

UPPER PENINSULA NET NEWS SERVING THE WESTERN GREAT LAKES



HAM OF THE YEAR
W8BP JOHN WASMUTH
MARQUETTE MI

HAM OF THE MONTH
W8CT GORDON BALDWIN
LAKE CITY MI

MARCH 2014

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

Here we are in the month of March. The month that Spring officially arrives and we hope it really arrives! Sometimes March can be the most brutal month of Winter, let's hope not! So we will be optimistic and start to plan outside projects, put new line on the fishing rods and sharpen the lawnmower blades.

Sitting here listening to Dave, KC8KCV run the noon net for the first time. Sure I am glad to have him setup and take over that net, Doug can use the rest!!

Everyone have a happy St.Patrick's Day.

NET STATS

2013 JAN CHECKINS 1500 TRAFFIC 50
2014 JAN CHECKINS 1500 TRAFFIC 50
JANUARY HIGH CHECKINS WA8DHB 50 TWICE
JANUARY HIGH TRAFFIC WA8DHB 2

UPPER PENINSULA NET WEBSITE www.michupnet.com

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2 <i>W8IFI JIM WD8CUO & XYL</i>	3 <i>K8LQV DICK</i>	4	5 <i>WT8G GERRY KB8TS KEN</i>	6	7	8
9	10	11	12	13 <i>W8KIM KIM N8OSD DAN</i>	14	15 <i>VALERIE XYL OF WA8UCS N8NJA & KATHLEEN</i>
16	17	18	19	20 <i>W8UJH GEORGE</i>	21 <i>WA8LT WALT</i>	22
23 <i>KATIE DAUGHTER OF AA8SN</i>	24 <i>JERRI DAUGHTER- IN-LAW OF WA8DHB</i>	25	26	27	28	29
30 <i>WA8DVD DENNIS W8BP JOHN</i>	31					

- **EXAMS**

- - 03/01/2014 | Mount Clemens MI 48043-2217 **Sponsor:** SAROF
Location: Mt. Clemens Salvation Army Corps (rear entrance)
Time: 7:30 PM (Walk-ins allowed)
 - 03/08/2014 | Ann Arbor MI 48108-1516 **Sponsor:** ARROW Communications Assoc. **Location:** American Red Cross Building
Time: 9:00 AM (Walk-ins allowed)
 - 03/08/2014 | Mason MI 48854 **Sponsor:** Ingham County VE Group
Location: Ingham County Sheriff's Dept **Time:** 11:00 AM (Walk-ins allowed)
 - 03/08/2014 | Wyandotte MI 48192-9999 **Sponsor:** Motor City Radio Club
Location: Glenwood Methodist Church **Time:** 9:00 AM (Walk-ins allowed)
 - 03/11/2014 | Howell MI 48844-9999 **Sponsor:** Livingston ARK (LARK)
Location: Livingston County 911 Center
 -
 - 03/14/2014 | Grand Rapids MI 49503-1304 **Sponsor:** Grand Rapids ARA
Location: Red Cross Building
 - 03/15/2014 | Flint MI 48507 **Sponsor:** The KT8Q & W8ACW VE Teams
Location: Baker College of Flint-Tech Center
Time: 9:30 AM (Walk-ins allowed)
 - 03/15/2014 | Ionia MI 48846-8512 **Sponsor:** ICARPSC
Location: Ionia Central Dispatch **Time:** 6:00 PM (No walk-ins)
 - 03/22/2014 | Allegan MI 49010-1524 **Sponsor:** Allegan County ARC
Location: Allegan General Hospital - Basement Cafeteria
Time: 9:00 AM (Walk-ins allowed)
 - 03/22/2014 | Holland MI 49423-3407 **Sponsor:** Holland ARC
Location: American Red Cross **Time:** 6:00 PM (Walk-ins allowed)
 - 03/22/2014 | Kalamazoo MI 49001-4156 **Sponsor:** Kalamazoo ARC
Location: Kalamazoo County Sheriff Dept **Time:** 8:30 AM (Walk-ins allowed)
 - 03/22/2014 | South Lyon MI 48178 **Sponsor:** South Lyon Area ARC
Location: Witch's Hat Depot **Time:** 9:00 AM (Walk-ins allowed)
- 04/01/2014 | Oak Park MI 48237-2085 **Sponsor:** Hazel Park ARC **Location:** Oak Park Community Center **Time:** 7:00 PM (Walk-ins allowed)

- 04/03/2014 | Mason MI 48854 **Sponsor:** Ingham County VE Group
Location: Ingham County Sheriff's Dept **Time:** 7:00 PM (Walk-ins allowed)

04/05/2014 | Mount Clemens MI 48043-2217 **Sponsor:** SAROF
Location: Mt. Clemens Salvation Army Corps (rear entrance)
Time: 7:30 PM (Walk-ins allowed)

HAMFEST

- 03/15/2014 | Crossroads Hamfest **Location:** Marshall, MI
Type: ARRL Hamfest **Sponsor:** Southern Michigan Amateur Radio Society
Website: <http://www.w8df.com>
- 04/12/2014 | Milford Swap **Location:** Highland, MI
Type: ARRL Hamfest **Sponsor:** Milford Amateur Radio Club (W8YDK)
Website: <http://www.qsl.net/w8ydk>

05/03/2014 | Cadillac Amateur Radio and Computer Swap

Location: Cadillac, MI **Type:** ARRL Hamfest **Sponsor:** Wexaukee Amateur Radio Club **Website:** <http://www.wexaukeearc.org/>

NEWS FROM QRZ.COM

Kenwood Buys E.F. Johnson: JVC Kenwood has purchased E.F. Johnson Technologies. Johnson has been manufacturing radio gear for a long time and was a major player in the 1950s and 1960s. Today, it's not unusual to see hamfest vintage equipment tables loaded with Johnson Rangers, Vikings, and Thunderbolts, and many E.F. Johnson "Matchbox" antenna tuners are still doing the job. In more recent years, the company has become better known for its VHF and UHF public safety communication gear. -- *Thanks to* The ARRL Contest Update

GOING TO SPACE: SEND YOUR NAME TO THE ASTEROID BENNU

If you have ever wanted to vicariously into space, now is your chance. NASA is inviting people around the world including ham radio operators to submit their names to be etched on a microchip aboard a spacecraft headed to the asteroid Bennu in 2016.

The "Messages to Bennu" microchip will travel to the asteroid aboard the Origins Spectral Interpretation Resource Identification Security Regolith Explorer spacecraft. The robotic mission will spend more than two years at the asteroid, which has a width of only about 1,760 feet. The spacecraft will collect a sample of Bennu's surface and then return it to Earth

The deadline to submit your name online is Sept. 30, 2014. Participants who submit their names to the "Messages to Bennu" campaign will be able to print a certificate of appreciation to document their involvement. To submit your name for inclusion on this mission please take your web browser to planetary.org/bennu. While there are no instructions as to how to include your callsign, we found it simple to just put it right after your last name. (ANS, NASA)

RADIO ON-LINE: APPS FOR HAMS AND SWLS AT SWLING POST

Hams looking for amateur radio related apps for their smart phones or tablets now have a place to go to learn what's available. The on-line SWLing Post has printed a run down of some of the amateur radio apps that are currently available. Apps for Shortwave Listeners are there as well. To get there, simply go to tinyurl.com/ham-radio-apps

EMERGING TECHNOLOGY: JAPAN TO TEST 'MAGNETIC NET' TO CATCH FLOATING SPACE JUNK

One of the real challenges to low Earth orbit satellite deployment is the growing amount of space junk circling the globe. Now Japan thinks it has found a way to can get rid of some of that debris as we hear from Skeeter Nash, N5ASH:

--

The Japan Aerospace Exploration Agency has teamed up with a company that manufactures fishing equipment to create an orbital space net that will sweep the skies above our planet for man made debris. The first test of the equipment is scheduled for later this month when a satellite developed by researchers at Kagawa University is launched. Once on orbit, the bird

will deploy a 1000 feet long wire net with the ability to generate a magnetic field. Theoretically this should attract some of the debris that is circulating beyond our atmosphere.

The majority of the debris is in a band between 400 to 700 miles above the surface of the planet consisting of parts of obsolete satellites and rockets. Experts estimate that 100 million bits of this man made junk in orbit around the Earth. Of that total, some 22,000 pieces are believed to measure 10 cm or larger and are therefore considered dangerous if one collides with a functioning satellite or the International Space Station.

RADIO IN SPACE: CUBESATS DEPLOYED FROM INTERNATIONAL SPACE STATION

Astronaut Koichi Wakata, KC5ZTA, has successfully deployed the first of the 33 CubeSats that were launched to the International Space Station in the Cygnus freighter on January 9th. The Tuesday, February 11th deployment consisted of the first two of the Flock-1 constellation of 28 Dove CubeSats made by Planet Labs.

In addition to the 28 Planet Labs micro-birds, there are also four amateur radio CubeSats waiting to be placed on-orbit. These are LituanicaSat-1, LitSat-1, ArduSat-2 and UAPSat-1 as well as a 915 MHz CubeSat SkyCube. All are planned to be deployed in the coming weeks. (ANS)

**

Ovation Prime Model and Product Description

Developed by P. Newell, Johns Hopkins University, Applied Physics Lab

The Space Weather Prediction Center and the Space Weather Prediction Testbed have introduced a new Auroral Forecast test product in an effort to improve services to current customers and expand our customer base with new products. The Auroral Forecast product is based on the OVATION Prime model which provides a 30-40 minute forecast on the location and probability of auroral displays for both the northern and southern polar regions. The development and implementation of this model has been a joint effort. The model itself was developed by P. Newell at the Johns Hopkins, Applied Physics Lab. Scientists at the NESDIS National Geophysical Data Center (NGDC) added further refinements to make the model run in real time. Researchers at the Space Weather Prediction Testbed validated the model and developed graphical displays. This model is driven by real-time solar wind and interplanetary magnetic field information from the Advanced Composition Explorer (ACE) satellite. The model is based on more than 11 years of data from the Defense Meteorological Satellite Program (DMSP) from which an empirical relationship between the solar wind conditions and the aurora location and intensity was developed.

This model provides estimates of where the aurora might be visible. The model itself provides output in terms of energy per unit area. However, for these displays, the data

have been converted into a relative intensity map. This has been further translated into a probability of observation. Thus, the images show both where the aurora is most likely to be observed as well as how bright it might be. The model also calculates a globally integrated total energy deposition in gigaWatts (GW). This is referred to as the Hemispheric Power and ranges from 5 to 150. For values below about 20, there may be little or no aurora observable. For values between 20 and 50, you may need to be near the aurora to see it. For values above 50, the aurora should be quite observable with lots of activity and motion across the sky. Once the Hemispheric Power reaches levels of 100 or more, this is considered to be a very significant geomagnetic storm and the aurora may be seen from hundreds of miles away.

The model also provides more quantitative information on the electron energy deposition into the atmosphere and the energy spectrum of those precipitating electrons although this detailed information is not yet provided as part of this new product. The detailed electron and proton precipitation information is critical for ionospheric forecast models that provide specification and forecasts for GPS/GNSS navigation and HF radio users. This product has been running in a test mode for more than a year. The plans are to expand the output of the model to provide data for displays in multiple formats including KLM for Google Earth,. This model is planned to be transitioned to operations sometime in late 2013.

HAPPY ST. PATRICK'S DAY

Brenda O'Malley is home making dinner, as usual, When Tim Finnegan arrives at her door.

"Brenda, may I come in?" he asks. "I've somethin' to tell ya". "Of course you can come in, you're always welcome, Tim.

But where's my husband?" "That's what I'm here to be telling ya, Brenda." There was an accident down at the *Guinness* brewery..." "Oh, God no!" cries Brenda. "Please don't tell me." "I must, Brenda. Your husband Shamus Is dead and gone. I'm sorry.

"How did it happen, Tim?" "It was terrible, Brenda. He fell into a vat Of *Guinness Stout* and drowned."

"Oh my dear Jesus! But you must tell me truth, Tim. Did he at least go quickly?"

"Well, Brenda... No. In fact,
He got out three times to pee."

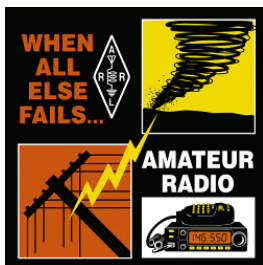
Irish Humor

An Irish man is sittin in a pub one night when 3 Englishmen walked in. The men sit down, and start to talk about how they can anger the Irishman... The first man says,

"Watch this..."He gets up, walks over to the Irishman, and says, "Hey man, I hear your St. Patrick was a faggot."The Irishman just replies, "Oh, is that so now?"
The Englishman, goes back to his seat perplexed, when his friend jumps up and says, "Here, lemme try that."

So he goes over to the Irishman and says, "Hey man, I hear your St. Patrick was a transvestite faggot!" The Irishman only replies, "Oh, is that so now?" So the Englishman, frustrated goes and sits down with his friends.

When the 3rd Englishman jumps up and says, "Well, now, I gotta try that!" So he walks over to the Irishman and says, "Hey, I hear your St. Patrick was an ENGLISHMAN!"
And the Irishman replies, "Aye, that's what your friends were sayin."



BILL KELSO
133 SIXTH STREET
MARION MI 49665