

OLE VIRGINIA TIMES

April 2017

Next Meeting: Monday, April 17, 2017

PRESIDENT'S LETTER:

Well it appears that spring has finally sprung. The season started off with the first Mini-Tri of the year, and the turnout was good. Thank you to all of the volunteers and to Andy (KJ4MTP) for the planning. Our next event is the 2017 Manassas Air Show on Saturday, May 6th (rainout day: May 7th). This will be our second appearance as an exhibitor at the Manassas Regional Airport. If the air show this year is anything like in past years, it will have about 20,000 visitors and should offer a fun time for the whole family to take in the aerobatic performances, aircraft displays, and the numerous informational booths of various Manassas organizations. Even though it is still in the planning stage, we expect the OVH booth to have HAM radio equipment on display, working ham radio(s), and possibly some demonstrations of HF radio SSB and PSK31 operation, handouts about the OVH, including our public service activities, etc. We are looking for volunteers to help who like to engage with visitors to entice inquiring minds to talk with us. We had hoped to be able to make contacts, but the authority nixed that and understandability so. We expect to be operational between 9 am and 4 pm; the OVH's participation in this event will also help us to promote our upcoming Hamfest and Field Day events in June.



With Manassas Hamfest quickly approaching (Sunday, June 4th), it is the perfect opportunity to volunteer to help out with OVH's signature event. There are many positions that need filling. This is perfect for new and the not so new members to participate in their service organization. There are openings for setup and takedown, along with manning the gates and the OVH table. Oh, did I mention that there is a free breakfast before setup and a free dinner after take down.

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Ole Virginia Hams Amateur Radio Club, Inc.

Post Office Box 1255
Manassas, Virginia 20108

OFFICERS

President:	Ray Knight	KM4EKR	930-8222
Vice Pres:	Jeff Fuller	WB6UIE	791-5916
Secretary:	Byron Dillon	AK4XR	222-2095
Treasurer:	Terry Erlacher	KC4DV	571-292-1490

DIRECTORS

Don (Butch) Blasdell	W4HJL	369-2877
Arthur Whittum	W1CRO	791-4330
Charlie Dale	WA4YGI	361-3091
Bob Zaepfel	K4HJF	282-2451

WEEKLY FM REPEATER NET COORDINATOR

Thurs - 8:00 PM Local Time	JOHN / KG4NXT	257-3566
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HAMFEST 2017 - Chairman

Terry	KC4DV	571-292-1490
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FIELD DAY 2016 - Co-Chairs

Ken	KD4VA	753-7863
Byron	AK4XR	222-2095

CLUB ROSTER / DATABASE

Arthur	W1CRO	791-4330
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EDUCATION

Mark	WA4KFZ	818-8033
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CLUB EMERGENCY COORDINATOR

Open

ARES - EMERGENCY COORDINATOR

David Lane	KG4GIY	703-628-3868
	email:	KG4GIY@ARRL.NET
Prince William County ARES website		http://pwcares.org

FINANCE

Arthur	W1CRO	791-4330
Mark	WA4KFZ	818-8033
Terry	KC4DV	571-292-1490

GENERATORS

Steve	N4OGR	361-0008
Keith	KM4AA	909-1512
Al	KB4BHB	368-4794

HISTORIAN

Theresa	KG4TVM	257-3566
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WEBMASTER — W4OVH.NET

Paul	W4ZB	754-0910
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BROADBAND HAMNET (BBHN)

Terryl	WA5NTI	445-2801
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EMAIL REFLECTOR — w4ovh@googlegroups.com

David Lane	KG4GIY	628-3868
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JOTA - 2016

John	KG4NXT	257-3566
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LEGAL

Bob	K4HJF	282-2451
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MEMBERSHIP CHAIRMAN

Luther	WA3FMO	361-4885
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NEWSLETTER

Paul	W4ZB	754-0910
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NEWSLINE FOR THE WEEKLY NET

John H.	KG4NXT	257-3566
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PROGRAMS

Jeff	WB6UIE	791-5916
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QUARTERMASTER

Steve	N4OGR	361-0008
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REPEATER CONTROLLERS

George	K4GVT	791-5956
Arthur	W1CRO	791-4330
Butch	W4HJL	369-2877
Steve	N4OGR	361-0008
David	KG4GIY	361-3042
Russ	WB4HHN	368-6435

W4OVH — TRUSTEE

Stu	W4PR	335-5267
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W4PVA — TRUSTEE

Arthur	W1CRO	791-4330
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SCHOLARSHIP

Jim	W4JTP	392-0150
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SUNSHINE

Theresa	KG4TVM	257-3566
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TECHNICAL COMMITTEE

George	K4GVT	791-5956
Arthur	W1CRO	791-4330
Butch	W4HJL	369-2877
Bill	N4SV	590.9562
Bob	K4HJF	335-1939
David	KG4GIY	628-3868

All telephone numbers listed above are for Area Code 703 unless otherwise noted. This is the official monthly publication of the Ole Virginia Hams Amateur Radio Club, Inc., a §501(c)(3) organization, dedicated to the promotion and enhancement of Amateur Radio. Copyright © 2016 by the Ole Virginia Hams.

The OVH ARC regular monthly meeting is at 7:30 p.m. every third Monday which is held in the Main Conference Room in the Manassas Public Works Building, 8500 Pabic Works Drive, Manassas, Virginia. Members, prospective members and other interested persons are invited to attend without obligation. Local information can also be obtained through the OVH's FM repeaters on 146.970-, 224.660-, 442.200+ and 443.500+ MHz. The OVH's two D-Star repeaters on 146.865- and 442.5125+ MHz are temporarily off the air due to maintenance work beyond the OVH's control. Up to date information about OVH activities and its meetings is also available during the OVH's nets on its FM Repeater each Thursday night at 8:00 p.m. or on 80 meters (3710 KHz) LSB each Sunday night at 7:00 p.m. (8:00 pm in Summer) or through the OVH's web site at <http://w4ovh.net>

Articles and quotations in the OVH Times newsletter may be reprinted if credit is given to the OVH ARC and any other noted source. Proposed materials for publication including pictures, articles, letters to the editor, classified ads, notes about specific errors, complaints or the like are solicited from all readers. Forward such items to the OVH Times Newsletter Editor: PAUL@W4ZB.COM as soon as available at any time, but the cutoff deadline for the OVH Times each month (usually the second Monday of the month) may preclude publication/correction until the following month.

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We also have Field Day coming up (Sat./Sun. June 24-25). I believe that Byron / AK4XR is still looking for a safety officer for the event. This is a great time to see equipment in action and be part of it. For the newer licensed members, this is a great opportunity to see how events work and to partake in Field Day. Nothing like hands on to experience the hobby.

I want to encourage the members who still have not paid their dues to do so. These funds are the source for many of our activities and commitments. I hope that you will take the time and support your club. Please do so using the form at end of this Newsletter or online at the W4OVH.NET (membership application tab) to renew or pay them at the upcoming meeting.

In addition to the usual business, the upcoming meeting will include a presentation by Karl Berger / W4KRL about how to construct a wireless weather station from basic parts. Karl is very knowledgeable and enthusiastic about this subject and an excellent speaker.

I hope to see all of you at the upcoming meeting on April 17th at 7:30pm at the usual place: Manassas Public Works, 8500 Public Works Drive, Manassas, Virginia.

Keep your thoughts and ideas coming to me at: RayKnight@Verizon.net

73 Ray KM4EKR

Sunshine Corner:

Happy birthday wishes in April to: Brian / KK4CBS, Robert / KJ4SZJ, Jeff / KB4IWD, Gil / KM4OZH, Paul / N4PD, Joe / KI4OHR, Lilly / KK4MXY, Paul / W4ZB, David / KD4DEE and Harry / KC9TXL.

Wayne, N7QLK was unable to make it to the March meeting so we went to Wayne! John / KG4NXT, Al / KB4BHB and I took an appreciation plaque over to Wayne for his great work while he was President of the club.

You still have a day or two left to get your Virginia QSO logs submitted, please make sure you put the OVH as your club on the log! Please send me a picture when you get your certificate would really like to see where everyone placed!

First Mini-Tri of the season was in March; Andy / KJ4MTP organized the event and did a great job of getting us out on the course. Thank you to everyone that came out for this event. (Pictures later in this Newsletter)

Thank you to the website committee members for their presentations at the March club meeting, great job.

Also, thanks to John / KG4NXT for his presentation at the March meeting on JT-9. A copy of John's slides are posted on W4OVH.NET for the world to see.

Terry / WA5NTI continues to recuperate at home with a full time care taker; he appreciates visitors, but please call (tel: 571-359-6889) before you go. A group of OVH members helped to move his station from the second floor to the first floor in his home.

HAMFEST – Please volunteer some time to help out on the day of the event (Sunday, June 4th) and/or during the Saturday set up on June 3rd.

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Please try to check in to the Thursday night VHF/UHF FM net. You will hear updates and information on events! How to do that is on the OVH web site at w4ovh.net. You will find us on the 146.970 and 443.500 FM repeaters at 8:00 pm every Thursday evening.

73 Theresa KG4TVM

Minutes of the Ole Virginia Hams Amateur Radio Club Meeting -- March 20, 2016:

The OVH club President, Ray / KM4EKR, called the meeting to order at 7:30 pm in the Main Conference Room in the City of Manassas Public Works Building, on March 20, 2017.

After the Pledge, all present stated their names and call signs. There were thirty-four OVH members and two guests attending the meeting.

Presentation - John / KG4NXT gave a presentation which introduced everyone to JT-9 which is another digital mode created by Joe Taylor / K1JT. [Note a copy of John's slides from his presentation are now posted on the OVH's web site.]

Minutes - The Minutes for the February 2017 meeting went out in the OVH Newsletter for March 2017. Butch / W4HJL made a motion to accept the February 017 Minutes, seconded by George / K4GVT, motion passed.

Treasurer's Report – Terry / KC4DV gave the Treasurer's report and the 2017 Budget report. Motion to accept the both reports by Stu / W4PR, with a second, motion passed. [Note a copy of the 2017 Budget Report is now posted on the Members' Only portion of the OVH's web site.]

Sunshine - Theresa / KG4TVM reported that Jeff / WB6UIE, is out of the hospital and recuperating well and Bill / KM4KWX had a heart attack but is also recovering. Theresa also reminded us to turn in our Logs for the Virginia QSO party. She also mentioned that the 4H is having a fundraiser on April 1st from 4-8 pm at the Buckhall Volunteer Fire Station. 7190 Yates Ford Road. Also, there is a had a plaque for Wayne / N7QLK our former club President who was not in attendance and which will be delivered to him.

Membership – Luther / WA3FMO advised that three individuals were to be voted on as new members. Ken Aldridge / K1KDA, Catherine "Cat" Demsko / KM4PBD, and Jim Gleason / WE4JJ. Luther made the motion, seconded by Sandy / KM4JUS, all were voted in. Luther also read in Kelly Bell / NoCall and James O'Rourke / KM4SXM who will be voted on at the April 2017 meeting.

ARES: The Marine Corps MCM 17.7 Marathon took place on the previous Saturday.

Repeaters—George / K4GVT advised that things are getting better with the 147.97 MHz FM repeater. Also, Cisco has donated a patch antenna for the link between repeater sites at Mount Pone and the NOVEC location on Lomond Drive.

Training – Mark / WA4KFZ advised that the previously scheduled "Now What" session was

cancelled because conflicting snow emergency made the room unavailable, and it would have been difficult to attend due the poor driving conditions. A new Tech class starts on April 6, from 7-9pm in the Public Works Conference room we use for our club meetings.

Hamfest – Terry / KC4DV reported that the next Hamfest planning meeting will be April 5th, the exact place will be announced over the reflector.

Field Day – Byron / AK4XR advised that we need volunteer(s) to work on creating a social media page of some type for Field Day.

Scholarship: Kristin / NoCall is working on getting scholarship applicants.

Webpage- Paul / W4ZB reported the OVH web sites are working.

New Business: Steve / N4OGR advised that there will be CERT training at the Manassas Park firehouse on 3/29 at 7pm.

The next Mini-Tri event will be March 26, 2017. Check the OVH email reflector for more info.

50-50: We raised a total of \$32.00. Dick / KM4UXE won and donated his half to the club.

Web Improvement Committee members gave a presentations on their efforts to give the OVH web site [W4OVH.NET] a “new look”; the attendees at the meeting were enthusiastic about the possibilities.

John / KG4NXT reported that Jeff / WB6UIE was continuing to work on getting designs and prices for club Tee shirts. More later.

Motion to adjourn by Stu / W4PR,seconded byGeorge / K4GVT, motion passed.

Reminders about some upcoming events / calendar dates:

HAMFESTS:

Friday / Saturday / Sunday - May 19 - 21, 2017, Dayton Hamvention to be held this year for the first time at the Greene County Fairgrounds and Expo Center a short distance southeast of Dayton, Ohio. Go to: <http://hamvention.org> for more information. For many, many years this has been the biggest Hamfest in the Western Hemisphere; it promises to continue that but some are skeptical about the new location. As usual, a group of OVH hams are planning to attend.

Sunday - June 4, 2017. The Manassas Hamfest. Check out: <http://manassashamfest.org> and also <http://w4ovh.net> under the Hamfest tab - for complete information.

SPECIAL HAM RADIO EVENTS:

Thursday / May 18, 2017 - Contest University, Dayton, Ohio - one day before the start of the Dayton Hamvention. This is a very intensive, very full day program for the advance radio hams. Highly recommended. Go to <http://contestuniversity.com> for full information.

AMRAD meets monthly in McLean, Virginia - meetings usually consist of high level

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amateur radio related technical presentations on specific topics. Check the <http://amrad.org> web site for upcoming topics, and exact dates, times and places which have been changing around recently.

HAM RADIO OPERATING CONTEST EVENTS:

The ARRL has a Contest web page at its web site, but a much more comprehensive, up-to-date, and long range planning contesting calendar with links to the rules for the various events is maintained by WA7BNM at <http://www.hornucopia.com/contestcal> If you get the radio contesting bug or just want to find out what and how much is going on, that is a good place to look!

PUBLIC SERVICE / ARES EVENTS

Always check the online Calendar by David / KG4GIY at <http://www.pwcares.org> for the latest updates. David maintains a comprehensive calendar for upcoming events at that web site. Complete direct contact information for David appears on page 2 of this Newsletter.

Pictures of the OVH Communications Support Team for the Mini-Tri event - 3/26/2017



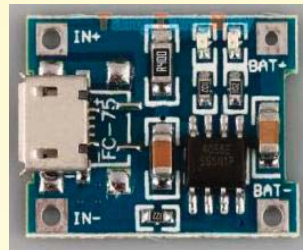
VP's Corner

Jeff Fuller WB6UIE

One of the more interesting things I've seen during my return journey to ham radio has been the marriage of the microprocessor and the radio. It started with frequency synthesizers. Easy to net everybody up on one frequency and no more drifting VFOs.

And then came digital modes. All those nifty error correcting codes I studied years ago in school were once limited to pencil and paper exercises, or maybe a mainframe lab or two. Now they run on a laptop computer sound card, like the one I used last month in a transatlantic QSO running five watts of PSK31.

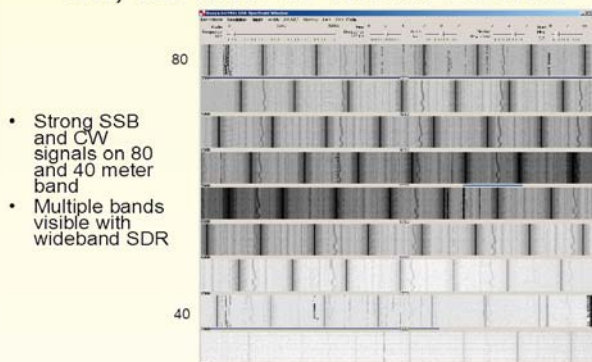
And, ham radio has joined the Internet of Things (IoT) - a variety of unmanned systems and sensors for monitoring and reporting. Want to learn more about IoT? Are you an Arduino programmer, Skywarn participant, or just enjoy tracking weather conditions? Join us for the April meeting where Karl, W4KRL, will demonstrate his solar powered wireless weather station.



From: <http://w4krl.com/iot-kits/>

Ultimately, it looks like the computer has become the radio. It's called SDR, or Software Defined Radio.

80, 60 and 40 Meter Bands



SDR Display - Courtesy Reginald Eisenblatt

Want to learn more about SDR and maybe put together one of your own? Join us at the Manassas Hamfest for Reginald Eisenblatt's presentation and vendor table. Looking forward to seeing you there!

73,

Jeff

Part of the Web Site Improvement Presentations during the regular March 20, 2017 OVH Meeting

Purpose

To modernize the Club's internet presence in order to enhance our visibility, further promote club activities, establish a social media presence and to attract new members.

Social Media Presence - Facebook

- Complementary to Web site - linked
- Club members can share photo, video, comments
- Content posted can be reviewed and controlled
- "Ole Virginia Hams - W4OVH - Amateur Radio" page is established and ready for use
- Volunteer to manage the page is available

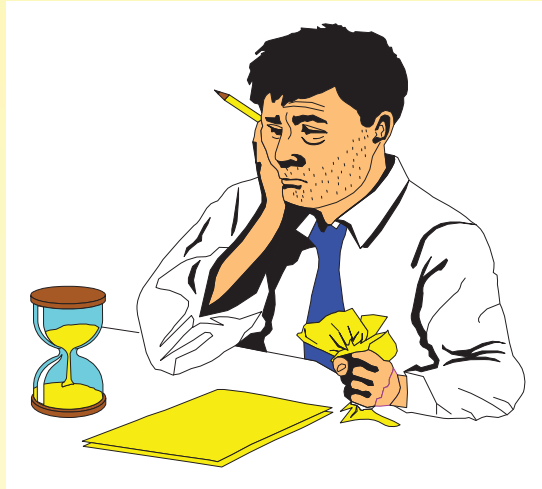
03/20/2017

JT-9 VS JT-65

1. Both transmit max of 13 characters per time window
2. Both have signal report generated by decoder
3. Bandwidth – JT-9 15HZ – JT-65 177HZ. So JT-9 takes less than 10% of the bandwidth of JT-65
4. JT-9 has 2 db better sensitivity at -27 db S/N vs. -25 db S/N for JT-65
5. Modulation – JT-9 uses 9 tones. They are sent at 85 intervals during the 48 second xmit window for a baud rate of 1.7. JT-65 uses 65 tones for a baud rate of 2.6. Both use less bits than CW would need to send same message.

**To the left:
Part of the
Presentation
by
John / KG4NXT
about the JT9
Digital Mode
on 3/20/2017**

REMINDER



Yes, it is that time of year again!!!! Below is the 2017 Renewal Application.

Please fill out the form below (for database), attach your check and mail to the address below or drop off at a meeting. Be sure to update all information, including your e-mail address, telephone number(s) and nine digit ZIP

MEMBERSHIP RENEWAL APPLICATION "OLE VIRGINIA HAMS AMATEUR RADIO CLUB" for 2017

NAME: _____ CALL SIGN: _____
ADDRESS: _____ Home Tel: _____
_____ Cell Tel: _____
Work Tel: _____
EMAIL: _____
BIRTHDAY: _____

ARE YOU PRESENTLY AN ARRL MEMBER? (YES/NO)
ARE YOU A VOLUNTEER EXAMINER: (YES/NO)
MAY YOUR TELEPHONE NOS. BE LISTED IN THE "Members Only" OVH ROSTER? (YES/NO)
WHAT IS YOUR PRESENT LICENSE CLASS? _____

Dues are now **\$20.00** per year and payable on January 1, 2017. Dues for each additional family member living at the same mailing address are \$10.00. Dues for a full time student at the college undergraduate or lower level [list school attended and grade or level:
_____] are \$10.00.

NAME AND CALL OF FAMILY MEMBERS: AMOUNT ENCLOSING: _____
Name: _____ Call: _____
Name: _____ Call: _____

Return to: **Treasurer, OVH**
P.O. Box 1255
Manassas, VA 20108-1255

NORTHERN VIRGINIA'S LARGEST

Manassas Hamfest

OUR
43RD
YEAR

AMATEUR RADIO & MAKER TECHNOLOGY SHOW

An ARRL-Approved HAMFEST Presented By:

The OLE VIRGINIA HAMS Amateur Radio Club, Inc.

(Featuring Youth Lounge Activities for the Youngsters Attending!)



Sunday, June 4, 2017

Prince William County Fairgrounds

Large Outdoor and Covered Pavillion flea market areas, two indoor air-conditioned buildings, several covered buildings and ample parking

10624 Dumfries Road - Route 234 - Manassas, Virginia -- Talk-In Repeaters on 146.97- and 442.200+

INDOOR EXHIBITOR SPACE

8-foot tables: \$30* each
with chairs & electricity
(\$25 if reserved by May 1st)
Setup 2-10 PM Saturday

GENERAL ADMISSION

\$10* per person at gate
(Age 18 and younger: no charge)
(*See web sites for prepayment
discounts before 5/15/2017)
Gates open at 7 AM

TAILGATING (admission is extra)

Outdoor Spaces: \$10* per space
Covered Pavillion: \$15 per space
(*See web sites for details about online
prepayment discounts before 5/15/2017)
Gates open at 6 AM

* Online ticket sales and vendor registration at <http://manassashamfest.org>

For our Most Current Vendor Info, Lists and Ticket Sales Visit our Web Pages:

<http://manassashamfest.org> and <http://w4ovh.net>

PRIZES

- Door prizes hourly 9 AM to 1 PM (be present to win)
- Major & Tailgate prizes awarded at 2 PM

INFORMATION

- ARRL Roanoke Division Officers attending
- Virginia Section Manager Forum & other Forums
- 4th Call Area QSL Bureau Representatives
- DXCC QSL Card Checking will be available
- Virginia QSO Party Awards Ceremony
- Check our web pages (below) for the most up-to-date information

ACTIVITIES

- Flea Market & Vendors - all day
- VEC License Exams: 8:00 AM - 10:30 AM
- "Maker" group technology demonstrations
- ARRL style Youth Lounge programs all day for youngsters - by the OVHARC and 4-H
- Maker Robotics Corral and Demos
- Amateur Radio Satellite Forum
- BroadBand Ham Networks ("BBHN") Forum
- Virginia QSO Party Awards and Forum
- More Forums to be announced, check web sites

<http://manassashamfest.org> and <http://w4ovh.net>

Dealer Info from George / K4GVT: vendors@manassashamfest.org

General Info from Terry / KC4DV: chairman@manassashamfest.org

VE Testing / Exam Information: vetesting@manassashamfest.org