



Volume XXIV, Issue 3

March 2017

Editor: Thomas Price; KC2PSC

Touring and Portable operation in Wyoming by: Fred Kruger, K2LDC

In May 2015, my wife Barbara ,WA2VQJ, and I ,Fred, K2LDC, left our Commack home. We were headed to Barbara’s brother and sister-in-law’s home in Thermopolis, Wyoming with a plan to spend some time visiting points of interest and some National Parks/Monuments along the way. We drove Barbara’s Prius both for gas consumption reasons and because it was the much newer of our two cars! In the car was a 50 watt, 146 MHz transceiver connected to a dual-band whip on the roof and a HF portable station consisting of an ICOM 703a multi-band transceiver, a 12 volt-18 amp “jump-start” battery pack, and a complete Buddipole compact and portable, multi-band tunable dipole antenna kit, clothes, water and emergency/survival kits. Our first trip leg was to my brother Matt’s, K2OZO, home in Shavertown, PA. We left early the next day on our next leg. We headed west on Interstate 80, with the plan to transition north to Interstate 90 west of Chicago. We spoke with hams along the way using 146.52 simplex. Our first refueling, etc., stop was just east of Cleveland. At that point, as we parked the Prius, we realized that *size* does matter. We were not alone on the road!



As we drove west, we stopped at the Minute Man



National Historic Site, Mt. Rushmore, the Crazy Horse Monument, and Devil’s Tower. We finally



arrived in Thermopolis and had to drive through more than 100 Bison to get to Howie and

Suzanne's home. They introduced us to some wonderful towns people.

After several days, we headed for Yellowstone National Park via Cody; then on to the Grand Teton National Park and Jackson, Wyoming.



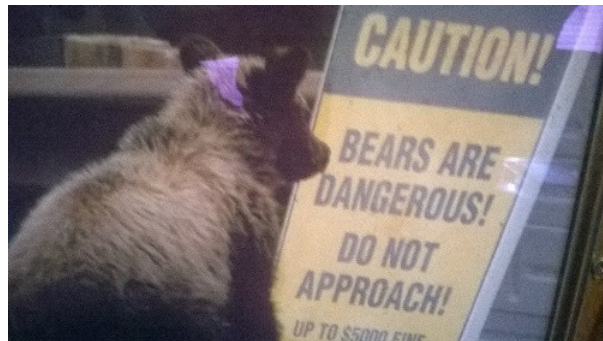
We stayed in several Yellowstone locations; from Grant Village, to Mammoth Hot Springs, to Canyon Village and Old Faithful. As we traveled through the park, we got to see and photograph geologic features and many different animals in the wild. Sometimes we were stuck in our car



waiting for bison, elk, antelopes, and mule deer to move off the road and away from parking spaces so that we could continue on our way.



After almost a week, we left Yellowstone and headed south to the Tetons and Jackson. Then, it was back to Thermopolis via Shoshoni. We rested from the past week's travels and I set up my Buddipole dipole in an open area on the side of the house.



The Buddipole antenna system is made up of several threaded sections and two adjustable loading coils that are selected, assembled, and adjusted for operation on the desired ham band. The antenna manual provides necessary configuration tables. The two arms of the resulting dipole are joined by the VersaTee central block that mounts to the collapsible mast. There are three posts on the front of the VersaTee. The RED post is for the hot side, which is fed by the inner conductor of the coax (red lead). The BLACK post is for the ground side of the coax (black lead). The coax feed is connected to the VersaTee binding posts using a short stub adapter. The VersaTee fits right onto the standard 8' mast (1/2" NPT, or pipe threads). The system works on all HF bands, 6m, and 2m, and is adjustable. The tripod and mast assembly raised the dipole to about 10 feet. I set up the IC-703a in a screened-in porch, set the power level to 5 watts, verified the tuning of the antenna, and started looking for contacts on the 20 meter band. I figured I needed at least two contacts to demonstrate to my in-laws that my low-power, portable station was easy to set up and actually worked.



Although AC power was available, I chose to use my 12volt emergency battery pack. The “jump-start” battery pack, which is always in my car, was used to demonstrate the total portability of this station. It could be set up and used anywhere without connection to the power grid or to the car’s 12volt battery (Harbor Freight—around \$40 with one of their 20% off coupons). The complete antenna system collapses to fit into one

lightweight fabric carry bag.

I made two SSB contacts within the first a half hour. One contact was in Edmonton, Alberta, Canada and the other was north of Seattle, Washington; both were over 500 miles away.

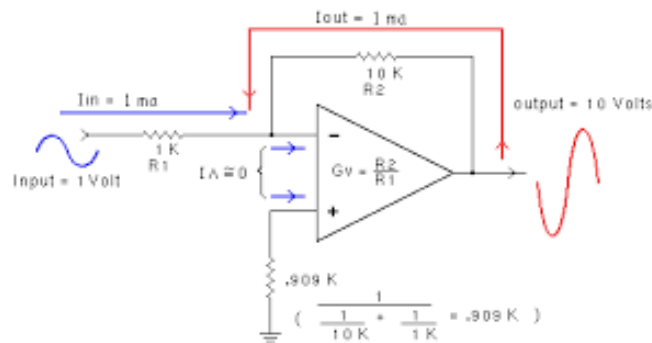
Everything worked perfectly.

Unfortunately, I was interrupted with the “reminder” that the four of us were scheduled to go into town for several social and dining activities.

All too soon, our visit had to end and we headed south via Casper and Cheyenne, where we attended a lunchtime Rotary Club meeting. Then we headed east on Interstate 80 into Nebraska and then on to Commack. In just under four weeks, we covered almost 6,000 miles. We had a wonderful time, took many pictures, and are now planning our next “road trip.”







OP AMPS

**Thomas Price, KC2PSC & Bob Benward,
AC2AZ**

**Thursday March 9, 2017 7:30PM
Town of Huntington Senior Center**

This presentation will look at a useful and interesting building block of radios. Different types of circuits and some applications of this component will be discussed.

Yahoo Group

Please join the Clubs Yahoo group. Not a member already send an e-mail to the following address:

larkfieldarc-subscribe@yahoogroups.com

Join our facebook group

<http://www.facebook.com/Larkfieldarc>

ARES/RACES NET

Sunday 0900 New York State RACES 3993.5 LSB
Monday 1900 Huntington - 147.210
Monday 1930 Smithtown - 145.430
Monday 1930 Southampton - 147.195
Monday 2000 Nassau County ARES RACES - 443.525
Monday 2000 Easthampton - 145.270
Monday 2015 Babylon - 146.685
Monday 2030 Brookhaven - 145.210
Monday 2100 Suffolk County RACES - 145.330

The Larkfield Amateur Radio Club

Affiliated with American Radio Relay League

Officers (one year terms)

President Peter Deluca	AA2VG(2015)
Vice President Neil Harris	KC2TAF(2015)
Secretary Neil Goldstein	W2NDG(2015)
Treasurer Roger Rapp	W2GLE (2015)

70 centimeters
448.500 MHz out/ 443.500 in
2a/114.8 Hz PL

THE LARKFIELD AMATEUR RADIO CLUB OPERATES:

General Directors (two year terms)

Thomas Price	KC2PSC (2016-2017)
Jonathan Schwartz	KC2PBE (2016-2017)
Roy Diers	KD2HWE (2017-2018)
Bob Benward	AC2AZ (2017-2018)
Rich Florio	W2TMA (2016-2017)
Scott Conover	AC2FV (2015-2016)

WR2ABA HUNTINGTON REPEATER

2 meters
147.210 MHz out/147.810 MHz in
4z/136.5 Hz PL

W2LRC HAUPPAUGE REPEATER

2 meters
145.430 MHz out/144.830 MHz in
4z/136.5 Hz PL

WA2PNU Station Trustee Bob Benward AC2AZ
WR2ABA Station Trustee Bob Benward AC2AZ
W2LRC Station Trustee Bob Benward AC2AZ

W2LRC HUNTINGTON APRS

2 meters
144.390 MHz In/Out

Members of the Larkfield Amateur Radio Club are invited to use the W2RGM Dix Hills Repeater System:

2 meters
147.075 MHz out/147.675 MHz in
4z/136.5 Hz PL

USA EASTNET FLEXNET NETWORK

2 meters
WA2PNU (0-15) Nodes 145.070 MHz
WA2PNU (-4) Node 145.070 MHz (BBS)

The Larkfield Amateur Radio Club wishes to thank Bruno KC2ESI, Jack K2JX, Joe N2QPD, Bob AC2AZ, Thomas KC2PSC, and Pat WB2CMF for their dedication and efforts in maintaining the Club's repeaters and our packet and APRS stations. Their collective efforts and donations of equipment along with the overview of Bob AC2AZ and Peter AA2VG have kept us "on the air". Still to go, another 440 MHz repeater and adding IRLP or Echolink to one of our repeaters. We need volunteers for this new work.

General Meetings 7:30 PM
February 9, 2017 March 9, 2017
April 13, 2017

Board Meetings 7:00 PM
February 9, 2017 March 9, 2017
April 13, 2017

GOOD AND WELFARE

Attention members: Our Good and Welfare Chairperson is Helene Lazarus (XYL of Arnie N2PLS (SK)). Please inform her (499-2837) of news about club members so she may make submissions to this publication.

<p align="center"><u>2017 DUES SCHEDULE</u> Regular Membership: \$35.00 Members Age 65 or older: \$25.00 Members Age 17 or less: \$25.00 Disabled Members: \$25.00 Living Outside Club's Operating Sphere: \$15.00</p> <p><u>Add \$10.00 if you want QSX via U.S. Mail</u></p>	<p align="center">Pay by PayPal at larkfield.org</p> <p align="center">Make your check payable to: LARC</p> <p align="center">And Mail to: Larkfield Amateur Radio Club Inc. PO Box 1450 Huntington, NY 11743</p>
<p align="center">VE SESSION SATURDAY February 11th HUNTINGTON TOWN HALL 100 MAIN ST., ROOM 114 WALK-Ins WELCOME</p> <p>Team Liaison is Rich W2TMA. Fee is \$15. All elements will be offered and exams start at 9:00AM. You must have 2 forms of ID, one of which includes a photo. If upgrading, bring an original and a copy of your license and an original of any CSCEs.</p>	<p>The next Executive Board and General meetings will be on Thursday, February 9th at 7PM and 7:30PM, respectively.</p> <p>You can submit articles or photos for publication by e-mail at: larkfieldqsx@gmail.com</p>

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