

UPPER PENINSULA NET NEWS SERVING THE WESTERN GREAT LAKES



HAM OF THE YEAR
KC8ZMN CHRIS HANSEN
UNIONVILLE MI

HAM OF THE MONTH
K8VSO WALT WALL
LAKE MI

NOVEMBER 2016

FROM THE EDITOR-----BILL, N8NJA bkn8nja@att.net

Here we are in the November, the month of falling leaves, deer hunting, and Thanksgiving. Some of us had our first snow in October and the rest of you are still waiting for it this month. Besides that little snow we had here the weather has been very good for overall.

I know the propagation on the lower frequencies continues to improve, and the higher frequencies are still providing some good DX on occasion. I have been on 160 meters a few times and that is coming along nicely. With the time change we may find some more distant stations present during the net.

When I was looking at the upcoming Hamfest I noticed that there is a change in a couple this Spring. The Lowell Youth Hamfest is going to be In March instead of July like this year, and Chassell will be in April instead of May. I was happy to see Lowell return to early Spring, but I don't know about Chassell being in April. If you remember last year it was the second weekend of May and it snowed!!!!!!!!!!!!!! Maybe that's why the changed it, to avoid the last snow of the Spring!

For those of you fleeing to a warmer climate, enjoy it, but remember in Michigan we think of months of November thru March not as Winter, just rather as a period of low mosquito activity!

UPPER PENINSULA NET WEBSITE www.michupnet.com

NET STATS

SEPTEMBER 2015 CHECKINS 950 TRAFFIC 50
SEPTEMBER 2016 CHECKINS 770 TRAFFIC 40
HIGH CHECKINS 31 N8BNC 30 KC8ZMN 29 W8WR
HIGH TRAFFIC W8WR 3

NOVEMBER 2016

BIRTHDAYS AND ANNIVERSIARIES

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		<i>1 WA8THK & XYL</i>	<i>2</i>	<i>3 KD8CPG & XYL</i>	<i>4</i>	<i>5</i>
<i>6</i>	<i>7</i>		<i>9 SHIRLEY XYL OF WA8LT</i>	<i>10</i>	<i>11</i>	<i>12</i>
<i>13</i>	<i>14</i>	<i>15 RICH SON OF WA8DHB W8DW DAVE</i>	<i>16 AA8SN HOPE KG9GP MEL;</i>	<i>17 K8KZG ROMAN W8BUD BUD IN MEMORY OF KC8QII</i>	<i>18</i>	<i>19</i>
<i>20 GILBERTY SON OF AA8SN</i>	<i>21 N8DAD BARRY</i>	<i>22 NS8S DAVE</i>	<i>23</i>	<i>24</i>	<i>25</i>	<i>26</i>
<i>27 SANDY XYL OF K8MXC</i>	<i>28</i>	<i>29</i>	<i>30 TERRI FRIEND OF K8BLL</i>	<i>DEC 5 W8PZ DAVE KD8CYK GERRY</i>	<i>DEC 8 K8HRO RANDY</i>	<i>DEC 9 W8SKS & DONNA</i>

EXAMS

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 - **11/05/2016 | Mount Clemens MI 48043-2217 Sponsor:** SAROF **Location:** Mt. Clemens Salvation Army Corps (rear entrance) **Time:** 7:30 PM (Walk-ins allowed)
 - **11/11/2016 | Grand Rapids MI 49503-1304 Sponsor:** Grand Rapids ARA **Location:** Red Cross Building **Time:** 6:30 PM (Walk-ins allowed)
 - **11/12/2016 | Ann Arbor MI 48108-1516 Sponsor:** ARROW Communications Assoc. **Location:** American Red Cross Building **Time:** 9:00 AM (Walk-ins allowed)
 - **11/12/2016 | Holland MI 49424-8997 Sponsor:** Holland ARC **Location:** Victory Point Ministries **Time:** 6:00 PM (Walk-ins allowed)
 - **11/12/2016 | Lansing MI 48911-5322 Sponsor:** Ingham County VE Group **Location:** Lansing Fire Station #44 (Community Room) **Time:** 11:00 AM (Walk-ins allowed)
 - **11/12/2016 | Monroe MI 48161-9770 Sponsor:** W8OTC **Location:** Good Shepherd Church **Time:** 10:00 AM (Walk-ins allowed)
 - **11/12/2016 | Port Huron MI 48060-4014 Sponsor:** Eastern Michigan ARC **Location:** St Clair County Library **Time:** 10:00 AM (Walk-ins allowed)
 - **11/12/2016 | Traverse City MI 49686-3103 Sponsor:** Cherryland ARC **Location:** Traverse City District Library **Time:** 1:00 PM (Walk-ins allowed)
- 11/12/2016 | Wyandotte MI 48192-9999 Sponsor:** Motor City Radio Club
Location: Glenwood Methodist Church **Time:** 9:00 AM (Walk-ins allowed)
- 11/14/2016 | Adrian MI 49221-8709 Sponsor:** Adrian ARC **Location:** Building at Lenawee County Airport **Time:** 7:00 PM (No walk-ins)
- 11/16/2016 | Livonia MI 48154-3045 Sponsor:** Livonia ARC **Location:** Livonia Civic Center Library **Time:** 7:00 PM (No walk-ins)
- 11/16/2016 | Prescott MI 48756-9108 Sponsor:** none **Location:** Mills Township Hall **Time:** 7:00 PM (Walk-ins allowed)
- 11/19/2016 | Flint MI 48507 Sponsor:** The KT8Q & W8ACW VE Teams **Location:** Baker College of Flint-Tech Center **Time:** 9:30 AM (Walk-ins allowed)

**11/19/2016 | Ionia MI 48846-8512 Sponsor: ICARPSC Location: Ionia Central Dispatch
Time: 6:00 PM (No walk-ins)**

**11/19/2016 | Kalamazoo MI 49001-4156 Sponsor: Kalamazoo ARC Location: Kalamazoo
County Sheriff Dept Time: 8:30 AM (Walk-ins allowed)**

**11/19/2016 | South Lyon MI 48178 Sponsor: South Lyon Area ARC Location: Witch's Hat
Depot Time: 9:00 AM (Walk-ins allowed)**

**11/26/2016 | Allegan MI 49010-1524 Sponsor: Allegan County ARC Location: Allegan
General Hospital - Basement Cafeteria Time: 9:00 AM (Walk-ins allowed)**

**12/01/2016 | Lansing MI 48911-5322 Sponsor: Ingham County VE Group Location: Lansing
Fire Station #44 (Community Room) Time: 7:00 PM (Walk-ins allowed)**

**12/03/2016 | Mount Clemens MI 48043-2217 Sponsor: SAROF Location: Mt. Clemens
Salvation Army Corps (rear entrance) Time: 7:30 PM (Walk-ins allowed)**

**12/03/2016 | Muskegon MI 49440-1233 Sponsor: Muskegon Area AR Council
Location: American Red Cross Bldg Time: 9:00 AM (Walk-ins allowed)**

**12/06/2016 | Grand Rapids MI 49503-1304 Sponsor: Grand Rapids ARA Location: Red
Cross Building Time: 6:30 PM (Walk-ins allowed)**

**12/06/2016 | Oak Park MI 48237-2085 Sponsor: Hazel Park ARC Location: Oak Park
Community Center Time: 7:00 PM (Walk-ins allowed)**

HAMFEST

- **12/04/2016 | LCARC Amateur Radio Swap/Hamfest Location: Madison Heights, MI
Type: ARRL Hamfest Sponsor: L'Anse Creuse Amateur Radio Club
Website: <http://www.n8lc.org>**

**01/29/2017 | HPARC Swap Location: Madison Heights, MI Type: ARRL Hamfest
Sponsor: Hazel Park Amateur Radio Club Website: <http://hparc.org>**

**02/04/2017 | Hiawatha Amateur Radio Association Shop and Swap
Location: Negaunee, MI Type: ARRL Hamfest Sponsor: HARA
Website: <http://www.qsl.net/k8lod/index.html>**

**02/19/2017 | 46th Annual Livonia ARC Swap & Shop Location: Livonia, MI
Type: ARRL Hamfest Sponsor: Livonia Amateur Radio Club
Website: <http://www.livoniaarc.com/index.php?page=swapshop>**

Scientists say weird signals from space are ‘probably’ aliens

By Lauren Tousignant

October 27, 2016 |

A team of astronomers believes that strange signals emanating from a cluster of stars are actually aliens trying to tell the universe they exist.

The study, which appeared in the *Publications of the Astronomical Society of the Pacific*, analyzed the odd beams of light from 234 stars — a fraction of the 2.5 million that were observed.

The bizarre beacons led the paper’s authors, Ermanno F. Borra and Eric Trottier from Laval University in Quebec, to conclude that it’s “probably” aliens.

Modal Trigger The Sloan Digital Sky Survey telescope in Sunspot, New Mexico. Photo: SDSS/NASA

“We find that the detected signals have exactly the shape of an [extraterrestrial intelligence] signal predicted in the previous publication and are therefore in agreement with this hypothesis,” wrote Borra and Trottier.

They also note that their findings align with the Extraterrestrial Intelligence (ETI) hypothesis, since the mysterious activity only occurred in a tiny fraction of stars. The hypothesis also suggests that an intelligent life force would use a more sophisticated optical beacon than, say, radio waves to reveal its existence.

Researchers sifted through data collected by the Sloan Digital Sky Survey — an eight-foot diameter telescope in Sunspot, New Mexico — to separate natural signals from ones that appeared generated.

But there are more skeptics than not, including the authors themselves, who acknowledge the hypothesis still needs work. For starters, the data needs to be verified by at least two other telescopes and all natural causes need to be ruled out.

“Although unlikely,” the study notes “there is also a possibility that the signals are due to highly peculiar chemical compositions in a small fraction of galactic halo stars.”

Breakthrough Listen—a \$100 million global effort to hunt for alien life, backed by Stephen Hawking and Mark Zuckerberg—said the signals are worth additional research, but not to get too excited.

“It is too early to unequivocally attribute these purported signals to the activities of extraterrestrial civilizations,” the organization said in a statement. “Extraordinary claims require extraordinary evidence.”

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Maybe a Solar Minimum Can Be Too Deep for 160 Meters

Propagation observer Carl Luetzelschwab, K9LA, recently offered some “**deep thoughts**” on the **Top Band Reflector**. As he explained, while less geomagnetic field activity heading into winter bodes favorable 160-meter propagation, more galactic cosmic rays entering our atmosphere could become a factor.

“The Sun’s magnetic field is weakening, probably to the lowest levels in our lifetimes,” Luetzelschwab said in an October 27 post. “With a weak solar magnetic field, more galactic cosmic rays will be able to get into Earth’s atmosphere. We are now seeing unprecedented high neutron counts (neutrons are one of the byproducts of cosmic rays). Since galactic cosmic rays are mostly *very energetic* protons, they can get down to low atmospheric altitudes, causing collisional ionization in the D region and lower E region.”

He said a cursory estimate using cosmic ray ionization rates confirms greater ionization in the lower atmosphere, and 160 meters is not too tolerant of more absorption.

“Many of us think that ‘solar min is solar min is solar min,’” Luetzelschwab said, “but maybe a solar minimum can be too deep for 160 meters.” He said a good question to ask in the early 2020s may be “How was 160 meters?” Only time will tell, he suggested. — *Thanks to the ARRL Contest Update*

**As You Slide Down the Banister of Life, Consider
These Gems**

**The difference between the Pope and
Your boss, the Pope only expects you
To kiss his ring.**

**My mind works like lightning, One brilliant
Flash and it is gone.**

**The only time the world beats a path to
Your door is if you're in the bathroom.**

**I hate sex in the movies. Tried it once.
The seat folded up, the drink spilled and
That ice, well, it really chilled the mood.**

**It used to be only death and taxes
Now, of course, there's
shipping and handling, too.**

**A husband is someone who, after taking
the trash out, gives the impression that
he just cleaned the whole house.**

**My next house will have no kitchen - just
Vending machines and a large trash can.**

**A blonde said, 'I was worried that my
Mechanic might try to rip me off.
I was relieved when he told me all
I needed was turn signal fluid.'**

**As you slide down the banister of life, may
The splinters never point the wrong way.**

FROM QRZ PAGE.....

The National Geographic has produced A Guide to Ham Radio to support its recently released digital short, Before MARS — a prequel to its upcoming MARS series. The 33-minute prequel, which has a heavy Amateur Radio theme, provides the back story of two principal characters in the upcoming MARS global event series.

In the prequel, twin teenaged sisters Hana and Joon Seung are the new kids in town, after their single mother relocates. In due course, they come across old ham radio transceivers — one in an attic, the other in a thrift shop — and use them to communicate with each other and with an older, local ham.

Tuning about, Hana — whose character gets most of the attention — hears an astronaut on the International Space Station (ISS) on her radio and eventually makes contact, as Amateur Radio on the International Space Station (ARISS) program participants do. In a touch of realism, the female astronaut uses the NA1SS call sign.

The Amateur Radio researcher on the film was veteran electrical engineer Michael Gilmer, N2MG, who said the producers contacted him through his connection with the eHam.net website. Patrick J. Kiger authored the guide

Watch Full Video Great ! #HamRadio National Geographic

<http://channel.nationalgeographic.com/mars/articles/a-guide-to-ham-radio/>



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