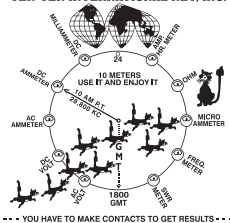


TEN-TEN INTERNATIONAL NET, INC.



TEN-TEN INTERNATIONAL **NEWS**

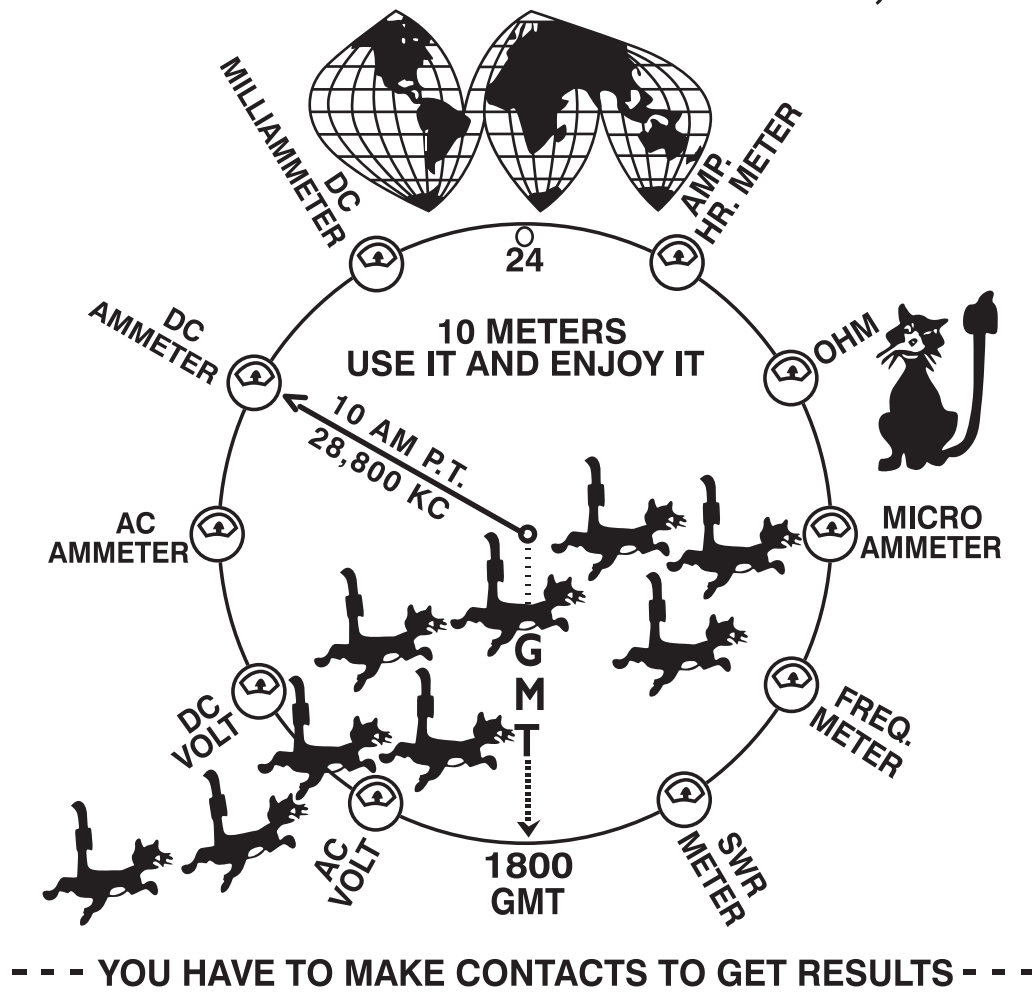


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News items should be sent to the Editor. Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted must be typed, and sent on computer disk or E-mail. Suitable formats will be provided upon request.

Photographs are encouraged. Black and White or Color are acceptable. Include complete information on the back of each photo. Attach a label or other suitable paper to the back of the photo and write all information on the label, not the photo. If sending digital images, high resolution of a minimum 300 dpi must be used. Please do not send newspaper or digitally printed photos as they cannot be used.

DEADLINE FOR NEXT ISSUE: 1 June 2020

PLEASE MAIL ALL ARTICLES AND PHOTOS TO:

EDITOR Ten-Ten News

E-mail: editor@ten-ten.org

10-10 CHAPTER ACTIVITY REPORTS: Should be sent to the Chapter Coordinator

ADDRESS CHANGES: All members should send address changes to the Data Manager

NOTE: 10-10 IS NOT RESPONSIBLE FOR POSTAL SERVICE DIFFICULTIES

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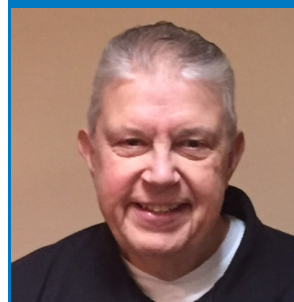
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From the Editor

Randy Mather, AJ7B
 (#7675)

I am writing this column around Mid March. As you can expect, COVID-19 (Coronavirus) is top of mind right now. And yes, I live in Washington state, now second behind New York on the COVID-19 cases list within the USA. Used to be no. 1! One of those times when you DON'T want to be no. 1. As my XYL and I live out in an unincorporated area of Washington, we are pretty well isolated. Just need to be careful when we go into town to buy food.

Not unexpected to all reading this, but my ham club just canceled the March board and club meeting. And as I am a VE liaison, I had to cancel the March Amateur Radio test session as well. My club is trying out ideas of how to hold meetings via the club's repeater. We are also looking at using the time that would be used for a club meeting as a way of having a club net to see who can reach the repeater. Good information to know for future reference in a real emergency. That's not to say that this virus hasn't put us all into an emergency situation. It's just not one where we have had to resort to using our radios as a necessary mode of communications. We are also entertaining the idea of networking via HF. Again, to get an idea of who in our club can and can't make a connection via HF.

I am also a member of the Snohomish County Department of Emergency Management as a volunteer in the Auxiliary Communications Service. Although they have not sent out an alert to activate, the hams in this service have been offering to help move testing supplies around as needed. Just another way hams can help in this emergency situation.

I want to draw your attention to the officer and director positions on the board that need filling. Please read the "Election 2020" article and the "Call for Nominations" page later in this newsletter. Keeping this organization going requires good leadership and the Board of Directors is where that leadership needs to be.

There is a reprint of an antenna article that L. B. Cebik did on a simple QUAD antenna. As a supplement to that article, Terry N0TW, did an article that revisits this design to update it with construction ideas he used when he put his QUAD together. If a QUAD is something you are interested in, I suggest you give both articles a read.

I hope all is well with you and hope to meet you on the air.

Randy - AJ7B



From the President

Mel Sojka KD5DE
#33513

UPPER-LEVEL QRM

Wow! The first official Ten-Ten hamfest for 2020 was a real success. This year's Orlando Hamcation is most likely one for the record books. Thanks to the extra effort made by Director Hemby (WN4AMO #73825), we completed 37 renewals and gained seven new members. It was so busy Saturday afternoon that Vice President Malone (WA3GM #46927) assisted in qualifying a new member. The limited booth space made it difficult for three to work in the booth. We may consider a two-member team in 2021. This would mean that those doing booth duty can only leave the booth for short periods and therefore not be able to roam around the site. This would put a bit of a damper on the normal hamfest activities, but it would keep the toy expenditures down. At the time of this printing, the Dayton Hamvention has been cancelled. Hopefully, the current pandemic will not prevent the Texas Hamcom scheduled for June 12-13 in Plano Texas.

It appears that the lack of activity affects our volunteers. The policy has always been that a person's Ten-Ten membership must be current to be a volunteer for any position. It is not a pleasant task to remove someone from a position due to delinquent dues. This action can also cause awards to be at risk. Several committees are in need and possibly an Award needs a manager. It's easy to complain about issues, but are you willing to help resolve them? Let me know if you want to volunteer and I will find you a place to serve.

Often an award is established and later it becomes obsolete. This task makes the office of President more a burden than a blessing. In these matters, the Board of Directors becomes a valuable source of advice and leadership. To remove an award or program may create a ripple downstream that is harmful to the overall organization. Therefore, many studies and thoughts precede this type of action. Each one of our Directors is responsible for a specific program within the organization. These areas include daily nets, chapters, awards, QSO parties, publicity, and publications. Since this is an election year, three of these positions are affected by the election process. Several of our current Directors, like so many of our volunteers, are getting a bit old and have been in office for many terms. Some officials may desire to retire. If you have been a current member for at least 4 years and will remain current for your desired term of office, please consider running for one of the available positions.

Chapters and local nets are two of my priority issues. Back in 1980, I became interested in a local 10-10 chapter. I did some research and found that even though the chapter had closed in 1975, all the records were still available and the certificate manager was still active. I contacted Connie (K6EXQ) and she sent me a chapter application form and informed me that there would be no problem reactivating the chapter. I located seven local 10-10 paid-up members and began to hold a net on Thursday evening on 28.585 at 7 PM local. K6EXQ approved my application and we created an awards program to accompany our very attractive certificate. We kicked off the official restart on August 15, 1985 after two weeks of qualification nets. We retained the original membership of 356. By 2002, we had 1,394 members. I had some personal issues and had to pass the certificate manager position to another. A few years later I came back with a revised program and a net on Saturday Morning to encourage DX participation. Of course, this all changed when the band died. In August 2018, we restarted the Thursday night net. We now have 18 new local members and with a local group of over 100. We do not depend on 10 meters to keep the chapter alive. Now, with 1,692 members and a strong local group, we are ready for the band to come back. The only problem I am having now is getting the locals to take part in the QSO parties.

The common problem is 'easy to use QSO party software'. KB0ON and I both wrote easy to use DOS programs back in the day, but Don is now an SK and the DOS program is not readily available. Of course, I have lost the source code long ago.

When we had over 125 active chapters one could easily get a surprise finding signals on 10 meters. Now we are down to around 39 and finding local nets is not quite as easy. You don't need a certificate or a points program. Just find seven current members and start a chapter. You begin holding local nets and eventually activity will be at your doorstep. The application form is on line and KA0ZPP will be happy to get you started.

Since our mission is to keep the 10-meter band for amateur use, we cannot be negative about the modes used on the band. Some modes are not easy to use in the passing of 10-10 information that makes a 10-meter contact qualify for a 10-10 award or QSO party contact. However, our mission is not to make 10-10 contacts is it. The primary objective is to promote activity on 10 meters.

When propagation returns, there will be those that will set up WSPR to generate band activity. Many will make FT8 contacts for the sole purpose of making a contact. Of course, the beacons have always promoted and encouraged activity. It's a big world and just because a specific mode is not for you, doesn't mean it's bad. Hard to explain why there is excitement about the possibility of the beginning of solar cycle 25. Some are predicting that the cycle will have started by the time you read this article. One can only hope.

God Bless & 73

Mel KD5DE #33513

77,777th 10-10 Member

Just recently, number 77777 was issued to a new 10-10 member: Jaymee Gardner (KI5AFJ). Jaymee sent in the following information for the newsletter.



My name is Jaymee Gardner. I have only been a Ham for about 2 years, but radio has been a part of my life since I was born. My Dad (KD6CUB #73718) has been a Ham for over 25 years and my Sister Gabby (KF5EAK #77114), over 10 years. Dad always had a radio around us kids and let us talk. My voice (from when I was little) is the IDer on Dads repeater in El Paso.

I joined the Navy in early 2019, went through boot camp, A school, and C school. After graduating from C school, I was given leave and flew home to spend time with my Dad. All the local El Paso hams knew I would be home and made arrangements to be on the air the night of the 10 bar X net so I could make all the contacts needed for my own 10 10 #. It was a lot of fun and was nice to talk to all the Hams I grew up around. The rest of the week, dad and I spent time together until I had to return to my new duty station, which is on the east coast, a long way from home.

Sincerely, Jaymee

NEW LIFE MEMBERS

| | | | |
|-------|--------|---------------------|----|
| 02124 | W4HA | Steven F Butler | FL |
| 07156 | K5LOL | Thomas Yenny | TX |
| 07882 | WA3ELQ | Ralph L Abbott | PA |
| 31771 | WB2ONA | Warren Whelan | NJ |
| 62885 | AC8W | Stanley K Arnett II | MI |
| 64079 | N9NTC | Mike L Blake | WI |
| 68950 | N3YEA | Jeffrey D Leach | PA |
| 71755 | KC5PSQ | John F Brenner | TX |
| 73765 | KA8Q | Jerry R Redding | VA |
| 76248 | W7JSD | Sid Downey | AZ |

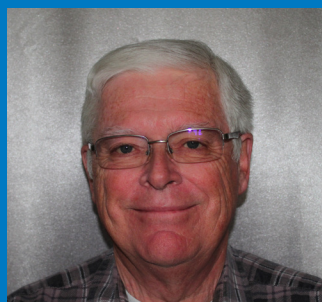
10-10 NET CONTROL STATIONS

ALL NETS BEGIN AT 1800Z

| | | | |
|---------------|----------------------------------|--------|----|
| Mon (28.380) | Alan, WB9WZI | #76209 | IL |
| Mon (28.800) | Doc, WB6OJB | #70675 | CA |
| Tues (28.380) | Ray, K7CWS | #50288 | AZ |
| Tues (28.800) | Mike, KF4WKY | #70191 | NC |
| Wed (28.380) | Bob, N6OPR | #45715 | AZ |
| Wed (28.800) | Louise, N6ELK | #36654 | CA |
| Thu (28.380) | Bob, N6OPR | #45715 | AZ |
| Thu (28.800) | Robert, KQ4PK | #63201 | NC |
| Fri (28.380) | Terry N0TW | #36547 | FL |
| Fri (28.800) | Tim, K1IEB | #74965 | AZ |
| Sat (28.380) | Mike, KF4WKY | #70191 | NC |
| Sat (28.800) | Open. Contact Bob N6OPR for info | | |
| Alternate | Bob, K6DNR | #75386 | CA |
| Sunday | NEVER ON SUNDAY | | |

2020 Hamfest Schedule

| | | | |
|--------------------------------|----------|-----------|------|
| Ham-Com - Plano, TX | June | 12-13, | 2020 |
| Hamfest - Friedrichshafen, Ger | June | 26-28, | 2020 |
| Hamfest - Shreveport, LA | August | TBD, | 2020 |
| Hamfest - Hunsville, AL | August | 15-16, | 2020 |
| Stone Mtn - Lawrenceville, GA | November | TBD, 2020 | |



Chapter Coordinator

Jim Fox, KA0ZPP
(#43428)

GENERAL NEWS

- 1) **All CH/CM:** Please double check the TEN-TEN Net Guide to be sure your net(s) are listed correctly. If there are changes, be sure to let me know so I can update the list.
- 2) If your chapter is planning a special during the months of July, August or September, please let me know before June 1st so I can include the details in the July newsletter.
- 3) Reminder of Quarterly Reports Due: **In Extremis** (no report in over a year): Channel Islands. **Past Due** (no report received during the prior quarters when due): Aloha, Gold City, New Mexico Mud Ducks, Tango. Reports received after February 29 (date of this report) are not included here and will be acknowledged in the Chapters section of the 10-10 website.

Chapter Reports **Due during second quarter:** Cradle of the Confederacy (Jun), Major League Baseball (Apr), Sky Blue Waters/Tin Lizzie (May), Twin Cities (May), Up The Crick (Apr). Note that Quarterly Chapter Reports may be sent any time. The months indicated here are the dates in 2019 in which the last report was received.
- 4) I thank **ALL CH/CM** who sent me a **complete report** during 2019 so I have up to date contact and net information. Other chapters, please send me a complete report in 2020. See www.ten-ten.org/index.php/resources/ten-ten-documents/ten-ten-forms for a form to download or www.ten-ten.org/chapters/quarterly-report to fill out and submit electronically. Be sure to notify IT Manager Jeff, N7YG, before using this easy-to-use form so he can add you to the Chapter Management Group.
- 5) Poor propagation in recent years has certainly affected Chapter Net activity. If any of you have ideas on ways to increase participation in our Chapters, please contact me at the address given below. One of the primary purposes of Ten-Ten International is to promote activity on this band, especially in such times as these. I welcome your input.
- 6) A few CH have indicated that they intend to try announcing their 10m net on a local 2m net. This follows the suggestion made by President Sojka, KD5DE,

in the April, 2019 issue. Please let me know the success or failure of any such activity so I can pass it along to others. Thanks. (To date, I have received no reports of these attempts.)

CHAPTER NEWS

- 1) Having received no communication from them since their original application in 2017, **South Central Illinois Ten Meter Club** is declared **Disaffiliated**. I do not know if their net continues to operate.
 - 2) On or about May 26, 2020, **Gateway Chapter**, established June 14, 1972, will be celebrating their 2,500th net. A celebratory dinner with XYs will be held and certificates celebrating the milestone net will be issued to all active 10-10 Gateway Chapter members.
 - 3) Chapters below accept email upgrades as of February 29. All the listed chapters generally need previous, new and total points and seals claimed. Any transaction with the CM that requires that a certificate be issued, and most worksheet specials, should still be handled via US Mail. Also, it is good practice to keep a detailed listing of the upgrade in the event that the CM should require verification. Requirements peculiar to a particular chapter are noted.
(** indicates change)
- Alii – CM WH6S, wh6s@outlook.com. Use form available from the CM.
 Bauxite – CM K5BKT, k5bkt@nwla.com. Bauxite and Arkansas Visitor numbers only.
 Bay Area – CM K6RDK, k6rdk@arri.net
 Branding Iron – CM DL6DK, bic-cm@voits.de
 Castle Craig – CM N1API, n1api@cox.net
 Chesapeake Bay – CM N3TGB, n3tgb@aol.com
 Colorado Centennial/Colorado Frontier Gang – CM WB0CON, wb0con@comcast.net
 Cradle of the Confederacy – CM K4PO, pcsalley@gmail.com
 Down Under – CM ZL1AFU, zl1afu@nzart.org.nz
 Fort McHenry/Cornerstone/Yodar Kritch – CM K3TUU, k3tuj@juno.com
 Gold City – CM K4QHH, rabisch@hotmail.com
 Hanse – CM DL5HAN, dl5han@t-online.de
 Houston S.H.O.T – CM N5MT, n5mt@aol.com
 Louisiana Pelican – CM N5MT, n5mt@aol.com
 Major League Baseball – CM N6OPR, n6opr@msn.com
 Neanderthal – CM PA2NJ, cm.neanderthal@online.de

New Mexico Mud Ducks – CM KM5EH, buckml@lobo.net

North Georgia – CM W4GKF, 10X@chazcone.com

Oregon Trail– CH/CM K7QXG, k7qxg2@gmail

Sky Blue Waters/Tin Lizzie – CM KA0ZIA, sbwtl1010@gmail.com

Speedway – CM W7CAR, w7car@arri.net

Steamboat Plus – CM KD5DE, kd5de@nwla.com

Twin Cities – CM K0DBK, kzerodbk@gmail.com

If any chapter not listed accepts email upgrades or if the email listed has changed, please let me know so I can update the list. Thanks.

Jim Fox, KA0ZPP, PO Box 135 Mayhill NM 88339, email: ka0zpp10ten@gmail.com

TEN-TEN NET GUIDE

As of March 1, 2019

| DAY | ZSUM | ZWIN | Chapter Name | Location | Freq | DAY | ZSUM | ZWIN | Chapter Name | Location | Freq |
|-----|------|------|--------------------------------------|-------------------------|-------|-----|------|------|---|-------------------|-------|
| SUN | 0001 | 0100 | Chesapeake Bay | Chestertown, MD | 28345 | TUE | 1500 | 1600 | New Mexico Mud Ducks | Albuquerque, NM | 28835 |
| SUN | 1300 | 1400 | Arlington | Arlington, VA | 29200 | WED | 0001 | 0100 | Castle Craig | Meriden, CT | 28375 |
| SUN | 1400 | 1400 | Neanderthal Chapter | Leichlingen, DL | 28355 | WED | 0100 | 0200 | Cincinnati Area Ten Tuners | Milan, IN | 28430 |
| SUN | 1630 | 1730 | Possum Trot | Raeford, NC | 28345 | WED | 0100 | 0200 | Houston SHOT | Houston, TX | 28488 |
| SUN | 1700 | 1700 | Major League Baseball | Gilbert, AZ | 28380 | WED | 0200 | 0300 | 10 Bar X | El Paso, TX | 28445 |
| SUN | 1900 | 2000 | Oregon Trail | Dallas, OR | 28330 | WED | 1400 | 1500 | EU DX/Branding Iron/Hanse | Bergamen, DL | 28355 |
| SUN | 1930 | 1930 | North Georgia | Atlanta, GA | 28410 | WED | 1700 | 1700 | Gold City | Rutherfordton, NC | 28425 |
| SUN | 2030 | 2030 | Santa Fe Trail | Galesburg, IL | 28345 | WED | 1930 | 1930 | Route-66 | Boonville, IN | 28370 |
| SUN | 2100 | 2200 | Possum Trot | Raeford, NC | 28150 | THU | 0001 | 0100 | Cradle of the Confederacy | Pike Road, AL | 28350 |
| MON | 0100 | 0100 | Arizona Desert 10-10 Net | Phoenix, AZ | 28445 | THU | 0100 | 0200 | Gateway | St. Louis, MO | 28650 |
| MON | 0100 | 0200 | Milwaukee | Milwaukee, WI | 28365 | THU | 0100 | 0100 | Cow Town | Arlington, TX | 28460 |
| MON | 0100 | 0100 | Lonestar | Arlington, TX | 28460 | THU | 0100 | 0200 | Milwaukee | Milwaukee, WI | 28365 |
| MON | 0130 | 0230 | Bauxite | Benton, AR | 28470 | THU | 0230 | 0230 | Windfarms | Livermore, CA | 28450 |
| MON | 1630 | 1730 | Chief Seattle | Seattle, WA | 28430 | THU | 0230 | 0330 | Up The Crick | Eugene, OR | 28450 |
| MON | 2330 | 2330 | Sky Bl Wtr/Tn Lzz/Twn Ct | Inver Grove Heights, MN | 28380 | THU | 1930 | 1930 | Speedway | Rainer, OR | 28350 |
| TUE | 0001 | 0100 | Ft McHenry/ Cornerstone/Yodar Kritch | Arbutus, MD | 28370 | FRI | 0001 | 0100 | Fort McHenry/ Cornerstone/Yodar Kritch | Arbutus, MD | 28370 |
| TUE | 0100 | 0200 | CO Centennial/ CO Frontier Gang | Lakewood, CO | 28340 | FRI | 0001 | 0100 | Steamboat Plus | Shreveport, LA | 28430 |
| TUE | 0100 | 0200 | City of Lights | St Charles, IL | 28150 | FRI | 0300 | 0400 | Chief Seattle | Seattle, WA | 28430 |
| TUE | 0130 | 0230 | City of Lights | St Charles, IL | 28720 | FRI | 2230 | 2130 | Down Under (Summer in NZ is winter in US) | Auckland, ZL | 28530 |
| TUE | 0130 | 0230 | Bauxite | Benton, AR | 28470 | SAT | 1510 | 1610 | Louisiana Pelican | Baton Rouge, LA | 28450 |
| TUE | 0300 | 0400 | Bay Area | Hayward, CA | 28475 | SAT | 1730 | 1730 | Tango | Buenos Aires, LU | 28650 |
| TUE | 0430 | 0430 | Aloha | Hilo, HI | 28490 | SAT | 2200 | 2200 | Alii | Lihue, HI | 28730 |
| | | | | | | SAT | 1730 | 1730 | Tango | Buenos Aires, LU | 28650 |
| | | | | | | SAT | 2200 | 2200 | Alii | Lihue, HI | 28730 |



DX News

Mike Davidson, N5MT
(#24949)

The Winter months are now over for our DX season in the USA and hopefully the Sun will soon be increasing the Solar Flux as well. New Cycle 25 spots are being observed with their change of polarity on the sun's surface. We await the official news from NOAA and NASA, that Solar Cycle 25 has officially started as there is a fancy method that takes several months of solar data to determine when the cycle changes from 24 to 25.

A big DXpedition began on February 23 to South Orkney Island. As this DX article is being published, they are active on-the-air using call VP8PJ with several stations 24/7. They were delayed in operating due to ice around the ship and wind. The small boats that carry equipment ashore do not move in an ice field. The first thing they had to do was build shelters with equipment from the ship in order to operate on the island. The only 10-10 member is Gene K5GS #15119. Poor propagation on Ten will keep the QSO count on this band low, maybe only 1-2 percent of their log. As of Feb 29th there have been only a few contacts on Ten. The last DXpedition to the island was in February 2011, so once every ten years for ham radio from South Orkney is rare! LoTW. Website: <https://SOrkney.com>. They will leave March 6th.

Two **DX** travelers, Will **AA4NC** #15774 and Ron **AA4VK** #12423 went on an island hopping trip through the South Pacific at the end February. They arrived on French Polynesia on Feb 13-17th using call TX4N but they were not on Ten from Fr Poly. They moved to New Zealand on Feb 18th for two days and then on to Norfolk Island on Feb 21st for 4 days, using calls VK9NX and VK9NN. Next was Australia for 3 days. Then to Papua New Guinea, calls P29NC and P29VK. Then to the Solomon Islands on March 1st which is today, the calls H44HC and H44VK. Then to Vanuatu on March 3rd for 4 days as YJ0NC and YJ0VK. Their last island will be Fiji from March 7-8th using calls 3D2AA and 3D2VK.

A new obstacle to a DX trip into Asia and the South Pacific is the health risk of the C virus that is spreading. Several trips have been canceled this past month as a result of new 14 day quarantine restrictions when passing through these areas.

This past quarter the US winter DX season did not provide much action on

Ten Meters. Propagation was the poorest I have seen in a decade since we are at the bottom of Cycle 24. For logging all contacts, I use the Win1010 software so I decided to count the new 10-10 members that I worked over the past thirteen years. I talked with 268 new members in 2007, in 2008 - 228 new members, 2009 - 194, 2010 - 343, 2011 - 376, 2012 - 315, 2013 - 347, 2014 - 271, 2015 - 134, 2016 - 69, 2017 - 87, 2018 - 22 and in 2019 I found 49. I moved from Houston in 2018 so that may account for the lower number in 2018. Analysis of these figures shows a drop in 2009 and 2019 for a ten year separation. Average flux during Solar Cycle 24 was about 20 percent down from Solar Cycle 23 so you should have at least a 20 percent fewer contacts than the previous cycle if you are active on the radio.

I keep reminding all of you that chase DX, to use the ARRL LoTW service to reduce your QSL cost of collecting a QSO contact. If you still use the Post Office to send an airmail DX QSL, the average cost will be three dollars to get a card. LoTW will not charge anything to dump contacts into the system for them to match up in the computer database. An award cost only occurs when you apply LoTW credits for an award like DXCC. If you apply for a 10-10 award using a 10-10 application, there is NO Charge presently. This is one of your membership perks. 10-10 does not require a QSL card verification unlike the ARRL system. ARRL can still check a QSL card that can be added into the DXCC system by a person in the ARRL awards department. There is security associated with the LoTW uploading, so read the rules. The 10-10 Countries Award Manager does follow most of the rules of the ARRL awards system and you must have swapped name and a 10-10 number in order to record that members info on your 10-10 Countries award application.

In December, I operated the Ten Meter contest for the 41st time, but it was poor propagation for the US. A few short openings and only a few new 10-10 members worked. My multi-band vertical antenna at my station is tuned for the FT8 operating frequencies, so I try to make FT8 contacts with DX stations on the WARC bands when I can hear them. There is DX on Ten and a few 10-10 members do know how to send their name and number info using the TX5 feature in the FT8 software. So do ask!

I am uploading my logbook contacts to the ARRL LoTW database on a regular basis. Especially now that the winter contest season is over, you need to post your logs to LoTW and send in your score for log checking of any contest that you are participating in. Even if you only have a few dozen contacts, send them in by email. Contests are now wanting logs within one week, so upload to LoTW after posting your contest log ASAP.

There were no reports of higher Solar Flux at the SILSO website: www.Sidc.Be/SILSO/. SILSO is forecasting more spotless days during the Cycle 24-25 transition with the solar minimum happening this Summer. Cycle 25 is expected to be similar to the present cycle, which peaked in April 2014. Remember,

SILSO tracks Sunspots which is not Solar Flux, so do not confuse them.

Countries Award: There were no Countries Awards submitted this quarter. A DXCC Most Wanted list can be found at: <https://Secure.Clublog.org/mostwanted.php>.

GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

3D2/R Rotuma Island. Tony **3D2AG** #72719, was not able to get to Rotuma last December 2019 to operate.

4U United Nations. The new remote ham radio station **4U1UN** #55555, has been heard on HF from the UN Headquarters in New York. The HF radio has been operating on the popular bands besides Ten meters. Only the beacon has been reported on 28200 on Ten. The remote has been on the air 7 days in December and January and 4 days in February 2020. I do not have any info on who gets to operate the remote station.

8Q Maldives. This rare DX spot was visited by Roly **ZL1BQD** #19039 on November 11-20th. He was expected to stay until December 30th but he may have returned home early. He was using call sign 8Q7XR on all bands SSB, CW and FT8. Roly was on FT8 only a few minutes one day on Ten! Note: Maldives is off the coast of India in the Indian Ocean a long way from the USA. It has been nineteen years since a 10-10 member gave out a 10-10 number from the Maldives!

DU Philippines. Press **N6SS** #21293 was using call DU6/N6SS in February. Unknown activity on Ten.

FJ St. Barthelemy. Ray **W2RE** #49707 was on St. Bart from February 15-22nd using call FJ/W2RE. His friend Harry **WW1X** #60125 may have been a guest with Ray.

HR Honduras. Dennis **W1UE** #10948 was on Roatan Island from February 12-28th. Call was either HQ9X in a contest or W1UE/HR9. LoTW.

Gerard **F2JD** #63443, is still in France and did not get back to Honduras in December as planned.

J6 St. Lucia. Bill **K9HZ** #2618, Dan **W0CN** #27026 and Kyle **WA4PGM** #50763 started using J68HZ on February 23rd and will leave on March 16th. LoTW.

KG4 Guantanamo Bay. Kelly **NM7H** #38578 is now operating as KG4NE from Guitmo until May 4th when he will come back to the US. He operates an FT857D with low antennas so he does not have a big antenna. He uploads to LoTW often with his FT8 contacts he is making.

KH2 Guam. Toshi **J13ERV** #39995 was back in Guam using call AH2R in February. LoTW.

P4 Aruba. John **W2GD** #14109 was back using call P40W in February but no

activity on Ten. LoTW.

PJ5 Saba & St. Eustatius. Charles **KG9N** #17038 was on Saba from February 14-21st using call PJ5/KG9N. He did get on Ten but only on Feb 18th on mostly CW but some SSB.

TI Costa Rica. Mike **W1USN** #51238 and Robert **AA1M** #17930, were using calls TI5/home calls from February 21st to March 4th. All bands, modes and FT8. Lee **KY7M** #38585 was using call TI7W in February. LoTW.

V3 Belize. Bob **W0YBS** #54996 was on Caye Caulker during February and operated as V31CO on FT8.

VP8 South Orkney Island. The VP8PJ DXpedition began on February 23rd on South Orkney. The only 10-10 member is Gene **K5GS** #15119. Website: <https://SOrkney.com>.

YN Nicaragua. John **KB8RJ** #24068 has been in San Juan during January and February until March 18th using YN5J.

UPCOMING DX & NEW 10-10 ACTIVITY:

CY0 Sable Island. Dan **W4DKS** #5395, Bob **K4UEE** #75256 and Will **AA4NC** #15774, will be on Sable Island in October. Website: <http://www.CY0DXpedition.net>.

FP St. Pierre & Miquelon Islands. Eric **KV1J** #31247, will be returning to Miquelon from June 30th to July 14th. He will use call FP/KV1J mostly on SSB and Digi.

GJ Jersey Island. Wolf **DL1CC** #63461 and Hans **DK8RE** #75943, will be on Jersey from March 7-16th using call sign MH0ESP. No other info was available.

HC Ecuador. Uwe **DL8UD** #70315 will be in Ecuador from March 19th to April 1st with maybe a HC5 call sign.

PJ2 Curacao. Andreas **DK5ON** #54260 will be using call PJ2/DK5ON on Curacao from March 15-31st on all bands.

PJ4 Bonaire. Phil **N2HX** #25435 will be on the air March 1-15th using call PJ4/N2HX. Expect SSB and FT8 plus he will operate the ARRL DX SSB contest.

V4 St. Kitts and Nevis. Matt **K0BBC** #76064 will be using call V47P or V4/K0BBC in March.

V7 Marshall Islands. The Kwajalein ARC **V73AX** #8239 has been quiet for five years. My info says the ham shack is now back open and will soon be active again. This location is 2000 miles southwest of Hawaii.

VP5 Turks & Caicos Islands. John **K4BAI** #45389 will be on the island signing VP5/K4BAI or VP5M in March.

MISCELLANEOUS ITEMS & NOTES:

Propagation forecast: <http://www.solen.info/solar/>,
www.SolarHam.net and <http://ARRL.org/Propagation>.

More propagation: <http://dx.qsl.net/propagation/>.

DX Calendar: <http://www.dxwatch.com/>.

DX: <http://www.youtube.com/watch?v=k4dJcK-WVRw>.

SILSO: <http://www.Sidc.Be/SILSO/>.

Propagation: I expect the solar flux to range from 69-74 during the Spring for the USA. The Spring Equinox is when Winter ends on Tuesday March 19th, Spring begins and the days are equal length with the Sun at the equator.

Our solar cycle 24, is now going through the solar minimum phase, until we begin cycle 25, probably in 6-12 months. The natural cycle of the sun is 11 years and we are now ten-plus years into cycle 24. Cycle 25 could start as early as Summer 2020, then the sun would take 1+ year of higher ionization before we get the better conditions.

The monthly maximum solar fluxes for 2019: Jan 76, Feb 72, March 81, April 81, May 79, June 70, July 68, Aug 69, Sept 74, Oct 71, Nov 72 and Dec 72.

The monthly minimum fluxes for 2019: Jan 68, Feb 70, March 68, April 67, May 68, June 66, July 66, August 66, Sept 67, Oct 64, Nov 69 and Dec 70.

On March 1st, the solar flux was 70, the A index was 9 and K index was 2. These solar numbers indicate why we are having poor propagation as we pass through a Cycle 24 bottom. The USAF solar flux forecast for March 1st to April 14th has a range from 70 to 71.

My Prediction: Over the next three months, the best conditions on Ten could be: March 4-8th; April 1-3rd; April 27-30th, May 24-27th. For the lower USA, expect no chance of DX to Europe or Asia with a 10-20% chance of DX to S. America and the S. Pacific. Listen for the CW beacons from 28.175-28.300 to see if the band is open.

There were no new 10-10 DX members join from December 2019 to February 2020. This DX News edition is number 119.

Thanks to the Daily DX by Bernie W3UR #25731 and the Ohio/Penn DX Bulletins. Info to: Mike Davidson, 26274 Whispering Pines Ave, Denham Springs LA 70726 USA Email: N5MT@aol.com .

DX IS! 73 Mike Davidson N5MT #24949

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ELECTION 2020 CALL FOR NOMINATIONS

10-10 International holds an election every two years. In the year 2020 we will be electing the Vice President/Secretary, and three (3) Directors, whose terms will commence January 2021. The organization does not run itself, so if you have ever thought about participating in the running of our organization, this is a great opportunity to do so! Nominations must be sent to the Nomination Committee prior to May 1, 2020.

The Nominating Committee develops a slate of eligible candidates by June 1, 2020. The chairman of the committee will provide each potential nominee with information regarding eligibility and specifying the information required by the committee. The chairman of the committee will notify members selected by the Nominating Committee, in writing. Members not selected by the committee may petition for candidacy by having a petition signed by 50 full members and presented to the Secretary by July 1, 2020. A nomination information form is required and is available from the Nominations Committee Chairperson. Further questions concerning the election/nomination process may be addressed to Paul Hemby, WN4AMO #73925 pthemby@hotmail.com.

QUALIFICATION FOR NOMINATION TO BE AN OFFICER OR DIRECTOR OF 10-10

In accord with the bylaws, no member of 10-10 may qualify for nomination to be an Officer or Director of 10-10 unless he or she has been a current member for more than four (4) years immediately preceding his/her Nomination, and that he/she can show that their membership will remain current during the period of the office they are seeking. The Nominating Committee or Petition for Candidacy are the only methods to be used by members who wish to be nominated.

SELECTION BY THE NOMINATING COMMITTEE

The Nominating Committee is charged with the task of selecting from those who indicate a desire or willingness to serve as an Officer or Director and to form a slate of candidates who the committee believes represent the best qualified candidates from information submitted to the Committee.

PETITION FOR CANDIDACY

Members and nominees not selected by the nominating committee may petition for candidacy. Such petitions shall be signed by 50 current members and submitted to the Secretary by July 1, 2020.

BIOGRAPHICAL SKETCH

All Candidates, whether selected by the Nominating Committee or by Petition, must submit a biographical information form and biographical sketch. The Nominating Committee will use this information in the process of selecting a slate of Candidates. Those who petition for nomination must submit a biographical information form to be provided by and returned to the Secretary. This biographical outline, not to exceed 200 words of narrative, shall be printed in the July 2020 issue of the 10-10 News.

NOTIFICATION OF POTENTIAL NOMINEES

The chair of the Nominating Committee shall notify members selected by the Nominating Committee to be candidates in writing. The chair of the Nominating Committee shall also notify, in writing on or before June 1, 2020, members who are not selected by the nominating committee, and inform them of the proper method of placing their names in nomination by petition.

ELECTION TIME LINE

- ☑ Call for Nominations will be printed in the January and April 2020 edition of the 10-10 NEWS.
- ☐ 1 May 2020 - Candidates must have names and bios to Nominating Committee.
- ☐ 1 June 2020 - Nominating Committee will develop slate of candidates and notify members who applied but were not selected.
- ☐ 15 June 2020 - Deadline for Petitions for Candidacy to Secretary.
- ☐ Ballots and all Candidates' bios to be printed in July 2020 edition of the 10-10 NEWS.
- ☐ 1 October 2020 - **"In Hand"** Deadline for return of Ballots.
- ☐ 1 November 2020 - Election results posted on 10-10 Web Site.
- ☐ 1 January 2021 - Newly elected officers take office.
- ☐ Election results posted in January 2021 edition of the 10-10 NEWS.



Net Report

Bob Farrow, N6OPR
(#45715)

Net reports for 4th Quarter 2019

MONDAY NETS

| 28.38 MHz | | | 28.80 MHz | | |
|-----------|-------|---------|-----------|-------|---------|
| DATE | TOTAL | NO 10X# | DATE | TOTAL | NO 10X# |
| 7-Oct | 2 | 0 | 7-Oct | 7 | 0 |
| 14-Oct | 2 | 0 | 14-Oct | 2 | 0 |
| 21-Oct | 6 | 0 | 21-Oct | 2 | 0 |
| 28-Oct | 2 | 0 | 28-Oct | 2 | 0 |
| 4-Nov | 2 | 0 | 4-Nov | 3 | 0 |
| 11-Nov | 2 | 0 | 11-Nov | 8 | 2 |
| 18-Nov | 2 | 0 | 18-Nov | 4 | 1 |
| 25-Nov | 2 | 0 | 25-Nov | 6 | 0 |
| 2-Dec | 2 | 0 | 2-Dec | 4 | 0 |
| 9-Dec | 2 | 0 | 9-Dec | 7 | 2 |
| 16-Dec | 2 | 0 | 16-Dec | 4 | 0 |
| 23-Dec | 2 | 0 | 23-Dec | 5 | 0 |
| 30-Dec | 2 | 0 | 30-Dec | 4 | 0 |

TUESDAY NETS

| 28.38 MHz | | | 28.80 MHz | | |
|-----------|-------|---------|-----------|-------|---------|
| DATE | TOTAL | NO 10X# | DATE | TOTAL | NO 10X# |
| 1-Oct | 8 | 1 | 1-Oct | 2 | 0 |
| 8-Oct | 7 | 0 | 8-Oct | 2 | 0 |
| 15-Oct | 9 | 1 | 15-Oct | 2 | 1 |
| 22-Oct | 11 | 1 | 22-Oct | 2 | 0 |
| 29-Oct | 7 | 0 | 29-Oct | 2 | 0 |
| 5-Nov | 7 | 0 | 5-Nov | 2 | 0 |
| 12-Nov | 11 | 0 | 12-Nov | 2 | 0 |
| 19-Nov | 10 | 0 | 19-Nov | 2 | 0 |
| 26-Nov | 7 | 0 | 26-Nov | 2 | 0 |
| 3-Dec | 5 | 0 | 3-Dec | 2 | 0 |
| 10-Dec | 8 | 0 | 10-Dec | 2 | 0 |
| 17-Dec | 9 | 0 | 17-Dec | 2 | 0 |
| 24-Dec | 7 | 0 | 24-Dec | 2 | 0 |

WEDNESDAY NETS

| 28.38 MHz | | | 28.80 MHz | | |
|-----------|-------|---------|-----------|-------|---------|
| DATE | TOTAL | NO 10X# | DATE | TOTAL | NO 10X# |
| 2-Oct | 9 | 0 | 2-Oct | 3 | 0 |
| 9-Oct | 10 | 0 | 9-Oct | 4 | 0 |
| 16-Oct | 8 | 0 | 16-Oct | 3 | 0 |
| 23-Oct | 6 | 0 | 23-Oct | 2 | 0 |
| 30-Oct | 12 | 1 | 30-Oct | 5 | 0 |
| 6-Nov | 9 | 0 | 6-Nov | 3 | 0 |
| 13-Nov | 8 | 0 | 13-Nov | 4 | 0 |
| 20-Nov | 7 | 0 | 20-Nov | 5 | 0 |
| 27-Nov | 7 | 0 | 27-Nov | 5 | 0 |
| 4-Dec | 8 | 0 | 4-Dec | 3 | 0 |
| 11-Dec | 12 | 0 | 11-Dec | 5 | 0 |
| 18-Dec | 10 | 0 | 18-Dec | 6 | 0 |
| 25-Dec | XX | XX | 25-Dec | 4 | 0 |

THURSDAY NETS

| 28.38 MHz | | | 28.80 MHz | | |
|-----------|-------|---------|-----------|-------|---------|
| DATE | TOTAL | NO 10X# | DATE | TOTAL | NO 10X# |
| 3-Oct | 7 | 0 | 3-Oct | 2 | 0 |
| 10-Oct | 7 | 0 | 10-Oct | 3 | 1 |
| 17-Oct | 17 | 4 | 17-Oct | 4 | 1 |
| 24-Oct | 16 | 6 | 24-Oct | 3 | 1 |
| 31-Oct | 8 | 0 | 31-Oct | 2 | 0 |
| 7-Nov | 6 | 0 | 7-Nov | 3 | 1 |
| 14-Nov | 5 | 0 | 14-Nov | 2 | 0 |
| 21-Nov | 10 | 0 | 21-Nov | 3 | 1 |
| 28-Nov | 8 | 0 | 28-Nov | 2 | 0 |
| 5-Dec | 5 | 0 | 5-Dec | 2 | 1 |
| 12-Dec | 7 | 0 | 12-Dec | 4 | 2 |
| 19-Dec | 12 | 0 | 19-Dec | 4 | 2 |
| 26-Dec | 6 | 0 | 26-Dec | 3 | 1 |

FRIDAY NETS

| 28.38 MHz | | | 28.80 MHz | | |
|-----------|-------|---------|-----------|-------|---------|
| DATE | TOTAL | NO 10X# | DATE | TOTAL | NO 10X# |
| 4-Oct | 10 | 0 | 4-Oct | xx | xx |
| 11-Oct | 2 | 0 | 11-Oct | 9 | 0 |
| 18-Oct | 2 | 0 | 18-Oct | 6 | 0 |
| 25-Oct | 2 | 0 | 25-Oct | 10 | 0 |
| 1-Nov | 4 | 0 | 1-Nov | 9 | 0 |
| 8-Nov | 2 | 0 | 8-Nov | 6 | 0 |
| 15-Nov | 2 | 0 | 15-Nov | 10 | 0 |
| 22-Nov | 2 | 0 | 22-Nov | 7 | 0 |
| 29-Nov | 2 | 0 | 29-Nov | 7 | 0 |
| 6-Dec | 2 | 0 | 6-Dec | 10 | 0 |
| 13-Dec | 2 | 0 | 13-Dec | 5 | 0 |
| 20-Dec | 2 | 0 | 20-Dec | 11 | 0 |
| 27-Dec | 2 | 0 | 27-Dec | 6 | 0 |

SATURDAY NETS

| ----- 28.38 MHz ----- | | | ----- 28.80 MHz ----- | | |
|-----------------------|-------|---------|-----------------------|-------|---------|
| DATE | TOTAL | NO 10X# | DATE | TOTAL | NO 10X# |
| 5-Oct | 2 | 0 | 5-Oct | XX | XX |
| 12-Oct | 2 | 0 | 12-Oct | XX | XX |
| 19-Oct | 2 | 0 | 19-Oct | XX | XX |
| 26-Oct | 2 | 0 | 26-Oct | XX | XX |
| 2-Nov | 2 | 0 | 2-Nov | XX | XX |
| 9-Nov | 2 | 0 | 9-Nov | XX | XX |
| 16-Nov | 2 | 0 | 16-Nov | XX | XX |
| 23-Nov | 2 | 0 | 23-Nov | XX | XX |
| 30-Nov | 2 | 0 | 30-Nov | XX | XX |
| 7-Dec | 2 | 0 | 7-Dec | XX | XX |
| 14-Dec | 2 | 0 | 14-Dec | XX | XX |
| 21-Dec | 2 | 0 | 21-Dec | XX | XX |
| 28-Dec | 2 | 0 | 28-Dec | XX | XX |

XX = No Net Called

Greetings all

My name is Ronnie Hull, W5SUM #2019. I was railroaded.. errrr... asked by Mel to be the 10-10 International Historian! Before I dive into History of 10-10, how about some history of ME in relation to 10-10?

I received my novice license as WN5AIA in November of 1969. The license was good for only 2 years. I got my general, WB5AIA in August of 1970, with some time to spare. I purchased a Johnson Valiant from W5QEP #1762, in January of 1971. I had already discovered there was activity on 10 meters on AM. I had been listening to this wonderful female voice up there for months, yep, it was Grace K5MRU #218.

I wasted no time calling her one afternoon, Sunday January 10, 1971, and had my first of many QSOs with Grace. She wasted no time that day introducing me to 10-10 and giving me my first number. I remember like it was yesterday "Ron, you just stay right here and we will get your 10 numbers before the afternoon is out". She was right, we did. That is a special page in my logbook. My 10 that I used for my application were #'s 218, 1064, 1095, 904, 798, 1762, 624, 831, 331 and 571, in that order of the qsos. All in one single afternoon!

I got the application off in the mail the next day while I was walking to school, and it wasn't long before I had my own number, 2019. Of course, my HIGH number branded me as a newbie, but 10-10 was growing and it wasn't very long before I was considered as having an "old" number.

10 meters was first allocated on Nov 25th, 1927 as 28.0 – 30.0 MHz. In 1947 the top 300 kHz was taken away and given to business and government band use. In 1948 26.98 – 27.23 MHz (11 meters) was allocated to Amateur Radio Service for CW/Phone use. Class C Amateurs could use this portion of 10 meters. In

1951 Class C was replaced by the General and Conditional class licenses. The Conditional (mail order) Amateurs were able to use the 11-meter segment on both phone and cw.

September 11, 1958 the 11-meter segment was taken away and given to the Citizens Radio Service. The FCC informed the Amateur community that this action was justified because we were not using this piece of spectrum. Note: this was at a solar minimum.

In 1962 K6PWO (later #97), hosted a gathering to establish a method to preserve 10 meters for Amateur Radio, since the actions taken by the FCC were justified due to lack of activity. On April 29, 1962, at least 13 Amateurs met at San Dimas Canyon Park near Glenora, CA. This was the first of several meetings to develop a method to preserve 10 meters. As a result, the 10-10 Net of Southern California was formed.

Originally created as a traffic net, in 1965 the purpose was changed to a friendship type of net gathering.

Certificates were first ordered and printed in August 1962, and the basic design remains the same today. Early certificates did not contain membership dates or numbers. The first certificate with color content was issued to W6CKS (later #89), on January 16, 1966.

Membership numbers were not initially issued. By fall of 1966 it was decided to issue numbers to members. It appears there was some sort of lottery used to issue the first 100 numbers. An Awards program was begun in 1965 and the first QSO party was held in 1969 (I participated in the Spring 1971 QSO party, skipping school, for which I was later expelled for 3 days). The QSO parties generated lots of interest and increased the membership. K5MRU #218 won the first QSO party.

Prior to 1975 there was no regular newsletter. From time to time a small mail out consisting of a few pages was sent via normal USPS. Beginning in 1975 a multi-page newsletter was mailed and eventually it became a quarterly publication. These were mailed to all current members.

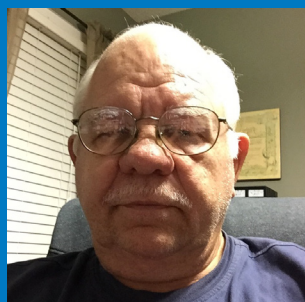
By March 1974 membership had grown to 9,062. This was near the peak of a solar cycle and solar activity has had a direct bearing on growth of 1010 over the years.

1010 number 10,000 was issued to W3OHI in October of 1974, marking a landmark. This number was issued to the Oscar Seven Satellite. Another significant contribution to membership growth was the addition of local chapters during the early 70's. The Chapters keep the level of activity up no matter what the solar conditions.

This article is made of information gleaned from the Internet, but most of it is from our president Mel Sojka KD5DE #33513.

I was a charter member of the original Steamboat Chapter, holding #3CL. Next issue, the history of the Steamboat!

73 and God Bless
Ronnie W5SUM #2019



QSO Parties

Dan Morris, KZ3T
(#41015)

57th ANNIVERSARY RESULTS FOR 2019

| CALL | 10-10# | CTX |
|----------|--------|-----|
| 1. N5MT | 24949 | 4 |
| 2. KN4Y | 17757 | 2 |
| 3. N1API | 25468 | 2 |

VOLUNTEER RESULTS FOR 2019

| CALL | 10-10# | CTX |
|---------|--------|-----|
| 1. N5MT | 24949 | 4 |
| 2. KN4Y | 17757 | 3 |
| 3. KZ3T | 41015 | 2 |

2020 WINTER SSB QSO PARTY

FEB 1 - 2

TOP TEN

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|-----------|--------|-------|--------|-------|
| 1. DL8YBM | 36109 | 43 | 119 | 205 |
| 2. DL6DK | 39944 | 39 | 13 | 91 |
| 3. PA2NJC | 30903 | 26 | 0 | 52 |
| 4. KM4ODS | 77504 | 21 | 3 | 45 |
| 5. N4ZCG | 56067 | 17 | 8 | 42 |
| 5. KJ4OFD | 75796 | 19 | 4 | 42 |
| 6. KJ4RV | 37776 | 18 | 5 | 41 |
| 7. AK4YS | 75328 | 17 | 3 | 37 |
| 8. N4ERM | 34524 | 17 | 2 | 36 |

TOP TEN (Cont.)

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|-----------|--------|-------|--------|-------|
| 9. W5SUM | 2019 | 16 | 0 | 32 |
| 10. K4PGM | 77579 | 13 | 2 | 28 |

CALL AREA ORDER

CALL AREA 0

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| NC0B | 74875 | 6 | 2 | 14 |
| N0CUN | 33031 | 4 | 2 | 10 |
| KA0HZP | 31562 | 3 | 3 | 9 |
| W0RTV | 13962 | 3 | 1 | 7 |

CALL AREA 1

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|-------|--------|-------|--------|-------|
| N1API | 25468 | 7 | 5 | 19 |
| N1ZN | 73599 | 2 | 1 | 5 |

CALL AREA 2

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| WA2HMM | 40510 | 2 | 5 | 9 |

CALL AREA 4

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| KM4ODS | 77504 | 21 | 3 | 45 |
| N4ZCG | 56067 | 17 | 8 | 42 |
| KJ4OFD | 75796 | 19 | 4 | 42 |
| KJ4RV | 37776 | 18 | 5 | 41 |
| AK4YS | 75328 | 17 | 3 | 37 |
| N4ERM | 34524 | 17 | 2 | 36 |
| K4PGM | 77579 | 13 | 2 | 28 |
| K4FET | 77603 | 8 | 3 | 19 |
| WB4WXE | 7010 | 6 | 5 | 17 |
| KT4LS | 77717 | 4 | 0 | 8 |

CALL AREA 5

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| W5SUM | 2019 | 16 | 0 | 32 |
| KD5DE | 33513 | 10 | 2 | 22 |
| KG5ZMQ | 77628 | 9 | 3 | 21 |

CALL AREA 7

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|-------|--------|-------|--------|-------|
| N7QHC | 59244 | 1 | 0 | 2 |

CALL AREA 8

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|-------|--------|-------|--------|-------|
| K8DEL | 2978 | 8 | 11 | 27 |
| W8PJY | 14574 | 5 | 3 | 13 |
| K8IZK | 73889 | 4 | 3 | 11 |

CALL AREA 9

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| KC9TQU | 77157 | 3 | 1 | 7 |
| NA9A | 31121 | 2 | 0 | 4 |
| KC9EOQ | 74609 | 2 | 0 | 4 |
| K9DXA | 75703 | 2 | 0 | 4 |

COUNTRY ENTRIES**GERMANY**

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| DL8YBM | 36109 | 43 | 119 | 205 |
| DL6DK | 39944 | 39 | 13 | 91 |

NETHERLANDS

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| PA2NJC | 30903 | 26 | 0 | 52 |

LOW POWER

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| PA2NJC | 30903 | 26 | 0 | 52 |
| KM4ODS | 77504 | 21 | 3 | 45 |
| N4ZCG | 56067 | 17 | 8 | 42 |

LOW POWER (Cont.)

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| KJ4OFD | 75796 | 19 | 4 | 42 |
| KJ4RV | 37776 | 18 | 5 | 41 |
| AK4YS | 75328 | 17 | 3 | 37 |
| N4ERM | 34524 | 17 | 2 | 36 |
| W5SUM | 2019 | 16 | 0 | 32 |
| K4PGM | 77579 | 13 | 2 | 28 |
| K8DEL | 2978 | 8 | 11 | 27 |
| KD5DE | 33513 | 10 | 2 | 22 |
| KG5ZMQ | 77628 | 9 | 3 | 21 |
| N1API | 25468 | 7 | 5 | 19 |
| K4FET | 77603 | 8 | 3 | 19 |
| W8PJY | 14574 | 5 | 3 | 13 |
| K8IZK | 73889 | 4 | 3 | 11 |
| N0CUN | 33031 | 4 | 2 | 10 |
| KA0HZP | 31562 | 3 | 3 | 9 |
| WA2HMM | 40510 | 2 | 5 | 9 |
| KT4LS | 77717 | 4 | 0 | 8 |
| W0RTV | 13962 | 3 | 1 | 7 |
| KC9TQU | 77157 | 3 | 1 | 7 |
| N1ZN | 73599 | 2 | 1 | 5 |
| NA9A | 31121 | 2 | 0 | 4 |
| KC9EOQ | 74609 | 2 | 0 | 4 |
| K9DXA | 75703 | 2 | 0 | 4 |

HIGH POWER

| CALL | 10-10# | CTX W | CTX WO | TOTAL |
|--------|--------|-------|--------|-------|
| DL8YBM | 36109 | 43 | 119 | 205 |
| DL6DK | 39944 | 39 | 13 | 91 |
| WB4WXE | 7010 | 6 | 5 | 17 |
| NC0B | 74875 | 6 | 2 | 14 |
| N7QHC | 59244 | 1 | 0 | 2 |

CHAPTER ENTRIES

| CHAPTER | LOGS | PTS |
|----------------|------|-----|
| BRANDING IRON | 4 | 592 |
| POSSUM TROT | 9 | 335 |
| STEAMBOAT | 3 | 76 |
| NEANDERTHAL | 1 | 52 |
| CASTLE CRAIG | 3 | 43 |
| CATT | 2 | 40 |
| GATEWAY | 4 | 33 |
| CITY OF LIGHTS | 3 | 12 |
| PELICAN | 1 | 12 |
| NORTH GEORGIA | 1 | 8 |
| CHIEF SEATTLE | 1 | 2 |

CLUB ENTRIES

| CALL | 10-10# | CTX W | CTX WO | TOTAL | OPS |
|--------|--------|-------|--------|-------|--------|
| DF0IA | 68914 | 43 | 119 | 205 | DL8YBM |
| DL0BIC | 77526 | 39 | 13 | 91 | DL6DK |
| K4MN | 24874 | 21 | 3 | 45 | N3GTY |
| W5RRV | 42114 | 10 | 2 | 22 | KD5DE |
| W1NRG | 29650 | 7 | 5 | 19 | N1API |
| NM5H | 68588 | 6 | 0 | 12 | N5MT |

**2020 Ten-Ten QSO Party Schedule**

| Event | Dates | Postmark |
|---------------------|------------------|----------|
| Winter Phone | Feb. 1-2 | Feb. 11 |
| Spring Digital | April 25-26 | May 4 |
| Spring CW | May 2-3 | May 11 |
| Open Season | June 6-7 | June 15 |
| Spirit of 76 | June 29 - July 5 | July 13 |
| Summer Phone | Aug. 1-2 | Aug. 10 |
| Sprint | Oct. 10 | Oct 19 |
| Fall CW | Oct. 17-18 | Oct. 26 |
| Fall Digital | Nov. 14-15 | Nov. 23 |
| Anniversary (58) | Jan. 1-Dec. 31 | Jan. 8 |
| Meet The Volunteers | Jan. 1-Dec. 31 | Jan. 8 |

10-10 Has Two Official Daily Nets
28.380 and 28.800 MHz
Both Run At 1800z
Every Day Except Sunday
Listen And If You Can Hear Us Join IN!!!

A Simple 2-Element 10-Meter Quad

Editors note: This article is a reprint of an article done by L.B. Cebik, W4RNL (SK), #41159 in a previous issue of this newsletter.

Quads are popular with many folks, and sometimes for good reasons. So, let's see what a dedicated 10-meter 2-element quad might look like after some work in the home shop. We shall use only materials available locally: wire, PVC, and some hardware.

Why a Quad? Quad beams consist of 2 1-wavelength (approximately) loops, ordinarily arranged so that one is the driven element and the other is the reflector. Since the elements are double the size of the half-wavelength elements in a 2-element Yagi, we expect more gain and we got it. In fact, a 2-element quad has almost as much gain as the 8'-boom Yagi or the wide-band Yagi we discussed in recent columns. However, the 2-element quad does not have as much gain as a fully optimized long-boom 3-element Yagi. Also, the front-to-back ratio of a quad fluctuates around the 20 dB figure, more like a 3-element Yagi than a 2-element Yagi.

Physically, a quad beam when – compared to a Yagi – trades volume for horizontal area. Horizontally, even the 8'-boom Yagi requires a rectangle about 8' long by 16.5' wide. A quad of similar performance has a footprint only 5' long by 9.5' wide, or about 1/3 the area. However, the Yagi is flat, while the quad occupies a 450 cubic foot volume. (That means that it is as high as it is wide.)

If you decide that you want a quad for most of the HF bands, I recommend that you obtain one of the commercial models. These fairly complex structures are engineered for maximum strength and durability. However, if you need only a 10-meter model (and later want to tuck 6-meter or 2-meter quads within the same framework), then you can build one yourself with simple tools and materials.

The Quad Beam Structure. As shown in Figure 1, a good 10-meter quad can be built from two wire loops. If the wire you use is #14 bare copper (stranded or solid), the driven element loop is 105.3" per side of 421.2" overall. The reflector loop is placed 60" behind the driven element and is 110.3" per side or 441.2" overall. If you decrease the wire size of a loop antenna, the total length becomes smaller as well (and not longer, as with a linear wire antenna element). For #18 bare copper wire, the dimensions per side drop to 105" and 110" respectively – not a big drop, but a noticeable one.

These dimensions are for bare wire. Insulated wire has a 2-5% velocity factor, depending on the type of thickness of the insulation. It will require different dimensions that I have not modeled and tested.

If we could just starch the wires and toss them in the air, the quad would be a very simple antenna. However, we need a supporting structure, shown

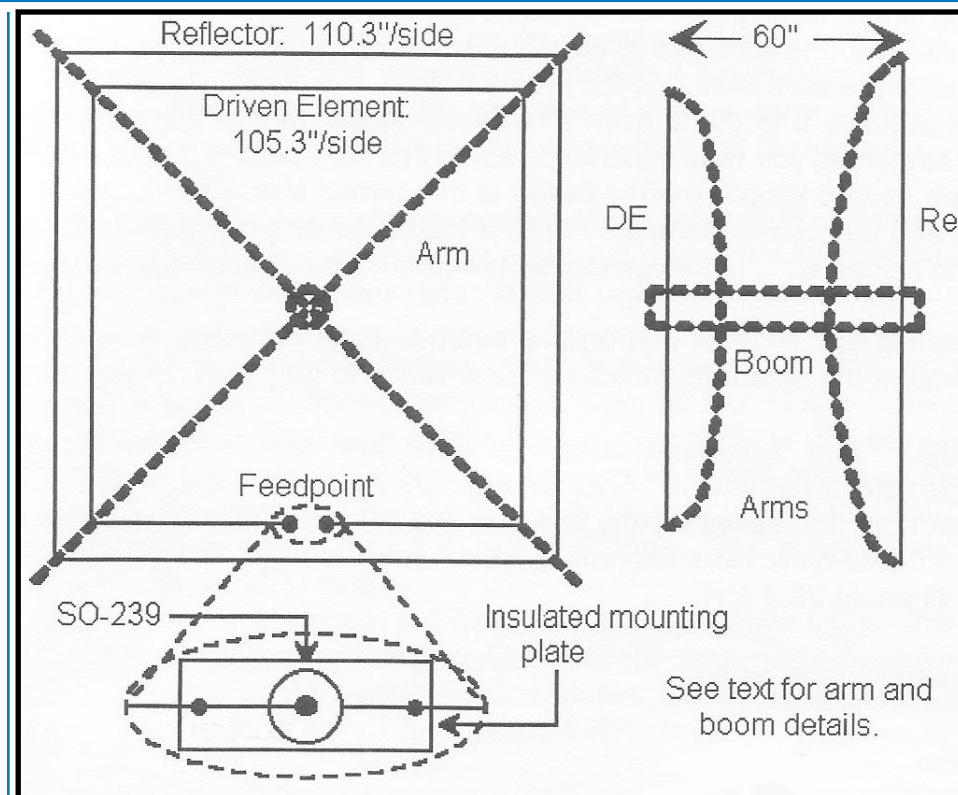


Figure 1. Basic elements of a simple 2-element Quad Beam

by the dotted boom and arms in Figure 1. The support structure should be nonconductive although a metal boom usually does not affect antenna tuning. For 10-meters, the arms can be stronger fiberglass, quality bamboo (with lighter wire elements), or thin-wall PVC.

The sketch shows what one might do with an all-PVC structure. The boom can be about 4'-5' 1" or 1.25" nominal Schedule 40 PVC. (1" nominal PVC is closer to 1.25" in diameter, while 1.25" nominal PVC is closer to 1.5" in diameter.) The arms can be thinner-wall SDR-135 PVC, 0.5" diameter nominal. Each of the 4 arms per element should be just about 6.5' long, but let's add another half foot to each.

Since PVC comes in standard 10' lengths, we shall need 8 pieces of the half-inch diameter stock, along with 4 end-to-end couplers (plus a 5' piece of fatter Schedule 40 for the boom). You can either drill the ends of the arms for the wires or use half-inch Tee fittings – although the smoother fittings add weight to the assembly.

Assuming a 5' boom, use a 1 1/8" drill-mounted hole cutter to cut two pair of aligned holes in each end of the boom. The outer pair at each end should be about 6-9" in from the end, and the inner set another 1.5" further in. The hole-pairs should be at right angles to each other at each end, and the hole sets at each end should be very closely aligned with each other.

Now we can make the wire supports. First, place an end-to-end coupler in each hole and run a stainless-steel nut and bolt through the boom and coupler to fasten the assembly. Using PVC cement, add 7' lengths of the half-inch thin-wall PVC to each coupler end. Add Tees to the ends, or drill out and deburr generous holes for the wire about 1/2" in from each arm end.

Use a length of cord marked the same length as the wire that will replace it – with some excess. Run the cord through the holes and stress the arms outward toward the boom end until the cord matches the element size. Tie it off. If you use fresh nylon cord, you can leave it in place even after you add the wire – it will not hurt anything. Since cord stretches, you may experience some flex reversals, but after a few of these, you will learn how to keep the arms flexed in the correct direction.

Now add the wires. Make the reflector loop solid by twisting the ends of the wire together and soldering. The driven element requires a small insulated plate and a coax connector.

Assuming you have or can build a boom-to-mast mounting plate and have the U-bolts to mount the structure, you are almost ready to go. But let's not hurry.

Performance. The 2-element quad we have just built was designed for best front-to-back ratio from about 28.25 through 28.75 MHz. Below 28.25 MHz, the front-to-back ratio decreases rapidly to a little over 10 dB. Above the target frequency range, the front-to-back ratio decreases more slowly so that the 10 dB figure is not reached until about 29.4 MHz.

Forward gain of this antenna is maximum at the low end of the band and decreases about 0.1 dB per 100 kHz. Gain is best in the first half MHz of 10 meters, rivaling the gain of the 8'-boom Yagi. It remains as good as any 2-element Yagi all the way to the top end of 10 meters.

Since I am not trying to sell you anything, notice that I have told a story about what happens to the gain and front-to-back ratio rather than citing peak figures for each. Figure 2 shows the azimuth pattern at the elevation angle of maximum radiation when the antenna is modeled at 1 wavelength up (about 35' high).

Figure 2 shows not only the variation in front-to-back ratio and the rear pattern, but also the gradual reduction in gain with increasing frequency.

Feeding the antenna. The feedpoint impedance of the antenna alone varies from about 70 to 150 ohms across 10 meters. Since we anticipate feeding the antenna with standard 50-ohm coaxial cable, we need to add one more

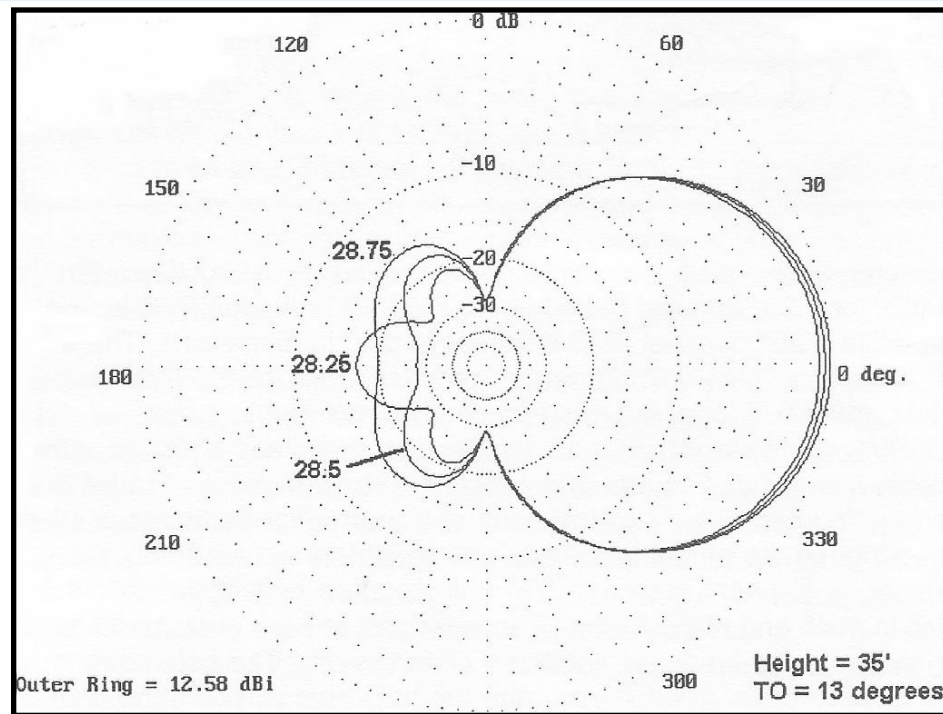


Figure 2. 2-Element Quad Azimuth Radiation Pattern.
component: a matching system.

The simplest and most effective matching system for this antenna is a 1/4-wavelength section of 75-ohm coaxial cable, such as RG-11 (for higher power) or RG-59 (for lower power levels). Both cables have a velocity factor of 0.66, which means that a full wavelength of cable is 0.66 in free space. Let's use 28.5 MHz as our design frequency. A wavelength at this frequency is just about 34.5' long. A quarter wavelength is a little over 8.6' or 103.5" long. The quarter-wave matching section is 0.66 if this or 68.3" long.

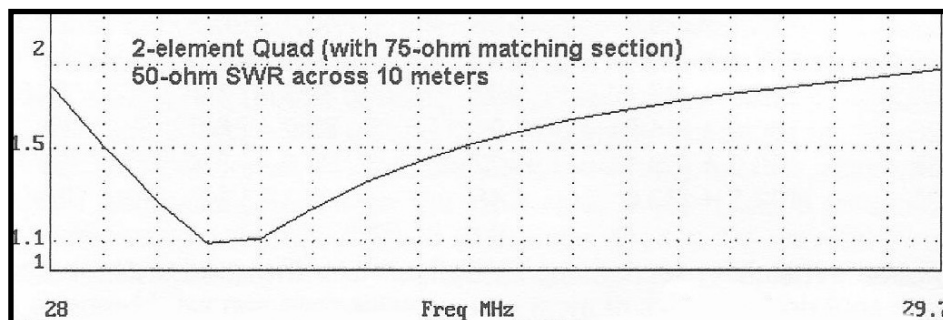


Figure 3. 2-Element Quad 50-ohm SWR Across 10 meters.

A perfect quarter wavelength will transform an impedance higher than 75 ohms to a lower impedance, which is just what we need. In fact, when fed with a 50-ohm cable to the shack, the quarter-wave section shows under 2:1 SWR all across the 10-meter band. Figure 3 shows anticipated SWR curve.

Do not operate this antenna without the quarter-wave 75-ohm matching section or an equivalent matching circuit.

If a 2-element quad meets your space and operating needs, this one will do the job about as well as it can be done. Feel free to alter the support structure using materials with which you are comfortable in your shop. (For me, PVC is tinker toys for adults.) A TV rotator will easily turn this light antenna. For best results, be sure the bottom wire is at least 20' up, and a tower or mast height of 35' is a good minimum target height for excellent DXing.

A Simple 2-Element 10-Meter Quad - revisited

Many 10-10ers complain about not being able to make contacts. Under good propagation, you can literally work the world with a "wet noodle", as the saying goes. Under less than ideal conditions, you need an antenna with GAIN!

Quads versus Yagis is a topic that has been debated in many ham radio articles. The truth is... they both work! However, tuning a home-brew Yagi presents a challenge that can be a frustrating experience. With a quad, you cut wires to a certain length, spread them in a square, attach a quarter wave matching network, and put it in the air. Tuning is done!

Some of the advantages of a quad include: Works well at low elevations, easy to build, low noise, tuning not required, provides good match to the transmitter when appropriate match is used, and is relatively cheap to construct.

There are commercial versions of quads available. Many are multi-band versions. A policy of 10-10 is that we are not allowed to mention commercial names in our articles. But you can Google "quad" and find companies that market them. But for the ham who can use a tape measure, it is easy to build your own 10m quad.

Many of my ideas came from L.B. Cebik, W4RNL and his book "AN-10-10-NAS". I have a lot of respect for L.B. as his antennas always work as they are designed. Where I take exception to his construction methods is in his choice of materials for antenna construction.

According to W4RNL, the 2-element quad has about as much gain as a Yagi with an 8-foot boom. The 2-element quad requires a boom of only 5 ft long! Now before we get into the construction aspects of the quad, I should mention that one difficulty in constructing the quad is its assembly on the ground. The quad must have a temporary support pole while it is being built.

Construction specifics for the quad are: Driven Element is 421.25" in circumference. The Reflector is 441.25". Use #14 bare wire.

Cebik used PVC plastic conduit for his spreaders. There are many problems associated with PVC in an outdoor environment due to Ultraviolet damage from the sun and that is why I recommend using fiberglass tubing instead. This material is available in 8 ft lengths but can't be shipped by UPS. However, if you use 4 ft pieces of 3/4" fiberglass with 3 ft pieces of 1/2" fiberglass inserted 3" inside the 3/4" pieces, you have a winner. And, UPS will ship 4-foot pieces of fiberglass tubing. Build the spreaders by inserting the smaller tubing inside the larger tubing with epoxy glue applied to the joints.

I prefer to use metal for the 5-foot boom. Either aluminum or steel will work. A good source of material is rails used in chain link fence construction.

Regarding attaching the wire to the spreaders. I do not like to drill holes in the spreaders. I purchased clips off the internet that have rubber inserts and allow the wire to pass through and still be adjustable up or down the spreader. Do not use zip ties as once again the sun will cause them to become brittle and they will break. My quad has been up for about 8 years with no broken wires.

The next part of this article describes how the spreaders are mounted to the boom. I use 1 1/4" angle iron. You can paint the angle iron if you wish but I just use raw iron and let it rust! Using pieces 24" long, you have 12" or so protruding from either side of the boom. To attach the angle iron to the boom, I use a common automotive muffler clamp. Placing the fiberglass tubing into the angle iron and attaching it with 2 stainless steel hose clamps provides a very secure mounting arrangement. Each spreader will require 2 of these angle irons set at 90 degrees to one another to make the cross configuration for the element.

The last part of this article describes the matching network for this quad. The feedpoint impedance of a quad is nearly 100 ohms. With 50-ohm coax, it is important to provide a matching network in order to minimize SWR. For a long time, this technique scared me because I did not understand it. Turns out it is very simple and works like this. The length of 75-ohm coax required for the match is determined from this formula: $L = 246/f$ times velocity factor of the coax. Now, if you are going to run low power only, then you can use RG59 for the 75-ohm coax. If running more than 200 watts, use RG11 or LMR400 75-ohm coax. Now each of these coaxes have different velocity factors: RG59 & RG11 poly (.66), RG59 & RG11 foam (.78), LMR400 (.85).

As an example: using RG11 foam the length for the matching network is:

$$246/28.4 = 8.66 \text{ ft then: } 8.66 \times (.78) = 6.75 \text{ ft or } 6' - 9"$$

So, inserting this matching piece of 75-ohm coax at the input of the antenna will match the 50-ohm coax to the 100-ohm load of the antenna. Tuning is done!

Now, there may be some ambitious hams that want bigger quads. I use a

4-element quad and I love it. But the bigger the antenna the more difficult it is to erect and put on the tower. I used a crane to mount my quad on the tower and it simplified the task.

The quad described will bring weaker stations into your ability to work them. As the old saying goes, "You can't work them if you can't hear them". Check out my QRZ website for a photo of my quad.

73 Terry N0TW #36547

10-10 SCHOLARSHIP FOUNDATION SUPPORTERS

We encourage all our members to support the 10-10 International Net Scholarship Foundation. Our goal has always been to fund our scholarships entirely through member donations. At the Scholarship Foundation meeting in June, the Foundation Board voted to guarantee the funding for four \$2000 scholarships to be awarded in 2020. The Foundation was created in 2001 and is a qualified 501(c)(3) tax exempt organization and contributions are tax deductible. Why not consider a donation as a Chapter or an individual in memory of a fellow ham or loved one. This quarter Sheila Schwartz, KE6GFI # 72985 donated in the memory of her father Ray Schwartz, K4GRR. If you have an employer matching program, please let us know. If you haven't donated before, we want you to know that all donations are appreciated, and they do add up. At the time you make a donation to your favorite charity, please consider a donation to the 10-10 Scholarship Foundation

If you make a donation of \$25 or more, you are eligible to receive one of the 10-10 pins. As more and more members have told me not to send a pin and want the maximum amount of their donation to go to the students, if you have made a qualifying donation and would like a pin, please contact me at wa2suh@aol.com. To pay by credit card see Scholarships at www.ten-ten.org or send your check to me or the Data Manager. Our addresses can be found on Page 25.

The members listed below became 10-10 Scholarship Foundation Supporters during the months of December, January and February and we appreciate their support.

Platinum (\$1000 or more)

N5MT Michael Davidson 24949

Gold (\$500 to \$999)

KB5UJY Kenneth Schulz 63342

Silver (\$100 to \$499)

| | | |
|-------------|-----------------|-------|
| KE6GFI..... | Sheila Schwartz | 72985 |
| AA2MA..... | Mark Morgida | 73000 |

Bronze (Up to \$99)

| | | |
|--------------|------------------|-------|
| WA3ELQ..... | Ralph Labbot | 07882 |
| WB4VBJ | Luther Cuthrell | 15479 |
| KD5DE..... | Mel Sojka | 33513 |
| KD4EFJ | Charles Walther | 64712 |
| N1YLN..... | Edward O'Len | 68982 |
| N3AGS | Richard Miskinis | 72584 |

10-10 SCHOLARSHIP APPLICANT INFORMATION

Each year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, funds four \$2000 scholarships, which are administered on our behalf by the Foundation for Amateur Radio (FAR). It is suggested that every 10-10 member encourage qualified college-bound amateur radio operators to take advantage of this opportunity. The most recent winners were featured in the fall issue and on the 10-10 website. Over the past 32 years, 10-10 has funded 122 scholarships valued at \$155,000.

Applicants must be licensed amateurs. There is no restriction on the course of study, but applicants must intend to seek at least an Associate Degree from a college or university. Non-U.S. amateurs and those seeking graduate degrees are also eligible, as well as students who study outside the United States. Initial applications must be received by FAR prior to April 15th of each year. Download an application from FAR's website: <http://www.farweb.org> or request an application from:

FAR Scholarships
P.O. Box 911
Columbia, MD 21044-0911

10 Meter Beacons

As 10 meter operators one should be aware propagation beacon frequencies are coordinated.

I would appreciate a message from anyone with thoughts of activating a beacon. wi5v.be@gmail.com

73 Dennis Stice WI5V #35806

IARU Region 2 HF Beacon Coordinator

<https://wi5v.net/author/wi5v>

Meet The Volunteers

A year-long event to find and make contact with all of the people who devote time to keep 10-10 an active organization!

The goal? Make contact with each of the following volunteers during 2020

| | | | |
|---------------------|------------------------------|---------------------|----------------------------|
| AE6Q, Mary | Committee Member | KZ3T, Dan..... | Director/QSO Party Manager |
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| G4BLH, Mike | Awards – GB | N2WIE, Tony..... | Awards – 1000+ Bars |
| K0DBK, Brad | Awards – Counties | N5MT, Mike..... | Awards – DX |
| KD2NOM, Mark | SK Manager | N6ELK, Louise..... | Net Control |
| K4QHH, Bob..... | Award Manager-Mobile & VP | N6OPR, Bob..... | Director/Net Manager |
| K5BKT, Peggy | Committee Member | N7YG, Jeff..... | IT Manager |
| K5ERJ, Ed | Committee Member | N9AC, Gerald | W6OI Trustee |
| K6DNR, Bob | Net Control | NP2MR, David..... | Committee Member |
| K6RDK, David | Data/ Membership Manager | NZ1I, Kevin..... | Awards WAC |
| K7CWS, Ray | Net Control | VA7GY, Garry | Committee Member |
| KA0ZPP, Jim | Director/Chapter Coordinator | VE3MEW, Bill | Committee Member |
| KA5VVD, Bob..... | Committee Member | W5DJT, David..... | Committee Member |
| KC5ILO, Tom | Director/ Publications | W5SUM, Ronnie | Historian |
| KD5DE, Mel..... | President | WA2SUH, Larry | Scholarship Manager |
| KF4WKY, Mike..... | Net Control | WA3GM, Greg | Vice President |
| KG5RJ, Greg..... | Committee Member | WA6POZ, Gerry | Software Support |
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| KJ5SZ, Hugo | General Counsel | WB6OJB, Arnold..... | Net Control |
| KM5EH, Marcus | Director/Awards Manager | WB9WZI, Alan | Net Control |
| KM5FF, Eddie..... | Awards – WPX | WI9X, Jim | QSL Bureau Manager |
| KQ4PK, Robert..... | Net Control | WN4AMO, Paul | Director/Publicity |
| KR7RK, Keith | Treasurer | | |

RULES FOR THIS EVENT AVAILABLE AT WWW.TEN-TEN.ORG IN THE QSO PARTY HANDBOOK

TEN-TEN AWARDS

To apply for any 10-10 Award, paid-up membership is mandatory. You are not required to send in proof as the Awards Manager has the current membership database. All contacts made for any award must be legal 10-10 contacts (a full exchange of Call, Name, QTH and 10-10 number from BOTH members). An application listing the rules for each award is available from the appropriate Awards Manager listed at the end of the award listings. Please send your request with a #10 (business size) envelope, self addressed and stamped with one unit of first class postage (or enclose one IRC for GB Award), to the Award Manager for the Award you are interested in obtaining. Please no phone calls to Award Managers for an application or list of rules. Contact requirements and rules for all Awards are available on the 10-10 website - www.ten-ten.org

TOP TEN HONOR ROLL

| No. | CONTACTS | CALL | 10-10# |
|-----|----------|--------|--------|
| 1. | 24600 | WA5JDU | 3017 |
| 2. | 11700 | K0PV | 9902 |
| 3. | 11700 | N5XZ | 4530 |
| 4. | 11300 | DL8YBM | 36109 |
| 5. | 10600 | N1API | 25468 |
| 6. | 10000 | K6PZE | 1341 |
| 7. | 9800 | N5DAS | 35877 |
| 8. | 8800 | AC6FU | 10937 |
| 9. | 8200 | K5FBS | 48461 |
| 10. | 8200 | N6OPR | 45715 |

COUNTIES AWARDS

900

| NO. | CALL | 10-10# |
|-----|--------|--------|
| 46 | KD5EDL | 71833 |

TOP TEN CLUB

| No. | CONTACTS | CALL | 10-10# |
|-----|----------|--------|--------|
| 1. | 10100 | WD0SFT | 37933 |
| 2. | 4400 | K6MQ | K6MQ |
| 3. | 3400 | DL0X | DL0X |
| 4. | 2100 | W8PGW | W8PGW |
| 5. | 1800 | W1NRG | W1NRG |
| 6. | 1200 | NM5MD | NM5MD |
| 7. | 1100 | W4MNM | W4MNM |

WPX AWARD

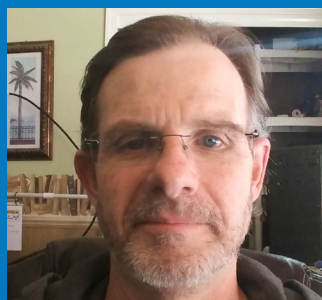
1200

| NO. | CALL | 10-10# |
|-----|--------|--------|
| 1 | KD5EDL | 71833 |

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 WAC Kevin Gilot, NZ1I, #72759 50 Cindy Lane Mystic, CT 06355-1404 (860) 572-6086
 Counties Brad Kimble, K0DBK #55192 3855 66th St. E., Inver Grove Hts, MN 55076-2222 (651) 755-9192
 Countries Mike Davidson, N5MT #24949 26274 Whispering Pines Ave, Denham Springs, LA 70726 .. (713) 417-4727
 CW Lee Zalaznik, KI6OY #50948 334 Olivina Ave., Livermore, CA 94551-6137 (925) 455-0361
 Digital Mel Sojka, KD5DE #33513 353 Atlantic Ave., Shreveport, LA 71105-2909 (318) 861-7012
 Mobile Bob Bishchoff K4QHH #26040 180 Persimmon, Rutherfordton, NC 28139-9319 (000) 000-0000
 OM/XYL Marcus Lieberman, KM5EH #71103 .. 2300 Hurley Drive NW, Albuquerque, NM 87120-1013 (505) 836-1724
 WAS Eva Donaldson, WB0CON #53964 ... 12933 W Montana Drive, Lakewood, CO 80228-4244 (303) 989-0475
 WPX Ed Bryant, KM5FF, #50356 9001 Sunbow Ave SW, Albuquerque, NM 87121-8851 (505) 934-2100
 GB Counties .. Mike Crawshaw, G4BLH #18446 Moved - New address coming No Phone

dbmorris315@gmail.com
lisnak@optonline.net
rabisch@hotmail.com
rabisch@hotmail.com
dbmorris315@gmail.com
kevinemt@tvccconnect.net
kzerodbk@gmail.com
N5MT@aol.com
lee.zalaznik@sbcglobal.net
kd5de@nwla.com
rabisch@hotmail.com
buckm1@lobo.net
wb0con@comcast.net
elbble@gmail.com
g4blh@zen.co.uk



Silent Keys

Mark Steele, KD2NOM
(#77596)

It is with sorrow that we note the following Ten-Ten members who are now Silent Keys. We extend our sincere condolences to the families and friends of those SK members whose calls and Ten-Ten numbers will forever be kept in the records of the Ten-Ten Net.

| 10-10# | Call | Name - City, State |
|--------|--------|--|
| 00151 | K0UNR | Ralph L Kleeschulte - Osceola, MO |
| 00998 | WA1CBN | John W. Coffee, Sr. - Saugus, MA |
| 01965 | K4QZV | Archibald C. McGugan - Memphis, TN |
| 02295 | K7BDY | Martin H. Heiman - Showlow, AZ |
| 02442 | W3EVX | Winston C. Sheppard - Philadelphia, PA |
| 02799 | WA3GTR | Francis W. Ader, Jr - Reading, PA |
| 03550 | WA9LVB | Frank M. Pacejka - Downers Grove, IL |
| 03797 | KS7S | James H. Skjervem - Sierra Vista, AZ |
| 04013 | WA5NRG | Jerry C. Stockholm - Beaumont, TX |
| 04883 | K4EPC | Jack Creed - Knoxville, TN |
| 05736 | WA4UTP | Robert N. Fournier - Contonment, FL |
| 05931 | W7NI | Stanley A. Griffiths - Derry, NH |
| 06052 | WB6AUW | Humphrey M. Banden Broek - Brentwood, CA |
| 08291 | W4LFP | Dr. Paul F. Andrus - Penney Farms, FL |
| 09789 | VE1ANH | Bruce Smith - St. John, NB |
| 10516 | AB0DP | Guy K. Clark - Hutchinson, KS |
| 10575 | WB4WXP | Collier J. Fountain - Gulf Breeze, FL |
| 11319 | W8GMH | Ronald R. Regal - Parma, OH |
| 11560 | K5DAH | Louis Poirrier - Pasadena, TX |
| 11769 | WA5GXH | Bertram L. Locke - Bossier City, LA |
| 12767 | K7POS | Floyd A. Loftis - Chelsea, OK |
| 13407 | VE3COO | J. Oosterdag - Barrie, ON |
| 14163 | W2RW | Richard R. Wells - Rochester, NY |
| 14243 | KN5W | Joe R. Tucker - Barnsdale, OK |
| 14907 | K9ZWH | Robert Palambo - St. George, UT |
| 15828 | WG6X | Raymond W. Petschonek - Pensacola, FL |
| 16818 | KB0ZD | Glen C. Momsen - Quincy, IL |
| 18084 | W0RFD | Kermit D. Kramer - Minneapolis, MN |
| 18395 | UR5LCV | Igor Lvovich Zeldin - Kharkov, RUS |
| 18408 | VE3EBT | David F. Tilley - Ancaster, ON |
| 20012 | K4ORY | James T. Ory - Sanibel, FL |
| 20451 | W5NF | Ben G. Lockerd - Fort Smith, AR |
| 21248 | W5CVE | Edwin D Harwood - Ardmore, OK |
| 21509 | KJ2Q | John W. Rajchel - New Hartford, CT |
| 21827 | K5QM | Jerry L. Rochelle - Altus, OK |
| 22601 | KB0BB | Don C. Bowers - Bettendorf, IA |

| 10-10# | Call | Name - City, State |
|--------|--------|--|
| 25787 | K3CHR | John E. Wright - Philadelphia, PA |
| 26116 | N4BOY | Kenneth S. Kirkland - Valdosta, GA |
| 26253 | W4KYS | Tony A. Stitt - Bristol, TN |
| 27266 | KE4DH | Lemuel M. Nash - Danville, VA |
| 27425 | KF8S | Gillford S. King - Troy, OH |
| 27663 | K2GPL | Everett A. Geiger - Upper Saddle River, NJ |
| 30165 | N4DXS | Stephen R. Veader - Dale City, VA |
| 30576 | KN3E | Edwin B. Hoeke, Jr. - Heathsville, VA |
| 31395 | KA1CNG | Dennis R. Whitten - Scarborough, ME |
| 32044 | KP4GN | Juan M. Ortiz - Guayama, PR |
| 33124 | KC9MH | Gerald C Stombaugh - Tucson, AZ |
| 33308 | KA2HHB | Ruben Echevarria - Newark, NJ |
| 33897 | N3BPB | William E. Kristoff, Jr. - Wexford, PA |
| 35322 | W1HJF | Laurence M. Rappaport - Canaan, NH |
| 36857 | NN0L | Ronald C. Borkgren - Anamosa, IA |
| 36861 | K0IVO | Erwin H. Grossman - St. Louis Park, MN |
| 38038 | KD5IN | Paul Michael Bray - Dallas, TX |
| 38436 | VO1OS | Orville Reeves - Grand Falls, NF |
| 41498 | NN5M | Thomas E. Hunt - Belton, TX |
| 43302 | N9HWK | James R. Spindler - Montain Home, AR |
| 44148 | WB3FKP | Mark P. Sklaney - Alden, PA |
| 44598 | WD8ISB | Richard A. Dell - Macedonia, OH |
| 46328 | KB6RSW | James C. Lee, Sr. - Yucaipa, CA |
| 46469 | W1LBC | Lloyd B. Coursey - Marietta, GA |
| 50299 | KL7JJN | Thor E. Christensen - Brookfield, VT |
| 50633 | K9YFY | Betty A. Barnes - Rochelle, IL |
| 51744 | WB0MNP | Kevin R. Weiskopf - Union, MO |
| 53424 | KA3TDQ | Joseph D. Sciulli - Mt. Washington, PA |
| 54173 | KA8ZKT | Thomas Kish - Tipton, MI |
| 54261 | VE3XK | Douglas E. Leach - Car[], PM |
| 54264 | VE1CDD | John Goodwin - Lower Scakville, NS |
| 54622 | KB7PI | Lyle D. Olmsted - Chehalis, WA |
| 55355 | KC6IIH | Jock A. Soutar - Barstow, CA |
| 56783 | WN7M | Roger J. Attwell - Everett, WA |
| 56948 | KC4SIT | Ernie Hollingsworth - Flat Rock, NC |
| 57309 | K9CQ | Timothy C. Childers - Jacksonville, IL |
| 58164 | N2KUR | Foster H. Carman - Ballston Lake, NY |
| 59194 | N1IFG | David J. Mancini - Ashland, NH |
| 60074 | N5VWM | Wayne L. Russell, Sr. - Gonzales, LA |
| 60524 | N3IOD | William A. Hammond, Jr. - Frankford, DE |
| 60745 | NM4T | Craig W. Behrens - Madison, AL |
| 61003 | WW8T | Gregory J. Munki - Grand Rapids, MI |
| 62723 | N2CQ | Kenneth D. Newman - West Deptford, NJ |
| 63938 | N1LX | Glenn Prewitt - Eddington, ME |
| 64842 | WA8TPP | Richard E. Ingraham - Mentor, OH |
| 65647 | KD4OZI | Paul B. Robinette - Fairview, NC |
| 66514 | N3KSB | Dean E. Arnold - State College, PA |

| 10-10# | Call | Name - City, State |
|--------|--------|---|
| 66830 | KK5WV | John C. Johnson - Geronimo, OK |
| 69411 | KN7M | Myrna L. Cross - Mesa, AZ |
| 70160 | W4YTC | Ray W. Forrester - Rainbow City, AL |
| 70674 | KF4NDH | Robert C. Holdford - Bartlett, TN |
| 71157 | LY3BY | Vilmantas Morkunas - Siauliai, LIU |
| 71336 | WA2PVK | William F. Mansey - Largo, FL |
| 71496 | W4YWH | Harold F. Blocher, Sr. - Highland Heights, KY |
| 72856 | AC7ZA | Alan P. Becker - San Jose, CA |
| 74194 | KX5S | Jimmie R. Thompson - Dallas, TX |
| 74218 | KB9ASC | Henry H. Schumacher - Wauconda, IL |
| 74625 | K1MAA | Frank J. Fascione - New Britain, CT |
| 75644 | DJ6YL | Marie-Theresia Plum - Aachen, DEU |
| 75823 | KE4BZJ | Jimmy O. Dennard - Pineview, GA |
| 76083 | W6MRK | Mark R. Klebba - Holister, CA |
| 76861 | KD7MMU | William A. Kendall - Kettle Falls, WA |
| 77026 | KR4Q | Tony J. Vaughan - Bushnell, FL |

Thanks to Lee - K2HAT - #76138, David - K6RDK - #65812, Mel - KD5DE - #33513, Garry - VA7GY - #30939, and Maty @ QST Magazine for their assistance in helping me keep the sk column as up to date as possible.

Mark 73, KD2NOM #77596

ARTICLES

There is always a need for articles in the News. There have been a couple requests for Do-It-Yourself articles. If you have something you would like to see in print please feel free to submit it. The most popular articles seem to be those relating to antennas, DIY projects, and kit building. Send your submissions to editor@ten-ten.org.



*Were you first licensed 25 years ago
and licensed today?*

**Then you should join the
Quarter Century
Wireless Association, Inc.**

To Join or Renew, Visit:

<http://www.qcwa.org/join-renew.php>

**For more information, please contact:
om@qcwa.org**

THE AMATEURS CODE by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE..... never knowingly operating in such a way as to lessen the pleasure of others.

LOYAL..... offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE..... with knowledge abreast of science, a well built and efficient station, and operation beyond reproach.

FRIENDLY..... with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED..... Radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC..... with station and skill always ready for service to country and community.

WOULD YOU LIKE TO JOIN 10-10?

Here is what you need:

1. You must hold a valid amateur operator license.
2. Your valid amateur operator license MUST authorize or qualify you for unsupervised transmitting operations in the ten meter amateur band under your own personal call sign.
3. You must make contact with ten members of 10-10 and submit a log listing all contacts, their 10-10 number, call sign, name (as received on the air), date of contact, and QTH (state/province/country). The contact form and membership application is provided on the page that follows.
4. You must remit dues for one or more year's full membership. Fee schedule and payment information can be found in Section 2 of the page that follows.

TYPES OF MEMBERSHIPS

To become a member either fill out the form on the following page and mail to the Data Manager at the indicated address or go on-line to the 10-10 web page, www.ten-ten.org and follow the links from 'membership' to 'application' and select membership category.

Primary Membership

Primary membership is available with yearly dues, although there is a special incentive available when you pay for three years at once.

Family Membership

Family membership consists of a primary member and one or more family members who qualify as a 10-10 member (has made the necessary 10 contacts) and who reside at the same location and postal address. Family memberships run concurrently with that of the primary member. Add \$5.00 for each additional family member for each year. Only the primary member will receive a copy of the 10-10 News.

Life Membership

Life membership is available and may be paid in one lump sum or spread across two or three years. For information refer to the "Life Membership Application" form on the web or contact the 10-10 Data Manager.

Senior Life Membership

Senior life membership is available to anyone who is currently 65 years of age or older. Payment can be made as one lump sum or within a one year period. For information refer to the "Life Membership Application" form on the web or contact the 10-10 Data Manager.

Family Life Membership is no longer available

Club Membership

Club membership is available to any Amateur Radio Organization which holds a valid Amateur Radio License. Application must be made by the club trustee. Dues are the same as the Primary member. No family or life memberships are available. Clubs have all the same rights and privileges as primary members except the right to vote in elections.

Electronic Membership

Electronic Membership is available to anyone who qualifies for any of the types of membership listed previously. Electronic membership means that all communications, including the 10-10 NEWS, from 10-10 to the qualifying member will be conducted via email distribution. The exception to this policy is when a member qualifies for a certificate from either one of the various QSO Parties or from one of the Awards programs.

MEMBERSHIP RENEWALS

Either fill out on the following page the top half of Section 1, including your 10-10 number and Section 2 and mail to the Data Manager at the indicated address or go on-line to the 10-10 web page www.ten-ten.org and follow the links from 'membership' to 'renewals' and select the membership category.

DATA MANAGER SERVICES

Call/Name/Address Changes

All changes are to be sent to the 10-10 Data Manager. Please include your address label (or a copy) with necessary corrections. This also can be accomplished at www.ten-ten.org using the membership/update link.

All payments may be made by Check, or Money Order. Due to banking regulations Credit Cards cannot be accepted for merchandise. Membership Services and Scholarship Donations can be made via credit card using the secure shopping cart at www.ten-ten.org

Mail to:

Data Manager, 10-10 International Net, Inc.
1349 Vernon Terrace
San Mateo, CA 94402-3331

SCHOLARSHIP DONATIONS

Donations to the 10-10 Scholarship Foundation are encouraged by our members to help fund five \$2000 10-10 Scholarships that will be awarded next year. For donations of \$25 or more you are eligible to receive a current year's lapel pin as a thank you gift. To pay by credit card, see the payment information on page 31. Your check should be made payable to the 10-10 Scholarship Foundation and sent to the Data Manager (address shown above) or the Scholarship Manager:

Larry Berger, WA2SUH
10-10 Scholarship Manager
9 Nancy Blvd.
Merrick, NY 11566-3119

TEN-TEN QSO PARTY RULES

5.2 10-10 QSO PARTIES

10-10 QSO Parties are events that are held for fun and to meet old, new and prospective members around the world. The rules listed here are for all general QSO parties. The Spirit of 76 and Open Season QSO Parties are specialty events and do have additional rules. The Anniversary and Meet the Volunteers are year long contact events.

5.2.1 WHO IS ELIGIBLE?

QSO Parties are open to all amateurs with operating privileges on the 10 meter band, however, logs will be accepted only from active members as of the date of the event with the following exception: Open Season event logs will be accepted from all amateurs. Other logs received will be handled as check logs. Check logs are used to validate (check) other logs, but do not qualify the sender for any awards. A QSO Party contact log submitted by an Amateur that intentionally submits erroneous contact information to cause errors on membership applications and awards will be considered an invalid log. Ten-Ten will not accept any log of contacts from an Amateur who had his or her membership/1010 number revoked.

5.2.2 WHEN ARE THE QSO PARTIES?

There are currently nine QSO Parties held throughout the calendar year:

Winter Phone - held on the first full weekend in February

0001 UTC Saturday through 2359 UTC Sunday.

Spring Digital - held on the last full weekend in April.

0001 UTC Saturday through 2359 UTC Sunday.

Spring CW - held on the first full weekend in May.

0001 UTC Saturday through 2359 UTC Sunday.

Open Season (PSK) - held on the first full weekend in June

0001 UTC Saturday through 2359 UTC Sunday.

Spirit of 76 - 7 day, 6 mode event centering around 4 July each year - 0001 UTC Monday through 2359 UTC Sunday.

Summer Phone - held on the first full weekend in August.

0001 UTC Saturday through 2359 UTC Sunday.

Sprint - a 24 hour event held on October 10th (10-10).

0001 UTC through 2359 UTC.

Fall CW - held on the third full weekend in October.

0001 UTC Saturday through 2359 UTC Sunday.

Fall Digital - held on the second full weekend in November.

0001 UTC Saturday through 2359 UTC Sunday.

5.2.3 FREQUENCY AND MODES

Direct unassisted contacts only are permitted. Repeater, Satellite, IRLP, Echolink, or any other similar type of assisted contacts are NOT allowed. Based on the appropriate band plan for the country of operator, CW QSO Parties should be operated in the CW area of the 10 meter band and operated using CW only. Digital QSO Parties should be operated in the digital area of the 10 meter band and operated using Digital modes only (RTTY, PSK, etc). Phone QSO Parties must be operated in the PHONE area of the 10 meter band and may be operated using any approved method (SSB, FM, AM). The SPRINT utilizes all operating modes in the 10 meter band. NOTE: A QUIET ZONE between 28.490 and 28.510 shall be in effect during QSO Parties using the Phone portion of the 10 meter band to allow for others to use the band.

5.2.4 ENTRY CLASSIFICATION

Entrants may submit a log in ANY of the following classifications:

QRP: Includes single station operators and can also include OM/XYL teams or any families or groups of people using individual call signs and 10-10 numbers. CW/Digital operations max 5 watts and Phone operations max 10 watts during the entire event.

LOW POWER: Same as QRP listed above except that output power for CW/Phone/Digital/RTTY operations is max 150 watts during the entire event.

HIGH POWER: Same as QRP listed above except that output power for CW/Phone/Digital/RTTY operations is greater than 150 watts during the event.

CLUB: A Club must have a valid club station license issued by their National Licensing Authority and must have an active 10-10 membership. Club entries must list the call, name and 10-10 number (if any) for all operators using the club call. Club operations will take place at one location using one set of equipment. Operators entering under a club entry may also enter an individual log for contacts made using their own call sign.

MOBILE: A mobile applies to car, truck, RV, motorcycle, boat, airplane or other mode of transportation. Use of a base station antenna, amplifier or commercial power is not permitted. Operation while your vehicle is parked across a county line, occupying two counties, counts as two counties and two contacts. Marine and aeronautical mobiles must be able to establish counties of operation. Safety is paramount while operating mobile. If you are unable to park near multiple county lines due to safety issues (i.e. on a bridge, on a freeway, etc.), please move to the closest area which would provide the best operating conditions and still be able to give out multiple counties. Duplicate entries are allowed when working in multiple counties. In addition to the normal log information provided the County Worked from and County worked must also be included. Mobile stations will receive awards within their own category and will not be included in the individual sections or Top Ten in the World. **Mobile entries will only be accepted for Winter & Summer Phone and 10-10 Sprint QSO Parties.**

5.2.5 TRANSMITTER INFORMATION

An operator may operate mobile, portable or fixed. If they change their exchange QTH during the QSO Party, the operator must show same in their log. The operator may enter a log from one call district, province, or DX country. Multi-transmitters (two or more transmitters operating simultaneously, sharing one call sign) are NOT permitted in any QSO Party. If a single transmitter becomes inoperable, it is permissible to change to a replacement transmitter. No matter your physical location, your QTH is the location of the transmitting antenna.

5.2.6 EXCHANGE

10-10 members send call sign, name, 10-10# and QTH (State, Province or Country). If received exchange does not have a 10-10#, then record a zero(0) in the log.

5.2.7 QSO POINTS

Two (2) points are awarded for contacts WITH a 10-10 number. One (1) point is awarded for contacts WITHOUT a 10-10 number. Duplicate entries should be retained in log and show a zero (0) for points. Any log showing 10% or more errors may be handled as a check log. A station may be counted only once regardless of mode except during certain specialty events.

TEN-TEN QSO PARTY RULES

5.2.8 CHAPTER SCORE ASSIGNMENT

Any entrant who is a chapter member may assign his/her score to that chapter. QSO Party chapter scores for the Sprint and Open Season may not be assigned.

5.2.9 QSO PARTY ENTRIES

Logs shall be forwarded to the QSO Party Manager as identified in the 10-10 NEWS or on the 10-10 web site. It is strongly suggested that logs be sent as soon as possible after the close of the event. It is also recommended that DX logs should be sent AIR Mail to insure they are received in good time. Any logs received with a postmark date AFTER the deadline date will be handled as a check log. Any logs received more than 8 days after the entry deadline, regardless of postmark, will be discarded. LOGS MAY BE SENT VIA Email to tencontest@ten-ten.org. Q95 files are not a proper format nor are they readable, therefore, they will not be accepted.

5.2.9.1 ENTRY DESCRIPTION

Entries must contain a Cover Sheet, Log and Dupe Sheet as described here: COVER SHEET will list the Event Entered, Entry Classification, US Call Area (W0-W9 or DX Country), Chapter Score Assignment (if any), number of contacts and points with 10-10#, number of contacts and points without 10-10#, and total contacts and points claimed. LOGS must be listed in date/time order and list UTC Date, UTC Time, Call, Name, 10-10# (zero (0) if none), QTH and Contact Point Value. A DUPE SHEET is required for any logs exceeding 50 contacts. It may be either a list of all calls contacted in call sign order or hand entered on a dupe sheet grid.

5.2.9.2 ENTRY DEADLINES

Entries for all QSO Parties listed EXCEPT the Sprint shall be postmarked no later than 8 calendar days (this will always be a Monday) after the close of the event. Entries for the Sprint (held on 10/10) shall be postmarked no later than October 18th, unless that day falls on a Sunday or holiday, then the postmark deadline shall be October 19th.

5.2.10 QSO PARTY RESULTS AND AWARDS

QSO Party results will be posted on the 10-10 web site about 15 days after the closing deadline for the event and also printed in the 10-10 NEWS in the appropriate issue. Awards will be issued by the certificate manager for Top Ten Individual scorers in the World, the top individual scorer in each US Call Area (W0-W9), each DX Country, and for top QRP, LOW POWER, HIGH POWER, CLUB, MOBILE and CHAPTER. Electronic certificates will be sent to the 2nd and 3rd place scorers in these categories.

5.2.11 ANNIVERSARY and MEET THE VOLUNTEERS EVENTS

These events run from January 1 0001 UTC to December 31 2359 UTC. In the Anniversary event, entrants may submit a log of contacts with members that have the anniversary year contained in their membership number. Example: 2010 is the 48th anniversary year of 10-10 International Net, Inc. Contact with members containing a "48" in their membership number (i.e., 72048, 69485, 64854, 48126, 00487) would count toward the event. Each year the anniversary number changes, making a new group of members the focus of the event and promoting the use of the 10-meter band. All general rules are applicable with the following exceptions: During the calendar year (January 1 through December 31) make legal 10-10 contacts with 10-10 Number, Date, Call Sign, QTH with members containing the anniversary year in their membership number as described above.

In the MEET THE VOLUNTEERS event, entrants may submit a log of contacts with members listed in the 10-10 NEWS as being a 10-10 volunteer. One contact per volunteer is permitted, regardless of mode of contact. In both events, contacts must be made on the 10-meter band with any legal mode (AM, SSB, FM, PSK, CW, etc.). All submitted logs must contain only one entry for each 10-10 number contacted. Contacts MUST be listed in 10-10 number order and each entry must list the 10-10 Number, Date, Call, Name, QTH and Mode, in that order. These events are for Individual entries as described in section 5.2.4 and certificates will be awarded for the TOP Ten, however all entrants will be listed in the 10-10 NEWS.

Logs MUST be postmarked no later than January 8th of the year following both the Anniversary and Meet the Volunteers events. Only members in good standing (with dues paid) are allowed to submit logs.

5.2.12 SPIRIT OF 76 (7 Days, 6 Modes) QSO PARTY

This event will run for 7 days and be around July 4th of each year. Make as many contacts as you can during the week using 6 modes. The modes that will be used are as follows as well as the suggested frequencies to monitor:

1. USB (28.345) 2. RTTY (28.086) 3. CW (28.050)
4. FM (29.600) 5. PSK (28.120) 6. AM (29.000)

Scoring will be as normal for QSO Parties, 2 points for members and 1 point for non-members. Dupes will be allowed once for each mode. It will be possible to work the same call 6 times in each of the various modes for a maximum total of 12 points per call. All other normal rules apply. Logs shall be forwarded to the QSO Party Manager.

5.2.13 10-10 SPRINT (October 10) QSO PARTY

An award will be issued for working all 10 USA Call Districts.

5.2.14 W6OI SPECIAL EVENT

This event has been cancelled until propagation conditions improve.

This special event operation is where volunteers operate the 10-10 official club stations (W6OI/VE9TEN/DL0X) seeking to work anyone anywhere. Any mode of operation is permitted. Many operators will be authorized to operate W6OI from most US states and VE9TEN from various Provinces/Territories simultaneously. DL0X is operated by Henry, DL8YBM. The purpose is to have fun promoting 10-meter activity making contacts with 10-10 members and of course, non-members. This is a great way to increase membership! Exchange is similar to any 10-10 QSO Party event - name, call, QTH, and 10-10 number if one is available. As contacts are made, provide info on the 10-10 organization and where to find our website - www.ten-ten.org. If anyone wants to volunteer to operate W6OI during this event contact Jerry, N9AC. Members in Canada should contact Rob, VE9KM for permission to operate VE9TEN.

5.2.15 FOR MORE INFORMATION

Current information about 10-10 and upcoming 10-10 QSO Parties and events are always available on the 10-10 web site. Cover sheets, logging forms and dupe sheets are also available for downloading or printing at <http://www.ten-ten.org>. Any unanswered questions regarding the QSO Party rules may be forwarded to the QSO Party Manager.

10-10 QSO PARTY COVER SHEET

QSO Party (select one):

- | | | | |
|---------------------------------------|------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> WINTER PHONE | <input type="checkbox"/> SPRING CW | <input type="checkbox"/> SPRING DIGITAL | <input type="checkbox"/> 10-10 SPRINT |
| <input type="checkbox"/> SUMMER PHONE | <input type="checkbox"/> FALL CW | <input type="checkbox"/> FALL DIGITAL | <input type="checkbox"/> SPIRIT OF 76 |

Contest Exchange:

Callsign: _____ Name: _____ 10-10#: _____ QTH*: _____
** if operating FROM mobile, enter number of counties operated from in QTH field - counties must show in log*

Entry Information:

Name: _____

Mailing address: _____

City: _____ Zip: _____

State/Province/County: _____

Your e-mail address (for contest questions only): _____

Call Area (W0-W9) or ARRL DX Country you operated from: _____

Chapter Assignment, if any (not valid in Sprint): _____

Entry Type (check one only):

- | | | | |
|--|-------------------------------------|------------------------------|---------------------------------|
| <input type="checkbox"/> LOW POWER | <input type="checkbox"/> HIGH POWER | <input type="checkbox"/> QRP | <input type="checkbox"/> MOBILE |
| <input type="checkbox"/> CLUB (if Club station, please list all operators below this line) | | | |

Claimed Score:

Contacts WITH 10-10 number: _____ X2 = _____

Contact WITHOUT 10-10 number: _____ X1 = _____

Total Contacts: _____ Total Pts: _____

Submitting Logs:

MAILED ENTRIES: All submissions must contain this cover sheet (or reasonable facsimile), the log in UTC Date/Time order, and a dupe sheet in callsign order or in grid format (if more than 50 contacts).

Mail to Dan Morris, KZ3T, 3162 Covington Way, Lenoir NC 28654, USA

EMAILED ENTRIES: All submissions can be in most formats and must additionally include all information from this cover sheet either in separate summary or as summary at head of log. Many contest programs do this for you. Dupe sheets are **NOT** required with an e-mail entry. **Q95** formats **ARE NOT** acceptable.

EMAIL to: tentencontest@ten-ten.org.

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