



# KEY **KW** KLIX



## SEPTEMBER 2020

### MERIDEN AMATEUR RADIO CLUB

### 1947 - 2020



**FYI——THE AUGUST KEY KLIX QRP WAS NOT PUBLISHED....**

ALL MEETINGS ARE **NORMALLY** AT THE  
EOC HOPE HILL FIREHOUSE  
143 HOPE HILL ROAD, WALLINGFORD  
**HOWEVER THEY ARE SUSPENDED  
UNTIL FURTHER NOTICE**

PRES	W1YSM	ED SNYDER
VP	KB1JL	ERIC OLSSON
SECT	K1STM	ANNE WEST
TRES	K1WJL	DAVE SWEDOCK
S.A.M.	K1RCT	ROB CICHON

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## W1FD FRANK DARMOFALSKI SCHOLARSHIP AWARDED

The 2020 W1FD scholarship was recently awarded to Marisa Elizabeth Gabriel , a recent graduate of Lyman Hall High School who will be attending the University of New Haven majoring in Health Sciences. Scholarship Co-Chair Jim Savage N1ZN made the presentation to Marisa on Saturday Sept. 22 at the EOC with committee members Kristin Olsson KC1ISI, Mike Ash K1LHO & Rob Cichon K1RCT in attendance.

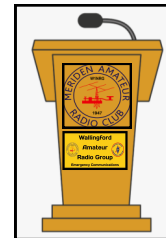






# *The President's Podium*

**Ed Snyder W1YSM, President**



## **A Glimmer of a Silver Lining?**

A question was asked on a recent amateur radio Net – “Can you think of any positive aspect of the COVID pandemic”? Although it is a parochial point of view, my response, after some reflection was that the Meriden Amateur Radio Club has coped with this plague surprising well. A pandemic is defined as a global disease, and parochial can be defined as a point of view limited in scope, name, or outlook. Since COVID-19 has caused so much disease and misery, however, what silver lining could there be?

Truthfully, MARC's coping has been in no small part due to our living in CT where the risk of infection has been very low for many months. This gives us the ability to safely move about – while following all mandated guidelines re: masks, sanitizer, social distancing, temperature checks, etc. First, the MARC membership has grown to 87 with #88 waiting in the wings. Since the pandemic started, we have more Club nets and each Net has seen more check-ins. Fox hunts have become a weekend ritual and (despite being officially unsanctioned - to protect the Club) have been a source of enthusiasm and excitement for those who have participated. It has expanded MARC's visibility and fostered much camaraderie. Again – many kudos to Dave NZ1J. Monthly Business and Activities meetings have been successfully held via Zoom, with robust attendance. A new Earth Station for satellite communication is under development at the OEM. Monthly VE sessions are scheduled and two have already been successfully held. All of these activities are signs of Club growth and activity – and all have occurred paradoxically, during a time of quarantine and isolation. Maybe not too surprising; Hams are known for their work-arounds.

While a few Club members have not been seen at meetings or hunts or on Nets, most members are active and visible and vocal. Indeed, several previous members who were not active have reconnected with MARC and we now again, enjoy their company.

Several events are looming, however, and some will require Club discussion and agreement.

Two more Activity Meeting topics are needed for September and October

The Year in Review will likely need to be via Zoom in December (without pizza)

The Xmas Party will likely be cancelled – although it is still too early to decide

CQ Santa is likely to be cancelled – while I believe it could be held safely, parents may not wish to unduly risk exposure of their children.

Lastly, VOTING FOR OFFICERS AND AWARDS will be tricky -I have some ideas for how we can manage this, and I will present ideas at an upcoming Business Meeting

So even though the Pandemic continues, MARC remains vital and vibrant. Indeed, if you look past the darkness, you may see a small glint of light that is perhaps is a bit of a silver lining – at least from my parochial perspective as MARC President.

73, and stay safe

Ed W1YSM



# ACTIVITIES & EVENTS

*ED W1YSM (ACTING ACTIVITIES MANAGER)*

## W1NRG CLUB ACTIVITIES

DAY	TIME (ET)	BAND	FREQ (MHz)	NCS	NAME	WHEN
MONDAY	2000 – 2100	6M	50.175	N1ZN - JIM	6M NET	EVERY MONDAY
TUESDAY	1930 -2000	2M (R)	147.36	K1TDO - TODD	2M NET	EVERY TUESDAY
	2000 – 2100	10M	28.375	K1VDF - JOHN	10M NET & 10-10 CASTLE CRAIG CHAP.	EVERY TUESDAY
WEDNESDAY	1900 – 2000	10M	28.375	W1YSM - ED	W1NRG OPEN NET	EVERY WEDNESDAY
THURSDAY	1930 – 2030	2M (R)	147.36	AB1DQ - JAMES	2M TECH NET	1 <sup>ST</sup> & 3 <sup>RD</sup> THURSDAY EACH MONTH
	1930 – 2100	-	-	W1YSM – ED	MARC BUSINESS MTG	2 <sup>ND</sup> THURSDAY EACH MONTH*
	1930 – 2100	-	-	W1YSM – ED	MARC ACTIVITIES MTG	4 <sup>TH</sup> THURSDAY EACH MONTH**
FRIDAY	-	-	-	-	-	-
SATURDAY	0900 – 1000	2M (R)	147.36	W1YSM – ED	COFFEE CUP NET	EVERY SATURDAY DURING COVID
	1100 - 1300	VAR	VAR	NZ1J – DAVID	FOX HUNT	EVERY SATURDAY DURING COVID
SUNDAY	-	-	-	-	-	-

• ZOOM ONLY

\*\* ZOOM ONLY

### MARC Business Meeting Thursday Sept 10, 7:30pm on ZOOM

Rob K1RCT will send out an email prior to the meeting with the details on the ZOOM meeting, password and meeting ID. It will be an important meeting, please plan on participating....

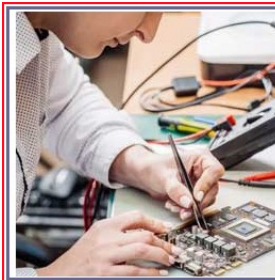
### VE Sessions at the OEM.

We have a Green Light for the three dates chosen. SEPT 26; OCT 17 AND NOV. 21 – All Saturdays at 0900 .... It is advisable to register as Covid protocols limits the amount of actual participation at any one time.. Please email Don KE1AY for details... dmitchell1273@sbcglobal.net

### From Ted KC1DOY

I just wanted to let you all know that my brother is out of the hospital and is now back home after recovering from Covid19. He'll have to stay on oxygen for a few more weeks but it looks like he's going to be OK. Thank you all for your kind words and prayers.





Join us tonight for the

**MERIDEN AMATEUR RADIO CLUB**

## Tech Net

8:00 pm EDT - W1KKF/R 147.360 +0.600

zoom simulcast

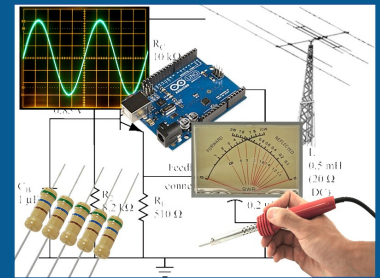
**NCS:** AB1DQ, James  
**Topic:** Planning Meeting for the Tech Net



**MARC TECH NET GURU JAMES AB1DQ**

The Meriden Amateur Radio Club

## Tech Net



Every First and Third Thursday of the Month

7:30 PM Local Time

W1KKF/R 147.360+ Wallingford, CT

# The Meriden Amateur Radio Club Tech Net

## Autumn 2020 Net Schedule

DATE	TOPIC	NCS
04-Aug-20	DC Power	N1GNV
20-Aug-20	Troubleshooting Fundamentals	AB1DQ
03-Sep-20	N1MM	K1RCT
17-Sep-20	DX-peditions	KB1EHE & KB1IFZ
01-Oct-20	Batteries – the History, Future, and use of...	K1LYP
15-Oct-20	Bench Equipment Basics	K1RCT
05-Nov-20	Contesting Tips & Tricks	N1ZN
19-Nov-20	China produced gear vs. the rest of the world	N1GNV
03-Dec-20	Kit building	AB1DQ
17-Dec-20	OPEN	TBD

Every First and Third Thursday of the Month

7:30 PM Local Time

W1KKF/R 147.360+ Wallingford, CT



## Secretary Report & Minutes of the Meriden Amateur Radio Club Anne West K1STM , Secretary

Business Meeting Minutes August 13, 2020

President, W1YSM called the virtual Zoom meeting to order at 19:34. Members present: 33. Attendees: K1RCT, KB1JL, KC1DOY, W1DQ, N1IBE, N1BRL, W1KKF, W1YSM, K1WJL, KC1GMD, W1EDX, KB1EHE, KB1IFZ, K1LHO, KC1HDB, K1LYP, Chris, N1GNV, K1VDF, KE1AY, AB1DQ, K1STM, K1JCF, NZ1J, N1API, N1LES, KC1KQH, KE1AU, WA1ZVY, WB1GYZ, WA1TRY, N1ZN, WV2LKM, K1TGX.

### Announcements W1YSM:

The August activity meeting (8/27) will be a presentation by Yale Students Sussman and Geller, members of the W1YU club. They will speak on radio astronomy, satellite and moon bounce .

All club nets and activities are well in spite of COVID restrictions.

The repeater battery was replaced in July.

N1GNV, trustee of the MARC Scholarship Committee Memorial call, W1FD, was added to the scholarship committee as a member. W1FD call was renewed with N1GNV as trustee.

### Secretary's Report K1STM:

The July business meeting minutes did not appear in Key Klix but were emailed prior to the meeting. The report was approved. From now on, a new section of the minutes called "Recorded Votes" will appear at the end of each report.

### New Members K1WJL:

Congrats to N1IBE and W3APC who were voted into membership with passed unanimous motions Total club membership, 87. .

### Treasurer's Report K1WJL

The month's financial report was given. The 2019 Nut Fest proceeds of \$500.00 were received. A payment for Zoom was made to KC1HDB and a payment for the purchase of satellite related equipment was made to N1GNV. The club insurance policy has been paid.

### Station Activity Report K1RCT

The fan dipole has been repaired.

A Ringo Ranger antenna is now the CERT antenna which has more gain.

The repeater old backup battery has been replaced with a new 80AH battery.

K1RCVT needs Field Day logs from club participants in order to compile the club score.

All donated equipment from the estate of W1VCU has been inventoried and moved to the OEM building AB1DQ is now the manager of the Tech Net which meets on the first and third Thursdays of each month.

### Committees

Activities W1YSM: The Saturday morning coffee cup net and fox hunt continue to be very successful. Additional fox boxes are being built.

Website update NZ1J: The club website has been simplified and updated.

Contest Activation N1GNV: John talked about possible MARC special events such as CQ Santa COVID permitting. A 4-6 hour club sprint was suggested. If interested, contact N1GNV.

Club nets: The 6, 10 and 2 meter net reports were given. Also the Tech Net was discussed. All nets are doing well. However, the Nutmeg Traffic Net is undergoing changes noted by K1STM W1YSM requested a copy of the Nutmeg VHF Traffic Net Manager responsibilities.

WA1SFH has used the club repeater for area 2 ARES to test how many towns can be reached from the repeater.

KC1SA has used the club repeater for Sky Warn because W1BCG and W1WPD linked repeaters have been down.

Castle Craig N1API: The 10 meter QSO party was a disappointment due to poor propagation.

Scholarship N1ZN: The scholarship recipient was announced. The scholarship will be presented at the OEM Saturday August 22 at 10:00 by the committee. Only 10 people can be present at a time Due to COVID restrictions. Marissa Gabriel, the recipient is a Health Sciences major.

Interference K1VDG: Nothing to report.

Volunteer Examiners KE1AY: VE sessions will be held on September 19 and October 17 at the OEM building with COVID protocols in place.

Key Klix K1WJL: As always, Dave needs items to print. Dave noted N1AKN's contributions.

Emcomm KB1JL: Limited OEM activities with less than 10 people can possibly happen with permission from Emergency Management. Maintenance of radio equipment continues.

Community Outreach: K1RCT reported MARC is active with other clubs. KB1JL noted that the weekly fox hunts are stirring up interest to possibly raise the profile of MARC. People watching ask what is happening. A discussion ensued pertaining to placing an article in the Record-Journal about club activities.

Old Business: None

New Business: None

The meeting adjourned at 21:05 with a passed motion.

### Recorded votes

July Minutes approved with a passed motion. 32 Aye, 1 nay.

N1IBE and W3APC Voted in as new members each with a passed unanimous motion.

Motion to adjourn, unanimous. Respectfully submitted, Anne West, K1STM Secretary





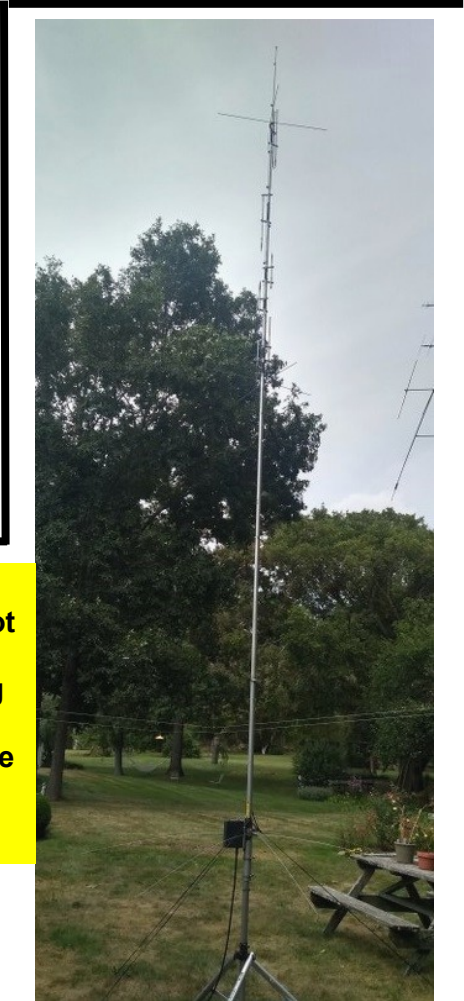
**Ted KC1DOY reports:**  
On Sep 4 I put up my new VHF/UHF antenna. A friend helped me by handing me tools and making sure I didn't fall off the deck railing! The antenna is a Diamond X200A and by the reports I got during the Coffee Cup Net, it has greatly improved the signal from my home in Waterbury (the soft underbelly of the universe) to the Wallingford repeater. I'll see how it does with some of the other repeaters in the coming weeks.

**"Our resident biochemist, Elsie KB1FZ, is clearly pumped up in her company's mission to develop a COVID-19 vaccine. Go for it, Elsie!"**



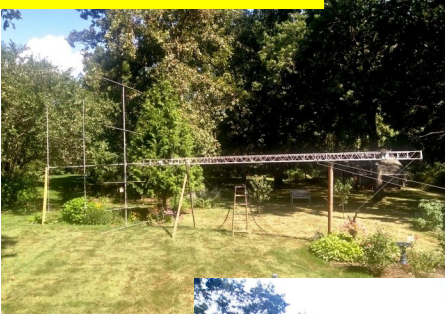
**Selling my Cushcraft R7 vertical now that I have the tri-band beam up. This is a nice vertical in that it does not require any ground radials. In great shape, just gone through and put up temporarily. Ideal height is mounting at 10 feet off the ground. I originally had it on my roof where it worked very well. Can be seen at my place since it is still up. Price \$200. (Tripod not included)  
Jim N1ZN**

**N1ZN JIM**



**INSTALLING THE MOSELEY TA-33 ON THE TOWER**

**First lowered the tower:**



**Next needed some welding:**



**Moved the 6 and 2 meter beams higher on the mast and added the TA-33:**



**Tower back up flying high:**



## **Fox Hunt Seventeen**

The Hunters on this circuit were coordinated by Bart N1BRL including a team of four Operators (hunters). We found the Fox in exemplary fashion Saturday July 18, 2020. Bart suggested coordinating myself (Rob K1RCT), Eric KB1JL & Bob, WB1GYZ. We all agreed and began discussion of strategy and tactics via email (since this hunt we have added folks to our Team).

We all communicated our starting points via email and plotted them on a map. We discussed possible hiding spots but we were advised by Bob Biancur, "read the bearing and trust it". He is absolutely correct too! Tactically we agreed to use the W1KKF-r for comm's. instead of the Bat-Channel which was spotty at best. No one mentioned this but we all kept our starting points to our collective selves.

After the start, we each communicated our bearing line to-target to each other. Since no one else knew of our effort, no one else knew of the starting point for the bearing report. We plotted each other's bearing and came up with a fairly accurate target area.

We each found the Fox where our bearing lines intersected. Jim Savage (N1ZN) found the Fox first due to dead reckoning & local knowledge (he was not in our sub-group) followed by Eric KB1JL, another with superior local knowledge. Rob K1RCT next followed by Bart N1BRL and Bob WB1GYZ. Each of us had a map with accurate bearings to the hidden Fox thanks to team effort.

### **Takeaways –**

- More fun was had due to Team effort.

- We used simple plane geometry! (thanks Eric).

- More folks able to acquire the Fox in shorter time when coordinating.

- Faster acquisition of target due to coordinated team work.

- Knowledge of terrain & locale is fundamental to quicker acquisition of target.

- I.E.: Have at least one Local on your Team!

- There may be other takeaways that other Members could add but this one will stand in-memory for me.

Thanks Dave T!

### **Final go-around:**

We are on the cusp of contest season. While not everyone contests, an International Contest brings out Amateur Radio Stations not normally heard. If you're a DXer, contests can be a good time to hunt elusive callsigns!

Now is the time to check the integrity of your station. Coax cable damage, connector corrosion or contamination, loose terminals on wires, loose mechanical connections on your power supply or ground-connections. These are a few of the things I have discovered in my own shack.

Don't neglect your computer either. Power-down the pc, vacuum the ventilation ports and motherboard if you can. You'll want to be gentle inside the chassis so as to not knock anything around. Tighten what can be tightened (connectors) and remove/re-insert USB plugs/connectors.

Probably better to find an issue now and fix it rather than when you're trying to work a rare one!

73! de K1RCT - S.A.M.



**Hints & Kinks / Rob K1RCT**

**Q Codes can be queries or responses. Modern practice is to use the Q Signal in substitution of a longer phrase.**

**QRG - Exact frequency? / Exact frequency is.**

**QRH - Frequency vary? / Your frequency varies.**

**QRI - Tone of my transmission? / The tone of your transmission is.**

**QRJ - Receiving me badly? / I cannot receive you. Your signals are too weak.**

**QRK - Intelligibility of my signals (or those of \_\_\_)? / intelligibility of your signals (or those of \_\_\_) is:**

**QRL - Are you busy? / I am busy (or I am busy with \_\_\_). Please do not interfere.**

**QRM - Is my transmission being interfered with? / Your transmission is being interfered with.**

**QRN - Troubled by static? / I am troubled by static.**

**QRO - Shall I increase power? / Increase power.**

**QRP - Shall I decrease power? / Decrease power.**

**QRQ - Shall I send faster? / Send faster \_\_\_\_. (WPM)**

**QRS - Shall I send more slowly? / Send more slowly \_\_\_\_. (WPM)**

**QRT - Shall I stop sending? / Stop sending.**

**QRU - Have you anything for me? / I have nothing for you.**

**QRV - Are you ready? / I am ready.**

**QRW - Shall I inform \_\_\_ that you are calling on \_\_\_ kHz?**

**Please inform \_\_\_ that I am calling on \_\_\_ kHz.**

**QRX - When will you call me again? / I will call you again at \_\_\_ hours (on \_\_\_ kHz).**

**QRY - What is my turn? / Your turn is numbered \_\_\_\_.**

**QRZ - Who is calling me? / You are being called by \_\_\_ (on \_\_\_ kHz).**

**QSA - What is the strength of my signals (or those of \_\_\_)?**

**The strength of you signals (or those of \_\_\_) is \_\_\_\_.**

**QSB - Are my signals fading? / Your signals are fading.**

**QSD - Is my keying defective? / Your keying is defective?**

**QSG - Shall I send \_\_\_ messages at a time? / Send \_\_\_ messages at a time.**

**QSK - Can you hear me in between your signals and if so, can I break in on your transmission? / I can hear you between my signals; break in on my transmission.**

**QSL - Can you acknowledge receipt? / I am acknowledging receipt.**

**QSM - Shall I repeat the last message I sent you, or some previous message?**

**Repeat the last message you sent me [or message(s) number(s) \_\_\_\_].**

**QSN - Did you hear me (or \_\_\_) on \_\_\_ kHz? / I did hear you (or \_\_\_) on \_\_\_ kHz.**

**QSO - Can you communicate with \_\_\_ direct or by relay?**

**I can communicate with \_\_\_ direct (or by relay through \_\_\_\_).**

**QSP - Will you relay to \_\_\_? / I will relay to \_\_\_\_.**

**QST - General call preceding a message addressed to all amateurs and ARRL members. This is in effect, "CQ ARRL".**

**QSU - Shall I send or reply on this frequency (or on \_\_\_ kHz)? / Send a series of Vs on this frequency (or on \_\_\_ kHz).**

**QSW - Will you send on this frequency (or on \_\_\_ kHz)? / I am going to send on this frequency (or on \_\_\_ kHz).**

**QSX - Will you listen to \_\_\_ on \_\_\_ kHz? / I am listening to \_\_\_ on \_\_\_ kHz.**

**QSY - Shall I change to to transmission on another frequency?**

**Change transmission to another frequency (or \_\_\_ kHz).**

**QSZ - Shall I send each word or group more than once? / Send each word or group twice (or \_\_\_ times).**

**QTA - Shall I cancel message number \_\_\_? / Cancel message number \_\_\_\_.**

**QTB - Do you agree with my counting of words?**

**I do not agree with your counting of words. I will repeat the first letter or digit of each word or group.**

**QTC - How many messages have you to send? / I have \_\_\_ messages for you (or for \_\_\_\_).**

**QTH - What is your location? / My location is \_\_\_\_.**

**QTR - What is the correct time? / The correct time is \_\_\_\_**





## Tales of the Non-Sanctioned Fox Hunts

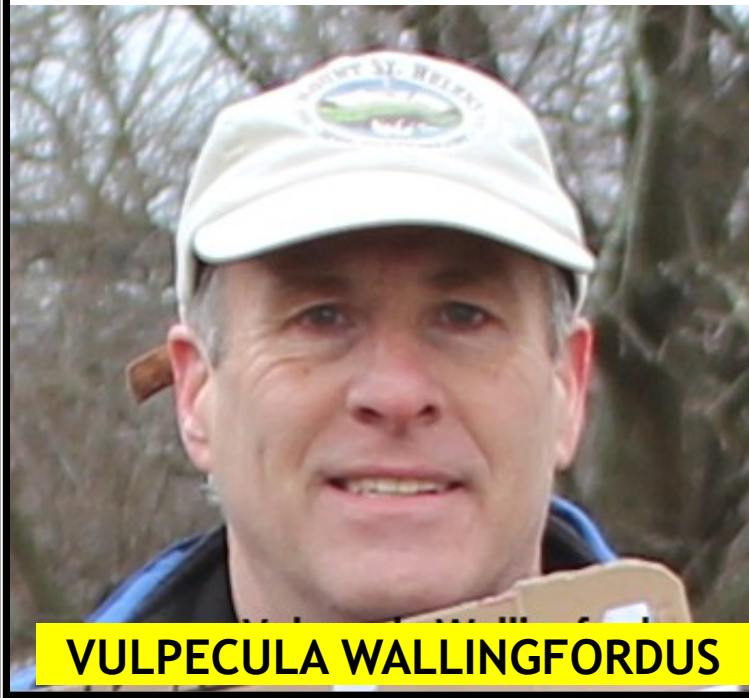


### **FROM YOUR KEY KLIX EDITOR**

**IN LOOKING BACK OVER THE INFAMOUS YEAR OF THE 2020 VIRUS, IT IS APPARENT THAT THE MARC SURVIVED DUE TO THE EFFORTS OF A GROUP OF DEDICATED INTREPID WEEKEND WARRIORS, WHO BUILT ANTENNAE, ATTENUATORS, AMPLIFIERS, QRP XMTRS, ROTATABLE YAGIS, DOPPLER SYSTEMS AND ENDURED FREEZING TEMPS WHILE DRIVING WITH THE WINDOWS OPEN, BLISTERING HEAT, HIGH WINDS, POISON IVY, POISON OAK, POLICE SHAKEDOWNS AND THE DREADED GARBAGE TRUCKS HAULING AWAY A FOXBOX OR TWO... IT IS WITH THIS THOUGHT I WILL DEDICATE THE ENTIRE SEPTEMBER QRP ISSUE OF THE KEY KLIX TO OUR BAND OF FOX HUNTERS....**

**PLEASE FORWARD ANY UNIQUE PIXS OR STORIES....**

# WANTED



THANKS TO  
TED KC1DOY

**VULPECULA WALLINGFORDUS**

### **Vulpecula Wallingfordus**

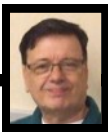
Be on the lookout for this creature. It is quite elusive although a number of sightings have been reported, usually on Saturdays. Previously, it always kept its three transmitters close by but of late it has been distancing itself from them, the better to escape detection.

Location is further hampered by its use (knowingly or unknowingly) of multipath travel. Hunters have begun to organize in groups, the better to close in from several directions at once. Solitary hunters find it a far greater challenge. Its movements on other days remain unknown but it is believed that it has a den somewhere in the area.

**Ted KC1DOY**

WIKIPEDIA SAYS VULPECULA IS A SOLAR CONSTELLATION CALLED THE "LITTLE FOX"

**Best visible at 21:00 (9 p.m.) during the month of September. Vulpecula /val'pekjələ/ is a faint constellation in the northern sky. Its name is Latin for "little fox", although it is commonly known simply as the fox.**



# CONTESTING TIPS FROM AL N1API

## Worked All Europe Contest - Do you QTC?

The Worked All Europe Contests are unique in the fact that they have an option to exchange QTC, (Traffic), with the European stations you work. In the CW and SSB Contest you can only send QTC. In the RTTY contest you can send and receive QTC. The only stipulation is that it must be between different continents. For us that means that we can exchange QTC in RTTY

with all but Canadian stations. In all cases you can not report the QTC of the station you are working back to him. There is a limit of 10 QTCs between stations. Simply put work 10 stations and exchange QTC with the 11th station. You double your points if you exchange 100% of your contacts.

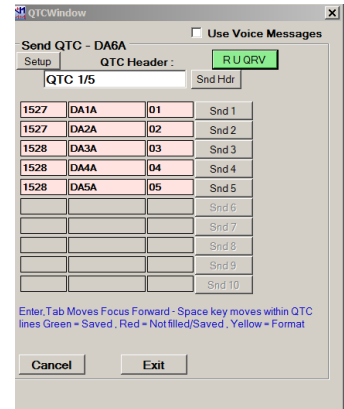
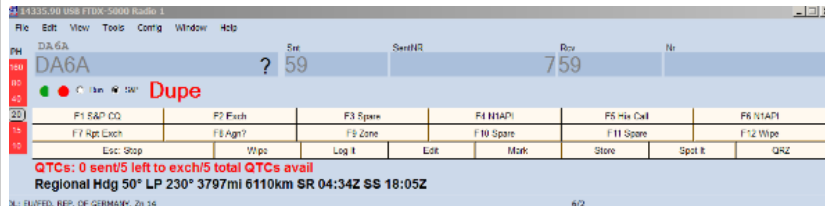
There are a number of program that do the QTC exchange. The ones I know about are N1MM, Wintest, DXlog and UCXog. There may be others.

So how to you make this exchange? For SSB you read each contact back to the station and he "Rogers" each one or asks for a repeat. In CW or RTTY the computer sends each line. For CW the station gives you a "R" or asks for a repeat of the information. You send it again until you get the "R". In RTTY you send the whole set and the station will either confirm the set or ask for a repeat of a line. When he confirms the set you EXIT and the points are added to your score. I am only familiar with N1MM so the example here is how you use N1MM for QTC. If you are running other software you will need to read your manual on how to get the QTC function to work.

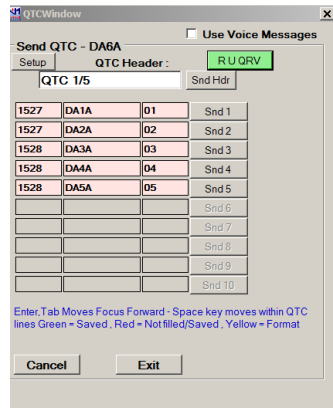
The example below is a simple log of 6 contacts. We will do SSB which is easiest.

MM-DD HH:MM	Call	Freq	Series	QTC?	Snt	Rcv	Sent	NR	M1
09-01 16:07	DA1A	14056.50	QSO		59	59	1	1	✓
09-01 16:07	DA2A	14056.50	QSO		59	59	2	2	
09-01 16:07	DA3A	14056.50	QSO		59	59	3	3	
09-01 16:07	DA4A	14056.50	QSO		59	59	4	4	
09-01 16:07	DA5A	14056.50	QSO		59	59	5	5	
09-01 16:08	DA6A	14056.50	QSO		59	59	6	6	

You are going to exchange QTC with DA6A who has asked if you have any QTC for him. You start the process by placing his call in the logging window, (if he is not the station you are currently working), and press CTRL-Z



You have 5 QTCs you can send him., The window to the right pops up It asks how many QTC you want to send, you OK 5 and the window changes to:



You then read each line starting with the header. IE:

QTC 1/5  
PRESS SND HDR  
Pause and  
Wait for his confirmation of the header

Press SND1

Read the first line

1527 Delta Alpha 1Apha 01

Pause - the station, (DA6A), either says QSL or asks for a repeat of something like "Time Again", you repeat the time he says QSL

continued on next page



When he says QSL or RGR Press SND2

Continue with the set as above

1527 DA2A 02

Pause

1528 DA3A 03

Pause

1528 DA4A 04

Pause

1528 DA5A 05

Break

DA6A will either say I QSL your 1/5 or ask for a repeat on something If he says QSL, you say 73 or thanks Press EXIT

You have completed the QTC and your log now looks like this:

MM-DD HH:MM	Call	Freq	Series	QTC?	Snt	Rcv	Sent	NR	M1
09-01 16:07	DA1A	14056.50	QSO		59	59	1	1	✓
09-01 16:07	DA2A	14056.50	QSO		59	59	2	2	
09-01 16:07	DA3A	14056.50	QSO		59	59	3	3	
09-01 16:07	DA4A	14056.50	QSO		59	59	4	4	
09-01 16:07	DA5A	14056.50	QSO		59	59	5	5	
09-01 16:08	DA6A	14056.50	QSO		59	59	6	6	
09-01 16:10	DA6A	14056.50	SQTC	1/5	1607	DA1A	1	1	
09-01 16:10	DA6A	14056.50	SQTC	1/5	1607	DA2A	2	2	
09-01 16:10	DA6A	14056.50	SQTC	1/5	1607	DA3A	3	3	
09-01 16:10	DA6A	14056.50	SQTC	1/5	1607	DA4A	4	4	
09-01 16:10	DA6A	14056.50	SQTC	1/5	1607	DA5A	5	5	

Your point total have gone from 6 points to 11 points. If one of the previous stations calls you back and you pass the DA6A QTC to him your final score is 12 points doubling your worked points. Both CW and RTTY Work the same.

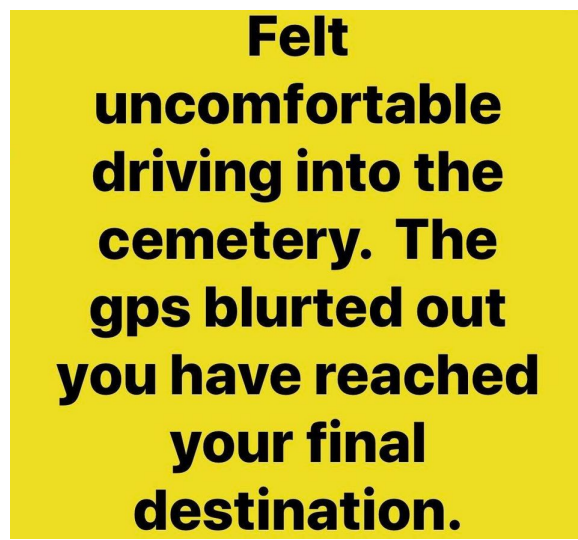
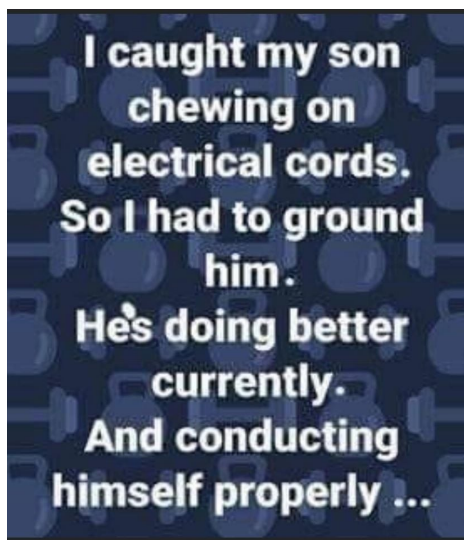
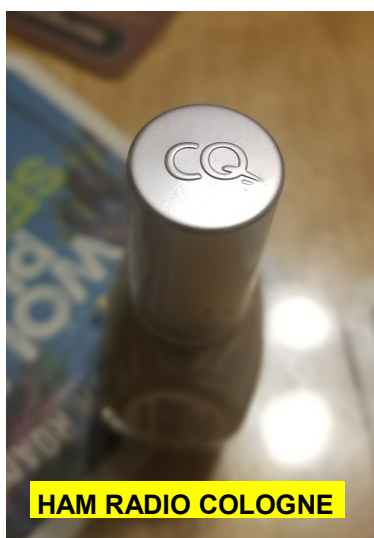
In RTTY if you were going to TAKE QTC from a Station you press CTRL-Z twice to get to the receive screen and as the station sends the set you click on the line in your RTTY receive program and each line fills the form. If you ask for a repeat the station can press SND# again and the line will repeat or he can send the whole set again. You can also use the SND # to repeat a line in CW or RTTY.

The RU QRV button is used in CW or RTTY if the stations says he will take QTC but does not say or send "I AM QRV" or something to that effect. It queries him if he is ready to accept your QTC.

As you can see this contest is unique in it's form but it is one of the most fun ones to participate in. You can set up a faux

contest and practice sending QTC in SSB and CW. For RTTY you can practice sending QTC or practice receiving QTC by making up calls and reports and filling out the form to see how it works.

Enjoy and have fun! -73- AI - N1API



# MERIDEN AMATEUR RADIO CLUB

## OFFICERS OF MARC

PRESIDENT.....W1YSM ED SNYDER  
 VICE PRES.....KB1JL ERIC OLSSON  
 SECT.....K1STM ANNE WEST  
 TRES.....K1WJL DAVE SWEDOCK  
 STATION A.M...K1RCT ROB CICHON

MEETINGS: NORMALLY  
 7:30PM ON THE 2ND & 4TH THURSDAYS  
 OF THE MONTH,  
 UNLESS OTHERWISE POSTED,  
 THE HOPE HILL ROAD FIREHOUSE / EOC  
 143 HOPE HILL ROAD, WALLINGFORD  
**ALL MEETINGS ARE CANCELLED  
 UNTIL FURTHER NOTICE**

MAILING ADDRESS:  
 MERIDEN AMATEUR RADIO CLUB  
 POB 583, MERIDEN CT. 06450

## CLUB NETS

6 MTR NET MONDAYS 8PM  
 50.175MHZ N1ZN JIM

2 METER NET TUESDAYS 7:30PM  
 147.36 /RPT NO PL K1TDO TODD

10 METER NET TUESDAYS 8PM  
 28.375MHZ K1VDF JOHN

10/10 CASTLE CRAIG CHAPTER  
 (CONCURRENTLY WQITH CLUB NET)  
 28.375MHZ TUESDAYS 8PM N1API AL

2 METER TECH NET Thursdays 7:30PM  
 147.360+, no PL (on non-MARC meeting nites)  
 WEEKLY NET MODERATED BY VARIOUS  
 AMATEURS WITH DIFFERENT TECHNICAL  
 TOPICS AND Q&A SESSION

2 METER COFFEE CUP NET SAT 9AM  
 147.36+ NO PL W1YSM ED  
 (THIS HAS ALSO A SIMULTANEOUS  
 SECONDARY NET OF SORTS THROUGH  
 THE VIDEO TELECONFERENCING  
 W1NRG JITSI SITE)

WEBSITE: (USE LOWERCASE)  
[www.w1nrg.com](http://www.w1nrg.com)

FORUM / BBS:  
[www.w1nrg.com/forum/](http://www.w1nrg.com/forum/)  
 or go to website and follow links

CASTLE CRAIG 10-10 WEBSITE:  
 go to [www.w1nrg.com](http://www.w1nrg.com)  
 and follow the links

CLUB REPEATER W1KKF/R  
 147.36MHZ +600 OFFSET  
 NO PL TONE (OPEN REPEATER)

## MEMBERSHIP ROSTER

AB1DQ	James Surprenant	22R	N1BF	Patrick Dionne	21R
AB1HB	Charlie Dudac	20S	N1BRL	Bart Toftness	20S
AF1HS	Art Fregeau	20S	N1GNV	John Bartscherer	20S
K1IIG	Steve Tripp	20S	N1GY	Geoff Haines	21S
K1JCF	Joe Farrell	20S	N1HCA	Susan South	20R
K1LHO	Mike Ash	20S	N1IBE	Wade Martell	21S
K1LYP	John Yusza	21S	N1KGY	Chuck Ayers	20R
K1MMK	Mike MacKennedy	20R	N1LES	Joe Murray	21R
K1MVM	Mike Macri	20S	N1MOB	Dan David	20R
K1RCT	Rob Cichon	20R	N1NAN	Helen Spokes	20S
K1SCI	Stuart Isaac	20R	N1OKF	Bob Parisi	20R
K1STM	Anne West	20S	N1OKR	Frank Ciccone	20S
K1TDO	Todd Olsen	20R	N1POP	Greg Ploski	24S
K1TGX	Jerry Molaver	22S	N1QYB	William Wilecki Jr.	20S
K1VDF	John Blevins	20S	N1YLN	Edward O'Lena	20R
K1WJL	Dave Swedock	20S	N1ZN	James Savage	20S
KB1CIW	Bob Stephens	20S	NZ1J	Dave Tipping	22R
KB1EHE	Eric Knight	20R	W1AJK	Andrew Kazimer	20R
KB1FYL	Bob Carruthers	20S	W1DQ	John Elengo	20S
KB1HCC	Jonathan Winslow	20S	W1EDX	Paul Stasieluk	20S
KB1IFZ	Elsie Mathews	20R	W1KKF	Bill Wawrzeniak	L
KB1JL	Eric Olsson	20S	W1KPS	Kevin Shields	20R
KB1MFU	John Ramadei	21R	W1LV	Steve Morley	20R
KB1SIT	Teresa Stephens	20S	W1NHS	Fred Ring	20S
KB1SSN	Alex Dills	20R	W1NNZ	William Kosche III	20S
KB1TJD	Gainne Jenkins	20S	W1POP	Fred Liedke	21S
KB1TMC	Clare O'Lena	20R	W1ST	Stephen Stimpson	20R
KB1YFJ	Glen Couture	20R	W1UFO	Mike Cei	20R
KC1DOY	Ted Renzoni	20S	W1XK	Stan Gugler	20S
KC1GMD	Ralph Ring	20R	W1YSM	Ed Snyder	22R
KC1HDB	Jeff Martin	28R	WA1FFT	Ray Irwin	20S
KC1HFO	John Stoidis	20R	WA1JKR	John Rogus	21S
KC1IHK	Scott Mowerson	20R	WA1SFH	Douglas Sharafanowich	20R
KC1IIL	Matt Mowerson	20Y	WA1TRY	Rich Aubin	L
KC1ISI	Kristin Olsson	20R	WA1ZVY	Jim Martin	20S
KC1KQH	John Kasinskas	20S	WB1GGP	Jerry Shepard	20S
KC1MBG	Robert Luby	20R	WB1GYZ	Bob Biancur	20S
KC1NQE	Shawn Warren	21R	WB8IMY	Steve Ford	20R
KC1PU	Bob Woodtke Jr.	21R	WV2LKM	Steve Waldmann	20S
KC1SA	Stephen Allen	21R	W3APC	James Cook	21S
KE1AU	Robert Kaczor	20S	W9OTW	Debbie Foss	20R
KE1AV	Dave Sanford	20R		Ron Rogers	20S
KE1AY	Donald Mitchell	20S			
KR1U	Bob Eslinger	20S			
N1AKN	Jeff Dwyer	20R			
N1API	Al Kaiser	20S			

## MEMBERSHIP STATS

TOTAL MEMBERS.....88\*\*  
 REGULAR(UNDER65).....41  
 SENIOR(OVER 65).....41  
 LIFE.....2  
 STUDENT(UNDER 18).....1

## CLUB DUES STRUCTURE (JAN-DEC)

UP TO 64 YRS OF AGE--\$20/YR  
 SENIOR DISCOUNT 65 & UP--\$15  
 ANY MEMBER WHO IS A LICENSED HAM,  
 18 & UNDER WILL BE GIVEN FREE DUES.

KEY KLIX EDITOR DAVE SWEDOCK K1WJL  
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 203 235-8582

