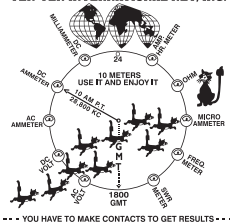


TEN-TEN INTERNATIONAL NET, INC.



TEN-TEN INTERNATIONAL **NEWS**

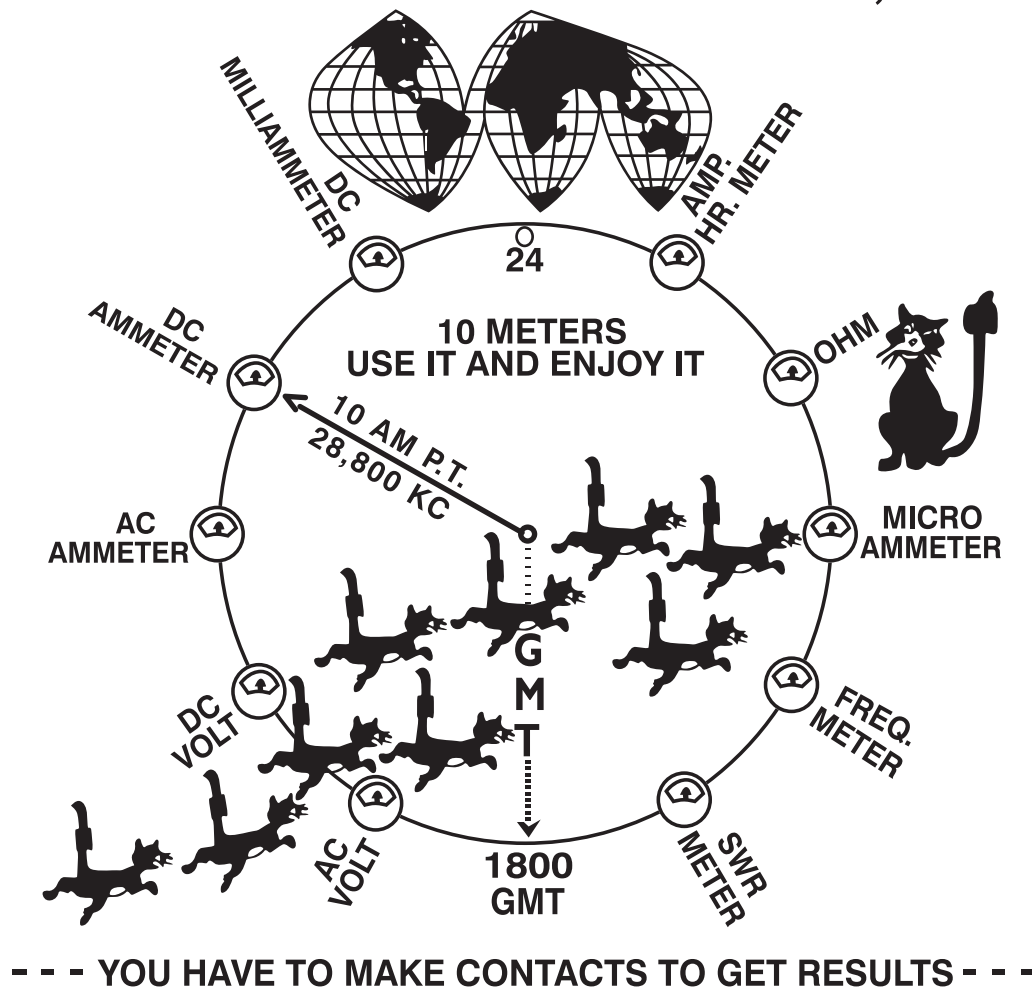


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The Ten-Ten International News

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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 March 2022

PLEASE MAIL ALL ARTICLES AND PHOTOS TO:

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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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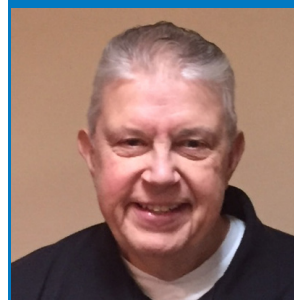
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From the Editor

Randy Mather, AJ7B
 (#7675)

Happy New Year to All! Yep, the start of another year and with it all the hopes for better days ahead. For us 10-10 folks, we sure hope to see more openings on 10 meters to increase our 10-meter contact list. So far, there have been some signs of improvement, but you really have to look for it. We just have to keep making those "CQ" calls and see who we can scare up on the band.

When I listen for the daily net on 28.380, I used to hear California and Arizona and not much else from up hear in the Northwest. Recently however, I am NOT hearing California and Arizona but more of the midwest and east coast stations. A definite indicator that cycle 25 is on the move toward supporting more long-distance communications.

These improving conditions has prompted the QSO Party Committee to restart the "Meet the Volunteers" and "Anniversary" events this year. Check out the rules for these two events toward the back of this newsletter. I hope to have lots of contacts to show you in the newsletter that will be published a year from now.

This year we will be electing new Ten-Ten officers and some directors. Take a look at the "Call for Elections" and "Timeline" later in this issue. See how you can help Ten-Ten International keep moving forward, either by making sure you vote and/or get involved by volunteering for a board position or be on a committee. Your help would be greatly appreciated.

It usually doesn't take this long to get the results of the scholarship awards for the year, but we finally got the names and letters from the 2021 winners. Please take a look at the 2021 Scholarship winners in this issue.

Randy AJ7B #7675



From the President

Mel Sojka KD5DE
#33513

UPPER-LEVEL QRM

If you had told me in 1980 when I came aboard that 10-10 would still exist at 60 years and would have issued 78,000 membership numbers I would have laughed. In that 60-year period many clubs, publications, and sorry to say many members have passed away. It has been my pleasure to serve the membership as President for 10 of those years and it is time for me to step down and allow another member to fill this position of honor. This year, the President and three Directors will be elected. I encourage qualified members to seek these offices. If your membership has been current for the past 4 years and you agree to renew for the term of office, then you meet the requirements for these positions. I encourage you to consider one of these offices. Many of our current officers have been in office for many years and it is sometimes advantageous to have new and younger members step up. With interest and activity increasing on 10 as cycle 25 builds, an active board of directors is necessary to keep pace with changes in both band conditions and new modes of operation. If you desire to seek nomination for one of the available positions, please contact the chair of the nominating committee, Larry Berger WA2SUH. His contact information is on page 2 of this publication.

There are many positions available that are not filled through elections, but by simply volunteering. There are Award Manager positions, and several committees that need members to come forward. If you would like to be considered, please contact me via email; and I will assist you and explain the offices available.

From time to time I am amazed by some of the comments I get concerning operation on the band. Recently a member seeking an award told me that his logging program automatically inserted the 10-10 number for the call sign contacted. I did my best to convince him that that was not a valid contact. Next, he asked that if he had made a legal exchange in another mode, could he use the exchange in FT8. What many apparently do not understand is that the exchange on the air is our primary method of advertising 10-10. Over the past 60 years, that exchange has broadcasted the existence of the organization.

The band is full of surprises. While I was away from September 29 till October 21, I missed two QSO events. I also missed the CQWW event. Apparently,

there was some band openings for these. I tried to operate during the digital QSO Party but there was some type of solar event that killed the band. I check the band daily for the nets at least and watch the solar flux every day. I suspect that the 10-meter event in December will blow the band wide open. That is kind of weird. To open the band you must call CQ. Trust me, if I can copy beacons, I will call CQ on phone, CW, and maybe BPSK 31.

In honor of 10-10's 60th anniversary, some chapters could have a special event during the year. It seems like just a few weeks ago I was working on the 25th anniversary event. Hopefully the pandemic will become a thing of the past and things will return to some semblance of normal. I am looking forward to the Orlando Hamcation. That was the only event in 2020 and until the Huntsville event this year, hamfests were few and far between. There was a Shreveport hamfest the weekend before the Huntsville Alabama event. At that time, I was recovering from a surgery and it prevented me from traveling. I am still in recovery and therapy to regain the full use of my hands. I am making significant progress. Therefore, I am set for Hamcation and hopefully the Hamvention this year.

I consider Chapters and Chapter activities critical to the growth and strength of the organization. Chapters are subject to poor band conditions just like all amateur radio activities. Locally we came up with a plan to create chapter activity no matter what the conditions were on 10 meters. Basically, it involved bonding with another local amateur club. In the case here, we bonded in a sense to the Shreveport Amateur Radio Association. This was accomplished by holding the local 10-meter net immediately after the local 2-meter weekly net. Eventually this led to all of the officers of SARA becoming members of 10-10 and thereby encouraging other local and new amateurs to do the same. Another resource is a monthly gathering at a local café followed by an amateur meet and greet. We have used this event to hold qualifying nets to gain new 10-10 members. As a result, our weekly chapter net has an average of 25 check ins and there is always enough to qualify a visitor that happens by. The only challenge is to get all these members involved with the QSO Parties. Personally, that would be a fantastic result of our local effort.

Looking back over the past two years my greatest desire is to see an end to the world-wide pandemic that has resulted directly or indirectly to the loss of so many lives. Locally we have lost 5-chapter members, including one of the founding members. These losses are indirectly a result of the COVID-19 virus, but probably would not have occurred otherwise. Maybe as a result of this long-term crisis, folks have grown more aware of how fragile life really is. For me, this year has been a challenge medically. It is my prayer that each of you have a very healthy 2022 and hopefully we can meet on the band.

God Bless & 73
Mel KD5DE #33513

SPECIAL ANNOUNCEMENT

With the return of better band conditions and in celebration of the 60th year of 10-10. The QSO Party committee voted to reinstate the Worked all Volunteers and the Anniversary events. Full details on both are elsewhere in this edition, as well as the current list of volunteers.

NEW LIFE MEMBERS

48240	W9LUQ	Ted Neuburg	WI
67431	K9GFY	Wayne R Busa	IL
77917	WB8YST	Jimmie Lee Mangus Jr	WV
77918	KE5WCT	Michael EWilson	TX



10-10 NET CONTROL STATIONS

ALL NETS BEGIN AT 1800Z

Mon (28.380)	Open, N6OPR	#45715	AZ
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)	Open, WB6OJB	#70675	CA
Thu (28.380)	Bob, N6OPR	#45715	AZ
Thu (28.800)	Robert, W4SOT	#63201	NC
Fri (28.380)	Open. Contact Bob N6OPR for info		
Fri (28.800)	Tim, K1IEB	#74965	AZ
Sat (28.380)	Open, N6OPR	#45715	AZ
Sat (28.800)	Open. Contact Bob N6OPR for info		
Alternate	Open. Contact Bob N6OPR for info		
Sunday	NEVER ON SUNDAY		

NET CONTROL STATIONS NEEDED

Needed: Net Control Station for the 28.380 and 28.800 MHz Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via e-mail: N6OPR@msn.com.



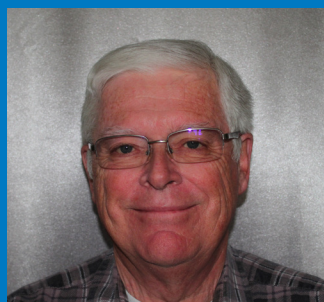
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**Then you should join the
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**For more information, please contact:
om@qcwa.org**



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 April, May or June of 2022, please let me know before February 28th so I can include the details in the April 2022 newsletter.

3) Reminder of Quarterly Reports Due: **In Extremis** (no report in over a year): Colorado Centennial/Frontier Gang (11/2019), Down Under (12/2019), Route 66 (11/2019). **If anyone has information about Colorado Centennial, Down Under or Route 66**, please contact me. Otherwise, these chapters may be declared QRT. **Past Due** (no report received during the prior quarters when due): none. Reports received after November 30 (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 first quarter 2022:** Alii (Mar), Branding Iron (Jan), New Mexico Mud Ducks (Mar). Note that Quarterly Chapter Reports may be sent any time. The months indicated here are the dates in 2021 in which the last report was received.

4) I thank **ALL CH/CM** who sent me a **complete report** during 2021 so I have up to date contact and net information. Other chapters, please send me a complete report in 2022. 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. If you do not have internet access, let me know and I will send you a blank form that you can copy and submit.

5) Poor propagation in recent years has certainly affected Chapter Net activity. But hang in there – conditions are improving. One of the primary purposes of Ten-Ten International is to promote activity on this band, especially in such times as these.

CHAPTER NEWS

1) Congratulations to **Castle Craig Chapter** on their 40th anniversary. In the Fall 1982 issue of 10-10 International News, Connie Hauck, K6EXQ, announced the new chapter's formation. Al, WA1NPX (AA1DO – SK) was the first Chapter Head and AL, N1API, was the Certificate Manager, a position he still holds. You can celebrate with them as Castle Craig will offer a 40 point free upgrade to anyone who either upgrades their Castle Craig Plus Award for all of 2022, or if you do not have enough points for an upgrade, simply email CM A1API and ask for your Anniversary Upgrade. The 40th Anniversary Upgrade starts January 1, 2022 and ends December 31, 2022. We are pleased to recognize Castle Craig as one of the longest continuing chapters in 10-10.

2) Several chapters report still using Zoom in lieu of face-to-face chapter meetings. Hopefully, as Covid restrictions continue to ease, regular meetings may begin to resume.

3) No one having come forward to become CH, **Cradle of the Confederacy** is declared **QRT**. However, Lew, K1AZE, and Ed, W4EDD are continuing to call the weekly nets on Thursday 0000/0100Z at 28.350 and we urge you to support them. Perhaps someone will step up to reaffiliate the chapter. This continues to point out a continuing problem of losing chapters when the CH and/or CM become unable to continue. **All chapters are asked to plan for succession of leadership.** To aid in such planning, IT Manager, Jeff, N7YG, is setting up FTP accounts on the 10-10 server where chapters can save their data. **All CH:** contact Jeff for the details if you wish to take advantage of this opportunity.

4) Aloha Chapter reports they have several local radio operators looking for the last few 10-10 numbers in order to qualify for their own. Since propagation seems to be improving, point your antennas west and help them out!

5) **Oregon Trail** has suspended point collection, due to lack of interest in points, except for the "Lone Rider" mobile program and "Specials" as announced by the CH. Save your existing points records, though, in case they are reinstated if/when propagation improves.

6) Chapters below accept email upgrades as of November 30. 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

Down Under – CM ZL1AFU, zl1afu@nzart.org.nz

Fort McHenry/Cornerstone/Yodar Kritch – CM K3TUI, k3tui@juno.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

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

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

Oregon Trail – CH/CM K7QXG, k7qxg2@gmail.com

Speedway – CM W7CAR, w7car@arri.net

Steamboat Plus – CM KD5DE, kd5de@nwla.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 December 1, 2021

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0001	0100	Chesapeake Bay	Chestertown, MD	28345	WED	0001	0100	Castle Craig	Meriden, CT	28375
SUN	1300	1400	Arlington	Arlington, VA	29200	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	1930	1930	Route-66	Boonville, IN	28370
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	28485
MON	1730	1730	Chief Seattle	Seattle, WA	28430	THU	0230	0330	Up The Crick	Eugene, OR	28450
TUE	0000	0000	Possum Trot	Raeford, NC	28150 CW	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	1000	Steamboat Plus	Shreveport, LA	28430
TUE	0100	0200	City of Lights	Aurora, IL	28150 CW	FRI	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0130	0230	City of Lights	Aurora, 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
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835						
WED	0000	0000	Possum Trot	Raeford, NC	28345						



DX News

Mike Davidson, N5MT
(#24949)

Welcome to the Winter DX season of the 10-10 DX News.

I want all to know we have seven new 10-10 members from Hawaii join the past six months. New DX members get listed at the bottom of this news, so read on for more info.

Well I see several Europeans hams are traveling for DX. I just missed 3A3A from Monaco, the call was used by five ops who were in the CQWW SSB contest at the end of October. The 10-10 member that was in the group was Dmitri UA9USU #54234. Dmitri reports on QRZ.com that he has been to 119 countries and you can see a list of his call signs under his UA9USU callsign details. Dmitri might operate from the south pacific ocean area in Nov/December. There is only one 10-10 member living in Monaco, he is Claude 3A2LF #36994 who likes to operate low power. We have made several QSOs on the radio, just not on Ten. Claude likes CW over SSB and the large mountain west of his station hampers his weak signal, so good luck in talking to Claude in Monaco.

I survived hurricane Ida with one tree blown down and no damage to the house or antennas. We were without power for 70 hours but I had a generator that kept my food cold during the power outage. I cut up the tree and stacked the limbs out at the street for pickup so the yard is now clean.

Ida was a Cat 4 storm when it went through my hometown in Terrebonne parish which is 70 miles from where I now live. Ida slowed down its path and reduced its winds to a Cat 1 storm when it reached the Baton Rouge area. The hurricane eye came about 20 miles east of my house and we had a big gust of wind, estimated at 80 mph, bring down trees. The higher winds for this hurricane were much worse this year, as compared to weaker storms last year! Ida's winds easily brought down trees, and damaged roofs and power lines. I read that an estimated million trees were blown down by Ida. New Orleans lost all power when their main power line feed going across the Mississippi river came down and it took ten days to hook up a temporary replacement. Ida was not a flooding hurricane like 2005 Katrina but the damage was bad.

OK now for better ham propagation news.

We are seeing increased sun spots appearing on the Sun. This is increasing the solar flux that is available and the new flux has helped cycle 25 to give us better skip conditions on Ten. The 10-10 Day Sprint is over for my station and I was able to talk into Europe about six times during the Sprint. I was having trouble with my vertical antenna due to a lightning strike. My backup antenna was a dipole mounted about 12 ft off the ground for most of the Sprint on Oct 10th. The east coast of the USA and South America have been talking into Europe the past three months, so good luck.

I continue to hope all who are reading this can feel safer from the Covid virus by having been vaccinated. At the end of November 2021, we are seeing good relief with hospital admissions and critical equipment usage. We also see people that avoided vaccination earlier or now waiting in line to get covered and there is now another recently discovered mutation. Even some of us that were vaccinated have come down with mild cases so its still a problem and no one knows how Covid will react this winter for us and in 2022.

Remember, its also Flu season so get your Flu shot as well and Covid mutated just like the Flu has, so we probably have not seen the end of Covid mutations. The Covid virus is not going to be gone until 80-90 percent of us get vaccinated. Please listen to the medical science instead of the rumors so get protected and stay safe.

The 15-17-20-30 meter bands were the best DX bands this fall so keep looking for winter DX, when Ten is not open.

Stay on the radio and call CQ to see where you can talk. When propagation is poor on Ten, use FT8 and you might find stations to work when you think the band is closed. Here in Louisiana, the FT8 QSO's were better than SSB and a lot of QSO's were put in the log.

I see more reports of an increase in DX traveling this winter season as less travel restrictions have allowed air travel to increase. I do not expect a new 10-10 country to show up on Ten for a few years. Because of the pandemic, weak propagation, and many DX ops staying home, the amount of news reporting is still reduced. Keep using your station to find DX that may be calling CQ on a band besides Ten.

Use our 10-10 website for all award rules and if you are a paid up dues member, you qualify for all 10-10 awards, you can print out the 10-10 award form on the website and send it to the 10-10 awards person as listed on the form at no cost. And no QSL cards are required for all of our awards.

As the 10-10 Countries Award Manager, I follow most all of the ARRL DXCC award rules. But you must have exchanged your Callsign, Name, State and 10-10 number over the air only on Ten, and record that members information on your award application. The honor system does apply for all contacts on 10-10 awards. I keep the 10-10 DX records with my job as the DX Countries Award

manager. As of December 2021, there remains 22 countries that have not been worked for 10-10 country credit as published in the March 10-10 News.

Congratulations to VE3XN Garry #10120, has been inducted into the Canadian Amateur Radio Hall of Fame by Radio Canada. Garry has been a ham for 55 years and was a geography teacher when he got into DXing and his love of collecting QSL's.

Countries Award: There were no Countries Award application submitted this past quarter.

NOTE: There has been no legitimate EZ Turkmenistan radio activity since August 2006 for DXCC. The rumors of 8P Barbados being a new DXCC entity are just rumors. Nothing has changed in its DXCC status.

You can download the DX'ers Handbook written by Bryce Anderson K7UA, at website: www.K7UA.com.

GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

C9 Mozambique Island. My friend Elvira IV3FSG #54292, was in Mozambique until November 30th using SSB and digital with callsign C92R. No reports.

4U United Nations. The remote ham radio station 4U1UN #55555, in the New York UN building, has been on the air but only from its radio beacon on 28200 MHZ. So watch DXSummit for QSO reports and hope for a band opening.

8Q Maldives. Tom WV6E #61526 was using call 8Q7JT in November but no reports of Ten meter QSOs.

DP0 Antarctica. Felix DL5XL #55519, is in Antarctica at the German Polar Institute station callsign DP0GVN.

EY Tajikistan. Ken K4ZW #18573, was in Tajikistan for a short visit as EY/ K4ZW during early October.

HC8 Galapagos. Gerard F2JD #63443 and Flo F5CWU #71813, were on Galapagos from October 26th to November 7th with a DX group using call HD8R.

HP Panama. Steve HP9SAM #75838, likes to operate on Ten when the band is open on Saturday mornings. We talked several times in November as he tries to be on the LA Pelican net on 28450 MHZ at 1510 UTC Saturdays.

HR Honduras. Dennis W1UE #10948 was on Rotan Island at the end of November using call HQ9X or W1UE/HR9.

J6 St. Lucia. Bill K9HZ #2618 was back in St. Lucia from October to November 2nd using call J68HZ on CW, SSB and FT8.

KL7 Alaska. George KF2T #66749 and James K6ZH #40118 were using call KL7RA during the CQWW CW.

LX Luxembourg. Andy LX1DA #50458, was using the callsign LX40DA in October on FT8 and will be using the special call until December 31st.

P4 Aruba. John W2GD #14109 was operating as P40W from October 26-31st. He was on SSB for the CQ WW DX contest but in November for the CW contest, the call was P44W.

YN Nicaragua. Rob DM4AO #23450, was on the air for CQWW CW on November 27-28th as YN5AO.

UPCOMING DX & NEW 10-10 ACTIVITY:

HR Honduras. Gerard F2JD #63443, will be on from Copan from December 8th to April 5, 2022 on CW, SSB and digital modes on HF. Call HR5/F2JD. LoTW.

V4 St. Kitts and Nevis. Charles KG9N #17038, will be using call V4/KG9N on the islands from February 8th to March 1, 2022.

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>.

DXCC Most Wanted at: <https://Secure.Clublog.org/mostwanted.php>.

NEW-> History of ARRL DXCC program:

<http://ebarc.org/pdf/dx-entity-history.pdf>.

NEW-> Ham Lookup various ways:

<http://Haminfo.tetranz.com.map>.

NEW-> Ham website for LoTW users:

<http://www.hb9bza.net/lotw-users-list>.

Propagation: I expect the solar flux to range from 78-114 during the Winter which means the flux continues to rise as we get more spots on the sun for cycle 25.

The 2021 Winter Solstice is on December 21st. Winter starts in the northern hemisphere and the Sun is below the equator giving the US its longest night times and shortest day of the year. In the southern hemisphere, summer starts on this day. Cycle 25, started on November 17, 2019. The Sun was really active a year ago in December 2020 but now has quieted down with a slow rising flux. A solar flux maximum of 125 has been forecast by NOAA for the winter of 2024.

Sunspots are counted by looking at the Sun but Solar flux is measured by radio at 2.8 GHz.

The 2021 monthly maximum flux was: Jan 79, Feb 79, March 79, April 85, May 81, June 94, July 95, Aug 90, Sept 102, October 112 and November 100. Average 90.5.

The 2021 monthly minimum flux was: Jan 70, Feb 67, March 72, April 71, May 70, June 69, July 73, Aug 71, Sept 75, October 76 and November 78. Average 72.0.

On December 1st, the solar flux was 89, the A index was 11 and K index was 4. There were several good sunspot regions on the Sun the past month and this helped increase the solar flux the past months. The USAF solar flux forecast for December 1st to January 15th is from a high of 94 to a low of 78 with most days ranging from 79 to 85.

My Prediction: Over the next three months, the best conditions on Ten could

be: Christmas - December 25-29th, January 2022: 19-24th, February 15-19th and March 13-16th. For the USA, expect a 40% chance of DX to Europe or Asia with a 75% chance of DX to South America or into the Pacific. Listen for the CW beacons from 28.175-28.300 to see if Ten Meters is open and always use WSJT-X FT8 for all weak/low propagation QSO's.

There were four new 10-10 DX members joining from September to November 2021. September: none; October: DG3WN 77915, WH6GPG 77919, NH6ET 77920; and November: WH6WAV 77927.

Thanks to the Daily DX by Bernie W3UR #25731 and the Ohio/Penn DX Bulletins. This DX News edition is my number 125th of DXing reports. DX Info to: Mike Davidson, 26274 Whispering Pines Ave, Denham Springs LA 70726 USA and Email: N5MT@aol.com.

DX IS! 73 Mike Davidson N5MT #24949

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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 at www.ten-ten.org

TOP TEN HONOR ROLL

No.	CONTACTS	CALL	10-10#
1.	24600	WA5JDU	3017
2.	11700	K0PV	9902
2.	11700	N5XZ	4530
4.	11300	DL8YBM	36109
5.	10600	N1API	25468
6.	10000	K6PZE	1341
7.	9800	N5DAS	35877
8.	8800	AC6FU	10937
9.	8300	N6OPR	45715
10.	8200	K5FBS	48461

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

DIGITAL AWARDS

800 CONTACTS

NO.	CALL	10-10#
2	WA2HMM	40510



Net Report

Bob Farrow, N6OPR
(#45715)

Net Report for 3rd Quarter 2021

Monday Nets

28.380 MHz			28.800 MHz		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
5-Jul	8	1	5-Jul	3	0
12-Jul	10	1	12-Jul	5	0
19-Jul	10	0	19-Jul	5	0
26-Jul	7	0	26-Jul	5	0
2-Aug	7	1	2-Aug	4	0
9-Aug	12	2	9-Aug	4	0
16-Aug	8	0	16-Aug	3	0
23-Aug	7	0	23-Aug	3	0
30-Aug	6	0	30-Aug	2	0
6-Sep	7	0	6-Sep	3	0
13-Sep	11	2	13-Sep	XXX	0
20-Sep	11	2	20-Sep	XX	XX
27-Sep	8	0	27-Sep	XX	XX

Tuesday Nets

28.380 MHz			28.800 MHz		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
6-Jul	7	0	6-Jul	XXX	0
13-Jul	15	3	13-Jul	XXX	0
20-Jul	7	0	20-Jul	XXX	0
27-Jul	7	0	27-Jul	XXX	0
3-Aug	8	1	3-Aug	XXX	0
10-Aug	12	0	10-Aug	XXX	0
17-Aug	8	0	17-Aug	XXX	0
24-Aug	10	0	24-Aug	XXX	0
31-Aug	7	0	31-Aug	XXX	0
7-Sep	7	0	7-Sep	XXX	0
14-Sep	10	0	14-Sep	XXX	0
21-Sep	9	0	21-Sep	XXX	0
28-Sep	7	0	28-Sep	XXX	0

Wednesday Nets

28.380 MHz			28.800 MHz		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
7-Jul	19	8	7-Jul	4	0
14-Jul	12	0	14-Jul	3	0
21-Jul	5	0	21-Jul	5	1
28-Jul	7	0	28-Jul	XX	XX
4-Aug	16	4	4-Aug	XX	XX
11-Aug	10	1	11-Aug	XX	XX
18-Aug	7	0	18-Aug	2	0
25-Aug	10	0	25-Aug	xx	xx
1-Sep	6	0	1-Sep	XX	XX
8-Sep	15	2	8-Sep	XX	xx
15-Sep	5	0	15-Sep	XX	XX
22-Sep	8	0	22-Sep	XX	XX
29-Sep	5	1	29-Sep	2	0

Thursday Nets

28.380 MHz			28.800 MHz		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
1-Jul	13	1	1-Jul	6	0
8-Jul	20	5	8-Jul	4	2
15-Jul	4	0	15-Jul	3	1
22-Jul	12	4	22-Jul	2	0
29-Jul	8	1	29-Jul	2	0
5-Aug	6	0	5-Aug	3	1
12-Aug	6	2	12-Aug	4	1
19-Aug	6	1	19-Aug	3	1
26-Aug	10	3	26-Aug	3	1
2-Sep	7	1	2-Sep	3	0
9-Sep	6	0	9-Sep	5	2
16-Sep	2	0	16-Sep	5	2
23-Sep	8	0	23-Sep	6	3
30-Sep	6	0	30-Sep	3	0

Friday Nets

28.380 MHz			28.800 MHz		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
2-Jul	XX	0	2-Jul	11	0
9-Jul	XX	0	9-Jul	12	0
16-Jul	XX	0	16-Jul	9	0
23-Jul	XX	0	23-Jul	XX	XX
30-Jul	XX	0	30-Jul	XX	XX
6-Aug	XX	0	6-Aug	8	0
13-Aug	XX	0	13-Aug	7	0
20-Aug	XX	0	20-Aug	8	0
27-Aug	XX	0	27-Aug	8	0
3-Sep	XX	0	3-Sep	9	0
10-Sep	XX	0	10-Sep	9	0
17-Sep	XX	0	17-Sep	6	2
24-Sep	XX	0	24-Sep	4	0

Saturday Nets

-----28.380 MHz -----			-----28.800 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
3-Jul	5	1	3-Jul	XX	0
10-Jul	3	0	10-Jul	XX	0
17-Jul	5	0	17-Jul	XX	0
24-Jul	7	3	24-Jul	XX	0
31-Jul	13	5	31-Jul	XX	0
7-Aug	4	2	7-Aug	XX	0
14-Aug	6	2	14-Aug	XX	0
21-Aug	6	0	21-Aug	XX	0
28-Aug	3	0	28-Aug	XX	0
4-Sep	3	0	4-Sep	XX	0
11-Sep	6	0	11-Sep	XX	0
18-Sep	5	0	18-Sep	XX	0
25-Sep	3	0	25-Sep	XX	0

XX NO NET CALLED
XXX NO REPORT RECEIVED

**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!!!**

QSL Bureau News

The QSL Bureau manger, Jim Stoeber WI9X #49635 became a Silent Key. Contact Mel Sojka if you are interested in managing QSL cards for the 10-10 International Net.

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

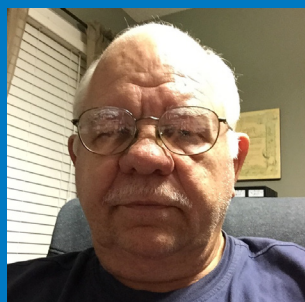
<https://wi5v.net/author/wi5v>

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.

AWARDS MANAGERS

BAR 100-900 ..	Dan Morris, KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	dbmorris315@gmail.com
Bar 1000+	Tony Lisnak, N2WIE, #66790	192 Greenvale Ave, Yonkers, NY 10703	(914) 476-4032	lisnak@optonline.net
VP Bar	Open			
VP WAS	Open			
VP Lucky 13 ..	Dan Morris KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	dbmorris315@gmail.com
WAC	Kevin Gilot, NZ1I, #72759	50 Cindy Lane Mystic, CT 06355-1404	(860) 572-6086	kevinemt1d@tvconnect.net
Counties	Mark Tatlor Murphy, KC4HIT #57488 ..	PO Box 936, Conover, NC 28613-0936	(828) 466-1505	kc4hit@gmail.com
Countries	Mike Davidson, N5MT #24949	26274 Whispering Pines Ave, Denham Springs, LA 70726 ..	(713) 417-4727	N5MT@aol.com
CW	Lee Zalaznik, KI6OY #50948	334 Olivina Ave., Livermore, CA 94551-6137	(925) 455-0361	lee.zalaznik@sbcglobal.net
Digital	Mel Sojka, KD5DE #33513	353 Atlantic Ave., Shreveport, LA 71105-2909	(318) 286-2963	kd5de@nwla.com
Mobile	Open			
OM/XYL	Marcus Lieberman, KM5EH #71103 ..	2300 Hurley Drive NW, Albuquerque, NM 87120-1013	(505) 836-1724	buckml@lobo.net
WAS	Eva Donaldson, WB0CON #53964 ...	12933 W Montana Drive, Lakewood, CO 80228-4244	(303) 989-0475	wb0con@comcast.net
WPX	Ed Bryant, KM5FF, #50356	9001 Sunbow Ave SW, Albuquerque, NM 87121-8851	(505) 934-2100	elbble@gmail.com
GB Counties ..	Mike Crawshaw, G4BLH #18446	35 Edward Drive, Clitheroe, Lancashire, England BB7 1EF ..	No Phone	g4blh@zen.co.uk



QSO Parties

Dan Morris, KZ3T
(#41015)

2021 SPRINT QSO PARTY

10 - May

TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. DL8YBM	36109	47	318	412
2. N6OPR	45715	41	45	127
3. AB6QM	63114	26	32	84
4. K8CTM	77275	15	41	71
5. WN6K	13067	11	36	58
5. N1DFD	65460	11	36	58
6. KM4ODS	77504	8	40	56
7. DO1RWM	77897	18	2	38
8. K8DEL	2978	6	24	36
8. KG5ZMQ	77628	18	0	36
9. WB6IZG	55393	11	13	35
10. N1API	25468	0	33	33

CALL AREA ORDER

CALL AREA 0

CALL	10-10#	CTX W	CTX WO	TOTAL
W0RTV	13962	2	3	7

CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
N1DFD	65460	11	36	58
N1API	25468	0	33	33
N1YKH	70147	2	10	14

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2SUH	407	2	7	11

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
KM4ODS	77504	8	40	56
AK4YS	75328	6	0	12
KI4W	62657	4	2	10
N3FNE	52799	1	0	2

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
KG5ZMQ	77628	18	0	36
N5MT	24949	4	20	28
KM5FF	50356	4	5	13
AD5IF	73372	3	2	8
KM5EH	71103	2	3	7
N0LD	68878	1	4	6
KD5ILA	77652	0	4	4

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
AB6QM	63114	26	32	84
WN6K	13067	11	36	58
WB6IZG	55393	11	13	35
KE6FQC	69047	3	1	7
N6GP	21149	2	1	5

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
N6OPR	45715	41	45	127
KR7RK	63324	0	3	3

CALL AREA 8

CALL	10-10#	CTX W	CTX WO	TOTAL
K8DEL	2978	6	24	36
NK8I	77909	2	6	10

CALL AREA 9

CALL	10-10#	CTX W	CTX WO	TOTAL
K8CTM	77275	15	41	71

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
AK4YS	75328	6	0	12
AD5IF	73372	3	2	8

COUNTRY ENTRIES**GERMANY**

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	47	318	412
DO1RWM	77897	18	2	38
DL6DK	39944	11	4	26

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
AB6QM	63114	26	32	84
K8CTM	77275	15	41	71
WN6K	13067	11	36	58
N1DFD	65460	11	36	58
KM4ODS	77504	8	40	56
DO1RWM	77897	18	2	38
N1API	25468	0	33	33
N1YKH	70147	2	10	14
KM5FF	50356	4	5	13
WA2SUH	407	2	7	11
KI4W	62657	4	2	10
KE6FQC	69047	3	1	7
KM5EH	71103	2	3	7
W0RTV	13962	2	3	7
N0LD	68878	1	4	6
N6GP	21149	2	1	5
KD5ILA	77652	0	4	4
KR7RK	63324	0	3	3
K2CWM	9712	0	2	2
N3FNE	52799	1	0	2

HIGH POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	47	318	412
N6OPR	45715	41	45	127
K8DEL	2978	6	24	36
KG5ZMQ	77628	18	0	36
WB6IZG	55393	11	13	35
N5MT	24949	4	20	28
DL6DK	39944	11	4	26
NK8I	77909	2	6	10

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
DF0IA	68914	47	318	412	DL8YBM
K4MN	24874	8	40	56	KM4ODS
NM5H	68588	4	20	28	N5MT
DL0BIC	77526	11	4	26	DL6DK

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
VA3EON	0	1	0	2	0

2021 FALL DG QSO PARTY**Nov 13 - 14****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N4ZCG	56067	16	29	61
2. WA2HMM	40510	2	25	29
2. KJ5RC	67815	0	29	29
3. AK4YS	75328	8	1	17
4. N3GTU	50585	7	2	16
5. KM4ODS	77504	6	0	12
6. W2VTV	71275	1	8	10
7. N4ERM	34524	2	0	4
8. KF4JDR	77817	1	1	3

CALL AREA ORDER**CALL AREA 2**

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	2	25	29
W2VTV	71275	1	8	10

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	16	29	61
AK4YS	75328	8	1	17
N3GTY	50585	7	2	16
KM4ODS	77504	6	0	12
N4ERM	34524	2	0	4
KF4JDR	77817	1	1	3

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ5RC	67815	0	29	29

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
AK4YS	75328	8	1	17

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	16	29	61
WA2HMM	40510	2	25	29
KJ5RC	67815	0	29	29
N3GTY	50585	7	2	16
KM4ODS	77504	6	0	12
W2VTV	71275	1	8	10
N4ERM	34524	2	0	4
KF4JDR	77817	1	1	3

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
POSSUM TROT	8	141

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NZ4FF	77686	7	2	16	N3GTY
K4MN	24874	6	0	12	KM4ODS

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
KK4TBC	0	3	0	6	0

2021 FALL CW QSO PARTY**Oct 16 - 17****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N4ZCG	56067	11	6	28
2. KM4ODS	77504	4	10	18
2. K4FET	77603	7	4	18
3. AK4YS	75328	8	0	16
4. N6GP	21149	4	0	8
5. K2CWM	9712	0	2	2

CALL AREA ORDER**CALL AREA 2**

CALL	10-10#	CTX W	CTX WO	TOTAL
K2CWM	9712	0	2	2

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	11	6	28
KM4ODS	77504	4	10	18
K4FET	77603	7	4	18
AK4YS	75328	8	0	16

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
N6GP	21149	4	0	8

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	11	6	28
KM4ODS	77504	4	10	18
K4FET	77603	7	4	18
N6GP	21149	4	0	8
K2CWM	9712	0	2	2

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
POSSUM TROT	5	98

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
K4MN	24874	4	10	18	KM4ODS

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
KK4TBC	0	1	0	2	0

10 METERS IS WARMING UP

Tuning 10-meters, you may find SSB/CW activity is not there. But tune to the FT8 frequency of 28.074 MHz, and there are stations there. Here on the North East coast of the USA, mornings have yielded South America, Europe, Africa, Middle-East, Pacific area, Asia, and the USA. Afternoons have yielded South America, Africa, and the Middle-East. Although not always you will find these stations, but they have been coming through. FT8 has allowed hams to make QSOs that other modes would not have. It has been said, "when 10-meters is OPEN "you can work DX with 1 watt and a wet string antenna". We have not reached the height of this Solar Cycle yet, but propagation is improving. During this last "1010 Sprint"; I called CQ on a quiet frequency, HZ1SK Samir in Saudi Arabia answered. Although 10-meter propagation is still spotty, and not "hot" yet. Drop by 28.074 MHz (FT8), if it appears quiet, try a CQ. You might be surprised at who may respond. It might be me... Check out the Video on the 10-10 Web-site Home page, for how to make 10-10 QSOs with FT8.

73 Charlie, WA2HMM, #40510

A 10 METER MARITIME ADVENTURE

By Matthew G. Vurek, N4DLA, 10-X 22509

In March 1992, I was employed by the U.S. Department of Veterans Affairs at their medical center in Palo Alto, California. Inside a small room at the Western Blind Rehabilitation Center (Building 48) was an amateur radio station generously donated by the local American Legion Amateur Radio Post. It featured a Kenwood TS-440SAT connected to a Butternut HF vertical on the roof of the two-story building. The FCC did not issue new club station licenses from 1978 until 1996 so there was no club callsign.

Ten meters has always been my favorite HF band. On March 9, 1992, during my lunch break, KD6FND maritime mobile answered my CQ on 28.337 MHz. His signal was 59, and with his 6th district callsign, I thought he was sailing on the nearby San Francisco Bay. Imagine my surprise when KD6FND replied, no, he was sailing southwest on the Pacific Ocean en route from Ventura in Southern California to the Marquesas Islands in French Polynesia! Don, who was aboard the 35-foot sailboat Rhiannon, said he had just received his Novice class license but that meant his only HF voice privileges were on 10 meters.

During our first contact, Don provided his coordinates and then gave me his home telephone number in Ventura. He asked me to pass a message to his wife that he and his brother (the yacht's skipper) were okay, the boat was fine and they were making good progress. I dutifully wrote his message up in ARRL Radiogram format and, that evening, called his wife Carol from my home phone. She was delighted to receive the Radiogram and dictated a message to me to send back to Don during our next QSO.

Thus began daily 30 minute or so QSOs at 12 noon California time with KD6FND. Propagation was excellent and we both had strong signals during each contact. However, a few days after our first QSO, KD6FND reported the yacht's satellite navigation system had failed. As a result, they resorted to using their nautical charts and a sextant. Fortunately, other amateur stations soon joined my QSOs with KD6FND. They were glad to help Don with weather reports, navigation assistance and even phone patches.

Unfortunately, my VA superiors had no interest in my lunchtime radio activity, despite the positive publicity it could have brought to the medical center. They actively discouraged me from using the amateur radio station and eventually ordered me off the air, even though my operations were during authorized break times. With KD6FND in range of other hams who had much more sailing and maritime radio experience than me (as well as phone patch equipment), I wished Don the best of luck and signed off with him for the last time in late March, a few days before he arrived in Hiva Oa.

When Don returned stateside, he mailed all the stations he contacted a thank you letter, along with photos of him aboard the Rhiannon, a voyage map and a QSL card. An excerpt from his letter follows:

"During March of [1992], I worked you while aboard the yacht Rhiannon en route from Ventura, California to Hiva Oa in the Marquesas Islands. It was a really exciting time for me as I was newly licensed and the many contacts I made with friendly and helpful hams provided a fabulous introduction to the hobby. I am



SV Rhiannon departing Ventura CA 2-29-1992

particularly appreciative of the camaraderie and assistance of the members of what came to be known as the 'Rhiannon Net' on 28.337 MHz: Bob, N6NUY [10-X 46353, SK 2001] who served as net control, passed messages and ran phone patches; and Mal, KC6VDR [SK 2019, himself a sailor] who assisted with



Don Cook, then KD6FND aboard the Rhiannon

navigation problems." (Author's note: Bill, KB6LFM [10-X 62070], a U.S. Navy veteran who served in Vietnam, was also very helpful and is still active in the maritime mobile amateur radio community today).

Don's transpacific journey aboard the Rhiannon easily fit the category of "the trip of a lifetime." His lifeline to the world was 10 meters, which produced many memorable QSOs with the stations he contacted. A report authored by N6NUY about how amateur radio helped KD6FND's voyage appears in the Public Service column (page 100) in the January 1993 QST magazine.

Epilogue: Don later upgraded to Advanced class, was issued a new callsign (KO6WZ) and joined 10-X as member 64982. In 1998, I promoted out of VA to a much different federal agency where I remained for the next 20 years until retirement, although I never again had access to a workplace HF amateur radio station.

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.

ELECTION 2022 CALL FOR NOMINATIONS

10-10 International holds an election every two years. In the year 2022 we will be electing the President, and three (3) Directors, whose terms will commence January 2023. 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, 2022.

The Nominating Committee develops a slate of eligible candidates by May 15, 2022. 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 June 15, 2022. 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 Larry Berger, WA2SUH #00407 wa2suh@aol.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 full 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 June 15, 2022.

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 2022 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 May 15, 2022, 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 2022 edition of the 10-10 NEWS.
- ☐ 1 May 2022 - Candidates must have names and bios to Nominating Committee.
- ☐ 15 May 2022 - Nominating Committee will develop slate of candidates and notify members who applied but were not selected.
- ☐ 15 June 2022 - Deadline for Petitions for Candidacy to Secretary.
- ☐ Ballots and all Candidates' bios to be printed in July 2022 edition of the 10-10 NEWS.
- ☐ 1 October 2022 - **"In Hand"** Deadline for return of Ballots.
- ☐ 1 November 2022 - Election results posted on 10-10 Web Site.
- ☐ 1 January 2023 - Newly elected officers take office.
- ☐ Election results posted in January 2023 edition of the 10-10 NEWS.

10-10 SCHOLARSHIP FOUNDATION SUPPORTERS

We encourage all of 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 May, the Foundation Board voted to guarantee the funding for three \$2000 scholarships to be awarded in 2022. 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. 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 historic 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 please use the secure shopping cart at www.ten-ten.org or send your check to me or the Data Manager. Our addresses can be found on Page 26.

The members listed below became 10-10 Scholarship Foundation Supporters during the months of September, October and November and we appreciate their support.



10-10 International Net, Inc. - 2021 Scholarship Winners

My name is Christopher Harper KG0TIO from Mangum, Oklahoma and I would like to take this opportunity to thank the 10-10 International Net for selecting me for this scholarship. Your generosity has made it possible for me to pursue my college education without the need for student loans or placing undue financial burden on my education.

I am a 19 year old sophomore at Northeastern Oklahoma A&M College where I am a member of the wrestling team as well as being active in the honors program, student ambassadors, student body government, a Student Success Center tutor,

Phi Theta Kappa honor society and have been named Top Ten Freshmen. I will graduate in May 2022 with honors, receiving my Associate of Arts. I have been accepted to Heritage Christian University where I plan to pursue my Bachelor of Arts in Biblical Studies. Ultimately my goal is to obtain a second degree in education as well as a graduate degree. I will be following in my dad's footsteps being a teacher and a minister. I plan to use my teaching degree so that I can

Platinum (\$1000 or more)

None

Gold (\$500 to \$999)

None

Silver (\$100 to \$499)

KD5HIP.....	John Zumbro	71476
N8QXC	Joseph Mizek III	76140

Bronze (Up to \$99)

K6ME.....	Terry Cobb, Sr.	08780
KA2PDS	Ronald Cava	41965
K4WDS.....	Walter Seymour	43850
WA2VZQ	Kenneth Stier	60620
N2MCL	Lynn Cava	60669
W1DYJ	Lawrence Banks	65485
K6GMC.....	Gloria Cobb	71913
DG3WN	Juergen Biallass	77915

work with children and influence their lives in a positive way.

I have been around amateur radio most of my life. When I was very young, my dad, Clifton Harper, KE5YZB, started an amateur radio club at the school where he taught. I was very involved in their Radio in the Park program as well as participating in School Club Roundup. My real passion began in high school when I enrolled in my dad's World Communications class. I was hooked and quickly worked my way up to obtaining my Amateur Extra license. I continued contesting throughout high school and was a peer mentor to other students enrolled in the class (and some who weren't). At every given opportunity I share the hobby with people around me.

When I was a high school senior I was all district offensive tackle and our team was the district champion and state quarter finalist. In wrestling I was nominated for Oklahoma Coaches Association All State and I placed fourth at the Blanchard Tournament and fourth at the Hub City Tournament in Clinton.

It is my hope that I will be able to pay it forward in the future to make higher education a possibility for other young hams like me. Thank you again for this honor.

10-10 International Net, Inc. - 2021 Scholarship Winners



I am William Freeman N4NJJ from Henderson, NV and I can't thank the membership of 10-10 International enough for this very generous financial support of my on-going education. This scholarship means even more this year after the birth of my first child, eleven weeks premature. While it has been very tempting to "give-up" or simply "take a break" for now, I continue forward as an example not only to my daughter, but to over 350 at-risk youth in the high school music program that I oversee.

Presently, I work as a music teacher at an at-risk high school in the nation's fifth-largest school district. I am also the Director of Music and Organist at Guardian Angel Cathedral and St. Anthony of Padua in Las Vegas. My work has been featured on Sirius XM's The Catholic Channel and Fox News.

I am currently completing a Doctorate in Education and Education Specialist degrees at Saint Leo University in Florida. My undergraduate degree is in organ performance and business from Canisius College in Buffalo, New York. In addition, I have a Certificate in Catholic Theology, two graduate degrees in education and a Master of Business Administration, and completed musical training at the Eastman School of Music, George Mason University and the University of Nevada Las Vegas. While an undergraduate student, I completed internships for ranking members of the United States Senate.

I was first licensed in 2005 and have been tinkering with two-way radio technology since I was a sixth-grader in Western New York. While there I served as an Assistant Section Manager and Public Information Officer for the Western New York Section and President of the Lancaster Amateur Radio Club.

I am a member of the Henderson Amateur Radio Club and Clark County ARES/RACES, I maintain several repeaters that are linked together in both Las Vegas and my home town of Buffalo. This allows me to stay in-touch with old-time radio friends. I work with several hams with disabilities as well as teens to help them become better operators, maintain their own equipment and grow their circle on amateur radio. This has led to amateur radio licenses, upgrades, increased self-esteem and self-worth and exploration of future career paths. These are gifts originally given to me by my own ham elmers.

10-10's financial support helps remove some of the stress associated with parenting, working full time and studying full-time. I plan to continue growing as a leader in education and as a helping hand on the air. Thank you very much and 73.



My name is Stephen Taylor from Huber Heights, Ohio and my call sign is KD8ENT. I am honored to be a recipient of one of the 2021 10-10 Scholarships and I would like to express my sincere gratitude for all that you do to help students get an education who need it the most.

I am majoring in Cybersecurity and Network Administration at Edison State Community College in Piqua, Ohio. I hope that one day I will be able to help secure our country's computer infrastructure. This scholarship will help me continue my higher education while allowing

me to focus more of my education, volunteer work and family. Scholarships like this are very important to students like me as they help me pay for not only my education but also the expensive equipment required like books and computers. I work part time at a grocery store but I volunteer a lot of time helping my neighbors, community and organizations including the VVA (Vietnam Veterans of America), C.E.R.T. (Community Emergency Response Team), Skywarn, County and District A.R.E.S. (Amateur Radio Emergency Services).

I have been around ham radio for most of my life because of my father Rob KC8LNO. When he started teaching amateur radio classes I ended up sitting in on them and getting my Technician license in 2006 at the age of 13. While a Tech, I started using 2m and 70cm, Echolink and IRLP. While holding my Tech license I made my first long distance contact to Guam via IRLP on my first radio which was an Icom IC-W2A that I was given. While at the local club house I participated in the lighthouse HF contest and worked a few on my own call on 10m for the first time and have been interested in HF ever since. After working 10m for a while and after we got an Icom IC-735 for the home station, I finally upgraded to General in 2013 and upgraded to Extra in 2015. I have made a lot of great contacts and have constantly been learning about everything from antennas to electrical and slowly building up the radio desk. Amateur radio has helped spark my interest in computers and technology which has led me to working on my degree in Network Administration and Cybersecurity. I have enjoyed my years of learning and fun in Amateur Radio and look forward to the many more that I have ahead of me.

10-10 SCHOLARSHIP APPLICANT INFORMATION

Each year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, funds three \$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. Over the past 34 years, 10-10 has funded 130 scholarships valued at \$171,000.

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

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 2022

AJ7B, Randy.....	Editor	N2WIE, Tony.....	Awards-1000+ Bars
G4BLH, Mike.....	Awards - GB	N5MT, Mike.....	Awards - DX
K1IEB, Tim.....	Net Control	N6OPR, Bob.....	Director
K5BKT, Peg.....	Committee Member	N7YG, Jeff.....	IT Manager
K6RDK, Dave.....	Data/ Membership Manager	N9AC, Gerald.....	W6OI Trustee
K7CWS, Ray.....	Net Control	NP2MR, David.....	Committee Member
KA0ZPP, Jim.....	Director	NS6X, John.....	Committee Member
KD2NOM, Mark.....	Director	NZ1I, Kevin.....	Awards – WAC
KD5DE, Mel.....	President	VA7GY, Garry.....	Committee Member
KF4WKY, Mike.....	Net Control	VE3MEW, Bill.....	Committee Member
KG5RJ, Greg.....	Committee Member	W2FDH, Frank.....	Committee Member
KI6OY, Lee.....	Awards-CW	W4SOT, Robert.....	Net Control
KJ5SZ, Hugo.....	General Counsel	W5DJT, David.....	Committee Member
KM4ODS, George.....	Director	W5SUM, Ronnie.....	Vice President / Secretary
KM5EH, Marcus.....	Director	W7WHB, Steve.....	Net Control
KM5FF, Ed.....	Awards-WPX	W9HT, Joshua.....	Committee Member
KR7RK, Keith.....	Treasurer	WA2SUH, Larry.....	Director
KZ3T, Dan.....	QSO Party Manager	WB0CON, Eva.....	Awards – WAS
N0TW, Terry.....	Past President	WB6OJB, Arnold.....	Net Control

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



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
00354	WA7IZR	Owen H. Wood - Livingston, MT
00963	K8MZH	Leland H. Hubbell - Johnstown, OH
01894	K5BCN	Coy Johnson - Prattsville, AR
04205	WB4PHC	David R. Cartlidge - Chattanooga, TN
04498	N4NH	Norman G. Harrill - Asheville, NC
05531	KJ3R	Charles A. Bersch - Bethlehem, PA
06860	K4LOD	John W. Swancara - Pisgah, NC
07756	W3KT	Frank De Nuzzo - Gainesville, FL
09150	K5DSQ	Donald B. Vaello, Sr. - San Antonio, TX
11834	W5ONL	John S. Sission, Jr. - Garland, TX
12904	K9WED	Richard E. Gryder - Kenosha, WI
14382	K3WI	William M. Schwartz - Elkton, MD
14610	K8MG	William M. Gentile - Easley, SC
15534	WA4HMI	Roger M. Zuercher - Mountain City, TN
15774	AA4NC	William J. Roberts, Jr. - Apex, NC
15882	VE1AVO	Gordon Gillis - Sydney, NS
17093	KW5T	Paul C. Kemp - Pearl, MS
17212	K5JYD	Wayne L. Brandon - New Boston, TX
17499	W4AK	William K. Simms - Louisburg, NC
17544	K4LQ	Fred Perkins - Lake Placid, FL
17612	WB4PCS	Wilton M. McAllister - Clover, SC
18319	WB7QYE	John K. Crawford - Beaverton, OR
19801	K5GFM	Gail F. Moulton - Trona, CA
20229	K7CMS	William H. Beatty - Tucson, AZ
20837	KU8B	Guenther F. Noder - Gardnerville, NV
21525	W2WS	William E. Szymko - Marcy, NY
21560	K2XF	Seymour Miller - East Greenbush, NY
23548	N9AX	Randall P. Wagaman, III - Auburn, CA
24813	WA4VYS	Thomas C. Shealy - Prosperity, SC
25284	WB2UKX	Edward Biedricki II - Ocala, FL
28169	W1FDR	Bob J. Ravenstein - Chelmsford, MA
29218	AK9J	Clarence L. Rogers - Lone Tree, CO
30443	K5EEA	Thomas B. Drake - Diamondhead, MS
31350	W1FKI	William J. McTeague - South Windsor, CT
31911	KB8YK	Claude L. Fant, Jr. - Hamilton, OH
33222	K4JKZ	William R. Noack - Newport News, VA
33362	WB2WPQ	Richard Bianchi - Lodi, NJ
34192	KB0SF	Raymond D. Hewett - Aurora, CO
35366	KA1GKJ	Donald D. Taylor - Oakville, CT

10-10#	Call	Name - City, State
36056	KA6CMD	James L. Laherty - San Mateo, CA
36365	KC2EM	Walter L. Judd - Victor, NY
36799	NJ5DX	James A. Hill - Lakehills, TX
38125	AC8HQ	Henry T. DiBacco, Jr. - Davis, WV
39093	KA6WTR	Frank S. Rizzo - Hesperia, CA
39270	WB5SRN	Richard E. Hagerman - Hudson Oaks, TX
39537	W3OEP	Eugene H. Mertz - Bethesda, MD
39647	K7SZ	Richard H. Arland - Dacula, GA
40090	K5SE	John E. Stridesberg - Shreveport, LA
41031	N3TG	William T. Free - Fairfax, VA
41124	KI4SR	Herman J. Carr - Chadbourn, NC
41850	N2BR	Bobby A. Raymer - Cookeville, TN
42104	K5BFB	Oren D. Wyatt - Dallas, TX
44020	N8HKJ	Ronald D. Sweeney - Troy, OH
50577	W3CPQ	Noel O. Hoglund - Concord, NH
52246	W4UFO	Noble B. Mills, II - Statesville, NC
52847	WD8XX	Roger A. Deards - Springfield, OH
54854	N5PKW	Mary Beth Brown - Brazoria, TX
54933	KA9BQR	Lawrence J. Sabella - Oregon, IL
56380	AA0QA	David J. Kochanowicz - Blue Springs, MO
56394	AB0C	Paul R. Poteet - Macon, MO
58474	W5AHD	Carroll E. Huff - Lawton, OK
61407	AA9KB	John P. Wasmuth, Jr. - Columbia City, IN
63018	N3KYZ	George S. Law - Berwick, PA
63252	N4VUS	Russell N. Ferguson - Kingsport, TN
64531	AA3FC	Walter F. Kunz - Ledgedale, PA
64953	NH6YK	Theodore A. Brattstrom - Volcano, HI
64972	K6GT	George T. Daughters, II - Sunnyvale, CA
65057	N5SRC	David M. Heard - Kingwood, TX
65351	KF9XL	John G. Kraak - Waukesha, WI
65810	K06RU	Claude B. Hanna - Cameron Park, CA
67140	W1TOA	Wayne M. Lambert - Weymouth, MA
67182	W1CMF	Charles M. Francer - Boca Raton, FL
67956	KB0QMF	Michael E. Cobb - Lawrence, CO
70911	AD8LF	Donn L. Fether - Brooklyn, MI
71395	W3GEG	Alfred L. Heck - Worthington, WV
74662	KD8BIN	John S. Dvorack - Toledo, OH
74737	KB1NCP	William J. Smith - Shelton, CT
75376	DG8BCN	Tanja Wendland - Steinau, Ger
75383	N3KFV	Ronald J. Shopinski - Mount Carmel, PA
75592	AC8GD	Larry D. Ware - Quincy, MA
75606	WT5CR	Randy M. Jackson - Shiloh, IL
75782	KD7ZLF	Howard Merritt - Gaston, OR
75918	K4ROZ	Dale M. Schwartz - Atlanta, GA
76897	W7ISJ	Blase J. Furfaro - Tucson, AZ

Thanks to Lee - K2HAT - #76138 for his efforts in helping me keep the sk column as up to date as possible.

Mark 73, KD2NOM #77596

A 3-element 10-Meter Beam on an 8' Boom

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

As the sunspots return, the search for an inexpensive beam antenna continues. We have looked in past columns at 2-element Yagis and a wide-band 50-Ohm feed 3-element Yagi on a 12' boom. We can shrink the boom length down to 8' if we are willing to accept almost a half dB more gain, a good front-to-back ratio, and a matching network at the feedpoint to transform an impedance of around 25 ohms.

The design is adapted for hardware store aluminum tubing from a design by Dean Straw (N6BV) in the YA collection that comes with the *ARRL Antenna Book*. The original design called for smaller tubing that is often hard to find. The revision calls for 7/8" and 3/4" diameter tubing, which may be found at outlets like Lowes or Home Depot.

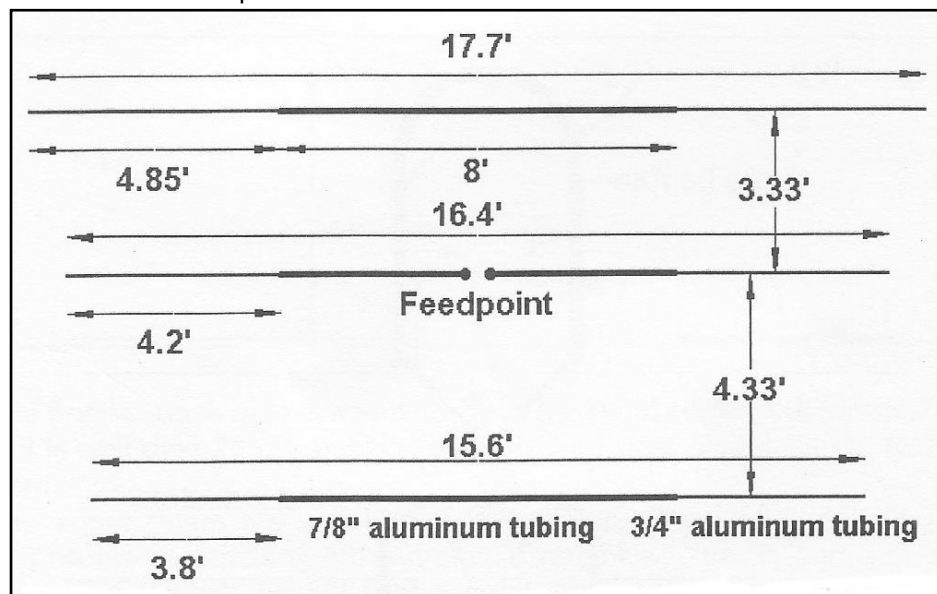


Figure 1. Dimensions for 3-element Yagi

Figure 1 shows the dimensions of the antenna. The inner 8' of tubing for each element is 7/8" diameter, with the remaining length consisting of 3/4" diameter stock. Three 8' lengths of 7/8" tubing and six 6' lengths of 3/4" tubing are all you need. You can fasten the tubing lengths with sheet metal screws, stainless steel hose clamps (with stainless steel screws), or "pop" rivets. Do not waste weight by using too much overlap in the tubing sections: 2-4" will do nicely. The reflector and the director are continuous elements, but the driven element is split in the middle for the matching system. I use small well-varnished (spar

varnish) plywood plates to hold the elements to the boom – you can see the details in almost any of the other Yagi columns.

My favorite 2-element boom – Schedule 40 PVC – gets a bit heavy by the time the boom reaches 8' long. So you might want to use 1.25" or larger diameter aluminum. A light-weight section of TV masting (the kind so light that I would never recommend that it be used as a mast) would also work if you are sure that it will stand the weather and not rust out in the first season.

The key to the antenna is the matching system. My favorite for small antennas is the beta match, but a gamma or Tee match would do as well. The driven element length is set for a beta match, with a resistance of about 25 ohms and a reactance between 20 and 25 ohms. The reactance is the virtual series reactance needed by an L-circuit to transform the 50-Ohm coax cable impedance down to the 25-Ohm resistive antenna impedance.

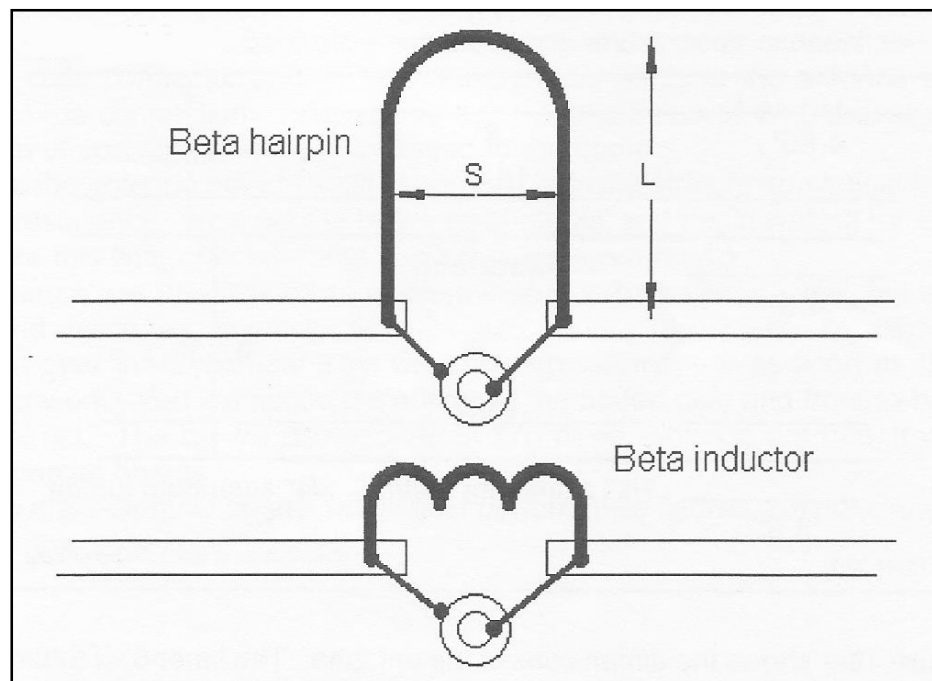


Figure 2. "Hairpin" and Inductor Beta Matches

However, an L-circuit also needs an inductive reactance across the line, as shown in Figure 2. The inductive reactance can be a coil, as shown in the lower view. For 28.5 MHz and the 2:1 transformation needed here, the coil needs to be about 0.28 micro-H. A coil about 0.5" in diameter and wound with #12 copper house wire will have 6 turns spread over about 3/4" of length with half-inch leads to meet this need.

The inductive reactance can also be a shorted transmission line stub or "hairpin." The hairpin can have many dimensions, depending on the wire thickness and the spacing. With a spacing (S) of 2" between wires, a hair pin of 1/8" wire will be about 7.7" long (L), while a similarly spaced hairpin of #12 wire will be about 6.8" long.

In real life, not everything is exact, and the hairpin or coil may need adjusting to achieve a 1:1 SWR at the target frequency (28.5 MHz in this case). You can adjust the length and/or spacing of the hairpin. Likewise, you can squeeze or spread the coil turns. If neither trick works, adjust the length of the driven element and try again.

How well does the antenna work? Across the first MHz of 10 meters, the gain ranges from about 7.3 dBi to 7.7dBi (free space gain). In comparative terms, this is about halfway between the gain of the wide-band 50-Ohm beam and a highly optimized 3-element beam with a boom length of about 12' or so. The gain is high enough to compete favorably with most 3-element tri-banders on 10 meters. Figure 3 shows the pattern at 3 points across the band.

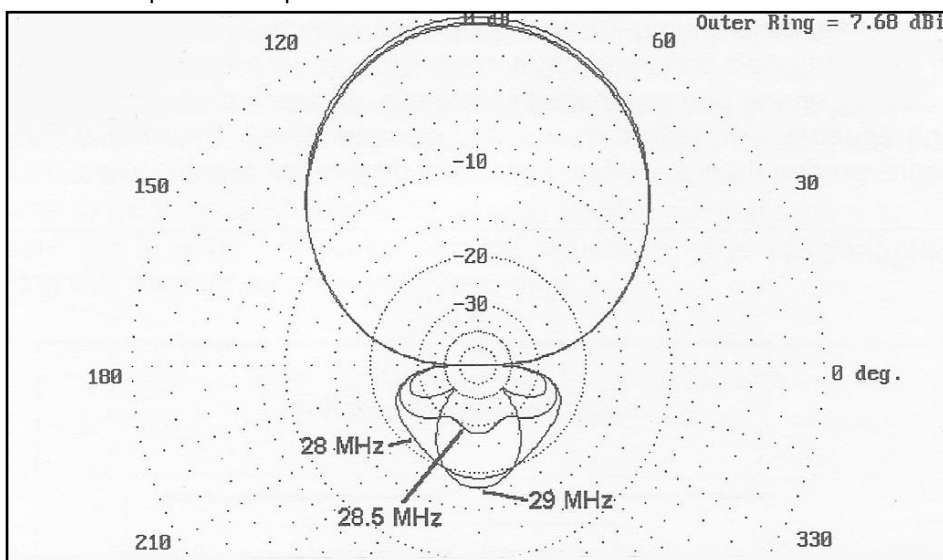


Figure 3. Free Space Azimuth Patterns for the 3-element 8' Boom Yagi

The front-to back ratio is about 18 dB at the band edges, but for most of the span between it is well over 20 dB, peaking about 27 dB near center band. Not too bad for an 8' boom.

The entire beam will weigh between 8 and 10 pounds, including the boom, depending on the materials used. An old TV rotator will turn it, and a guyed push-up mast or roof-top "tower" will put it at a good height. Remember that the fairly high front-to-back ratio is not only a QRM killer, but also a closed back door. In a local net or similar operations, you may also want to have a simple vertical or dipole around to tell when there are signals off the rear waiting for you to turn the beam in their direction.

MORE PICTURES FROM THE PAST

Larry Berger (WA2SUH) sent in some pictures of members he took at the 2011 10-10 Convention in St. Louis.



Janet Moyer KB5DQX and Ray Moyer WD8JKV #20805



Stephanie KA0ZIA #44303 and Jim KA0ZPP #43428 Fox

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 three \$2,000 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.

Weak Signal - held on the second full weekend in July - 0001 UTC Saturday 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.

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/RTTY 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. 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 tentencontest@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: 2022 is the 60th anniversary year of 10-10 International Net, Inc. Contact with members containing a "60" in their membership number (i.e., 72060, 69605, 66054, 60126, 00607) 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 WEAK SIGNAL QSO PARTY (WSQP)

This event was added to help promote digital activity on the ten-meter band. The event in no way affects or modifies the policies for other scheduled Ten-Ten events. All weak signal modes for this event include: FT/JT/JS8/JS8CALL and any future weak signal mode. No repeater, cross-mode or cross-band contacts allowed.

FT4 (28.180)	FT8 (28.074)
JT65 (28.076)	JS8/JS8CALL (28.078)

Entry categories: QRP – Maximum 10 watts output.

Low Power – Maximum 150 watts output.

Exchange: 10-10 members should send call sign, name, 10-10# and QTH (ST/Prov/Country). Received exchange should include normal exchange for FT/JT/JS8/JS8CALL modes and for extra points name, QTH and 10-10#. Scoring will be 1 point for contacts without a 10-10 number and three (3) points for contacts with a valid 10-10# exchange. NO MULTIPLIERS! 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 postponed until further notice.

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.

2022 Ten-Ten QSO Party Schedule

Event	Dates	Postmark
Winter Phone	Feb. 5-6	Feb. 15
Spring Digital	April 23-24	May 2
Spring CW	May 7-8	May 16
Open Season	June 4-5	June 13
Weak Signal	Jul 9-10	July 18
Summer Phone	Aug. 6-7	Aug. 15
Sprint	Oct. 10	Oct 18
Fall CW	Oct. 15-16	Oct. 24
Fall Digital	Nov. 12-13	Nov. 21
Anniversary (60)	Jan 1 - Dec 31	Jan 8, 2023
Meeth the Volunteers	Jan 1 - Dec 31	Jan 8, 2023

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"/> WEAK SIGNAL |

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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