



The Wave Bender



July 2011



PRESIDENT'S QST

Now that FD is over all I can say is a big thank you to everyone that came out, helped with setup, worked FD and helped to take the stuff down. We all had a lot of FUN.

Both Robert, KD8OXJ, and Kevin, KD8NXR made their first multiple 40 Meter HF contacts, with help from Russ, KD8LDY. If you did not come to our FD then you missed a great FUN time. There were 21 members and 21 guests that came to the FD site.

In a few weeks, it will be time for the first annual WRARC picnic. If you are coming to the picnic, please contact Maureen, KD8NXS. That way we do not have 20 containers of coleslaw.

There are up coming events on the air. The Ohio QSO Party, for one, is scheduled for August 27th. We can do it as a club event with everyone working from home and then we can combine scores as a club. Let me know if you are interested.

There was a FUN event that you missed, the Original 13 Colonies event. The stations had calls K2A through K2M in the order of their ratification of the Declaration of Independence. If you got all 13, you could get a nice certificate.

If anyone needs help with an antenna, installing a radio in either your car or your home, or grounding *Continued page 3*

SATERN GETS NEW DIRECTOR

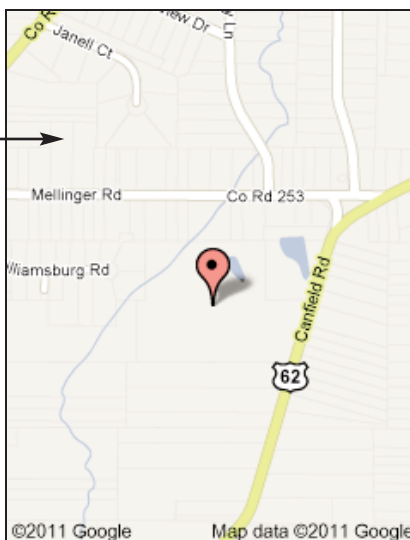
06/28/2011- After serving as Director of the Salvation Army Team Emergency Radio Network (SATERN) for more than 23 years, Major Patrick E. McPherson, WW9E, is stepping down. Major Rick Shirran VE3NUZ, of Toronto, Ontario, has been appointed as the new Director. McPherson -- an ARRL member -- founded SATERN in June 1988.



"I congratulate Major Shirran on his appointment as leader of the SATERN program," McPherson said. "I thank Salvation Army leadership for their confidence in the program, for their wisdom in ensuring the perpetuation of the program and for their unflagging support of my efforts administrating the program. I commend them on the choice of Major Shirran. He has been a long time proponent of Salvation Army Emergency Disaster Services and its SATERN component. He understands well the culture of Amateur Radio, and he has proven disaster expertise in every field of disaster endeavor."

Shirran, who received his Amateur Radio license in 1975, served 12 years as a member of the Royal Canadian Navy as a Radio Operator and Communications Technician. He is a Commissioned Officer/Pastor in The Salvation Army Canada and Bermuda Territory. Prior to his appointment, Shirran served as the Emergency Disaster Services Director and SATERN Director for The Salvation Army in Canada and Bermuda Territory.

Recently, SATERN helped provide logistical and communications support after the May tornadoes that swept through Joplin, Missouri.



Officer's Meeting: July 17, 7:00P.M.

At the Avnet's, 2050 E. South Range Rd. New Springfield (330-549-3051)

Club Picnic: July 19, 6:00 P.M.

Western Reserve United Methodist Church
4580 Canfield Road
Canfield, OH - see map

2011 Officers

President:	Al Avnet AB8AA	ab8aa@arrrl.net
VP:	Roy Haren KD8IJF	harens@juno.com
Secretary:	Jane Avnet K8JAA	k8jaa@arrrl.net
Treasurer:	John Fabry KC8SPF	jonnyjukebox@sbcglobal.net
Trustees:	Russ Williams KD8LDY	russellwhoknew69@aol.com
	Ted Filmer KD8IJE	efilmer@aol.com
	Steve Fabry KC8SOY	kc8soy@yahoo.com
Social:	Maureen Stein KD8NXS	mfstein@zoominternet.net

FIELD DAY 2011 MEMORIES

Hello all. You may not want to hear it, but summer is officially here. The longest day of the year has come and gone and so has Field Day.

We had a wonderful turnout for Field Day, we were 7A-Ohio, made lots of contacts, ate wonderful food, and just had a good time in general. We have one size large, beige, brown, and green plaid flannel shirt that wanted to stay, but had to come home with us instead because someone forgot it. If this shirt belongs to you or you know where its real home is, please give us a call 330-549-3051 and claim it. We will have it at the July picnic meeting if no one claims it before that. The hams that came out were K8JAA, AB8AA, KD8LDY, KD8IJF, N8DMC, KD8IJE, KD8HCQ, KB8QDZ, KC8SOY, KC8UNR, KD8OXJ, KD8NXP, KD8ELY, K8TME, KD8OMR, KD8JMO, KC8SPF, KG0QB, KD8NFD, KD8NXS, KD8NXR, KC8WY, KD8QCE, KD8CGW, AL7OP, KD8UKK, KD8AMB, KD8NUT.



JUST A FEW FIELD DAY PICTURES

Join us for the WRARC
 Friday night Net
 9:00 P.M. on 145.270, PL -110.9
 This is a directed net, with all interested
 members taking a turn
 at Net Control
 Contact Steve KC8SOY to take your turn
 330-774-6346

- July 1 Jane K8JAA
- July 8 Tour of the valley
- July 15 Dave KC8WY
- July 22 Russ KD8LDY
- July 29 ROBERT KD8OXJ

COLUMBIANA COUNTY DIGITAL NET
 8:30 pm - 9:30 pm
 145.510 MHZ SIMPLEX Wednesdays

First Wednesday of the Month
 the Mahoning County
 ARES/RACES/Skywarn training net
 is held on the W8QLY repeater
 146.745 (-) at 8:30P.M.



CLASSES STARTING
 TECHNICIAN CLASS
 SEPTEMBER 14 - TESTING OCTOBER 19
 7 - 9:00+ P.M.
 EXTRA CLASS
 OCTOBER 26 - TESTING DECEMBER 21
 7 - 9:30+ P.M.
 MAHONING COUNTY EMA
 700 INDUSTRIAL RD.
 YOUNGSTOWN
 330-549-3051



On Sunday morning Robert KD8OXJ demonstrated how to build a six-meter J-pole antenna and we had two special guests Joseph Chevraux from the Multiple Sclerosis Services Agency and Martha Zarlenga, Canfield Township Trustee. We operated with generators and solar.

PRESIDENT - CONTINUED FROM PAGE 1

please contact, me and I will get some help to you. Just think about getting the antennas up before it turns cold.

Till next month.
73
Allan, AB8AA

TOUR OF THE VALLEY - JULY 8 & 9



Tour Attracts USA Cycling's Elite National Championship Criterium Winner
Tour Attracts USA Cycling's Elite National Championship Criterium Winner
VALLEY NATIVE

David Wenger an area native, graduating from South Range in 1998 and Miami University in 2002, who now lives in Austin Texas, where he operates a cycling and triathlete coaching business, Durata Training. David started bicycle road racing in his early teens, racing with local Glenwood and Mahoning Valley Cycling teams, before achieving a national track collegiate track title, and spending a few years in the domestic professional cycling ranks. North Lima native, David is a recent winner of the criterium national championship, will race in the criterium on July 10. He won the USA Cycling's Elite National Championship Criterium event in Augusta Georgia among the nation's top Category 1 riders. He also placed 8th nationally in the time trial event and he is on his way to the Valley to race in the third annual Tour of the Valley.

The Third annual Tour of the Valley features 21 categories of races from July 8-10.

July 5: North Lima native David Wenger, the U.S. criterium champion, will give a cycling clinic at Cycle Sales in Boardman.

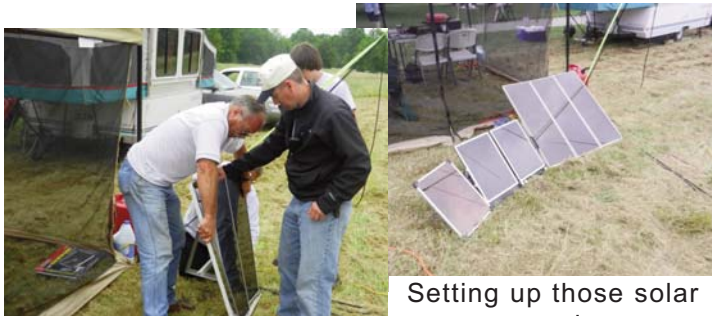
July 8: Time Trial from 5-8 p.m. open to all at the Mastropietro Winery in Berlin Center.

July 9: Columbiana Road Race features a 33-mile course that begins in Columbiana. Pro riders will make

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Not sure how many contacts were made, but this activity and these visitors each counted for extra points on our overall score for the weekend. Thanks to all of you for your efforts.



Setting up those solar panels

CONTACT WRARC ELMERS WITH YOUR QUESTIONS

Avnet, Allan AB8AA

Beatty, Dave KC8WY

Fabry, Steve KC8SOY

Haren, Roy KD8IJF

Webster, Robert KD8OXJ

Williams, Russ LD8LDY

Antennas, radio setup, mobile, grounding, classes, anything anything

Yaesu FT8900, FT8800, Mobile ???

erecting antennas

Electrician, tele-data, Amateur Extra

ab8aa@arrl.net

kc8wy@zoominternet.net

kc8soy@yahoo.com

harens@juno.com

rswbster@mail.com

russellwhoknew69@aol.com

ISS SURVIVES NEAR MISS OF SPACE JUNK



Just after 8 AM (EDT) on Tuesday, June 29, the six residents of the International Space Station (ISS) climbed into two Soyuz space capsules as an unidentified object hurtled past them at a speed of 29,000 miles per hour, missing the space station by only 1100 feet. This was only the second time in the 10 year history of people living on the space station that the crew needed to take such precautions. If the station had been hit, the crew could have quickly undocked from the ISS and returned to Earth via the space capsules.

"We believe the probability that it would hit the station was about 1 in 360," said Lark Howorth, who leads the team at NASA that tracks the ISS' trajectory. NASA rules call for precautions when the risk of impact is greater than 1 in 10,000. According to NASA protocol, personnel onboard the ISS are warned several days in advance of the possibility that something might come too close to the station, allowing the crew time to move the station by firing its thrusters. That has happened 12 times. This time, however, the warning came Monday evening, less than 15 hours in advance, not enough time to plan such a maneuver.

According to The New York Times, NASA estimates that for each six month period, there is a 1-in-100 chance that some or all of the space station crew might need to evacuate; most of that risk comes from the possibility of impact from debris or natural micrometeoroids. Over 10 years, the current planned lifetime of the station, the cumulative risk is nearly one in five. "It's at the level where it probably won't happen in the lifetime of the station, but it could easily," said Jonathan McDowell, an astrophysicist at the Harvard-Smithsonian Center for Astrophysics who has become an expert on space debris. "The debris includes spent rocket stages, and sometimes over time residual fuel combines and explodes. You now no longer have a rocket stage. You have 500 pieces of shrapnel."

'The most terrifying words in the English language are: I'm from the government and I'm here to help.'
-Ronald Reagan

TAPS



Near the bottom, as you read down, are the words. The first stanza frequently comes to mind at sundown... If any of you have ever been to a military funeral in which taps was played; this brings

out a new meaning of it.

Here is something Every American should know. Until I read this, I didn't know, but I checked it out and it's true: We in the United States have all heard the haunting song, 'Taps'. It's the song that gives us the lump in our throats and usually tears in our eyes.

But, do you know the story behind the song? If not, I think you will be interested to find out about its humble beginnings. Reportedly, it all began in 1862 during the Civil War, when Union Army Captain Robert Elli was with his men near Harrison's Landing in Virginia .. The Confederate Army was on the other side of the narrow strip of land.

During the night, Captain Elli heard the moans of a soldier who lay severely wounded on the field. Not knowing if it was a Union or Confederate soldier, the Captain decided to risk his life and bring the stricken man back for medical attention. Crawling on his stomach through the gunfire, the Captain reached the stricken soldier and began pulling him toward his encampment. When the Captain finally reached his own lines, he discovered it was actually a Confederate soldier, but the soldier was dead. The Captain lit a lantern and suddenly caught his breath and went numb with shock. In the dim light, he saw the face of the soldier. It was his own son. The boy had been studying music in the South when the war broke out. Without telling his father, the boy enlisted in the Confederate Army.

The following morning, heartbroken, the father asked permission of his superiors to give his son a full military burial, despite his enemy status. His request was only partially granted. The Captain had asked if he could have a group of Army band members play a funeral dirge for his son at the funeral.

The request was turned down since the soldier was a Confederate. But, out of respect for the father, they did say they could give him only one musician.

The Captain chose a bugler. He asked the bugler to play a series of musical notes he had found on a piece of paper in the pocket of the *Continued page 5*

TAPS - CONTINUED FROM PAGE 4

dead youth's uniform. This wish was granted. The haunting melody, we now know as 'Taps' used at military funerals was born. The words are:

Day is done.
Gone the sun.
From the lakes
From the hills.
From the sky.
All is well.
Safely rest.
God is nigh.

Fading light.
Dims the sight.
And a star.
Gems the sky.
Gleaming bright.
From afar.
Drawing nigh.
Falls the night.

Thanks and praise.
For our days.
Neath the sun
Neath the stars.
Neath the sky
As we go.
This we know.
God is nigh.

I too have felt the chills while listening to 'Taps' but I have never seen all the words to the song until now. I didn't even know there was more than one verse. I also never knew the story behind the song and I didn't know if you had either so I thought I'd pass it along. I now have an even deeper respect for the song than I did before. Remember Those Lost and Harmed While Serving Their Country.

Also Remember Those Who Have Served And Returned; and for those presently serving in the Armed Forces.

Make this a Prayer wheel for our soldiers...



*DONT ARGUE
WITH
STUPIDITY...
THEY WILL
JUST DRAG YOU
DOWN TO
THEIR LEVEL, AND BEAT YOU WITH
EXPERIENCE.....*



CONT. FROM 3

three laps. In 2009, the Tour attracted 155 riders.

Quinlan said the race will test the toughest of cyclist. "The riders of tired after three days of racing," I think the design of the course is actually going to make this race something the riders want to do.

Quinlan said Wenger also will give a cycling clinic on Tuesday at 5:30 p.m. at Cycle Sales in Boardman.

The tour begins July 8 at 5 p.m. with a time trial at the Mastropietro Winery in Berlin Center. The time trial is open to anyone.

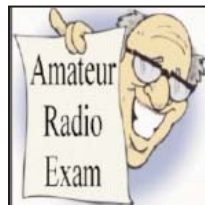
The Tour shifts to Columbiana County on July 9 for a 33-mile course that starts in Columbiana and goes south toward Beaver Creek. This year, the pro cyclists will ride the course three times compared to two in 2010.

Also on July 10 will be a community ride for non-racers that will begin at 8:30 a.m. at YSU and proceed to Mill Creek Park. Enjoy the ride with the Outspoken Wheelmen of Boardman. They will meet at the Williamson School of Business (YSU) at 8:00am. This leisurely paced 25 mile ride will be through Mill Creek Park and therefore be somewhat hilly. Call Ed Howley at 330-793-8219 for more info.

Quinlan's wife, Erin, is to co-race director. She said their goal for the weekend event is to promote the Mahoning Valley. "Our mission is to play a leading role in making the Valley a young and active community," the president of Carbon Racing said. "We are creating with Tour of the Valley a new culture of cycling. "As an eco-friendly event," the Tour also is promoting ways for residents "to reduce their impact on the environment."



JUNE TESTING RESULTS






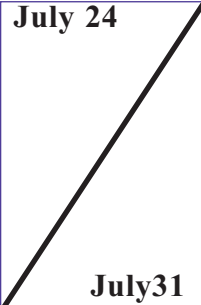


Last month in June, we had two test sessions, two tested on the fifteenth and passed. Congrats to member **Harry Harker, KD8PQK** on upgrading to General and to **Marc Krol, KD8QJK** on becoming a Tech. On the twenty-fifth on Field Day morning, we had two testing. Sadly only one passed. Congratulations to **Les Benson WB8LES** on your upgrade to General. Les will be leaving very soon for Afghanistan Those VE who took part in one or both sessions were: **Al Avnet, AB8AA, contact VE; Jane Avnet, K8JAA; Jim Jickess, KB8QDZ; Wes Boyd, W8IZC; Dave Beatty, KC8WY.** Thanks so much for your help.

July 2011

National Picnic Month



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
June 26	June 27	June 28	June 29	June 30	July 1 WRARC Net 9:00PM 145.270 K8JAA Dog Days Begin	2
3	 Happy Birthday USA 235 years old today	5 Happy Birthday KC8YLV 	6 ARES Net 8:30 P.M. 146.745 COLUMBIANA COUNTY DIGITAL NET 8:30 pm-9:30pm 145.510 MHZ SIMPLEX	7	8 WRARC Net 9:00PM 145.270 Tour of the Valley	9 Tour of the Valley 
10	11	12 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast	13 COLUMBIAN A COUNTY DIGITAL NET 8:30 pm - 9:30 pm 145.510 MHZ SIMPLEX	 Bastille Day	15 WRARC Net 9:00PM 145.270 KC8WY	16
17 WRARC Board Meeting 7:00P.M	18	19 WRARC Picnic Meeting 7:00 P.M	20 COLUMBIAN A COUNTY DIGITAL NET 8:30 pm - 9:30 pm 145.510 MHZ SIMPLEX	21	22 WRARC Net 9:00PM 145.270 KD8LDY	23 Happy Birthday KD8PQJ 
July 24  July 31	25	26 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast	27 COLUMBIAN A COUNTY DIGITAL NET 8:30 pm - 9:30 pm 145.510 MHZ SIMPLEX	28	29 WRARC Net 9:00PM 145.270 KD8OXJ	30 National Cheesecake Day