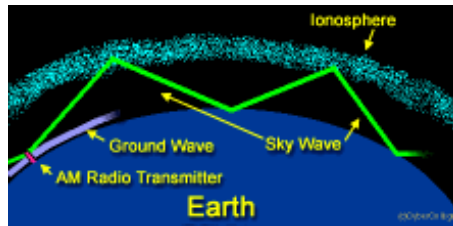


# The Hertzian Herald



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## N8DXR's Ground Waves



On behalf of the 2017 club officers, directors and myself, thank you for your trust in us to manage our club in the coming year. Also I extend thanks on behalf of the membership to Glen K9GO for his two very productive years as club president. Glen will continue his contribution to amateur radio in Michigan as president of the organization producing the new Great Lakes HAMCON and as vice president of our club.

Looking back on 2016 the standout is the extremely successful NPOTA with 1,108,073 QSO's and 21,297 activations. Two of our MCRCA members finished on the top fifty leader board and on the NPOTA Honor Roll. Congratulations to Tom KG8P and to Paul W8PI.

During the year we saw new members, members with upgrades to their license, and a successful club Hamfest and Field Day. All of this was capped by a great time at our 75<sup>th</sup> anniversary celebration dinner. These events and the activities at our regular meetings made 2016 a very successful year for MCRCA. Thanks to the membership of the club and to those who contributed their time and efforts to make a great 2016.

2016 also saw the last Dayton Hamvention at Hara Arena. Hara had been the site of the event known as "Dayton" since 1964. The new site for "Dayton" is the Green County Fair Ground East of Dayton near Xena Ohio. Any one attending "Dayton" this year will share in the experience of a new era in Ham Radio and the Dayton Hamfest.

2017 is not only brings new editions of our regular events but also two new exciting ones. In the works are the ARRL State Parks On The Air program and our own Great Lakes Hamcon to be held at the Michigan International Speedway facility this fall. As plans for these events develop we will keep you posted at our meetings, in the newsletter and on our MCRCA.ORG website.

I am looking forward to seeing all of you this year.

Till next time 73. John-N8DXR

### Club Officers

#### PRESIDENT

John Copeland N8DXR  
[jcn8dxr@gmail.com](mailto:jcn8dxr@gmail.com)

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Fred VanDaele KA8EBI  
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Brenda VanDaele KB8KQC  
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#### DIRECTOR

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#### DIRECTOR STATION TRUSTEE

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## MCRCA Minutes: January 19, 2017

Meeting called to order at 7:33 pm, by Glen Ohlemacher K8GO

Pledge of Allegiance

Introductions: No new members, 2 new licenses and 2 guests.

**PROGRAM:** Fixing old radios, make your boat anchor float.

**BREAK**

**DOOR PRIZE DRAWING:** Sandra KE8CQW, John N8DXR and Wes KC8SKP

**50/50:** Paul W8PI paid his dues and donated left over to Scholarship

**MINUTES:** Motion by Paul W8PI, supported by Wes KC8SKP, to approve as written in the Herald. Approved.

**TREASURER REPORT:** Motion by Paul W8PI, supported by Wes KC8SKP, to approve the treasurer's report as passed out to the membership. Approved.

**DX REPORT:** Tom K68P reports the bands are more challenging lately but there are still some stations out there. Activity is on 20 - 40 - 80 meters in the Winter time. Upcoming: Bovet DXpedition is still questionable at this time, Australia AX special prefix in January ARRL VHF Contest, 160 meter CW Sprint, North American QSO Party, and the Hungarian DX Contest January 21-22nd, 2017.

**FUTURE PROGRAMS:** Need a new director for 2017, Tom K68P will provide a program for February.

**TESTING:** Next session - Sat. February 18, 2017. Paul W8PI reported that he had 2 new Extras and 6 new Techs at the December testing, all from out of the county.

**ARPSC:** John N8DXR reported that the Muskrat Run will be held February 11, 2017 at Sterling State Park. Skywarn training at MCCC April 4<sup>th</sup> sign up at the Monroe County web site. ARPSC is looking for people interested in Public service to join the ARES, RACES, and ARPSC. Meetings are held the first Thursday at the EMD. ARPSC Net is Monday at 8 PM on 146.72.

**ARRL:** Dale is in Hartford and Glen reported that the Parity Act has been re-introduced to Congress.

**OLD BUSINESS:** Great Lakes HamCon at Michigan International Speedway October 7 and 8, 2017. An organizational meeting was held and Glen K8GO was put in charge of this event. There are 12 to 15 clubs affiliated each asked to donate \$250 seed money to get things going. This event will also host the Michigan State Convention and will be podcast over the internet by the group "100 watts and a wire." **Motion** by John N8DXR, supported by Fred KA8EBI to affiliate the MCRCA with GLARA and donate \$250 to help support this event was made and approved. **Motion** by Paul W8PI, supported by Bob AC8DZ to reimburse Wes KC8SKP, \$250 for the laptop computers and all the equipment he provided to outfit the club station and for Field Day, was made and approved.

**NEW BUSINESS:** Tom K68P talked about the upcoming MSPOTA contest and how clubs are hosting State Parks in their area. Some clubs will host for all 3 years and some less depending on location. Sterling will be 2017 only where 24 U.P Parks will be all 3 years. The DNR will be printing up 500 special QSL cards and requests will be sent to DNR Headquarters to be filled. We do not have to handle QSL card requests. It was noted that Sterling State park was named after a relative of Joe Sterling W8NDM a past member of the MCRCA. The contest will start April 1, 2017.

**Motion** by Bob AC8DZ and supported by Paul W8PI to have the MCRCA host Monroe County's Sterling State Park in the MSPOTA contest was made and approved.

**ELECTIONS:** **Motion** by Paul W8PI and supported by John N8DXR to accept the slate as submitted, was approved.

President	John Copeland N8DXR
V-President	Glen Ohlemacher K8GO
Secretary	Fred VanDaele KA8EBI
Treasurer	Brenda VanDaele KB8KQC
Director	Wes Busdiecker KC8SKP - station trustee
Director	Paul Trouten W8PI
Director	Rodney Haddix KD8ZNN

**ADJOURNED:** 9:04 PM

## Committees

### Classes

### Club Station

Wes Busdiecker KC8SKP

### DX Net

### Field Day

Jeff Breitner KA8NCR

### Finance

Paul Trouten W8PI (chair)

Fred VanDaele KA8EBI

Dale Williams WA8EFK

### HamFest

Fred VanDaele KA8EBI

### Hertzian Herald

Fred VanDaele KA8EBI

### Historian

Paul W8PI

### Public Relations

Jeff Breitner KA8NCR

### Scholarship

Fred VanDaele KA8EBI

### School Liaison

open

### Programs

open

### Membership

open

### Planning

open

### Property Custodian

open

## Receive pictures from space - ISS SSTV

Slow-scan television (SSTV) transmissions are planned from the International Space Station (ISS) on February 13-14, 2017

The SSTV images will be transmitted as part of the MAI-75 Experiment on 145.800 MHz FM using the Kenwood TM-D710 transceiver located in the Russian ISS Service module. It is thought they may use the PD-180 SSTV format.

The MAI-75 activities have been scheduled for the Russian crew on Monday, February 13 from 09:25-18:00 GMT and Tuesday, February 14 from 11:25-16:30 GMT.

Note the ISS transmissions on 145.800 MHz FM use the 5 kHz deviation standard rather than the narrow 2.5 kHz used in Europe. If your transceiver has selectable FM filters try the wider filter.

The ISS Fan Club website will show you when the space station is in range <http://www.issfanclub.com/>

ISS SSTV information and links at <https://amsat-uk.org/beginners/iss-sstv/>

ARISS-SSTV Images  
<http://ariss-sstv.blogspot.co.uk/>

Listen to the ISS when it is over Russia with the R4UAB WebSDR  
<http://websdr.r4uab.ru/>

Listen to the ISS when in range of London with the SUWS WebSDR  
<http://websdr.suws.org.uk/>

If you receive a full or partial picture from the Space Station your Local Newspaper may like to know

<http://www.southgatearc.org/news/2016/july/now-is-a-great-time-to-get-ham-radio-publicity.htm>

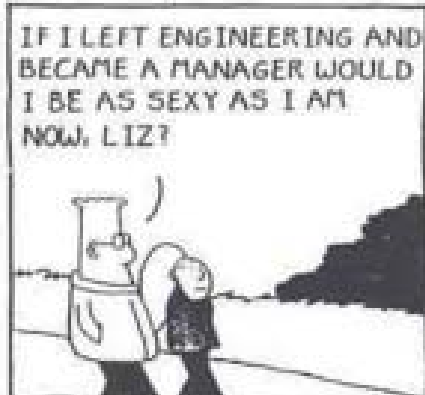
Copyright © 1999 by Greg Trook, N0UJR



THANKS TO PAUL WOOD!

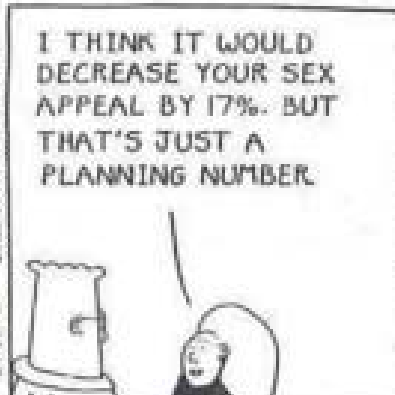
"Oh Hi Rodger...Walter can't come to the phone right now, he just made a contact with a station in Tasmania at 10 milliwatts, and he's not finished foaming at the mouth yet."

DILBERT® by Scott Adams



1/19/99

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## MSPOTA

- 100+ Michigan State Parks & Associated Areas for 3 years of fun
- Parks activated in steps; approx 1/3 in each of 3 years
- One featured park in each region of the state will be active on a continuous basis throughout the event. The remainder will be active on a rotational basis over the 3 years
- Park access primarily in temperate months
- Winter access available in select parks
- Many parks to have Activator Kits staged to help promote the connection on-site between the park and amateur radio
- Most parks to provide park-specific QSL cards for chasers by SASE
- Opportunities exist for club sponsorship of parks
- Website to be available for information
- Activator Log Uploads,
- Chaser Leader Board, Awards Program, Honor Roll

[MSPOTA on Facebook](#) [contact@mspota.org](mailto:contact@mspota.org)

## How to Learn Morse Code - Semiconsciously

Scientific American magazine reports learning Morse code, with its tappity-tap rhythms of dots and dashes, could take far less effort—and attention—than one might think

The trick is a wearable computer that engages the sensory powers of touch, according to a recent pilot study. The results suggest that mobile devices may be able to teach us manual skills, almost subconsciously, as we go about our everyday routines.

Ph.D. student Caitlyn Seim and computer science professor Thad Starner of the Georgia Institute of Technology tinker with haptics, the integration of vibrations or other tactile cues with computing gadgets.

Last September at the 20th International Symposium on Wearable Computers in Heidelberg, Germany, they announced that they had programmed Google Glass to passively teach its wearers Morse code— with preliminary signs of success.

Read the Scientific American story at

<https://www.scientificamerican.com/article/how-to-learn-morse-code-mdash-semiconsciously/>



## Ultra Low Cost Yagi



# Skywarn Spotter Training Class

Conducted by the  
**National Weather Service**

**April 4, 2017**  
**7:00 p.m. – 9:00 p.m.**



**Monroe County Community College**  
**1555 S. Raisinville Road**  
**Life Science Building (L)**  
**Lecture Hall #140**  
**Monroe, MI 48161**  
**Seating is limited.**

In conjunction with the **National Weather Service, Emergency Management Division and Radio Amateur Civil Emergency Services (RACES)**, volunteer Skywarn Spotters work diligently to provide and confirm the earliest signs of possible severe weather. **Be part of the team!**

**Registration required:**

**co.monroe.mi.us/emd**

(Click on the link labeled Sky Warn Spotter)

**Or call us at**  
**734-240-3135**



Handouts will not be available at the training. The **Weather Spotters Field Guide** is available only online at: <http://www.nws.noaa.gov/om/brochures/SGJune6-11.pdf>. The **Thunderstorm, Tornadoes and Lightning Guide** is available at: <http://www.nws.noaa.gov/om/severeweather/resources/ttl6-10.pdf>.

Although the National Weather Service (NWS) has improved their ability to detect severe thunderstorms over the past twenty years, the human eye is one of the most valuable resources for both local emergency management offices and the NWS.





The American Radio Relay League's round-up of the forthcoming week's DX activity on the amateur radio bands

This week's bulletin was made possible with information provided by AA4NC, W3UR, WB0TEV, QRZ DX, the OPDX Bulletin, 425 DX News, The Daily DX, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

**LESOTHO, 7P.** Pista, HA5AO is QRV as 7P8EUDXF until February 26 while working at an orphanage. Activity is on 40 to 10 meters using mostly CW. QSL via operator's instructions.

**MALTA, 9H.** Nobuaki, JA0JHQ is QRV as 9H3NH from Slima until February 12. Activity is mostly on 40, 30 and 20 meters using CW and RTTY. This includes an entry in the CQ World Wide RTTY WPX contest. QSL to home call.

**KUWAIT, 9K.** Special event station 9K56NLD is QRV until the end of February to celebrate the 56th anniversary of Kuwait's National and Liberation Day. QSL via operators' instructions.

**BHUTAN, A5.** Zorro, JH1AJT, JayCiem E20NKB and Champ, E21EIC are QRV as A5A until February 17. Activity is on the HF bands using CW, SSB and RTTY. QSL via JH1AJT.

**EASTER ISLAND, CE0.** Michael, DF8AN is QRV as CE0Y/DF8AN until February 17. Activity is on the HF bands using CW and various digital modes. QSL to home call.

**CAPE VERDE, D4.** Girts, YL2KL will be QRV as D4C from Sao Vicente Island, IOTA AF-086, from February 13 to 20. Activity will be on 160 to 10 meters using CW. This may include 60 meters as well. He will be a Single Op/All Band/High Power entry in the upcoming ARRL DX CW contest. QSL direct to HB9DUR.

**SAN ANDRES AND PROVIDENCIA, HK0.** Will, AA4NC is QRV as 5K0N from San Andres, IOTA NA-033, until March 8. Activity is on the HF bands using CW, SSB and RTTY. He will also be active with LW9EOC as 5J0NA in the upcoming ARRL DX contests. Look for AA4VK to be QRV as AA4VK/HK0 for a few weeks using SSB. Will may also be active as 5K0N/HK5 while on a trip to Cali. QSL via operators' instructions.

**DENMARK, OZ.** Torben, OZ9GA will be QRV using special call sign OV90EDR during the CQ World Wide RTTY WPX contest to celebrate the 90th anniversary of Denmark's IARU Society, the EDR. QSL via operator's instructions.

**ARUBA, P4.** John, W2GD is QRV as P40W from Santa Cruz until February 20. Activity is on the HF bands, including the newer bands, using CW and SSB. This includes being a Single Op/All Band entry in the upcoming ARRL DX CW contest. QSL direct to N2MM.

**TURKEY, TA.** Special event station TC4LOVE is QRV until the end of February to mark St. Valentine's Day. QSL via TA3X.

**BELIZE, V3.** Victor, WB0TEV, is QRV as V31VP from Blackman Eddy until February 14. Activity is on 80 to 10 meters using mostly SSB and RTTY. This includes being an entry in the CQ World Wide RTTY WPX contest. QSL direct to home call. In addition, Art, NN7A will be QRV as V31JZ/p from South Water Caye, IOTA NA-180, from February 15 to 21. Activity will be on 160 to 10 meters, including the newer bands, using mostly CW. This includes being a Single Op/All Band/Low Power entry in the upcoming ARRL DX CW contest. QSL direct to home call.

**NAMIBIA, V5.** Georg, DD8ZX and Klaus, DJ9KM are QRV as V5/DJ9KM and V5/DD8ZX, respectively, from Omaruru until February 18. Activity is holiday style on 160 to 6 meters using SSB, RTTY and PSK. They will be active as V55V in the CQ World Wide RTTY WPX contest. QSL via operators' instructions.

**MACAO, XX9.** A group of operators will be QRV as XX9D from February 13 to 26. Activity will be on 80 to 10 meters, and 160 and 6 meters if local conditions permit, using CW, SSB and RTTY with up to three stations active. QSL via DL4SVA.

**THIS WEEKEND ON THE RADIO.** The CQ World Wide RTTY WPX Contest, SARL Field Day Contest, Asia-Pacific CW Spring Sprint, SKCC Weekend CW Sprintathon, KCJ Topband CW Contest, Dutch PACC Contest, OMISS SSB QSO Party, FISTS Winter Unlimited CW Sprint, AWA Amplitude Modulation QSO Party and the Balkan HF Contest will certainly keep contesters busy this upcoming weekend.

The ARRL School Club Roundup runs from February 13 to 17.

The CQC Winter CW QSO Party is scheduled for February 13.

The PODXS 070 Club Valentine PSK31 Sprint is scheduled for February 14.

The RSGB 80-Meter Club Data Championship, QRP 40-Meter CW Fox Hunt, AGCW Semi-Automatic Key CW Evening, CWops Mini-CWT CW Test and Phone Fray are scheduled for February 15.

Please see February QST, page 99, and the ARRL and WA7BNM contest web sites for details.

## Amateur Radio Examinations Monroe, MI

Monroe County Radio Communications Association Amateur Radio examinations are held the 3<sup>rd</sup> Saturday of every even numbered month at:

**American Red Cross Chapter Bldg.**  
1645 North Dixie Highway  
Monroe, MI 48161

Walk-ins are always welcome.

### 2017 Schedule:

February 18	April 15
June 17	August 19
October 21	December 16

### TESTING BEGINS PROMPTLY AT 9:00 AM

Applicants are expected to have all forms filled out and be ready to take tests at that time. Coffee and doughnuts are available at 8:30 AM. For more information or to make reservations, call Paul Trouten - W8PI at 734-854-2224

### Join us at the next meeting

February 16th at 7:30 pm  
American Red Cross Chapter Bldg.  
1645 North Dixie Highway  
Monroe, MI 48162

### Local Net

**ARPSC Net** - Every Monday evening on '72-Monroe  
(146.72 Mhz) starting at 8:00pm.

**ARPSC Meeting** first Thursday of every month at the  
EMD office on Raisinville Rd.. 7:00 PM