



Scuttlebutt

December 2021

Issue 262

CAPTAIN'S LOG

Hi All,

Our newsletter editor indicates he has a lot of submittals for this month, so I will try to keep this short.

The preliminary CQWW Club Competition results are available and it appears we have come up significantly short:

Club	Logs Submitted	Participants	Total Score (M)
FRC	268	335	431.6
YCCC	254	328	385.4
PVRC	205	NA	181.2

A bit more detail on the club performance and participation:

Event	Logs Submitted	Participants	Total Score (M)
2021 CQWW SSB	125	168	156.4
2021 CQWW CW	129	160	229.0
Total	254	328	385.4

YCCC members show up in top 10 NA claimed scores in many categories, too many to try to recognize in this article. I am open for ideas on how we get more members to participate in future events. Further analysis will be provided as we move forward. I just wanted to get the preliminaries in front of you.

New members, be sure to check out the article on submitting your logs and scores. All should check out a new initiative I have proposed and supported by the BOD to encourage excellence in operating while tied to the use of 3830Scores.com.

It's that time of year again, dues are up! Brian, NJ1F has been keeping the website roster up-to-date. If you see your dues date as 12/31/2021, you are up for renewal. Those of you that haven't paid your dues since 12/31/2016 will be removed from the on-line roster. We will try some direct mail messages to shake some of you out of the trees. Dues are \$15/year and are payable via PayPal. You only need to pay for the current year to get active again. There is no need to pay for past years.

Holiday Party has been cancelled as you have heard by now. No big deal, there was a distinct lack of interest. It is looking more and more like Zoom meetings are the way to go.

Happy Holidays All and 73,

Ken – WO1N

Yankee Clipper Contest Club	
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CAPE & ISLANDS	----- OPEN -----	-----	-----

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YCCC General Meeting - October 6, 2021 Zoom Meeting Minutes

President Ken WO1N called the Zoom Meeting to order at 7:00 pm.

President Ken WO1N then asked for a roll call of those present and their CQWW plans.

President Ken WO1N then gave a competition report and outlook for the upcoming contest season.

President Ken WO1N then announced that the following Yankee Clipper Contests Club members K5ZD and WA1Z have qualified to be Team Leaders in the upcoming WRTC 2023 Competition and NN1C, W1UE, N1UR, K1ZZ, K1XM and W3UA are Eligible Team Mates. Congratulations!

President Ken WO1N then gave an update on the CQWW RTTY contest.

President Ken WO1N asked for the Secretary's report which Brian NJ1F gave. A motion to accept the report was made by W1UE and seconded by N2HX. The motion carried

President Ken WO1N asked for the Treasurers report which Chet N8RA gave. A motion to accept the reports was made by W1GD and Seconded by W1JQ. The motion carried.

President Ken WO1N asked if there was any Old Business. There was no Old Business.

President Ken WO1N asked if there was any New Business

Vice President Charlie N1RR talked about the December Holiday meeting which is currently being planned for Sunday December 5th at the Auburn Elks Club.

President Ken WO1N asked if there was anyone on the zoom meeting that wanted to join the club. Serge VA3SB was welcomed aboard.

President Ken WO1N introduced Andrew KC2G he gave a presentation on his real time online propagation prediction site. <https://prop.kc2g.com/>

President Ken WO1N introduced Tom K1KI, Fred AB1OC and Fred K1VR, the three candidates for The New England ARRL Director. Each was given 10 minutes to give their campaign stump speech.

A motion to adjourn was made by Will WC2L and Seconded by Gerry W1GD.

The meeting adjourned at 8:55 pm.

Submitted

Brian Szewczyk NJ1F

YCCC Secretary

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Yankee Clipper Contest Club YouTube Channel

<https://www.youtube.com/channel/UCOZDgRPZQ5lvtry1OjNWBQ/videos>

Building An Open Source Propagation Prediction Tool - 10/06/2021 - Andrew Rodland, KC2G

Tips For Being A Better Contest Operator – 10/27/2021 – Randy Thompson, K5ZD

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YCCC General Meeting - October 27, 2021 Zoom Meeting Minutes

President Ken WO1N called the Zoom Meeting to order at 7:30 pm.

President Ken WO1N then asked for a roll call of those present and their CQWW plans.

President Ken WO1N asked if there was anyone on the zoom meeting that wanted to join the club. W1VKE and K1WZC were welcomed aboard.

Vice President Charlie N1RR talked about the December Holiday meeting which is currently being planned for Sunday December 5th at the Auburn Elks Club.

President Ken WO1N introduced Randy K5ZD who gave a presentation on Tips for being a better single OP.

President Ken WO1N then closed the meeting and opened the Zoom to all attendees to socialize, share tips and strategies

Submitted

Brian Szewczyk NJ1F

YCCC Secretary

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NEW CREW

W1VKE	Vin Scimeca	Orleans, MA
K1WZC	Hubert Davis	Shrewsbury, MA
VA3SB	Serge Bertuzzo	Mississauga, ON
AC1DC	Jamey Finchum	Nashua, NH
AB1BY	Abigail Finchum	Nashua, NH
KC1GGX	Connor Finchum	Nashua, NH
KC1GDW	Adam Goldsmith	Claremont, NH
KC1POB	Sarah Goldsmith	Claremont, NH
KC1RLS	Robert Shields	Bedford, NH
K1TZQ	Howie Naugle	Portsmouth, RI
AC1EV	Jonathon Turner	Tewksbury, MA
NR1T	Shawn Takatsu	Trumbull, CT
W1JSR	James Redfield III	Framingham, MA
W1KAT	Kathy Redfield	Framingham, MA
W1JGM	John Morelli	Ne wFairfield, CT
KC2LRC	Samuel Rose	Syracuse, NY
W1OMG	Colleen Ahlquist	Worcester, MA
K1MT	David Talmanson	Holliston, MA

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YCCC Donation to Support RTTY Contest PLAQUE



Worldwide Radio Operators Foundation, Inc
P O Box 529
Fredericksburg, TX 78624-0529 USA
Tax ID: 27-1435449

Donor:	Yankee Clipper Contest Club
Date of Receipt:	October 1, 2021
Type of Contribution:	Cash
Amount of Contribution:	\$65.00 U.S.
Purpose:	RTTY Contest Plaque Sponsorship

Dear Yankee Clipper Contest Club:

On behalf of Worldwide Radio Operators Foundation, Inc., thank you for your generous donation as noted above.

WWROF is dedicated to improving the skills of amateur radio operators around the world, utilizing education, competition, advancement of technology and scientific research, promoting international friendship and goodwill, and preparing them to better serve society in times of communication need.

Donations are tax deductible under IRS 501 (c) (3) provisions. No goods or services were provided to you for this donation.

Sincerely,

Worldwide Radio Operators Foundation, Inc.

<https://wwrof.org/>

No Kidding!

Jack Schuster W1WEF

You may recall that last April I wrote an article touting “Ape Tape” and I showed how it could be used to splice a rope. That was an April Fool's joke, but this is for real!

As a proactive measure I recently decided to replace a 150 ft length of 5/16 braided nylon rope that supports one end of my 80M dipole. One end of my dipole is supported by rope going over a pulley at 108 ft up my tower. The rope at the other end of the dipole goes over the top of a tall tree, with no pulley. The spring tension from the branches on top takes care of sway in the wind. Since the rope over the treetop had been up for about 6 years, I wanted to make sure there was no abraision on the rope that might bring the antenna down.

I've been using made in the USA “Sea Strand” 5/16 braided nylon from E Rigging on several antennas and have found it far better than the 3/16 polyester rope I used to buy from Home Depot. 500Ft of the braided nylon sells for a little over \$80. I've seen no problems from sunlight even though it's white but it may be available in black.

I first had to lower the dipole so I could reach the insulator where I cut the old rope. In order to pull the replacement rope up with the old rope, I had to tie the two ropes together but wanted to avoid a big knot that could get caught in the branches.

With the two rope ends butted together end to end, I first tied three mason line clove hitches in series on each rope. I then cut about a ten inch length of Gorilla tape and laid it lengthwise beside the two ropes. Next I wrapped the tape tightly around the ropes, making a flexible small diameter splice. Pulling on the two ropes as hard as I could, there was no way they would separate. In fact I don't think I needed the reinforcement of the mason line.



Before Taping



After Taping

I pulled the new rope over the treetop with the old rope, and then cut the new rope from the spool and attached it to the insulator. Since the rope is bigger in diameter than the hole in the insulator, I make a small loop of 1/8 in Phyllistran that goes thru the insulator, and then I tie the rope through the loop with a bowline. I always melt the end of nylon line to prevent unraveling.

Upon inspecting the old rope, it wasn't even necessary to replace it! There was almost no sign of abraision at all! Using this idea you could even get a rope splice to go through a pulley.

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ARRL Announces New England Director Election Results

The ARRL New England Division will have a new Directors on January 1. The results of this three-way contested elections for Director were announced on November 19, after ballots were tallied at ARRL Headquarters.

In the New England Division, incumbent Fred Hopengarten, K1VR, received 1,054 votes, past Director Tom Frenaye, K1KI, received 1,026 votes, and challenger Fred Kemmerer, AB1OC, received 1,147 votes. Mr. Kemmerer was declared the winner.

All newly elected officials take office at noon on January 1, 2022.

(Excerpted from ARLB027)

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DX Engineering Acquires Top Ten Devices, Inc.

DX Engineering announces that it has acquired Top Ten Devices, Inc. and will be manufacturing and distributing three of its signature devices under the Top Ten Devices brand—the A/B Station Selector, the Op Swapper, and the Band Aide Band Decoder.

Starting immediately, all customer inquiries regarding both new and previous purchases of the A/B Station Selector, the Op Swapper, and the Band Aide Band Decoder should be directed to DX Engineering.

Formed by Dave Hawes, N3RD, and George Cutsogeorge, W2VJN, in 1991, Top Ten Devices built a strong reputation for producing high-performance and affordable equipment for the amateur radio community.

“DX Engineering is excited for the opportunity to carry on the legacy that the innovators at Top Ten Devices have built over the past three decades,” said Tim Duffy, K3LR, DX Engineering CEO. “Hams around the globe have relied on the Op Swapper, A/B Station Selector, and Band Aide Band Decoder to stay competitive and get more enjoyment out of the hobby. Our team is dedicated to making sure they will continue to benefit from these devices, along with receiving the same high level of customer support.”

To read more details about the Band Aide Band Decoder, Op Swapper, and A/B Station Selector and to place your orders, visit [DXEngineering.com](https://www.dxeengineering.com). (excerpted from DXEngineering Press Release)

See <https://youtu.be/qzHAJXII4cc>

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Garry Hammond, VE3XN and John “Jack” Leahy, VE1ZZ (SK), appointed to the Canadian Amateur Radio Hall of Fame

For immediate release:

The Board of Trustees of the Canadian Amateur Radio Hall of Fame is pleased to announce that Garry Hammond, VE3XN and John “Jack” Leahy, VE1ZZ (SK), have been named to the Hall of Fame.

Radio Amateurs of Canada recognizes deserving Amateurs by appointments to the Canadian Amateur Radio Hall of Fame. The Constitution for the Hall specifies that the appointment as Member of the Hall is made for “outstanding achievement and excellence of the highest degree, for serious and sustained service to Amateur Radio in Canada, or to Amateur Radio at large”.

The Trustees of the Hall have interpreted the Constitution to mean that the person has performed significant service over many years to enhance the well-being of Amateur Radio.

Garry Hammond, VE3XN

Radio Amateurs of Canada and the Board of Trustees of CARHOF sincerely congratulate Garry Hammond, VE3XN, on his appointment to the Hall of Fame.

Garry Hammond, VE3XN, has been an Amateur Radio operator for over 55 years. His profession as a Geography Teacher stimulated a special interest in DXing and the pursuit of special prefixes, taking him to both the DXCC Honour Roll and the prefix Honour Roll.

It can be said that he is one of the best known Canadian Amateurs in the world. Operating as VE3GCO, VE3XN and VY0XN – and also using a vast variety of special prefixes – he has provided a truly massive level of activity on CW, SSB, RTTY and FT8. He has followed each QSO with a QSL and in return has built a huge collection of QSL cards. As well as confirming his own on-air activity he has served as QSL Manager for a number of major DXpeditions. The QSL card has been his hallmark.

Garry was the author of the “DX’ing with Hammond” column in The Canadian Amateur for 10 years. In addition to introducing readers to DXing, his column also extolled the enjoyment of QSL card collecting. He also edited the DX Newsletter “Long Skip” for the nationwide CanaDX organization. He has been a QSL card checker for many years for both the American Radio Relay League and CQ awards, and has also served as a QSL Manager and assisted the Ontario Incoming QSL Bureau.

Garry was granted a life membership in the Kitchener-Waterloo Amateur Radio Club (KWARC) in 2003 in recognition of his contributions to the club through mentoring, QSL card management, presentations (“Hamming with Hammond”), the QSL column in the club newsletter (Kilowatter) and tireless Field Day efforts, often turning in the highest score for the club. His communication skills motivate Amateurs to action.

John “Jack” William Leahy, VE1ZZ (SK)

Radio Amateurs of Canada and the Board of Trustees of CARHOF sincerely congratulate John “Jack” William Leahy, VE1ZZ (SK), on his appointment to the Hall of Fame. Sadly, Jack became a Silent Key on October 18, 2018 at age 85.

Jack Leahy, VE1ZZ, worked at Defence Research Establishment Atlantic (Department of National Defence) for 34 years. When he earned his Amateur Radio licence in 1948 he was the youngest person in Canada to do so. He made friends and contacts from around the world, many of whom visited him at Head Jeddore, Nova Scotia to see his extensive communication towers and system.

His love of Amateur Radio and lowband operation spanned 70 years and he was very well known and respected on-the-air, both for his longevity and his kind way.

Jack gave freely of his experiences and knowledge of lowband DXing and the aspects needed to achieve these feats and he has been described as “one of the finest Topband DXers ever to have lived”. He was recognized throughout the Amateur Radio world as a lowband ambassador for Canada. On 80 and 160 metres his was the premier lowband signal emanating from North America. His operating achievements are well documented in DXCC records at the American Radio Relay League.

It is not just the DX he worked, but how he did it and his attitude and kindness as a true Radio Amateur. He was very friendly to all callers and enjoyed ragchewing, but like most of the best LF DXers appeared to spend a lot of time listening, particularly if there was a new country around.

Jack's interests were not limited to only the 160 metre band and he enjoyed 80 metres and VLF experimentation as well. He loved to talk to anyone with an interest in Amateur Radio and was always eager to share stories and his vast knowledge on building better rigs and making radio contacts to difficult regions. He won numerous awards and certificates over the years, was featured in books, magazines and local television on his accomplishments in the Amateur Radio world.

Radio Amateurs of Canada and the Board of Trustees of CARHOF sincerely congratulate Garry Hammond, VE3XN and Jack Leahy, VE1ZZ (SK) on their appointments to the Hall of Fame.

A detailed account of their achievements will be presented in an upcoming edition of The Canadian Amateur magazine.

For more information on the Canadian Amateur Radio Hall of Fame please visit: <https://wp.rac.ca/carhof/>

Prepared by Frank Davis, VO1HP

Chair, Board of Trustees

Canadian Amateur Radio Hall of Fame |

Garry Hammond, VE3XN, et John « Jack » Leahy, VE1ZZ (SK), sont intronisés au Temple de la renommée de la radio amateur du Canada

Pour diffusion immédiate :

Le Conseil des fiduciaires du Temple de la renommée de la radio amateur du Canada a le plaisir d'annoncer que Garry Hammond, VE3XN et John « Jack » Leahy, VE1ZZ (SK), ont été intronisés au Temple de la renommée.

Radio Amateurs du Canada rend hommage aux amateurs méritants en les intronisant dans son Temple de la renommée. La Constitution du Temple indique clairement que l'attribution de cette distinction vise à rendre hommage aux personnes qui se sont signalées par « des réalisations hors du commun et par l'excellence de leurs activités, jusqu'au niveau le plus élevé qu'il soit possible d'atteindre, dans le cadre des services qu'elles ont rendus avec un sérieux et une constance exemplaires pour promouvoir la radio amateur au Canada, ou la radio amateur en général ».

Les fiduciaires du Temple ont, selon leur interprétation de la Constitution, considéré que les personnes dont le nom figure ci-dessus ont rendu d'éminents services, pendant de nombreuses années, en s'attachant à promouvoir la radio amateur.

Garry Hammond, VE3XN

Radio Amateurs du Canada et le Conseil des fiduciaires du Temple de la renommée adressent leurs félicitations les plus sincères à Garry Hammond, VE3XN, à l'occasion de son intronisation au Temple de la renommée.

Garry Hammond, VE3XN, est un opérateur radio amateur depuis plus de 55 ans. C'est dans le cadre de l'exercice de son métier (professeur de géographie) qu'il s'est découvert un intérêt tout particulier pour le DXing et la recherche de préfixes spéciaux, ce qui lui a valu de voir son nom inscrit au Palmarès DXCC et au Palmarès des chasseurs de préfixes.

On peut dire à juste titre qu'il est l'un des amateurs canadiens les plus connus à l'échelle mondiale. Utilisant les indicatifs VE3GCO, VE3XN et VY0XN, en plus d'une vaste gamme de préfixes spéciaux, il s'est distingué par un niveau d'activité vraiment exceptionnel en communiquant en morse, SSB, RTTY et FT8. Il a donné suite à chaque QSO en adressant un accusé de réception QSL, ce qui lui a permis de constituer une vaste collection de cartes QSL. Il a non seulement confirmé ainsi sa propre activité en ondes, mais a aussi assumé les fonctions de gérant des QSL en tant que participant à plusieurs DXpéditions importantes. La carte QSL est son signe distinctif.

Garry était l'auteur de la rubrique intitulée « DX'ing with Hammond », publiée dans The Canadian Amateur pendant 10 ans. Outre le fait qu'elle a servi à faire découvrir l'univers du DXing aux lecteurs, sa rubrique a montré à quel point il peut être gratifiant de collectionner des cartes QSL. Il a aussi été le rédacteur du bulletin de nouvelles DX « Long Skip », publié par l'organisation nationale CanaDX. Il a assumé pendant de nombreuses années les fonctions de vérificateur des cartes QSL pour l'American Radio Relay League et les prix CQ, a occupé le poste de gérant des QSL et a fourni son aide au Bureau des QSL entrantes de l'Ontario.

En 2003, Garry s'est vu décerner le titre de membre à vie du Kitchener-Waterloo Amateur Radio Club (KWARC), en reconnaissance des contributions qu'il a fournies à ce club sous la forme de services de mentorat, de gestion des cartes QSL, de présentation d'exposés (« Hamming with Hammond »), de la rédaction de la rubrique sur les QSL dans le bulletin de nouvelles de ce club (Kilowatter), et des efforts infatigables qu'il a déployés à l'occasion des journées sur le terrain, lorsqu'il a souvent obtenu le score le plus élevé de son club. Les compétences dont il fait preuve dans le domaine des communications motivent les amateurs à poursuivre leur action.

John « Jack » William Leahy, VE1ZZ (SK)

Radio Amateurs du Canada et le Conseil des fiduciaires du Temple de la renommée souhaitent rendre un vibrant hommage posthume à John « Jack » William Leahy, VE1ZZ (SK) dont le nom figure désormais dans la liste des membres qui ont été intronisés au Temple. Jack est décédé le 18 octobre 2018, à l'âge de 85 ans.

Jack Leahy, VE1ZZ, a travaillé pendant 34 ans au Centre de recherches pour la défense – Atlantique (ministère de la Défense nationale). Quand il a obtenu sa licence d'opérateur radio amateur en 1948, il était la personne la plus jeune du Canada à franchir ce cap. Il s'est fait des amis et des contacts disséminés dans le monde entier, et beaucoup d'entre eux lui ont rendu visite à Head Jeddore (Nouvelle-Écosse) pour voir l'impressionnante installation (pylônes, antennes et appareillages) qu'il avait mise en place.

Sa passion pour la radio amateur et les communications sur bande basse s'est entretenue pendant 70 ans, et il était très bien connu et hautement respecté par tous ceux qu'il côtoyait sur les ondes, tant pour sa longévité que pour son amabilité.

Jack a toujours donné généreusement accès à son expérience et à ses connaissances sur le DXing sur bande basse, ainsi que sur les aspects à prendre en compte pour obtenir des résultats comparables aux siens, et on a dit de lui qu'il était « l'un des DXistes les plus compétents sur bande haute qui aient jamais

vécu ». Partout dans le monde de la radio amateur, on a reconnu la valeur de sa contribution en tant « qu'ambassadeur de la bande basse » pour le Canada. Sur 80 et 160 mètres, c'est de chez-lui qu'émanaient les meilleurs signaux sur bande basse en provenance de l'Amérique du Nord. Les brillants résultats qu'il a accumulés en tant qu'opérateur sont largement documentés dans les archives du DXCC conservées au siège de l'American Radio Relay League.

Ce qui interpelle, ce n'est pas seulement les performances qu'il a accumulées dans le DX, mais c'est aussi la manière dont il s'y est pris pour y arriver, et son attitude et sa gentillesse en tant que radio-amateur authentique. Il était toujours très aimable dans ses rapports avec tous ses interlocuteurs et aimait passer du temps à « tchatcher », mais comme la plupart des meilleurs DXistes, il semblait consacrer une grande partie de son temps à l'écoute, en particulier si des signaux émanant d'un nouveau pays pouvaient être captés.

Les domaines d'intérêt de Jack ne se limitaient pas à la bande des 160 mètres, mais il prenait également plaisir à procéder à des expérimentations sur TBF. Il adorait bavarder avec quiconque s'intéressait à la radio amateur et était toujours prêt à partager des anecdotes et à transmettre aux autres ses vastes connaissances sur la construction de meilleurs matériels et l'établissement de contacts radio avec des régions difficiles à atteindre. Il a gagné de nombreux prix et certificats au fil des ans, et son nom a été mentionné dans des livres, des revues et des programmes de télévision locaux mettant en vedette les réalisations qu'il a accomplies dans le monde de la radio amateur.

Radio Amateurs du Canada et le Conseil des fiduciaires du Temple de la renommée adressent leurs sincères félicitations à Garry Hammond, VE3XN, et à Jack Leahy, VE1ZZ (SK) pour leur intronisation au Temple de la renommée.

Une description détaillée de leurs réalisations sera présentée dans un prochain numéro de la revue « The Canadian Amateur ».

Pour en savoir plus sur le Temple de la renommée de la radio amateur du Canada, veuillez consulter le site <https://wp.rac.ca/carhof/>.

Préparé par Frank Davis, VO1HP

Président, Conseil des fiduciaires

Temple de la renommée de la radio amateur du Canada |

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Canada

A Tribute to “Jack” Leahy – VE1ZZ

12/24/32 – 10/18/2018

By Jeff Briggs, VY2ZM

It was a sad day here in the Maritimes recently when I received an email from VE1ZZ's son, Carl Leahy, telling me of the passing of his Dad. For many of us who enjoy operating on the lowbands, Jack Leahy was almost a legend in terms of what his station was capable of achieving. VE1ZZ was not only a personal friend to many of us, he was probably one of the finest Topband Dx'ers ever to have lived. For many years Jack held the #2 position world in the Topband DXCC rankings. He finished his lengthy 160M career at 334 countries confirmed which is at position #6 in the current rankings. This is only a handful of entities below that necessary to have qualified for DXCC Honor Roll – single band 160M. His mild, unassuming manner was also the measure of the man. He would stop DX'ing and work anyone who called him - which says a lot as well. He was a special person and I have always admired him and what he managed to achieve in ham radio.

His legacy goes back to not long after Stewart Perry, W1BB, returned to 160M after the end of WWII - and was one of the strongest signals I have ever witnessed on Topband. His signal was almost a 'beacon' all over the world. EU stations used to say: "He is almost as loud when he calls in Asian pileups as the EU callers are over here"...and that says it all! On a personal note, Jack Leahy was principally responsible for my emigrating to Canada and was here at my home twice, once in 2002 and once in 2012. I last visited him and Opal (his XYL) in August of 2014 with Mike OE6MBG who wanted to meet Jack and see his QTH. When I finally had the time after building my house here on PEI to visit Jack in 2004, at first blush his location did not make much of an impression on me. What I saw had only a short triangular portion of land at the road in the Head of Jeddore, NE of Halifax - and the land rose rapidly behind his home. One initially wondered "How does he get out so well from here down at the road?"

The answer came shortly thereafter - Jack took me out behind the house - and we climbed that hill - up and up and up for something like a mile - it was a pizza slice in shape and very wide at the top of the hill in the woods - with only about 100 feet (if that) at the road-front side of the parcel.

Some distance up the hill was Jack's 160M 4sq array – which was made of Rohn 6 TV tower - this was sitting on 18 wheeler truck tires as base insulators. The towers were not tall - perhaps 55 feet or so and the rest of each radiator was wire - so it was really a WIRE inverted-L 4sq. Jack was the "ultimate scavenger" and his radials were all 1"-2" diameter pieces of HARDLINE!!! Hundreds of them all over the hillside I think he had a friend in CATV or at his local dump - but he got most of it for next to nothing he said. From that point of his land, he could reach around the hilltop on 160M to acquire a clear shot to EU and the South was wide open and to the SW was also clear looking over the water. Looking straight up the hill was probably blocked to some degree - but often this does not matter all that much on Topband.

The day I was there was shortly after Jack had managed to communicate across the pond on what I think was 600m – I may be wrong about the frequency - but the antenna he used to make the SLOW SLOW SPEED CW contact was something out of this world!

It started about 1/3 of the way up the hill - and ran all the way to the rear of the property to near the furthest reaches of his land - and this was a long, long, long walk to get there - through some land that I recall was swampy. It had to have been at least 3000 feet long. He was among the first to work across the pond with that antenna - just one of his many achievements.

Jack's More Recent Station - Inside

Jack's station was vintage and used a TS830 driving a HB amp to something around a KW DC input. Jack's operating table gave me a chuckle because there were only about 4 inches of space between the front panel of the radio and the edge of the table. Jack was a "leftie" and placed his paddle parallel to the front of the TS830 and did his best to keep his forearm on the table while he sent.



Jack's last years...

I last spoke with Jack in the summer of 2016. He told me he then had COPD and that his amp needed repairs and that his antennas were largely broken. I had heard him sparingly in 2015 and probably not at all in 2016 - and that explained why.

A Jack "Post-Mortem" Note

In order to honor his passing, the Boring, Oregon ARC has elected to rename the October Topband Distance Challenge (better known as the Stew Perry Distance Challenge) to what will now be known as the Pre-Stew TBDC – "Lowband Jack" event so Jack will not be forgotten – he thus will always be remembered for his 160M achievements! Website Links: For anyone interested, here are two website links which can be viewed to learn more about Jack.

Obituary: <https://www.arbormemorial.ca/atlandicdartmouth/obituaries/john-william-leahy/25367>

CTV January 1993 Video: https://www.youtube.com/watch?v=NK_wtMcRw-k

I will close now and stop reminiscing about Jack - but I think it is altogether fitting that we stop and pause a moment to remember this fine 160M operator and gentleman and what he achieved on a challenging band which many of us love to operate. He will always occupy a special place in our memories of Topband!

73 and thanks for the bandwidth.

JEFF K1ZM/VY2ZM

Email: K1ZM@aol.com

Log Submittal and Score Reporting (12/03/2021)

Ken Caruso, WO1N

Newer club members have asked for guidance on how to submit their logs after the contest is done. This procedure should get you there.

First some background. Virtually all contest sponsors have settled on using the Cabrillo standard for submitting logs. A good history of the development of the Cabrillo standard can be found here: <https://www.wwrf.org/cabrillo/>.

Then, passing log data between different ham programs, such as contest loggers (e.g. N1MM+) and general purpose logging/award tracking applications (e.g. DXLab Suite), has been made easier through the use of another standard, Amateur Data Interchange Format (ADIF). The ADIF standard can be found here: <https://www.adif.org/>. You will see cabrillo and ADIF referenced in the following procedure.

You will hear and/or see many references to 3830. The history behind this reference is in the days just as computer logging was being adopted we had a pretty good idea of our final scores at contest end. Many of us would, immediately after the contest finished, gather on or about 3830 KHz and read out our claimed scores. Someone would usually volunteer to transcribe everything and then post it on the CQ Contest reflector.

If you didn't get your score passed along there, you would post your score and write-up to the CQ Contest Reflector. Again, volunteers would transcribe the results into table form. As you might imagine, hundreds of man-hours were required to accomplish this.

Around 2002 Bruce Horn, WA7BNM created a website(<https://www.3830scores.com/>) that automated the collection and display of provisional results. It also can server as a personal repository of your scores over the years. This procedure outlines how to submit your scores to 383Scores. Keep in mind, this is not the official sponsor site.

Finally, for your score to count for the club competitions, you must spell out the full club name, E.G. Yankee Clipper Contest Club. Set it up this way in your contest logger general information config section so any output it creates will have the club name in the proper format.

Enough with the chatter, the following will be in more of a check list format.

Suggested Individual Procedure

The contest is done. This is a N1MM+ centric process:

Before exiting the contest logger:

- **Re-score contest**

Using Options found under the **File** tab of the N1MM+ contest logger:

- **Generate the Cabrillo File**
 - **File → Generate Cabrillo File**
 - Inspect the output to check to insure your class/power/category are correct.
 - Scan columns for consistency. If there are obvious typos these go back into your log, correct, re-score and then re-export.
 - Changing anything other than obvious typos can be a cause for disqualification
- **Export the ADIF**
 - **File → Export → Export ADIF to File**
 - Used for input into your favorite logging program, such as the DXLab Suite

- **Export the Score Summary**
 - **File → Export → Print Score Summary to File...**
 - Prints to a file for further editing

Using Options found under the **View** tab of the N1MM+ contest logger:

- **Export OffTimes**
 - **View → Off Times**
 - 3830scores and some sponsors want to know this
 - Usually >= 30 minutes
 - N1MM+ seems to have settled on >=60 minutes
 - This will give you an optimistic view on how much Butt-In-Chair time you achieved
 - This analysis can be saved to a file. Give it a descriptive name for future reference.
 - True operating time will be some union of off times and hours contacts were made in.
- **Export Runs**
 - **View → Runs**
 - If you were exclusively Search and Pounce (S&P), you can skip this
 - This analysis can be saved to a file. Give it a descriptive name for future reference.
- **Export MaxRates**
 - **View → Max Rates**
 - If you were exclusively S&P you can skip this
 - This analysis can be saved to a file, Give it a descriptive name for future reference.

Optionally, and for further in-depth analysis, the **Statistics** pull down (View → Statistics) offers many other views of your log such as:

- BandbyHour
- CallbyBand
- Etc.

At this point you should have a minimal set of files/data to complete the submittal process. Exit the Contest Logging Program. I like to gather these files up into a common directory for quick reference.

The Final Steps

- **Submit the cabrillofile to Contest Sponsor before the deadline**
 - Typically a max of 7 days from the **start** of the contest!
 - This is your actual contest entry.
 - Use the submittal method requested/required by the sponsor
 - Refer to the contest sponsor website
 - Many offer upload portals now
 - Otherwise send your log to the identified email address per the sponsors instructions.
- **Import ADIF into your preferred logging program**
 - Look for new band/countries
- **Notify the identified YCCC score keeper**
 - This step is elaborated on below
- **After the contest submittal deadline has passed, upload to LoTW / EQSL**

There are several methods to pass along your summary score to the designated score keeper. You could send the summary as a direct message to the scorekeeper, send to scores@yccc.org (editor's note: this has been unreliable), post the summary to the YCCC groups.io reflector and/or post on 3830Scores.com or all three if you want to be sure!

You have probably seen by now, many of us like to write stories to go along with the score. You can use the previously exported score summary as a working document to edit/compose these. Or you can use the soapbox area on 3830Scores.com submittal form.

Score summaries might include current station configuration (highly encouraged), comments describing contest highlights/lowlights, comments describing where station performed well and comments describing where station needs improvement and solar conditions. I usually include discussion about band conditions, significant runs and break strategies. Also, they are a good place to pass along any funny moments that might have happened during the contest. Finally, we all love reading about any visits by Murphy you may have experienced.

Posting your score and story to 3830Scores is easy:

- <https://www.3830scores.com>
- The current contest can be found on the left side of the page, click on the link
- Fill in the operator info
- Have your Score Summary open alongside the web page
- Enter your band breakdowns
- Cut and past the story you wrote into the soapbox window

3830Scores is also useful for the club score keeper in looking at overall submittal progress, identifying all operators in Multis and offers tabular format to facilitate the summary generation. Every bit of detail helps.

Personally, I have found the biggest beneficiary of writing these stories is myself. They are super useful when preparing for next running of the same contest. In the recent CQWW CW running I had a couple of the past summaries printed out and was referring to them as the contest evolved. For awhile it looked like 2021 was going to be a duplicate of 2020 but by halfway through I could see that it could be much better if I could have managed to keep my Butt-In-Chair (BIC). Often times that is the biggest challenge!

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RAW SCORES FOR THE 2021 CQ WW SSB AND CW CONTESTS ARE ONLINE

SSB <https://cqww.com/raw.htm>

CW <https://cqww.com/raw.htm?mode=cw>

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Encouraging Contest Write-ups and 3830Scores Use

Ken Caruso – WO1N

My recent pleas to all of you to utilize 3830Scores.com to get your scores posted fell largely on deaf ears. We saw 68% utilization for the 2020 CQWW events. We are at 66% for 2021. I proposed an initiative to address this to the executive board and they have agreed on its implementation.

The initiative works like this, I will select 5 or 6 3830 posts by YCCC members at the conclusion of each of the majors and present to the executive board. Board members will consider the **Effort, Perseverance** and **Determination** of the station owner/operator and/or guest ops that the write up conveys and cast their choice accordingly.

The President is not eligible for the award. A winner can win only once per contest season (i.e. CQWW and ARRL DX combined entries). The President has discretion in the case of ties. There will be one winner per each of the 4 majors. The winning entries get published in the newsletter and will be awarded a \$25 gift certificate from DX Engineering or HRO.

For the 2021 CQWW SSB, these were the following candidates:

W1DYJ@W1DYJ: <https://groups.io/g/yccc/message/65556>

WB1DX@WB1DX: <https://groups.io/g/yccc/message/65526>

NN1C@ZF1A: <https://groups.io/g/yccc/message/65520>

K1RX@K1RX: <https://groups.io/g/yccc/message/65489>

KQ2M@KQ2M: <https://groups.io/g/yccc/message/65484>

W1JQ@W1JQ: <https://groups.io/g/yccc/message/65479>

For the 2021 CQWW CW, these were the following candidates:

N1MM@W1TJL: <https://groups.io/g/yccc/message/66035>

K1EJ@K1IR: <https://groups.io/g/yccc/message/66024>

NN1SS@NN1SS: <https://groups.io/g/yccc/message/65999>

KA1IS@KA1IS: <https://groups.io/g/yccc/message/65979>

KQ2M@KQ2M: <https://groups.io/g/yccc/message/65971>

W1VKE@W1VKE: <https://groups.io/g/yccc/message/65948>

And the winners are:

Bob - KQ2M for his SSB effort and write-up

Tom - KA1IS for his CW effort and write-up

Congratulations, gentlemen!

The winning SSB entry:

CQ Worldwide DX Contest, SSB - 2021

Call: KQ2M

Operator(s): KQ2M

Station: KQ2M

Class: SO AB HP NON-Assisted

QTH: CT

Operating Time (hrs): 41.7

Club: Yankee Clipper Contest Club

KQ2M - CQWDX-SSB 2021 – SO AB HP NON-ASSISTED			
Band	QSOs	Zones	Countries
160	29	9	24
80	441	15	65
40	394	22	75
20	1539	38	112
15	1593	29	97
10	686	21	73
Total	4682	134	446
Total Score = 7,622,360			

This is NOT what I was expecting this weekend LOL! I'm still in shock at the qso total considering this is one year up from the bottom of the cycle and we had an X1 flare! I have never made this many qso's before SOABHP NON-assisted from the US! With another 2 hours of 10 meter propagation I would have easily broken 5,000 qso's!

I had been watching 10 carefully on the second radio on Sunday and when 15 suddenly re-opened to Russia with REALLY loud signals, I suspected that 10 might "Blow". I got my run-freq. just before it EXPLODED!

There was the opening and then 10 minutes later the "Super" opening - like someone just turned the volume switch all the way to the right!

WOW!

It felt like I was back in the Caribbean a few decades ago with a few hundred stations calling me in an incredible pileup!

CT said the 10 minute peak rate was in the 430's (twice!) and somewhere around a full 270 hour!

It was surreal as the entire time I was out breath and light headed because I had been having heart arrhythmias all day and it was really hard to concentrate.

All the weeks of hard work on the station paid off. I could see the difference in performance. Even better, I learned some new operating strategies this weekend and re-learned some old ones - this was my first semi-competitive CQWW SSB in 15+ years and I'm pleased with how it went.

73 and tnx for the q's and mults!

Bob, KQ2M

The winning CW entry:

CQ Worldwide DX Contest, CW - 2021

Call: KA1IS

Operator(s): KA1IS

Station: KA1IS

Class: SOAB HP

QTH: ME

Operating Time (hrs): 40

Location: USA

Club: Yankee Clipper Contest Club

KA1IS - CQWDX-CW 2021 – SO AB HP			
Band	QSOs	Zones	Countries
160	83	13	37
80	571	22	69
40	953	27	84
20	881	24	76
15	735	18	75
10	47	13	23
Total	3270	117	364
Total Score: 4,528,134			

Comments:

Another field operation from Witt Hill, Norway, Maine.

This is probably double the number of QSO's for me, ever, in a contest. Didn't have any plan, it just turned out like that.

Built new antennas for 10 meters, but then it didn't open much. The lazy-H and extended Zepp seemed good, but not the distorted delta loop beam made from rope.

Blizzard conditions on Friday night, with some icing. The 160 meter inverted-L wire broke - but both ends of the break were on the ground so I just taped them up and tied the wire to the base of a pine tree with some tension. Kind of a zig-zag sloper but it worked.

Also having intermittent stray RF in the tent that was dropping the keyer. I found some ferrites, but will need to research further because RF exposure is probably the cause and apparently bad for us humans.

The running was so good (at least at my rate) that I forgot about the generator and it ran out of gas during a QSO. Sorry about that.

Antennas, mostly wire beams - see QRZ page.

Tom

KA1IS

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additional comments...

The power of the Wouff-Hong:

Thursday afternoon I slipped on some mud on a steep hill and landed hard on my tail-bone. I was carrying a plastic container (with the antenna launcher) that I dropped and it shattered on impact. Was surprised I even got up. Basically wrote-off the contest. But when I woke up Friday morning, it was like nothing ever happened. Some kind of miracle. This only happens to cats.

Senator Blumenthal Supports Amateur Radio at Senate Confirmation Hearing

Senator Richard Blumenthal (CT) received an affirmative reply from FCC Chairwoman Jessica Rosenworcel when he asked her to commit to providing his office "an update on the steps that the FCC is taking to support amateur radio operators." The Senator posed the written question as part of Rosenworcel's renomination hearing conducted by the Senate Commerce, Science, and Transportation Committee.

Blumenthal took note specifically that "Radio amateurs voluntarily provide an array of public services, especially emergency and disaster-related support communications when infrastructure has been destroyed by a hurricane or similar disaster. Their contributions in this area are regularly recognized by local and state authorities."

"ARRL is grateful to Senator Blumenthal for his support and recognition of radio amateurs," said ARRL President Rick Roderick, K5UR. Blumenthal has previously co-sponsored legislation supporting amateur radio, and his staff was recently briefed by ARRL on pending amateur radio matters at the FCC. Roderick added, "We need the partnership of the FCC and Congress to ensure our rules and spectrum continue to support the march of technological innovation in our vibrant Amateur Radio Service."

Multiple proceedings to update or change the FCC's amateur Part 97 rules to account for changes in technology and operating practices have been languishing at the FCC, some going back five or more years. ARRL is hopeful that these will be addressed soon.

The Senate Committee approved Rosenworcel's renomination with a bi-partisan vote on December 1, 2021. She has served on the FCC since 2012, and the Committee's vote to approve her nomination for an additional term sends it to the full Senate for final consideration.

(From ARLB029)

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With the Crew

Jack, W1WEF - Thought I'd put in a plug for the Antique Wireless Museum in Windsor Ct where I had a really enjoyable few hours on Saturday. I was there because in a QSO with AJ1G a week or so earlier, Chris asked if I was going to see the replica of the transmitter used for the first Ham Radio QSO across the pond. between 1BCG in Greenwich Ct and Androssen, Scotland. Later that evening after I was already home, I copied two transmissions from that chirpy unstable transmitter that was heard across the pond again before an RF choke failed. It made you feel the historical moment 100 years earlier.

Anyway, I can;t wait to return for a tour of the museum with a docent. It's not all ham radio but I saw my S40B and HRO5 once again that I used almost 70 years ago, and a lot of other nostalgia from the early days of audio recording by Edison, radio from the likes of Tuska, the earliest TV, and much more. Although the museum is half an hour away, I hadn't been there in 30 years and it has much more in a new location and I highly recommend it to anyone.

I didn't realize that the museum had moved since my last visit and I had a hard time finding it so I would be sure to get good directions or use WAZE, and be sure there will be a docent the day you are going.

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ROHN 25 TOWER LEG ALIGNMENT TIPS

Dave Olean K1WHS November, 2021

I have been a ham since 1962. I installed my first tower, a 71 ft crank-up, in about 1965. My next tower consisted of Rohn 25 ten ft sections that went up in the early 1970's. Since then, I have used all sorts of the Rohn 10 ft sections, be it Rohn 25, 45, or 55. The one constant, that rears its' head each time a new tower goes up is that those new sections that you just hauled up will not slide over the three legs of the last section in place. It never fails. The obvious choice, then, is to rotate the legs and see if it will fit another way. If that fails, the next tool is usually a big hammer.

There are tower assist products available, such as the "Rohn Tower Jack". It allows for slight "persuading" of tower legs to line up when you are trying to mate 10 ft sections. It works great. The only down side is that it costs \$260! Being a frugal type, I needed to straighten some sections and devised another way to align the sections. I had a pile of used Rohn 25 sections obtained from who knows where. I am sure they were all part of a good tower somewhere, and then taken down. The problem is that the tower legs can get bent slightly out of position when the sections are taken apart. Uneven forces applied to remove stuck sections will do that! I have seen the same problem with new sections that have to endure truck shipment. It is very easy for a load to shift in the truck, or have something ding the tower to slightly move the leg position. The worst place to find this problem is when you are up in the air trying to fit two sections together. My plan with my pile of used Rohn 25 sections, was to adjust each tower section so that all of the sections would mate properly before they got installed. To accomplish this, I needed a standard section, a bottle jack, and one long furniture gluing clamp. I had all of these items available.

Rohn 25 sections are 11.25" center to center for each tower leg. Use a tape measure and find a known good section that will become your "template. I used a new tower base as my template. In all cases make sure it is correct at 11.25" C to C!! Your first task is to identify the problem legs. It is usually only one of the three legs. Use your template to identify the bad ones and mark them. I used blue painter's tape on the bad leg. The idea is to use the bottle jack to spread the distance between the legs, and the furniture clamp to decrease the distance between legs. Be careful, as the steel legs are not all that rugged, and you can easily cause trouble by applying too much force.



In the first picture, you can see the bottle jack in place. You are pushing apart two legs, so the plan is to have one of those legs stay stationary and hope that only the out of tolerance leg moves. The way to do this is to insert some extra metal pipe into the tower leg that you want to remain stationary. The metal installed there will keep it from bending or moving. I used some $\frac{3}{4}$ " water pipe with a tool steel solid shaft inside that to provide the stability. Shove that pipe down a foot or so into the end of the section. This will stabilize that leg. Now place the bottle jack against that stabilized leg and crank the jack and watch the offending leg start to move. Push it only slightly past 11.25" and then remove the force and check to see if the leg moved. Take small steps while you gain experience on exactly how much force you need! I was surprised at how little effort was needed to move the leg!



If you need to move the smaller swaged end of the tower leg, you will need a slightly smaller tubing shim to go inside of the swaged steel leg piece. A $\frac{7}{8}$ " OD piece of tubing will work. A combination of some scrap aluminum tube with some steel inside of that should work well. Just be sure that it extends well down the tower leg inside so as to keep the swaged end stable enough not to bend when force is applied.

The same procedure is involved with the furniture clamp for shrinking the leg dimensions. Place the clamp on the outside edge of the two legs. The same things apply. You want to stabilize the good leg with a steel pipe insert, so that only the bent leg will move. Once you have the clamp in place, start cranking to shrink the distance and watch the leg move slightly. Only go a small distance past the proper 11.25" and then remove the force and see how well it moved. If you need to go farther, crank it up again and add a little more clamping force. The trick is to go in small steps, and make sure that you have stabilized the good tower leg with a steel insert. Pretty soon, you will be fixing things up in rapid fashion.

After tweaking each section and making sure that they all insert properly into your standard section, it is a good idea to mark the ends that you have tested. I used a dab of red paint to show what ends had been done and what section ends were still in need of persuasion.



This alignment technique is a good one for when you are buying (or given) used Rohn 25 sections. I believe that it is smart to check all the sections before tower assembly day. This avoids troublesome delays. Installing a tower is time consuming, and any speed up in that process is very welcome. There are many other helpful techniques around for installing tower sections. Putting a bit of grease inside each leg seems to be good and allows for easier removal a few years down the road. A little bit of lubricant eases the fitting of those sections as well. Having all the sections fit “like buttah!” is a great way to spend the day. It also assures that the climbers on the tower can complete their work rapidly, and get back down before the ground crew drinks all the beer!

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YCCC CLUB RESOURCE INFORMATION

DUES AND MEMBERSHIP STUFF Dues for the year are payable as of January 1st. The YCCC has adopted a multi-tiered membership format as follows: Please note that payment of dues IS NOT a prerequisite for contributing scores to the Club aggregate, but IS for the various YCCC Awards Programs

Full Member - \$15/yr (Eligible for YCCC member benefits and electronic "Ebutt" delivery of Club newsletter)

Full Member - \$30/yr (Eligible for YCCC member benefits and paper delivery of Club newsletter)

Family Member - \$0 (Grants full membership to all amateurs residing at one domicile on payment of one member's "Full Member" annual dues and entitlement to one Club Newsletter sent to one domicile or email address. All members of said family are eligible for YCCC member benefits.)

Student Member - \$10 (Grants full membership to students at a reduced level. Eligible for YCCC awards programs and paper or electronic delivery of the Club Newsletter.)

Subscription - \$** (A "supportive friend of YCCC" - not a member but a possible candidate for future membership. Only receives club newsletter in paper or electronic form. \$10 for electronic "Ebutt" delivery domestically or overseas or \$25 for domestic paper delivery.)

Club members who move out of club territory and so are not eligible to contribute to club aggregate scores can continue to participate in the Club's e-mail reflector and receive the electronic "Ebutt" delivery of newsletter at no cost.

You can tell if you owe dues by checking your 'Butt mailing label or the Club roster in the Members Only section of the website. **Mail your dues to the club treasurer, Chet Slabinski, N8RA, 200 Mount Parnassus Rd, East Haddam, CT 06423.**

SCUTTLEBUTT ARTICLES should be sent to the Scuttlebutt editor, Steve Rodowicz N1SR, by E-mail at n1sr@arri.net. The deadline for each issue is the 10th of the preceding month..

Scuttlebutt Advertising: Nominal Business Card sized ad, \$50 per year (6 appearances)

CONTEST SCORES should be sent to the club scorekeeper, Alec Berman, W2JU, preferably by E-mail at scores@yccc.org. Please include details such as numbers of QSOs, QSO points (if appropriate), and multipliers (all types); entry category; and power.

CLUB GOODIES

BADGES YCCC badges are available from Tony, K1KP. Send \$3, name and call desired on the badge, and your mailing address to Tony.

APPAREL Contact Richie, W1STT. Email: richd1313@aol.com

YCCC LOGO ITEMS <http://www.cafepress.com/n1ik>

QSL CARDS are ordered through Tom, W1TO. To order, complete the QSL form from the YCCC website, send it to W1TO who will verify all information is included and send to UX5UO after resolving any issues. You will receive a proof copy directly from UX5UO. Approve the proof after resolving any issues with UX5UO. Email acceptance to UX5UO with copy to W1TO. Current price is \$45/thousand (matte) and \$49/thousand heavy matte. Payment to UX5UO representative, KD4POJ at Mr David Lipscomb, KD4POJ, 4201 13th Street NE, Minot, ND, 58703. eMail: kd4poj@srt.com

MEMBERSHIP ROSTER is posed on the YCCC website. Updates are published in 'Movers and Shakers' when members move or change call signs.

COMPUTER STUFF INTERNET REFLECTOR There is an Internet mailing list for YCCC members. To subscribe, go to <https://groups.io/g/yccc/join> and enter your email address.

WWW HOME PAGE Come visit us at <http://www.yccc.org> Our Webmaster is Mike Gilmer, N2MG.

QSL BUREAU – The W1 QSL BUREAU is sponsored by the YCCC. For more information at: www.w1qsl.org
Address: W1 QSL Bureau, PO Box 73, Marlborough, MA 01752-0073. Email address: w1qsl@w1qsl.org

ARRL COMMITTEE REPS are:

CAC: New England Dennis Egan, W1UE	Hudson Zev Darack, N2WKS	Atlantic Charles D Fulp Jr, K3WW
DXAC: New England Bob Beaudet, W1YRC	Hudson Saul Abrams, K2XA	Atlantic Chris Shalvoy, K2CS
ARRL LIAISON: Bart J. Jahnke, W9JJ	Hudson Frederick Lass, K2TR	Atlantic Joe Taylor, K1JT
