



BACKSCATTER

LAKELAND AMATEUR RADIO CLUB



Volume 28 Number 8

On the web: <http://lakelandarc.homestead.com/>
LAKELAND AMATEUR RADIO CLUB, P. O. BOX 792
EATON PARK, FLORIDA 33840

August 2004

THIS MONTH'S MEMBERSHIP MEETING
WILL BE HELD August 2, 2004 at The
Fellowship Hall of the Westminster Presbyterian
Church on S. Florida Avenue between Riggins
Street and Mosswood, Lakeland FL. at 7:00 PM,
Talk in on 146.685, PL 127.3

The Prez Sez.

Bob Herring, N4DOA

August

Greetings to members of LARC in these, the dog days of summer. Although everything slows down this time of year in Polk County, we have received **two new applications for membership** in the Club. These guys should be at the meeting, so do mark the date down: Monday August 2nd, at the Church. Please be sure to look them up at the meeting and welcome them into our Club.

Golly, **K4BHE's 2 meter Net/Traders Net last night** was surprisingly well-attended and lively. It was the first one in a while that I've been able to check into, because of my school schedule. It did make me feel like I want to sign up for net control again, just for the fun of it—that's how good it was...good job, Phil. It seemed like you had at least 25 check-ins. There were some interesting things being offered for sale—transceivers, antennas, hand-helds and such. Honestly, this is the way a net should be run: it was well-paced, interesting, lively, well-attended, and run by a seasoned ham and past officer of LARC, **Phil Dentler, K4BHE**. He can get into the technical

depth of things, but also is one who can relax and enjoy the hobby with others of his ilk, namely, us. Thanks, Phil.

Folks who are not at all of the Club meetings sometimes don't know that quite a bit is being discussed, planned, and hashed over behind the scenes for the coming months. We are looking through the long, hot summer and toward the fall and winter.

Let's have a **picnic in September!** The date is **Sunday, September 12th**, to be held up at Lake Parker Park, as before. This will be a pot-luck affair. The pavilions are free, shady, and right on the Lake. There is always room to set up radio and antenna equipment (and maybe fans, this time of year) for entertainment. The picnic event will be brought up again at the next general meeting. Let's pass around a sign-up sheet for food, drinks, condiments and supplies, so we know who's bringing what. It'll be simple, cheap and fun—what's not to love? I will come up with the sheet and bring to the meeting for pass around and signup.

Florida CERT (Community Emergency Response Team) is wanting hams in the local area to get involved with them for their **January conference at the Lakeland Center**. This will be talked about at the August meeting. Another upcoming possible activity for us is the **Lakeland Police Expo** which occurs every October. What about it? Want to get involved? **Jack, K4BYF**, will tell us about last year's event, other year's events, what we should do with this opportunity, and give us some guidance. We will bring this up at the meeting for discussion.

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The Club is always looking to score a few extra dollars, of course, and here is what I have approved with my XYL/CFO: Gaye and I will host a **LARCYARD sale** in November at our house here in the Southgate area of Lakeland, strictly for the benefit of LARC. In past years, we (as a domestic household, not as a club) have had good turnouts and made a decent amount of money. Let's get rid of unneeded stuff and help the Club.

One more thing: At the meeting, I am going to nominate four of you, plus one chairperson, to make up the Nominating Committee for next year's officers. Your job will be to collectively come up with candidates for the membership to vote on at the November meeting.

See you at the meeting.....
73, Bob, N4DOA

From the Secretary:

During the remainder of the year members can update contact information whenever changes occur by sending a postcard to Lakeland ARC; Attn: Secretary; PO Box 792; Eaton Park, FL 33840.

De Rebecca, KF4TXO, Secretary

EVENTS

August

None Scheduled for August.

73, Pat, Wd4BEK, Events Coordinator

August Program

The guest speaker for August will be Evans Mitchell, KD4EFM, Polk County EC for ARES.

His topic will be on EchoLink.

De Bob, N4DOA

Education Committee Report

August

While the Education Committee has had little to do so far this year, plans are in the works to participate in the Community Emergency Response Team (CERT) State Conference that will be held in Lakeland at the Civic Center in January 2005. The Lakeland Amateur Radio Club has four hours of presentation time allotted to us. Tentative plans are to do an Introduction to Ham Radio, Introduction to Emergency Communications, Communications Techniques and Modes, and other subjects that might be of interest to this audience. Be prepared at the upcoming meeting with your ideas and input to kick off the planning stage for this event. The Education Committee will need help on this one and looks forward to any volunteers that will step forward. If you have expertise in APRS, Packet, Fox Hunting or other ham-related subjects, we can use you.

Make plans to attend this meeting.
73 until next issue,
Joe Pirkle - AD4IH

August Birthdays



K1EC	Conrad	Sheldon	August 02
KR4TU	Joe	Morrell	August 06
WD4DGC	John	Halley	August 10
KA5QWX	Tom	Hubbard	August 14
	Martha	Gochin	August 20
AA4HT	Robert (Rip)	Van Winkle	August 22

If your birthday is in this month and is not listed, contact the Editor at

KF4JED@WMconnect.com - to update the birthday roster.

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Editor's Note:

Hello Fellow Members

Here we are in August and this is my first attempt at editing the Backscatter.

Hope you will all bear with me and also welcome me as your editor. I promise I will do my very best for the common good of the club.

Any ideas? I welcome any and all ideas I am an editor not a writer you will let me know what YOU want in your club paper.

73'sd de RON, KF4JED

Wednesday Luncheons

Join us for lunch at Ling's Chinese Restaurant on 98 North on Wednesdays at 11:00 AM.

Joe Pirkle - AD4IH

From the LARC Reflector

Wanted: Does anyone have a tone board TU79 for a Kenwood TR7950? Contact me by phone 864-439-1036 or k4byf@aol.com.

FOR SALE: Oak Hills Research OHR-100A QRP-HF Transceiver for 40 meters. No nicks or dents. Non-smoker. 5 watts+ output adjustable from 0 to full power. QSK. RIT +/- 1000 Hz. 4-pole fully adjustable crystal filter from 1200-400 Hz. 70 KHz tuning range from 7.000 to 7.070. Upgrades include a Mouser 10-turn pot. for fine tuning, and Wilderness Radio KC1 Keyer/Frequency Counter. KC1 announces Frequency in CW; Iambic A & B keyer with speeds from 7 to 50 WPM and message memory; receiver muting for command mode; frequency search announcement. All manuals. \$75.00 plus shipping. CONUS

only. Questions etc. to grandpa@usa.net
(W2XN) Digital pix on request .

**Reference to ARES/PCCP and the
Bartow Shelter Net Control Point**

Status update:

Shelter Net Control Point:

Electricians have been working for several days now at the SNCP installing outlets on the cable tray, breaker panel, etc. They should be finished this week.

The bulk of the new workstations are set up and the final work on those can probably be done this week as well. A little fine-tuning and some trim pieces to put on. Needless to say, with the new modular furniture walls up, it is a much quieter and far better looking room.

With the above complete it will be time to start installing radio equipment and computers. This will need to include determining what equipment will be located at each station based on the operational function of the facility when activated.

I should have a schedule this week for when the additional tower work will be done. That will include mounting an HF antenna and installation of a side arm with pulleys to allow for various antennas to be put up as needed.

I am still working with the E-9-1-1 folks to round up some of the large Dispatcher type chairs for the workstations.

Something we will need to design and build is a standardized audio panel for each

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position that will accommodate multiple audio I/O: i.e.: feeds for headsets, earphones, speaker, [and] microphone that will work with several radios.

Weather Stations:

On another project, we have purchased 5 new weather stations and the 2-meter radios necessary to put them on the air. The weather stations will be located at various facilities around the county and accessible via 2-meter or Internet. Once all of the parts arrive we could probably use some help to get them installed sooner rather than later.

Lake Wales Repeater:

Should anyone talk to the folks from the Lake Wales club, they need to contact me if they are interested on putting their repeater on the tower at Dundee. They can contact me at the office (519-3930) or at the meeting next Saturday.

Meeting Schedule:

We need to review the meeting schedule for the remainder of the year and decide if we are sticking with Saturday's or a week night, etc. I am open to discussion on the subject. Meeting on Saturday, July 31: This one is important! Please plan on attending! Next Saturday I would like to change the schedule a bit. Noon - 1:30 P.M. could be a cook-out / lunch and an opportunity for everyone to see the work that has been done on the building. We will start the actual meeting at 1:30 and discussion will center on:

1. What needs to be done to complete the SNCP
2. Developing a schedule to complete it
3. Who can help, and when
4. Finalize the equipment list for the shelter kits

5. Finalize the meeting schedule for the rest of 2004
6. Preliminary planning on a communications exercise to test the capabilities of both the SNCP and the shelter kits

Thanks!

Ben Holycross

A Note From Jack Falkenhof

I want to thank all in attendance at the July LARC meeting for the great response to my talk and demo about fox hunting. I have since been asked to supply diagrams and schematics for the directional antennas and "sniffers". First, a description for building a similar "tape measure" antenna is available on the Web at www.wb4fay.com/rdf-projects.html. The only critical factor is the length and spacing of the elements. You can use any non-metallic material you desire or have on hand for the boom. Just try to keep it light in weight. The little detector I showed was described in the April, 2001 QST. It is available in kit form with a printed circuit board for about \$60. It can be built from scratch for about \$15. If there is enough interest in going this route, we can order the components in bulk and have a few group building sessions to get you started. Remember, all you actually need is a directional antenna and an HT, the rest can be added later as you get more experienced and determine what you actually need.

73 de Jack, K4BYF

A Farewell from Darrell Davis

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Greetings to All

I have enjoyed serving as your Technical Coordinator for the ARRL West Central Florida Section for the last 4 1/2 years. The friends Kristina KG4NNM and I have made over these last few years has been many and have made many acquaintances as well. However, as many of you may have heard, Kristina KG4NNM and I are moving to Gainesville the first of August to pursue employment and business opportunities that presented themselves a few months ago.

My resignation as Technical Coordinator will be effective Monday July 26, 2004. Dave AE4MR, Section Manager, has appointed Geoff Haines N1LGI as the new Technical Coordinator for the ARRL West Central Florida Section. Geoff has been a Technical Specialist, specialty in the area of Mobile Installations, Net Manager for the WCF Technical Net for over the past year, and net manager for several other section nets as well. Geoff is also active in Manatee County ARES having constructed a very nice Mobile Communications Unit in the back of his Jeep Cherokee. Geoff also has authored a very nice article in the August 2004 QST. Geoff's email address is n1lgi@arrrl.net.

I would like to wish all of you well and success in your future endeavors. I will remember with fondness the good times we had and the friendships made as well. We will come back from time to time to visit. I hope to be able to talk with many of you on our return visits on those occasions. Also we hope to see you at the Orlando or Tampa Bay Ham fests as well. My email will remain the same. Our new address in Gainesville is:

Darrell Davis KT4WX
Kristina Davis KG4NNM
2930 SW 23rd Terrace
Apt. 202
Gainesville, FL 32608



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