaska)

<http://www.klewtv.com/news/local/49557967.html> (Lewiston, ID)

http://www.publicopiniononline.com/search/ci_12706895 (Franklin County,)

<http://www.carthagepress.com/news/x1885876503/WATCH-THE-SKY>
(South west MO)

<http://www.herald-dispatch.com/news/ohio/x1517855225/Ironton-native-pushing-for-more-to-learn-about-ham-radio> (Ironton, OH)

http://seattletimes.nwsource.com/html/localnews/2009393351_hamradio28m.html

(North Bend, Washington)

<http://www.news-leader.com/apps/pbcs.dll/article?AID=2009906230346>
(Southwest Missouri)

If any one is interested in more media hits for field day please let me know and I can forward them to you. kc8ral@yahoo.com

Ohio Amateur Radio Protection Bill (Ohio HB 212)

Ohio Amateur Radio Protection Bill Introduced (Ohio HB 212)

Please pass this information along to other clubs, other hams, members of your club, and newsletter editors in the Ohio. Encourage all to contact their State Representatives to support this bill.

http://www.legislature.state.oh.us/bills.cfm?ID=128_HB_212



Test Your
Test Your
Knowledge

What was the first mammals to return from Earth's orbit alive?

- A. dog
- B. Rabbit
- C. Cat

Cheap and Easy Antenna For 10 – 80 Meter

Cheap because you don't go out and buy a manufactured antenna for several hundred dollars. Easy because it is not resonate and is fed with twin lead and tuned with a tuner. Of course the easiest and cheapest antenna for HF is two peaces of wire each 65 feet long center fed with 65 feet of twin lead and tuned with a tuner. My antenna cost a little more but requires less space. I have it configured as an inverted L but can be reconfigured as a vertical or a loop. Here we will talk about an inverted L.

I used a Radio Shack tripod, 30 feet of aluminum tubing and about a few hundred feet of wire. No dimensions are critical. You can also use 30 feet of steel antenna mast, plastic pipe or fiberglass mast. If plastic is used then a wire is ran up the middle. If you can not go 30 feet then use what you can.

The tripod serves two purposes. To mount the antenna on a roof, and a connection point for radials and one side of the feed line. I mounted the tripod with two anchors to the down wind side. This allows the vertical mast to be laid down on the roof for assembly and pulled up.

If the antenna were ground mounted four radials would be a compromise. However an antenna with elevated radials four radials gives maximum efficiency. This is the reason for roof mounting the antenna. My antenna is on my garage.

Looking at the legs of the tripod you can see wires clamped to the legs of the tripod. These are the radials. I decided to go with both 40 and 80 meter radials. This is probably this is not necessary. Four radials for the lowest band would likely be enough. If you do not have room for 80 meter radials then go with what you have room for. Seventy percent of the energy is radiated from the first 30 percent of any antenna. So put up what you have room for. More is better but, less is not a big compromise. One side of the feed line is also clamped to a leg of the tripod.

The Spark plug mounted on one leg of the tripod is for lightening. Simply running a wire to a ground stake would be OK but I see a small improvement with this wire isolated. I drove a peace of copper pipe in the ground as near to the antenna as possible and ran a wire to the spark plug. If you take a direct hit don't think this will be all you need. But, every little bit helps.

The vertical mast must be insolated from the tripod. I used a short peace of plastic pipe inside the tripod and inserted the mast into it. This is not very strong so I used a hose clamp at the top edge of the plastic to strengthen it as seen in the picture. This is the hose clamp just above the tripod.

Cheap and Easy Antenna

Continued on page8

The vertical mast must be guyed. It is not nearly strong enough for standing alone. The mast will also be wobbly as it goes up until the guy lines are attached. Use ropes attached to the top of the mast before it is pulled up. Be sure to use ropes not affected by UV from the sun. Nylon is OK but some ropes claiming to be nylon have a sleeve of non nylon material covering the outside. Most black ropes are OK.

Attach the other side of the feed line to the vertical mast. I also attached the wire for the horizontal portion of the inverted L and feed it up through the center of the vertical mast. The wire then just continued on horizontal when it came out the top of the mast. I used a hundred and twenty feet of horizontal wire, use what you have room for. Another option would be no horizontal wire and call the antenna a vertical ground plane. I used mine this way as a 40 meter vertical this way for a while with 40 meter radials.

The far end of my antenna is into a tree. So I used a pulley, rope and a weight. So the tree could sway with out breaking the rope or antenna.

That's it, probably works as well as most antennas you could put up in the same space. The antenna has some vertical characteristics. Vertical antennas are more prone to noise so keep this in mind. Vertical antennas also have a low angle of radiation so are good for DX.

The horizontal wire can be left off and used as a vertical antenna. Another option would be leave off the radials, bring the horizontal wire over down and back forming a loop making a 40 meter loop.

So why feed with twin lead? You could use a good grade of coax. With only a small compromise. A typical loss for 100 feet of twin lead would be maybe 0.1 DB. For coax on HF loss are not that great, Maybe 2 or 3 DB or so but, this is a high SWR antenna. It is not impedance matched to the feed line or the radio. RF energy will flow up to the antenna and be reflected back to the tuner, or transmitter if you don't have a tuner. Then resent back to the antenna. Maybe several times before all is radiated. (You cannot dissipate energy into a reactive load. The antenna and tuner are both reactive.) So the feed line losses are multiplied several times over. The low loss twin lead works well, coax less so.

If your tuner does not have a balanced output you will need a four to one, unbalanced to balanced balun. You can just connect one side of the feed line to the ground post on your transmitter or tuner and the other to a banana plug inserted into the center of the SO 239 connector, but, this often results in RF in the shack.

A disadvantage of twin lead is it must be kept away from metal as it is brought into the shack. You can cross metal if you need to but, parallel runs must be kept at least greater than the space between the conductors of the twin lead. I suspended mine from a rope with wire ties as I



A photo on a postage stamp shows four dogs that flew on three different space missions - Sputnik, Chernobyl, Zvezdochka, and Belka.

A. Dog , actually it was two dogs from Russia, the dogs Al-bina and Tsyganka were blasted upward to the edge of Earth's atmosphere at an altitude of 53 miles where they were ejected to ride safely down to Earth in their ejection seats.



A photo on a postage stamp shows four dogs that flew on three different space missions

Cheap and Easy Antenna for 10-80 Meters

Continued from page 7

ran it from the garage to the house. There is an extra feed line in the picture, it is just passing through.

So there you go cheap and easy. Not a lot of space. I've seen better antennas but I've seen much worse. I am presently testing mine as a loop, to soon to tell.

Dave kz8t



Reminder

**Warren Amateur
Radio Association**

July 25—26

**Packard Special
Event**

***If anyone is inter-
ested in operating
WARA's W8P special
event please let Gail
Wells know , contact
him by e-mail at
kc8lrh@hotmail.com***

Schedule of Events

- **July 4th... Independence Day**
- July 6th ...Brunch..West. Farmington Senior Center 10:30 AM
- **July 7th... WARA Meeting**, First United Methodist Church 7:30 pm
- July 13th ...Brunch..West. Farmington Senior Center 10:30 AM
- July 18th ... Breakfast, Wayside Restaurant... 9 AM
- July 20th ... Brunch..West. Farmington Senior Center 10:30 AM
- **July 21st.WARA Meeting**, First United Methodist Church 7:30 pm
- **July 25– 26th ... Packard Special Event (W8P) behind Packard Museum**
- July 27thBrunch... West Farmington Senior Center 10:30 AM

July 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	 Happy 4th
5	6	7 WARA Meeting	8	9	10	11
12	13	14	15	16	17	18 Break-fast
19	20	21 WARA Meeting	22	23	24	25 Packard Special
26 Event	27	28	29	30	31	

WARA's 2 M net every Wednesday

WARA Net Schedule

WARA is looking for someone to volunteer for Net Coordination, if you might be interested or know someone that is please contact Dennis N8IVE



www.kc8pvh.com
(mirror site)
www.w8vtd.org
(under construction)

WARREN AMATEUR RADIO
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WARREN, OHIO 44483

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Secretary:
Hamfest Chairperson:
kd8bhr@yahoo.com
Sunshine/Sick:
nooch5@aol.com
Activities:
kd8fvi@yahoo.com
PIO (Public Information Officer):
sweetannie62@neo.rr.com

Founded In 1938, The W.A.R.A. Has Been An Anchor For Amateur Radio Enthusiast Throughout North East Ohio. For The Past 71 Years We Have Encouraged Young And Old Alike To Enjoy Themselves While Participating In An Interesting And Truly Wonderful Hobby. We Hope That You Too Will Find Yourself Swept Up In The Spirit Of Ham Radio

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~ Newsletter contact :
kc8ral@yahoo.com...

Swap N Shop

A 57 foot free standing aermotor tower with a Mosley Classic 33 tri-band beam. Free but you must take down .

Contact Henry Parise @ 330-399-1959

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