

UPPER PENINSULA NET NEWS SERVING THE WESTERN GREAT LAKES



HAM OF THE YEAR
NS8S DAVID FLEMING
MONTAGUE MI

HAM OF THE MONTH
K9WYB JIM KRYMKOWSKI
OAK CREEK WI

JANUARY 2018

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

January 2018, have you got used to writing that yet? The New Year has brought new things, COLD!! I don't mind winter, but this is getting a little much for me. Show me 25 degrees please!!! The wood piles are going down and the propane and gas bills are going up! Oh well, we'll live thru it. The old Ham Radio axiom is "If you put up an antenna in cold weather it will work better" If you put one up from after Christmas to now it should win you every operating award there is!!

But, I will say I will take the cold over a fire that burned 2000 building sand homes and 300,000 acres. Just remember when that thermometer says 20 below it is still better than a lot of natural disasters that other parts of the world have every year.

Propagation is goofy, good one day bad the next, can't talk to anyone fewer than 200 miles away on 75 meters at night. There is some good DX around some days I guess. So enjoy what you can.

Anybody get a new radio from Santa, send me a picture. Got snow up to the eaves of your house, send me a picture. Have you built a snowman with a D104 in his hand, send me a picture. You get the idea I want some pictures.

It's nice to hear some new calls on the net and to have some we have not heard in a long time to be checking back in. Stay warm, and well, talk on the radio, and have fun!

UPPER PENINSULA NET WEBSITE [www. michupnet.com](http://www.michupnet.com)

NET STATS

NOVEMBER 2016 CHECKINS 1040 TRAFFIC 35
NOVEMBER 2017 CHECKINS 1293 TRAFFIC 37
HIGH CHECKINS 44 W8WR 42 N8BNC 41 WA8DHB
SUNDAY NOON KD8KCV 19
HIGH TRAFFIC 2 KC8ZMN W8WR

January 2018

BIRTHDAYS & ANNIVERSARIES

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<i>1</i>	<i>2</i>	<i>3</i> <i>KATHY XYL OF</i> <i>K8SKY</i>	<i>4</i>	<i>5</i>	<i>6</i>
<i>7</i>	<i>8</i> <i>N8DP DAVE</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>
<i>14</i>	<i>15</i>	<i>16</i>	<i>17</i>	<i>18</i>	<i>19</i> <i>N9QPJ ANDY</i>	<i>20</i> <i>N8HLH & XYL</i>
<i>21</i>	<i>22</i> <i>NK8V & LYNN</i>	<i>23</i> <i>W8OWN GEORGE</i>	<i>24</i>	<i>25</i>	<i>26</i>	<i>27</i>
<i>28</i>	<i>29</i>	<i>30</i> <i>CINDI N&JSI</i> <i>DAUGHTER OF</i> <i>N8BNC</i>	<i>31</i>			

EXAMS

- 01/09/2018 | Gaylord MI 49735-9822 Sponsor: Top of Michigan ARC
Location: Gaylord Regional Airport Time: 7:30 PM (Walk-ins allowed)
- 01/09/2018 | Howell MI 48855-8703 Sponsor: Livingston Amateur Radio Klub
Location: Livingston County EMS Time: 7:00 PM (Walk-ins allowed)
- 01/10/2018 | Livonia MI 48154-3045 Sponsor: Livonia ARC Location: Livonia
Civic Center Library Time: 7:00 PM (No walk-ins)
- 01/13/2018 | Ann Arbor MI 48108-1516 Sponsor: ARROW Communications
Assoc. Location: American Red Cross Building Time: 9:00 AM (Walk-ins allowed)
- 01/13/2018 | Lansing MI 48911-5322 Sponsor: Ingham County VE Group
Location: Lansing Fire Station #44 (Community Room) Time: 11:00 AM (Walk-ins
allowed)
- 01/13/2018 | Port Huron MI 48060-4014 Sponsor: Eastern Michigan ARC
Location: St Clair County Library Time: 10:00 AM (Walk-ins allowed)
- 01/13/2018 | Wyandotte MI 48192-9999 Sponsor: Motor City Radio Club
Location: First United Methodist Church Time: 9:00 AM (Walk-ins allowed)
- 01/20/2018 | Flint MI 48507 Sponsor: The KT8Q & W8ACW VE Teams
Location: Baker College of Flint-Tech Center Time: 9:30 AM (Walk-ins allowed)
- 01/20/2018 | Union MI 49130-9622 Sponsor: Michiana VE Location: Around the
Corner Café Time: 9:00 AM (Walk-ins allowed)
- 01/27/2018 | Allegan MI 49010-1524 Sponsor: Allegan County ARC
Location: Allegan General Hospital - Basement Cafeteria Time: 9:00 AM (Walk-ins
allowed)
- 01/27/2018 | Kalamazoo MI 49001-4156 Sponsor: Kalamazoo ARC
Location: EOC of Kalamazoo County Sheriff Dept Time: 8:30 AM (Walk-ins allowed)
- 01/27/2018 | South Lyon MI 48178 Sponsor: South Lyon Area ARC
Location: Witch's Hat Depot Time: 9:00 AM (Walk-ins allowed)
- 01/28/2018 | Madison Heights MI 48071-1862 Sponsor: hazel Park amt radio
Club Location: UCFW Hall 2017 HPARC Swap Time: 11:00 AM (Walk-ins allowed)
- 02/01/2018 | Lansing MI 48911-5322 Sponsor: Ingham County VE Group
Location: Lansing Fire Station #44 (Community Room) Time: 7:00 PM (Walk-ins
Allowed)

- 02/03/2018 | Mount Clemens MI 48043-2217 Sponsor: SAROF Location: Mt. Clemens Salvation Army Corps (rear entrance) Time: 7:30 PM (Walk-ins allowed)
 - 02/06/2018 | Oak Park MI 48237-2085 Sponsor: Hazel Park ARC Location: Oak Park Community Center Time: 7:00 PM (Walk-ins allowed)
 - 02/10/2018 | Ann Arbor MI 48108-1516 Sponsor: ARROW Communications Assoc. Location: American Red Cross Building Time: 9:00 AM (Walk-ins allowed)
- 02/10/2018 | Port Huron MI 48060-4014 Sponsor: Eastern Michigan ARC Location: St Clair County Library Time: 10:00 AM (Walk-ins allowed)

HAMFEST

- 01/28/2018 | HPARC Swap Location: Madison Heights, MI
Type: ARRL Hamfest Sponsor: Hazel Park Amateur Radio Club
Website: <http://hparc.org>

02/03/2018 | HARA Swap and Shop Location: Negaunee, MI Type: ARRL Hamfest
Sponsor: Hiawatha Amateur Radio Association Website: <http://www.qsl.net/k8lod/>

02/10/2018 | 45th Annual Swap & Shop Location: Traverse City, MI Type: ARRL
Hamfest Sponsor: Cherryland Amateur Radio Club Website: <http://cherrylandarc.com>

02/18/2018 | Livonia ARC's 47th Annual Swap & Shop Location: Livonia, MI
Type: ARRL Hamfest Sponsor: Livonia Amateur Radio Club
Website: <http://www.livoniaarc.com/index.php?page=swapshop>

=====

SOME PROPAGATION AND DX CLUSTER WEBSITES

<http://www.bandconditions.com/>

<http://aprs.mountainlake.k12.mn.us/>

<http://www.dxmaps.com/>

Radio Amateur's Invention to Treat Alzheimer's Patients Going to Clinical Trials

Inveterate inventor and radio amateur Eric Knight, KB1EHE, may be on the cusp of medical history as a device he developed in collaboration with a prominent Alzheimer's disease researcher enters clinical trials this month. Both are hoping that the device, which essentially saturates the brain with low levels of RF, may prove to be a viable treatment for the dreaded disease affecting millions.

"Sometimes breakthroughs happen in ways that are unexpected," Knight told ARRL.



Eric Knight, KB1EHE.

Knight learned of experiments that world-renowned Alzheimer's researcher Dr. Gary Arendash was carrying out on mice specially bred to have the disease, exposing them to low levels of RF. Knight said the effects were dramatic, sometimes even reversing the disease's effects in the mice. Borrowing some concepts from his early experiments with small rockets and avionics, he set about developing, and later patented, a device that could provide the requisite RF exposure to the human head.

"In the early 2000s, we were trying to figure out then how to make antennas that would wrap around the airframes of the rockets we were designing," he said, noting that the diameter of his group's space vehicle was about the same as that of a human head. Knight learned that Arendash was attempting to extend his investigations in a similar vein, and eventually they collaborated.

"He came at it from mice and science, I came at it from an aerospace and hobby perspective," said Knight, who patented a device based on a bicycle-type helmet. At the same time, Arendash was developing a similar wearable -- a fabric cap resembling an old-time aviator's headgear. Both devices are embedded with small antennas to bathe the brain in electromagnetic radiation in the 900 MHz spectrum set aside for Industrial, Scientific, and Medical (ISM) applications -- some 100 MHz higher than a cell phone's frequency.

"Ironic for sure," Knight said. "Who would imagine that cell phone radio waves could be a potential treatment for Alzheimer's disease?"

Knight, who has no medical background, said the device to be used in the clinical trials consists of the cap plus a palm-sized transmitter and wiring harness worn on the arm. The resulting combination has been dubbed the NeuroEM 1000. Participants will get doses of RF twice a day.

(continued bottom of next page)

UP NET MEMBER PROFILE.....EDITED BY AL, K8BLL

MIKE GOTTSACKER, KD9TZ
ELKHART LAAKE, WI

BORN IN SHEBOYGAN, WISCONSIN IN 1950, MIKE GRADUATED FROM NORTH HIGH SCHOOL THERE IN 1968. HE WAS EMPLOYED AT NATIONAL FOOD STORES STARTING AS A BAG BOY AND ROSE TO BECOME ASSISTANT STORE MANAGER. HE WAS ALSO EMPLOYED AS A FOREMAN IN THE FOUNDRY AT KOHLER CO. IN NEARBY KOHLER, WISCONSIN. HIS INTEREST IN AMATEUR RADIO WAS HELPED ALONG BY HIS FATHER AND HIGH SCHOOL FRIENDS. HE BUILT ALL OF HIS NOVICE GEAR FROM JUNK PARTS. THIS EVENTUALLY LED TO A JOB WITH HEARTLAND VIDEO SYSTEMS IN PLYMOUTH, WI. HE ALSO HAS WORKED AS TELEVISION BROADCAST ENGINEER. DURING THE VIET NAM WAR, MIKE WAS IN THE U.S. ARMY AND SERVED IN VIET NAM AS A MACHINE GUNNER IN A RIFLE PLATOON.

MIKE IS MARRIED AND HE AND HIS WIFE HAVE TWO ADULT CHILDREN AND TWO GRANDCHILDREN. THEY BOTH SHARE A LOVE FOR HORSES AND ATTEND AND COMPETE AT AREA HORSE SHOWS. MIKE'S OTHER INTERESTS INCLUDE FARMING, SAILING AND SUMMITS ON THE AIR. NOW IN RETIREMENT, HE KEEPS HIS HAND IN REPAIRING COMMERCIAL TRANSMITTERS AND RECEIVERS AS WELL AS OTHER ELECTRONIC GEAR. HE LEARNED BROADCAST ENGINEERING WORKING WITH STATION CHIEF ENGINEERS.

MIKE'S SHACK IS LOCATED IN A CORNER OF HIS BASEMENT AND INCLUDES A KENWOOD TS590S AND 440S AS WELL AS A YAESU 890. HE ENJOYS ANTENNA BUILDING AND HIS "FARM" HAS BEAMS FOR 10,15,20,12,17 METERS AND WIRE ANTENNAS FOR 160,80,60 METERS.

=====

From the Food and Drug Administration's (FDA) standpoint, the clinical trials aim primarily to show that the technology is safe, but Knight said he and Arendash are also looking for data that might demonstrate that the device could be beneficial in treating Alzheimer's. The protocol they've developed goes further than what the FDA requires and includes before-and-after baseline data, with cognitive testing, assays of spinal fluid and blood, and PET scans.

"The hope is that there is a tiny bit of efficacy. Then we can work to refine it," Knight said, adding, "No one is expecting a magic cure"

UP NET MEMBER PROFILE.....EDITED BY AL, K8BLL

JIM KRYMKOWSKI, K9WYB
OAK CREEK, WISCONSIN

BORN IN SOUTH MILWAUKEE IN 1944, JIM ATTENDED GRADE AND HIGH SCHOOL THERE. HE ALSO WENT ON TO COLLEGE THERE, ATTENDING THE UNIVERSITY OF WISCONSIN MILWAUKEE CAMPUS. THIS LED TO A FORTY YEAR CAREER WITH THE J.C. PENNY COMPANY IN DATA PROCESSING, INFORMATION TECHNOLOGY, COMPUTER OPERATIONS AND MANAGEMENT IN DATA NETWORKING. JIM'S ENTIRE CAREER WAS WITH PENNY STARTING AT THEIR CATALOG CENTER IN WAUWATOSA, WISCONSIN AND ENDING WITH A TRANSFER TO CORPORATE HEADQUARTERS IN DALLAS, TEXAS AND RETIREMENT IN 2004.

JIM AND HIS WIFE, BURNELL, HAVE A SON, DOUGLAS, AND TWO DAUGHTERS, KIM AND TERRY, PLUS FIVE GRANDCHILDREN.

JIM OBTAINED HIS NOVICE LICENSE (KN9WYB) IN APRIL, 1960 AFTER MANY YEARS AS A SHORT WAVE LISTENER. HE NOW HAS AN EXTRA CLASS LICENSE AS K9WYB. HIS STATION FEATURES A YEASU MK V FT1000MP FEEDING AN 80 METER INVERTED VEE DIPOLE. A DISCONE ANTENNA COVERS THE VHF AND UHF BANDS.

=====

**A kindly old gentleman calls his neighbor and says, "Please come over here and help me. I have a killer jigsaw puzzle, and I can't figure out how to get started."
His neighbor asks, "What is it supposed to be when it's finished?"
The old gentleman says, "According to the picture on the box, it's a rooster."
His neighbor decides to go over and help with the puzzle.**

**He lets her in and shows her where he has the puzzle spread all over the table.
She studies the pieces for a moment, then looks at the box, then turns to him and says, "First of all, no matter what we do, we're not going to be able to assemble these pieces into anything resembling a rooster."
She takes his hand and says, "Secondly, I want you to relax. Let's have a nice cup of tea, and then, She said with a deep sigh**

"Let's put all the Corn Flakes back in the box."

Second Annual AM Rally Special Event Set for February 2-4 Weekend

01/02/2018

The **AM Rally** special event once again is inviting operators to explore the original phone mode over the February 2-4 weekend. Co-sponsor Clark Burgard, N1BCG, said the event "is intended to be both fun and educational." It encourages all radio amateurs to get on AM, possibly for the first time. "Because of resurgent interest in AM, the event is also an opportunity for amateurs new to AM to learn about proper settings and get the most performance out of their station, whether it's modern, vintage, tube, transistor, software-defined, military, boat anchor, broadcast, home brewed, or commercially made," Burgard said.

The **AM Rally website** includes tips and suggestions for various transmitter types as well as links to additional information. Certificates will be awarded for most states contacted and most contacts overall made by stations in five power-output classes. Some "special recognitions" will be made on an ad hoc basis, Burgard said.

The AM Rally gets under way at 0000 UTC on Saturday, February 3, and concludes at 0700 UTC on Monday, February 5. Bands include 160, 80, 40, 20, 15, 10, and 6 meters. The 2017 AM Rally, which was held in April, was **a huge success**, with nearly 1,500 contacts reported on the 72 logs submitted. -- *Thanks to Clark Burgard, N1BCG*



BILL KELSO
133 SIXTH STREET
MARION MI 49665