



THE LED

JANUARY 2008

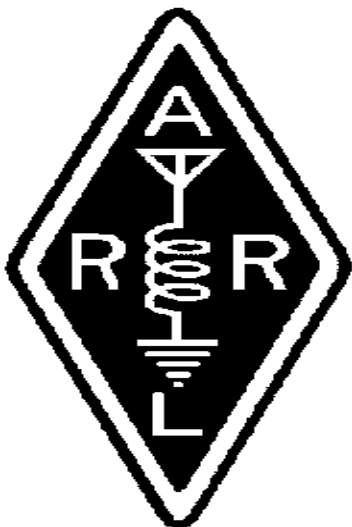
**Livingston Amateur
Radio Klub
PO Box 283
Howell, Michigan
48844**

www.w8lrk.org

NET 146.680
SUNDAY 9PM

CLUB CALL IS: W8LRK

NEXT KLUB MEETING
January 10th 7:30PM at the
EOC, Highlander Way, Howell, MI



BOARD MEMBERS

President Van N8GVD
Vice-President Dick W8KDR
Secretary Mary KC8SER
Treasurer Clairus KC8QQN
Program Director Jon KC8VAB
Tech Coordinator Jim WB8AZP
Board Member Chuck W8CLK

COMMITTEE CHAIRPERSON'S

Repeater Trustee Jim WB8AZP
LED Editor Neil K8IT
VE Coordinador W5YI Jim WB8AZP
VE Coordinador ARRL Van N8GVD
PIO Officer Brandon KC8YHE
PIO Officer Jim N8ENX
Webmaster Les W8MSP

The Livingston Amateur Radio Klub maintains the 146.680 (Negative Offset, 162.2 CTCSS) and also the 444.525 (Positive Offset, 100.0 CTCSS) repeaters in Livingston County.

Please feel free to use them with good Amateur Operating Practices and don't forget to attend our meetings!

PREZ SAYS

I'd like to wish you a Happy New Year! The Klub has lined up an interesting and exciting list of Speakers and Programs for the New Year, I would like to encourage more members to show up and take advantage of them. We have People working hard to make these happen. And as always if you have Ideas that you believe we should learning about let us know.



Our ability of providing Emergency Communications to served agencies is a very important part of the spirit of Amateur Radio. I want to thank those that have stepped up taken the required courses and training and participated in the exercises. But of course we can do better and waiting until we are needed isn't the time to decide you want to help. I would encourage all Radio Amateurs to become more involved in ARES and RACES take the required classes and making time to participate in the exercises. Having the training is as important as having the ability to do the job. To learn more visit www.n8eoc.org, www.w8lrk.org click on the ARES RACES tab or contact our EC or any of the AEC'S.

This month we will be building antennas. You can walk away with a Dual band antenna to replace that aging one you have, maybe it can be a spare antenna or one more to add to your Go Kit

The Klub's Board is excited about 2008 and I hope you are too. I'm looking forward to seeing you at the next meeting of the LARK.

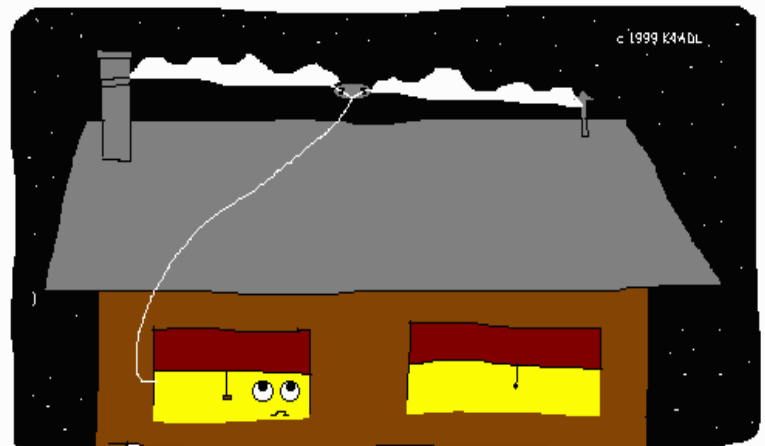
Van N8GVD

LARK Dinner before the Meeting (DBTM)

Check in on the 146.68 repeater.

LARK Saturday Morning Breakfast

Join us for Saturday morning breakfast, held on the first and third Saturdays of each month. Our current location is the Crossroads Grill, near the intersection of Oak Grove Road and M59 in Howell. (The restaurant is located near the south end of the Kroger plaza). This is a great opportunity to get together with hams that can't always make our regular Klub meetings, and for hams just passing through! All are welcome!



WILBUR ASSUMED HIS MAGNET-WIRE DIPOLE WAS INVISIBLE TO THE HOMEOWNERS' ASSOCIATION, BUT THE FIRST SNOWSTORM OF THE SEASON PROVED HIM WRONG.

Cartoon reproduced from www.qsl.net/k4adl

LARK Meeting Minutes 12-13-07

The meeting was called to order by Van N8GVD

The Pledge of Allegiance was recited.

Introductions were made.

Clairus KC8QQN advised that the Raffle License will be received in the next week or two and we can then print the tickets. 150 tickets will be sold and can be purchased from any board member for \$20 ea.

Jon KC8VAB gave a review on soldering PL-259 connectors on coax. Meeting attendees were then given the opportunity to solder the connectors on a two foot piece of coax that will be used to make antennas at next months meeting.

Secretary's report was accepted as published in the LED.

Treasurer's report was passed out and accepted as printed.

ARES/RACES: Bruce N8WWX gave an update on the D-Star project and the progress at the Hillcrest site.

Technical Director – Jon KC8VAB gave a report on the progress on the repeater upgrade.

Neil K8IT our new LED editor talked about some of his ideas for the upcoming LED issues.

Dick W8KDR talked about upcoming events.

There was no old business.

The audit has been completed.

Dues are now due.

New business: None

Pat W8LNO N8RBA made a motion to adjourn and Mac seconded. Motion passed with 2 opposing.

50/50 was won by Chuck W8CLK.

Respectfully submitted Mary KC8SER, Secretary

WIN This RADIO

ICOM IC-7000 & RMK KIT



Serial Number .0507622

CLICK for INFO: <http://www.universal-radio.com/catalog/hamhf/0700.html>

**Ticket sales for the LARK Raffle for an
IC-7000 with RMK remote kit
valued at \$1,539. will start at the
December 13th LARK meeting**

The DRAWING will be held at 9pm March 13th at the LARK Meeting
300 S Highlander Way, Howell, MI
You need not be present to win

***Tickets will be available at \$20 each (only 150
will be sold) from any LARK Board member at any
LARK function starting December 13th.***

***Order by mail: LARK, PO Box 283, Howell, MI 48844.
Make checks payable to: LARK
For more information call Dick 810-923-3600***

LARK Christmas Party 2007

This year's LARK Christmas Party was held at the Prairie House Restaurant in Howell on Sunday December 2nd.

The decorations were festive, the fire in the fireplace warm and cozy and the food plentiful. The attendees enjoyed conversation and "War Stories" between bights of the tasty dishes.

There was even a dynamic birthday song to entertain the crowd sung by Pat W8LNO.

Jim WB8AZP won the free dinner drawing and everyone received a goodie bag to take home. The conversations and holiday warmth lasted for several hours before the group left to brave the cold damp evening.

We had a record crowd this year, join us next year.

Dick W8KDR





Hi all I got this from Charles, KC8ART, and thought you would get a smile today!

During a recent trip my wife and I were on we drove around the back woods of East Texas. On one back road I saw a sign in front of a broken down shanty style house: "Talking Dog for Sale." Well I needed a break so I stopped to see what the deal was. I went into the backyard and see a nice looking Labrador retriever sitting there.

"You talk?" I asked.

"Yep," the Lab replies.

Well after I got over the shock of hearing a dog talk, I asked "So, what's your story?"

"Ah shucks there ain't much to tell. Is that a VUU screwdriver antenna on your truck out there?"

"How did you know that," I asked?

The Lab looks up and says, "Well, I'm a ham radio operator. I got my Ticket when I was a young pup and in no time at all I had my 5 band DXCC in Phone and CW. The CIA heard about me and asked me to do some spy work for them. I would hang around the communications centers and with my keen hearing I could copy the transmissions. Because no one figured a dog would be eavesdropping, I was one of their most valuable spies for eight years." Copying high speed CW all day really tired me out and I knew I wasn't getting any younger. So, I decided to settle down. I retired from the CIA (8 dog years is 56 CIA years) and joined a ham radio club. In fact I won first place in the Oklahoma QSO Party two years in a row. Then I had a mess of puppies and got away from Ham Radio for a while. I sure miss my radio. Why don't you buy me and I'll be your CW operator in the Texas QSO Party.

I said "let me see what I can do." I went back in and asked the owner what he wanted for the dog.

"Ten dollars," the guy says.

"Ten dollars? This dog is amazing! Why on earth are you selling him so cheap?"

"Because he's a liar. He never did any of that stuff. He's just a No Code Technician."

WHAT IS D-STAR?

[D-STAR](#), a standard published in 2001, is the result of three years of research funded by the Japanese government and administered by the JARL to investigate digital technologies for amateur radio. The research involved Japanese radio manufacturers and other observers. Icom provided the

equipment used for development and testing. D-STAR radios and repeaters have been tested extensively and are now ready for public use.

D-STAR is an open protocol – although it is published by JARL, it is available to be implemented by anyone. While Icom is the only company to date that manufactures D-STAR-compatible radios, any equipment or software that supports the D-STAR protocol will work with a D-STAR system. D-STAR systems can be built using both commercial and homebrew equipment and software.

In a D-STAR system, the air link portion of the protocol applies to signals traveling between radios or between a radio and a repeater. D-STAR radios can talk directly to each other without any intermediate equipment or through a repeater using D-STAR voice or data transceivers. The gateway portion of the protocol applies to the digital interface between D-STAR repeaters. D-STAR also specifies how a voice signal is converted to and from streams of digital data, a function called a codec. The D-STAR codec is known as AMBE® (Advanced Multi-Band Excitation) and the voice signal is transmitted in the D-STAR system at 4800 bits/second (4.8 kbps).

The D-STAR system supports two types of digital data streams. The Digital Voice (DV) stream used on 144 and 440 MHz contains both digitized voice (4800 bps including error correction) and digital data (1200 bps). Using a DV radio is like having both a packet link and FM voice operating simultaneously. The Digital Data (DD) stream, used only on 1.2 GHz, is entirely data with a bit rate of 128k bps.

Want to Get Your Community Involved in Amateur Radio?

Get Involved in Your Community!

Dan Romanchik, KB6NU
MI Affiliated Club Coordinator

I often hear hams lament that their communities show little interest in amateur radio. While this may be true, hams have to realize that community involvement is a two-way street. To get communities involved in amateur radio, amateur radio needs to be involved with the community.

Let me give you an example.

In early 2006, I decided to become more involved in community service. On a road trip to the Marshall Hamfest, one of the guys in our club--Jack, WT8N--mentioned that he was a member of the Ann Arbor Rotary Club. I told him that I would be interested in joining, and he agreed to sponsor me.

I joined the club in March 2006. Shortly after I joined, the executive director of the Ann Arbor Hands-On Museum (www.aahom.org) spoke to our Rotary Club. The Ann Arbor Hands-On Museum is a science museum that gives kids (and adults, too) real, hands-on experience with science and technology. There are, for example, exhibits that help kids learn about electricity, springs, weather, and other topics in science and technology.

As the director was speaking, the thought occurred to me that the museum would be a great place for an amateur radio station. I discussed my idea with Jack, and he agreed to work with me on the project. We then approached the museum director, who is also a Rotary Club member, and met to discuss our idea.

As we discussed the idea, he became very enthusiastic about the possibilities. Our original idea was to set up a permanent station there, but as they were in the process of remodeling, this wasn't immediately possible. Instead, we operated a series of special events throughout the fall of 2007. These events have been very successful, and now we are discussing how and where to set up a permanent station at the museum. We expect this to happen some time in 2008.

We even have a vanity call sign for the station already--WA2HOM. A2 stands for Ann Arbor; HOM stands for Hands-On Museum. Look us up on QRZ.Com.

I'm sure that my involvement with the Rotary Club was a big part of the enthusiastic response to our proposal. Membership in the Rotary Club, and other community service clubs, such as Kiwanis or the Optimists, give one, if not instant credibility, at least some measure of it. There's no doubt in my mind that my involvement with the Rotary Club was a factor in the museum deciding to become involved with amateur radio.

Are you working on a community-service project or have questions about setting one up? Let Dan know! You can e-mail him at kb6nu@w8pgw.org or phone 734-930-6564

JANUARY 2008 SWAPS

| Dates | Type | Event and Contact | Location |
|----------------|------|--|--|
| 12 Jan 2008 | * | SouthWest Ohio Digital & Technical Symposium Dial Radio Club & Center for Chemistry Education of Miami University http://www.swohdigi.org Talk-In: 146.01/61 Contact: Jay Slough, K4ZLE 2554 Hamilton Road Lebanon, OH 45036-8849 Phone: 513-934-0235 Email: k4zle@arrl.net | Middletown, OH Miami University - Thesken Hall 4200 East University Blvd. Div: Great Lakes Sect: Ohio |
| 19 Jan 2008 | + | ARAY Swap 2008 Genesee County ARES, Inc. http://www.gcaresinc.org Talk-In: 147.100 (PL 100) Contact: Greg Ybarra, N8HXQ 4919 Alpha Way Flint, MI 48506 Phone: 810-736-2126 Fax: 989-871-5594 Email: n8hxq@arrl.net | Burton, MI Bentley Middle School 1180 North Belsay Road Div: Great Lakes Sect: Michigan |
| 20 Jan 2008 | + | Hazel Park Amateur Radio Club http://www.hparc.org Talk-In: 146.640 (PL 100) Contact: Sean Fleming, K8KHZ 27120 Barrington Street Madison Heights, MI 48071 Phone: 248-850-7941 Email: k8khz@yahoo.com | Hazel Park, MI Hazel Park High School 23400 Hughes Div: Great Lakes Sect: Michigan |
| 20 Jan 2008 | + | 12th Annual S.C.A.R.F. Hamfest Sunday Creek Amateur Radio Federation Talk-In: 147.15+ Contact: Jeramy Duncan, KC8QDQ 5000 Angel Ridge Road Athens, OH 45701 Phone: 740-593-3451 Email: KC8QDQ@hughes.net | Nelsonville, OH Tri-County Career Center 15676 State Route 691 Div: Great Lakes Sect: Ohio |



LARK Coming Events



All Amateurs and Non Amateurs are welcome

Jan 5 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell).

Get your ICOM IC-7000 Radio Raffle Ticket.

Jan 8 – VE Amateur License testing, 7 pm at the EOC, 300 South Highlander Way, Howell. Including W5YI FCC Amateur License, Code Proficiency and ARECC testing. Contact Jim WB8AZP at 810-220-2134 or e-mail wb8azp@arrl.net. Walk-ins are welcome.

Get your ICOM IC-7000 Radio Raffle Ticket.

Jan 10 – LARK Monthly Meeting, 7 pm at the EOC, 300 South Highlander Way, Howell. The Program will be a project building an antenna. Something you can take home. Speakers will be Jim WB8AZP and Jon KC8VAB.

Get your ICOM IC-7000 Radio Raffle Ticket.

Jan 19 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell). **Get your ICOM IC-7000 Radio Raffle Ticket.**

Feb 2 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell).

Get your ICOM IC-7000 Radio Raffle Ticket.

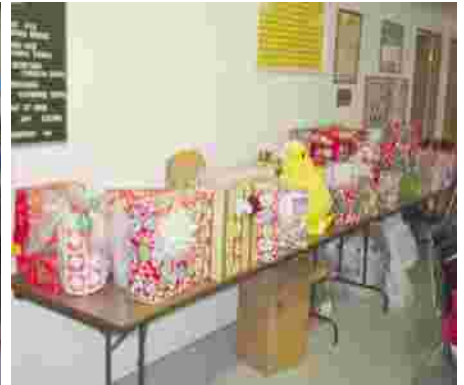
Feb 10 – LARK Awards Banquet and White Elephant Sale Noon to 5pm at the American Legion Hall on Grand River at

M-59 in Howell. Bring a dish to pass, a wrapped gift for the White Elephant Sale and your rabbits foot so you don't end up with the White Elephant.

Get your ICOM IC-7000 Radio Raffle Ticket.



Pictures
from
last
year



Feb 12 – VE Amateur License testing, 7 pm at the EOC, 300 South Highlander Way, Howell. Including ARRL FCC Amateur License, Code Proficiency and ARECC testing. Contact: Van N8GVD at 313-999-5547 or e-mail bvandam@comcast.net . Walk-ins are welcome.

Get your ICOM IC-7000 Radio Raffle Ticket.

Feb 14 – LARK Monthly Meeting, 7 pm at the EOC, 300 South Highlander Way, Howell. The Program will be on Aircraft Radios. Speaker will be 14 yer Air Force fighter pilot flying F-15C , combat Navy flight instructor on T-2C and TA-4J, commercial pilot flying B-747 and current FAA employee, Russ K8AF.



Get your ICOM IC-7000 Radio Raffle Ticket.

Feb 16 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell. **Get your ICOM IC-7000 Radio Raffle Ticket.**

Mar 1 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell.
Get your ICOM IC-7000 Radio Raffle Ticket.

Mar 11 – VE Amateur License testing, 7 pm at the EOC, 300 South Highlander Way, Howell. Including W5YI FCC Amateur License, Code Proficiency and ARECC testing. Contact Jim WB8AZP at 810-220-2134 or e-mail wb8azp@arrl.net. Walk-ins are welcome.
Get your ICOM IC-7000 Radio Raffle Ticket.

Mar 13 – LARK Monthly Meeting, 7 pm at the EOC, 300 South Highlander Way, Howell. The Program will be a Special Overview of Ted Fujita's work developing the Fujita Scale used to rate Tornados. Speaker will be Ted's son Kaz Fujita, a Professor of Geological Sciences at MSU. Kaz has extensive background in earthquake studies in Russia and Michigan. Kaz does a very interesting and entertaining presentation. All SKYWARN Spotters will want to attend this one.
LAST chance to get your ICOM IC-7000 Radio Raffle Ticket.

Ted Fujita 1920-1998

Kaz Fujita



RAFFLE DRAWING FOR THE ICOM IC-7000 WITH RMK KIT WILL BE HELD AFTER THE BUSINESS MEETING. DON'T MISS ALL THE EXCITEMENT.

Mar 15 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell.

Apr 5 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell).

Apr 8 – VE Amateur License testing, 7 pm at the EOC, 300 South Highlander Way, Howell. Including ARRL FCC Amateur License, Code Proficiency and ARECC testing. Contact: Van N8GVD at 313-999-5547 or e-mail bvandam@comcast.net . Walk-ins are welcome.

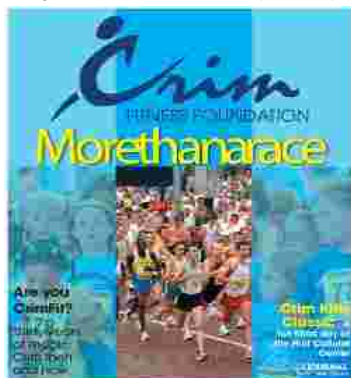
April 10 – LARK Monthly Meeting, 7 pm at the EOC, 300 South Highlander Way, Howell. The Program will be a collection of Morse Code Keys and custom paddles. Several different keys will be on display and live for you to try. Speaker is Greg WB8LZG who makes custom paddles.



Apr 19 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell).

May 3 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell).

May 8 – LARK Monthly Meeting, 7 pm at the EOC, 300 South Highlander Way, Howell. The Program will be a presentation on the use of ATV in support of the Crim Race in Flint each year. There will be a live ATV station set up. Speaker will be Jerry Baker the (PIO) Public Information Officer of GCARES.



May 13 – VE Amateur License testing, 7 pm at the EOC, 300 South Highlander Way, Howell. Including W5YI FCC Amateur License, Code Proficiency and ARECC testing. Contact Jim WB8AZP at 810-220-2134 or e-mail wb8azp@arrl.net. Walk-ins are welcome.

May 17 – LARK Breakfast, 8 am at the Crossroads Grill M-59 at Michigan Ave/Oak Grove Road (west end of the Kroger Plaza in Howell).

LED FUN!

ACROSS

1. Callsign of Ann Arbor Hands on Museum
3. Community
5. KB6NU last name
7. Dog worked for the
9. January meeting night
12. Van encourages participation in
14. Something Clairus needs this month
15. Another mode of DSTAR
17. Kids can learn
18. Administered by
19. Secretary of LARK

DOWN

1. December 50/50 winner
2. Sunday night net time
4. One mode of DSTAR
5. Wore a plaid shirt
6. January Klub meeting activity
8. Type of protocol
10. Swap at High School
11. Funded by
13. Swap on January 19
14. No Code Technician
16. Raffle prize

