



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
Thursday, January 10, at 7:30PM
EOC, 300 S. Highlander Way
Howell, MI**



Jim's Jive

I hope that everyone had a great holiday season, and since it appears that all of the fuss over the Mayan calendar "predicting" the end of days didn't come true (yet), welcome to 2013!

For those of you who have been operating on the HF frequencies lately, you'll notice that the weather and sunspot cycle have created some interesting (and challenging) operating conditions. The same has been holding true for VHF and UHF frequencies as well. Time for everyone to dust off their rigs and play a little radio! It's a great time of year to put up that antenna that will never fall, and always work well too.

Please take a moment and check your amateur radio license expiration. Currently, the FCC allows you a 2 year "grace period" for renewal. Sadly, a few Klub members have missed that mark. It can be easy to forget, but for right now, that mistake could require you to retake the license test. The good news is that our affiliation with the Laurel VEC allows us to give exams for any class of amateur radio license at no charge. Come to think of it, if you haven't upgraded to the Extra class yet, now would be a great time. Our VE team holds a formal exam session every month. Additionally, when we have enough examiners present, we can give exams at our LARK "radio breakfast", or even at a meeting. Sounds to me like plenty of opportunities to upgrade your ticket!

Some of the things we'll be talking about at the meeting this month include:

- voting for the 2012, WB8OHO "Amateur of the Year"
- LARK awards banquet
- Field day 2013 planning
- LARK Radio Raffle planning
- Upcoming Klub officer elections

You won't want to miss this meeting , and you really won't want to miss the February meeting, where a real rocket scientist will present to our group. (see the announcement elsewhere in the newsletter). Be sure and invite your friends to this big meeting!

Looking forward to seeing you at the next meeting!

73



DE WB8AZP

LARK TAKES YOU TO MARS (kinda)

Our February 14th meeting will host a special presentation by a real rocket scientist!
You'll want to invite your friends, be they LARK members or not!

Overview:

The Mars Science Laboratory (MSL) Mission successfully landed the Curiosity Rover on Mars on August 5, 2012. This rover represents a giant leap forward in capability from previous missions and getting it safely to the surface required some equally giant leaps forward. Of the many scientific instruments aboard the rover, the Sample Analysis at Mars (SAM) instrument is the largest and arguably, the most complex. A small group of talented engineers and technicians from the University of Michigan Space Physics Research Laboratory (SPRL) was directly involved in designing, building and testing the SAM Instrument. Ryan Miller, a long-time SPRL engineer, will discuss the MSL mission, the SAM instrument and SPRL's role in this huge, exciting endeavor.

Bio:

Ryan Miller received his Bachelor of Science and Master of Science degrees in Computer Engineering from the University of Michigan in 1985 and 1987 respectively. Since that time, Mr. Miller has had the privilege of working in the Aerospace industry on a variety of projects. He currently works for the University of Michigan Space Physics Research Laboratory and has worked on software and electronic hardware for scientific instruments ranging from the Orbital Acceleration Research Experiment (OARE) which flew many times on the Shuttle Columbia until its tragic crash, the Ion and Neutral Mass Spectrometer, currently orbiting Saturn aboard the Cassini spacecraft. His most recently launched effort involved designing, building and testing the Flight Computer for the Sample Analysis at Mars (SAM) instrument aboard the Curiosity rover, currently driving around the surface of Mars. He recently delivered flight electronics to the NASA Ames Research Center and supervised the installation of the Neutral Mass Spectrometer (NMS) instrument on the Lunar Atmosphere and Dust Environment Explorer (LADEE) satellite which will launch for orbit around the moon later this year. He is also working on an instrument for a new Mars orbiter and another for the first European Mars rover.

Who said it?

"I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel."

LARK General (12-12-12) & Board (12-19-2012) Meeting Minutes

Minutes to follow.

Finance Report

No report at this time.

Awards Banquet ...

Sunday, February 10, 2013

12:00 noon to 5 pm

American Legion Post #141

Any questions? Contact Irene McChristy 517-23-0392

Upcoming Hamfests

Date: 1/20/2013 – Hazel Park ARC's 47th Annual Hamfest
Location: Hazel Park High School
23400 Hughes
Hazel Park, MI 48030
Sponsor: Hazel Park Amateur Radio Club
Talk-In: 146.640 (PL 100)
Contact: Bernie Hildebrand , W8NBC
21518 Dequindre Road, Apt. 201 Warren, MI 48091
Phone: 248-499-2075
Email: w8nbc@arrl.net

Date: 2/3/2013 Winter Hamfest - NEW LOCATION!!!!
Location: VFW Post 1079 (NEW LOCATION)
500 South Abbe Road
Elyria, OH 44035
Sponsor: Northern Ohio Amateur Radio Society
Talk-In: 146.700 (PL 110.9)
Contact: Darlene Ohman , KA8VTS
4122 Bush Avenue Cleveland, OH 44109
Phone: 216-398-8858
Email: dohman@roadrunner.com

Date: 2/17/2013 Livonia ARC's 42nd Annual Swap & Shop
Location: Livonia Civic Park Seniors Center
15218 Farmington Road
Livonia, MI 48150
Sponsor: Livonia Amateur Radio Club
Talk-In: 145.35 (PL 100) or 146.52 Simplex
Contact: Michael Rudzki , N8MR
PO Box 51532 Livonia, MI 48151
Phone: 734-941-5043
Email: k8uns@arrl.net

Thought for the day ...

**“A true friend knows your weaknesses but shows you your strengths;
feels your fears but fortifies your faith;
sees your anxieties but frees your spirit;
recognizes your disabilities but emphasizes your possibilities.”**

- William Arthur Ward

Answer to “Who Said It?": Maya
Angelo

Michelle Roderick, KD8GWX, michelle.roderick@redcross.org

734-717-5660 Cell 734-864-6623 ARC Cell 734-712-0133 FAX

Please bring any articles and or pictures you'd like to have in the LED to the next meeting. If you are unable to attend, have a friend bring the information to the meeting for you, email it to me at the above address or feel free to fax it to my work at the above number. If you have an idea for an article and need help writing it, feel free to contact me.

Thanks to everyone for the articles submitted to make the LED a success.

January 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5 LARK Breakfast 8 am The Grand River Grill
6	7	8 FREE!!! VE Testing 7 pm Howell EOC	9	10 LARK Meeting 7:30 pm	11	12
13	14	15	16	17 LARK Board Mtg 7:00 pm Teleconferenc e	18	19 LARK Breakfast 8 am The Grand River Grill
20 Hazel Park Swap Meet Hazel Park High School	21	22	23	24	25	6
27	28	29	30	31		

February 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 LARK Breakfast 8 am The Grand River Grill
3 Winter Hamfest VFW Post 1079 (NEW LOCATION)	4	5	6	7	8	9
10 Awards Banquet 12 – 5 pm American Legion Post #141	11	12 FREE!!! VE Testing 7 pm Howell EOC	13	14 LARK Meeting 7:30 pm	15	16 LARK Breakfast 8 am The Grand River Grill
17 Livonia ARC's 42 nd Annual Swap & Shop Livonia Civic Park Seniors Center	18	19	20	21 LARK Board Mtg 7:00 pm Teleconferenc e	22	23
24	25	26	27	28		

Future events: