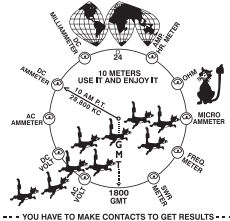


TEN-TEN INTERNATIONAL NET, INC.



TEN-TEN INTERNATIONAL **NEWS**

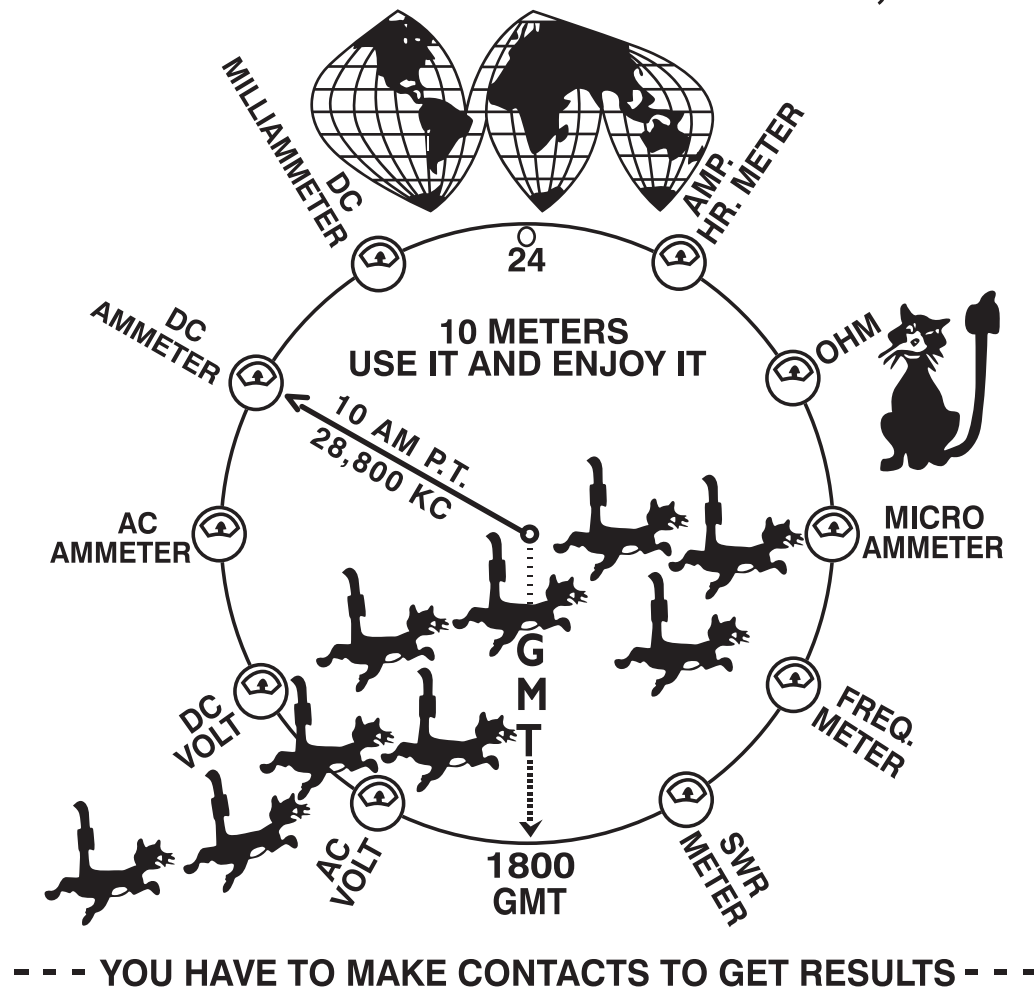
Volume 58 Issue 3

July 2020 (Summer)



Member
AMATEUR RADIO
NEWS SERVICE

TEN-TEN INTERNATIONAL NET, INC.



Official Publication of the Ten-Ten International Net, Inc. - www.ten-ten.org
Monitoring 28.380 and 28.800 MHz daily at 1800Z except Sunday

The Ten-Ten International News

Is published four times annually by the TEN-TEN INTERNATIONAL NET, INC. Publication dates are approximately mid January, April, July and October.

Each paid-up member will receive a copy. This publication is the property of Ten-Ten International Net and the contributors therein. Permission to reprint is hereby granted, providing suitable credit is shown.

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 September 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 Manger

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

CONTENTS

<u>Net Officials.....</u>	<u>3</u>
<u>From the Editor.....</u>	<u>3</u>
<u>From the President.....</u>	<u>4</u>
<u>Chapter Coordinator's Column.....</u>	<u>5-6</u>
<u>Ten-Ten Net Guide.....</u>	<u>6</u>
<u>DX News.....</u>	<u>7-9</u>
<u>New Life Members.....</u>	<u>9</u>
<u>Net Report.....</u>	<u>10-11</u>
<u>Ten-Ten Net Control Stations.....</u>	<u>11</u>
<u>QSO Parties.....</u>	<u>12-15</u>
<u>Board Minutes.....</u>	<u>15-16</u>
<u>Antenna System Project - Part 1.....</u>	<u>16-18</u>
<u>10-10 Scholarship Foundation Supporters.....</u>	<u>19</u>
<u>10-10 Awards.....</u>	<u>20</u>
<u>How is Solar Cycle 24 Doing?.....</u>	<u>21-22</u>
<u>10-10 Award Managers.....</u>	<u>22</u>
<u>Call for Nominations.....</u>	<u>23</u>
<u>Election Timeline.....</u>	<u>24</u>
<u>Voting Ballot.....</u>	<u>25</u>
<u>Election Candidate Biographies.....</u>	<u>26-27</u>
<u>Ten-Ten International and the Digital Age.....</u>	<u>27-29</u>
<u>Meet the Volunteers.....</u>	<u>30</u>
<u>Silent Keys.....</u>	<u>31-32</u>
<u>2020 Ten-Ten QSO Party Schedule.....</u>	<u>32</u>
<u>Membership Information and Services.....</u>	<u>33</u>
<u>QSO Party Rules.....</u>	<u>34-35</u>
<u>QSO Party Coversheet.....</u>	<u>36</u>

OFFICERS AND DIRECTORS

President

Mel Sojka, KD5DE #33513 (2022)

353 Atlantic Ave., Shreveport, LA 71150-2909

(318) 286-2963 kd5de@ten-ten.org

Past President

Terry Webb, N0TW, #36547

1103 Fulford Road, Monticello, FL 32344-4352

(614) 216-5334 n0twterry@yahoo.com

Vice President/Secretary

Gregory Malone, WA3GM, #46927 (2020) - QSO Parties

PO Box 82, Horsham, PA 19044

(267) 249-0135 wa3gm@yahoo.com

Treasurer

Keith Schlottman, KR7RK #63324

6206 E. Pima St., Suite #2, Tucson, AZ 85712

(520) 290-5883 keithschlottman@gmail.com

Directors

Robert L. Farrow, N6OPR #45715 (2020) - Daily Nets

23417 S 180th Street, Gilbert, AZ 85298

(562) 631-1393 n6opr@msn.com

Dan Morris, KZ3T #41015 (2020) - QSO Parties

3162 Covington Way, Lenoir, NC 28645

(828) 728-5049 dbmorris315@gmail.com

Paul Hemby, WN4AMO #73825 (2020) - Publicity

40601 Thomas Boat Landing Road, Umatilla, FL 32784-9702

(386) 837-6101 pemby@hotmail.com

Marcus Lieberman, KM5EH #71103 (2022) - Awards

2300 Hurley Dr. NW, Albuquerque, NM 87120-1013

(505) 836-1724 buckml@lobo.net

Thomas Trissell, KC5ILO #72239 (2022) - Publications

487 County Rd. 1367, Clarksville, TX 75426-3479

(903) 517-1787 kc5ilo@trissell.net

Jim Fox, KA0ZPP #43428 (2022) - Chapters

PO Box 135, Mayhill, NM 8839-0135

(575) 687-2448 ka0zpp10ten@gmail.com

General Counsel

Hugo Holland, KJ5SZ #77741

10008 Bedlington Court, Shreveport, LA 71118

No Phone dahugobrit@gmail.com

NET OFFICIALS

Chapter Coordinator

Jim Fox, KA0ZPP #43428
 PO Box 135, Mayhill, NM 8839-0135
 (575) 687-2448 ka0zpp10ten@gmail.com

Data Manager / Supplies

David Smith, K6RDK #65812
 1349 Vernon Terrace, San Mateo CA 94402-3331
 (650) 504-4962 membership@ten-ten.org

Editor 10-10 International News

Randy Mather, AJ7B #7675
 9625 101st Ave NE
 Arlington, WA 98223 editor@ten-ten.org

Historian

Ronnie Hull, W5SUM #2019
 1855 Shady Lane Dr
 Shreveport, LA 71118 w5sum@comcast.net

Net Manager

Robert L. Farrow, N6OPR #45715
 23417 S 180th Street, Gilbert, AZ 85298
 (562) 631-1393 N6OPR@msn.com

QSL Bureau Manager

Jim Stoeber, WI9X, #49635
 8829 Bermuda Ave., Caseyville, IL 62232
 (618) 560-7098 wi9x1989@yahoo.com

QSO Party Manager/Certificate Manager

Dan Morris, KZ3T #41015
 3162 Covington Way, Lenoir, NC 28645
 (828) 728-5049 dbmorris315@gmail.com

IT Manager

Jeff Steinkamp, N7YG #65084
 6765 E. Rosewood Cir., Tucson, AZ 85710
 (520) 546-2290 n7yg@n7yg.com

Scholarship Manager

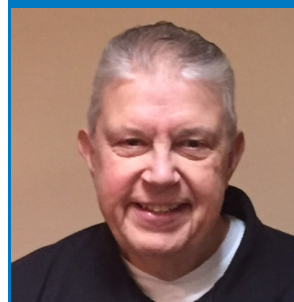
Larry Berger, WA2SUH #00407
 9 Nancy Blvd., Merrick, NY 11566-3119
 (516) 223-4611 wa2suh@aol.com

SK Manager/Social Media Manager

Mark Steele, KD2NOM #77596
 1 Karen Court, Monroe Township, NJ 08831-4037
 (732) 213-0159 kd2nom@gmail.com

W6OI Station Trustee

Jerry Kopstein N9AC #61453
 8041 W Lakeshore Drive Burlington, WI 53105
 (262) 661-9094 treismine2@yahoo.com



From the Editor

Randy Mather, AJ7B
 (#7675)

The last time I wrote for this column, we were just starting to react to the pandemic. I think we got the “shelter-at-home” order from our governor just as I was writing for that column. As it turns out, the county I live in just went to “phase 2” a week ago (writing this now mid June). I am sooo looking forward to getting a haircut tomorrow. Yes, you had to sign up well in advance for a place at the barber shop.

I didn’t waste my seclusion time. Sure there were the issues around my home that I was able to get done, but a much more fun project got started. It’s a ham related project that I had been thinking about for years. A friend of mine needed to add to his Ham shack and his need was the perfect opportunity to work on my dream project.

I thought the project was interesting enough to give you, the reader, a window in on the fun. I decided to write about the project in this newsletter, sort of like a blog. You will find part 1 in this issue. I hope you will find it interesting as well.

It’s that time again when we need to elect new officers and directors to the board. The candidates are in and you will find their bios in this issue. There is also a ballot that you can mark and mail in. If you don’t care for snail mail, you can vote online through www.ten-ten.org. Either way, please take the time to vote and support the Ten-Ten organization.

There is another interesting article in here provided by Carl Luetzelschwab K9LA #41258. Carl covers sun spot cycle 24. A good piece of information on how cycle 24 is doing in comparison to other sun spot cycles that have come and gone. Check it out.

Jeff Steinkamp, N7YG, 65084, our IT manager has written a very informative article on the security and protection of your online data on the Ten-Ten web site. Jeff covers how to pick a good safe username and password. This has become even more important with the European countries enacting new rules about letting the public see personal information online.

I hope you are well and please stay that way.

73

Randy - AJ7B



From the President

Mel Sojka KD5DE
#33513

UPPER LEVEL QRM

Little did I realize that by the time the April Edition of the News hit the streets that many and I would be either quarantined or sheltered in place. To say this is a surreal experience is a bit simplistic. This may be the highlight of generation Z. My generation experienced the Sputnik, presidential assassination, and man in space, man on the moon, the Internet, the cell phone, and the most important creation of 10-10 International Net. Of course, I skipped many of the significant events, but it was a busy generation. This pandemic seems to be something out of Hollywood silver screen. Confined for 63 days with 15 more to experience. My biggest issue is the lack of sunspots and openings on 10 meters. On the bright side, many colleges and universities have reduced their rates, which proved very useful to many.

Another issue is: Hamfests. If someone had told me back in February when I was writing my article for the April News what was about to happen, I would walk away in disbelief. Who would ever think that the Dayton Hamvention, Texas HamCom, Pacom and even the local event in August would be canceled? I have some acquaintances in radio sales, and they tell me that they cannot keep amateur radios and scanners in stock. A bit like the final apocalypse is about to transpire, but without the zombies. I hope this type of fear does not keep folks away from amateur gatherings.

Finally, but in no way the least of our problems concerns our DX members that subscribed to the mailed News. Because of the Pandemic, there are 107 countries that the postal service will not accept mail in large envelopes. It appears that these countries will not process any type of parcel. I hope that they will return it to the sender, but that probably will not be the case. At this time, we have had three copies returned, and trying to contact these members. At this point all we can do is email them a copy of the electronic edition. Maybe by the time of this mailing the pandemic will be a historical event.

The band has been active nearly every day with FT8 activity and when beacons appear contacts, CW and SSB may be alive. I have been able to check into the 28.380 net in Arizona often running 100 watts. That is an 800-

mile plus hop. On the subject of FT8, recently the 10-10 BOD held their annual meeting. During the meeting a motion passed to create an event just for the weak signal modes, this event will be announced later this year. All agreed that this mode should not be ignored. Some folks would not make the effort to make a normal 10-10 contact, no matter how simple it was to set up.

In this issue, you will find the election ballot and instructions for voting on-line. We have three director positions that at the time of this writing are not contested. We do have two candidates for the office of Vice President / Secretary that will appear on the ballot. I encourage each of you to vote. This is an expression of support and encourages members to seek office. We continue to have a need for volunteers in several areas. If your dues are current and you desire to assist in the operation of 10-10, just drop me a note and indicate where you desire to serve. If an office is not something you would seek, you can serve in other areas.

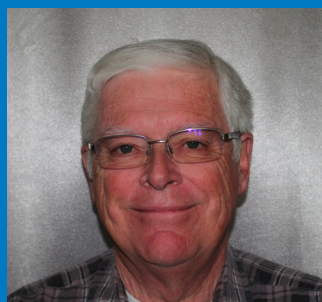
I continue to see growth in areas where there is an organized effort or a chapter. There is a good group of locals here and we miss our monthly get together. It is a combined effort that includes the local amateur clubs and the 10-10 group. Because of the pandemic, we have not been able to meet. However, everyone is excited about Saturday June 6 since that will be the second phase of Louisiana's recovery openings and we can get together again. It is called Ham and Coffee. So if you are in the area at 8 A.M., drop by the Greenwood Auction and join us. If not, join us on 28.430 Thursday evening local at 7 P.M. or 0001 Friday Summer / 0100 winter

If you have a local group, create a post for the next news. The Editor loves content that is new and fresh. Photos always attract attention. If you have created a unique DIY device for Amateur Radio that is not of a design belonging to another and requires no permissions, let the Editor know. I really enjoy hints and kinks. Projects have always been a very exciting part of the hobby. I have been building pixie transceivers for several years as well as some of the new SDR devices. Once you get the smell of solder, it can be addictive for life.

10-10 now has an official 10-10 Facebook page. There is a link on the home page and we still maintain an email list. There is also a Twitter account on the web. Feel free to reach out on social media if nothing else is available.

God Bless & 73
Mel KD5DE #33513

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!!!



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 October, November or December, please let me know before September 1st so I can include the details in the October newsletter.

3) Reminder of Quarterly Reports Due: **In Extremis** (no report in over a year): Aloha, Channel Islands, Gold City. If anyone has knowledge of these chapters' activity, please let me know. **Past Due** (no report received during the prior quarters when due): Cradle of the Confederacy, Sky Blue Waters/Tin Lizzie, Twin Cities, Up the Crick. Reports received after May 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 third quarter:** Bauxite (Jul), Chief Seattle (Aug), Speedway (Sep). 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.

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 May 6, 2020, **Gateway Chapter**, established June 14, 1972, celebrated their 2,500th net. Congratulations to the Chapter for maintaining their net through this milestone.

3) Note that I have been having difficulty accessing the Ten-Ten web page, so the Chapters listing therein is not up to date. We are working to resolve this issue. Thank you for your patience.

4) 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 K3TUJ, 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 PA2NJC, 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, k7qyg2@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 June 1, 2019

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



DX News

Mike Davidson, N5MT
(#24949)

I never expected after thirty years of writing my DX News articles, that we would be in a virus pandemic that looks like the 1918 Spanish Flu and 1930's Great Depression. You may have seen a movie made of that era but there were only 124 million people in the US during the depression as compared to 328+ million today. There was AM radio in the depression for the public to listen to but no TV. The ham operators in the 1930's were on CW or AM but we had no 10-10 net as of that time. Medical advances were growing after World War 1 and the Spanish Flu pandemic but today with a new C-19 virus, the medical pros are in a big learning curve. Likewise, our economy today is being affected like the 1930's depression with people out of work and trying to stay safe at home. With history repeating itself, we now have a virus pandemic almost as bad as those that died of the 1918's Spanish Flu. If you are active on Ten meters or a lower frequency, stay active on the HF radio. Remember, the new Solar Cycle 25 is coming soon, so stay safe and be ready to read about new 10-10 DX that you might need to work on Ten.

To have written an article like the one you are reading back in the 1930's would have been like publishing the QST magazine which I just got in the mail. Ham operators back then had QST for monthly news that would have come by the US Post Office, and I wonder just how long QST took to get in a mailbox back then? There were only a few ways to get DX news in the 30's. You had to be an active HF operator and maybe belonged to a ham club. So, use all the electronics you have today to keep yourself informed and virus free.

As I mentioned earlier, I have been writing this article for the past thirty years, a record 120 consecutive issues since June 1990. I met Norm W6IRT/SK #14981, who was the President of 10-10 at the 1990 Convention in Arlington, Texas where I gave a talk about DX. Norm had seen my first DX article in the News and wanted me to continue writing a DX article. Since I was chasing DX most of my time and had all the tools to make an article happen, I said yes to the job. Some of you have asked why I picked my DX article title as TenX DX. The X after the Ten is the roman numeral for ten and the X stood out better than 10-10 DX. Likewise, the same thing goes for my Solar Flux predictions farther down this article. I have a college degree in numerical analysis, so I analyze the solar data for the past three months and give you what I think the Sun is going to produce as Solar Flux in the near future.

The Springtime months are now over for our DX season in the USA and we all hope the Sun will start increasing the Solar Flux as we begin to see more Cycle 25 sunspots. This new Solar Cycle will take one-two years before enough solar energy is generated by the Sun to allow Ten Meters to push our signals across the oceans on a regular basis. We patiently await the official news from NASA and NOAA, that Solar Cycle 25 has started. That official declaration requires several months of solar data to determine when the cycle changes from 24 to 25.

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 DX card. LoTW will not charge anything to dump QSO contacts into the system for them to match up in the computer database. An ARRL award cost occurs when you apply LoTW credits for an award like DXCC or WAS. At the present time, there is NO charge for a 10-10 award. This is one of your membership perks and 10-10 does not require a QSL card verification, unlike the ARRL system. ARRL can still check QSL cards that can be added into the LoTW system by the ARRL awards department. There has always been security associated with ARRL LoTW, so read the rules. The 10-10 Countries Award Manager does follow most of the rules of the ARRL awards system. But you must have swapped your name, call sign, state and 10-10 number on Ten, to record that members info on your Countries award application.

My station multi-band vertical antenna is tuned for most of the FT8 operating frequencies, so I like to make FT8 contacts with stations on the WARC bands when I can hear them. I am finding a few 10-10 members that do know how to send their name, number and state info using the TX5 feature in the FT8 software. So do ask!

I am uploading my QSO's to the ARRL LoTW database on a regular basis. Now that the spring season is over, you need to post your logs and send in your score for log checking of contest that you participated in. Even if you only have a few contacts, send them in by email and upload QSO's after posting your contest log ASAP.

There were few reports of Sunspots at the SILSO website that tracks the Sun the past three months. SILSO is forecasting more spotless days during the Cycle 24-25 transition with a solar minimum maybe ending in September 2020. Cycle 25 is expected to be similar to cycle 24, which peaked in April 2014. Remember, SILSO is tracking Sunspots which is not Solar Flux, so try not to confuse them. Sunspots produce the solar energy that is measured as Solar Flux here on earth.

Now for some 10-10 DX News that I have been saving!

There have been few new 10-10 countries worked by anyone the past four years due to poor propagation. As of January 2020, there were 22 countries that had never been worked for 10-10 Country credit. They are as follows: 5R Madagascar, 9N Nepal, 9X Rwanda, 4O Montenegro, A7 Qatar, AP Pakistan, BS7 Scarborough Reef, EP Iran, FR/R Reunion, FR/G Glorioso, FR/W Crozet, HV Vatican, JX Jan

Mayen, R1FJ Franz Josef Land, TN Congo, SY Mt Athos, VK0H Heard Isl., VK0M Mellish Reef, VP8/S So. Shetland Isl., VU7A Andaman Isl., VU7L Laccadive Isl., XU Cambodia. In June 2004, there were 32 countries that had not been worked for 10-10 credit.

I am sorry there is so little DX for you to read this time, but the experienced DX ops are staying home just like most of us. Last year at this time, I was preparing for Field Day with my new antenna. I used FT8 all FD weekend and I came out first in the 1D category for the state of Louisiana. So, I am going to do the same thing this year so good luck with your Field Day on June 27-28th!

DXpedition of the Year Award. The Southwest Ohio DX Association gave this award during the on line Dayton Hamvention to the TI9A Cocos Island DXpedition held from February 2-8th. Andy **UA3AB** #23433 was one of the four operators but there were NO reports of any Ten-meter QSOs.

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

I am posting this to the 10-10 website on June 1st. One more item: Congratulations to NASA and SpaceX for 2 Astronauts (one is a ham op) and a new US spacecraft, to dock with the orbiting Int Space Station at the end of May.

GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

4U United Nations. The new remote ham radio station 4U1UN #55555, is being heard more frequently on HF from the UN Headquarters in New York. The radio has been operating on the HF bands that have better propagation than Ten meters and the UN beacon has been reported on 28200. I can report the remote station has been on the air hundreds of times this past three months!

HR Honduras. Gerard **F2JD** #63443, was able to return to France in May after being confined in Honduras due to C-19.

KG4 Guantanamo Bay. Kelly **NM7H** #38578 was operating as KG4NE from Guantanamo Bay using the Gitmo club station from early February until maybe June 11th, but his return date home may be extended until late June. He either uses a old FT857D and low antennas or the Gitmo club station with a better antenna system. Kelly told me that Ten has been open nearly every day and he has worked 42 states and 41 countries on Ten. He does try to operate six meters with about 20 watts output from his old radio. As of mid-May, he had made about 7700 QSO's with 382 logged on Ten. LoTW.

KH0 Mariana Islands. Tom **KC0W** #67688, has a new club call KH0W for the Saipan CW Club.

TI Costa Rica. Kam **N3KS** #11541, was in the CQ WW WPX contest operating call TI7W on CW the last weekend of May. Kam was not on Ten much due to propagation.

ZL New Zealand. Holger **ZL3IO** #22401 was using call ZM4T on CW the last

weekend of May. The ZM4T station was on FT8 in early May on Ten. LoTW.

UPCOMING DX & NEW 10-10 ACTIVITY:

CY0 Sable Island. Dan **W4DKS** #5395, Bob **K4UEE** #75256 and Will **AA4NC** #15774, are still scheduled to be on Sable Island in October 2020. The trip all depends on the travel restrictions with the pandemic when it comes time to travel. A chartered airplane is needed to land on the sandy beach at Sable. They have no call sign as yet. LoTW.

FP St. Pierre & Miquelon Islands. Eric **KV1J** #31247, is hoping to return to Miquelon Island from September 22nd to October 6th. The trip all depends on the health and welfare conditions that are in place for his trip. He will be on SSB and Digi using call FP/KV1J. This will be Eric's 14th trip to give out a new one to anyone that needs FP. LoTW. Website: <http://www.KV1J.com/fp/July20.html>.

K USA. Bruce **K5TEN** #39886 will be using call sign K5D from Dog Island, FL for ten days in September. He may not have access to a ten-meter antenna. LoTW.

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>.

Propagation: I expect the solar flux to range from 68-74 during the Summer for the USA. The Summer Solstice is on Saturday June 20th. Summer starts in the Northern Hemisphere that day and it is the longest day of the year!

Our solar cycle 24, continues to go through the solar minimum phase, until cycle 25 officially begins, probably in 3-12 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 this Summer, but the sun would still take 1+ years of higher ionization before we get the good skip conditions we have seen in past cycles.

The monthly maximum solar fluxes for 2020: Jan 72, Feb 71, March 70, April 70, May 69.

The monthly minimum fluxes for 2020: Jan 70, Feb 70, March 69, April 69, May 66.

On June 1st, the solar flux was 69, the A index was 7 and K index was 0.

These solar numbers indicate the poor propagation we continue to experience as we pass through a cycle 24 bottom. The USAF solar flux forecast for June 1st to July 15th is 70 for all 45 days.

My Prediction: Over the next three months, the best conditions on Ten could be: June 4-8th; July 1-3rd; July 29-31st, August 27-30th, September 24-27th. For the USA, expect a 10% chance of DX to Europe or Asia with a 40% chance of DX to South America or to the S. Pacific. Listen for the CW beacons from 28.175-28.300

to see if the band is open and use FT8 for all low propagation QSO's.

There were three new 10-10 DX members join from March to June 2020.

March: DM2UDA 77779, DO6CDA 77780; April XE1MYO 77788; May: none.

This DX News edition is my number 120 which equals to 30 years of DXing reports.

Thanks to the Daily DX by Bernie W3UR #25731 and the Ohio/Penn DX Bulletins.

DX Info to: Mike Davidson, 26274 Whispering Pines Ave, Denham Springs LA

70726 USA Email: N5MT@aol.com.

NEW LIFE MEMBERS

05232	W4CYS	Mulford H Smith III	VA
05306	W8BF	Rondal D Akers Jr	TN
11058	WA3INF	David E Furst	FL
42206	NE7U	Lyle D Sumner Jr	OR
46677	AA4XU	Wes L Linscott	FL
64087	W9HVV	John J Wachal	IL
64436	KD4AYU	Jay Sadler	TN
65084	N7YG	Jeff K Steinkamp	AZ
67659	KD6SYG	Laurence F Stahl	CA
71984	KD6VUM	Larry C Gustafson	CA
72164	KC2FYJ	Harry Gross	NY
74429	KA7BHK	Kent H Duffy	AZ
76425	KK6DH	David R Hurley	CA
76444	K7HLH	Herbert L Hirst	OR
77786	W9HI	Dennis Barfuss	IL
77802	KU4SD	Garrett Gonella	GA

ARTICLES

If you have a Ten-Ten related adventure/experience you think would be good to share with the other members of the Ten-Ten International organization, please send your story 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



Net Report

Bob Farrow, N6OPR
(#45715)

Net reports for 1st Quarter 2020

MONDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
6-Jan	2	0	6-Jan	6	0
13-Jan	2	0	13-Jan	7	0
20-Jan	8	0	20-Jan	4	0
27-Jan	2	0	27-Jan	6	0
3-Feb	8	0	3-Feb	3	1
10-Feb	2	0	10-Feb	8	0
17-Feb	2	0	17-Feb	4	1
24-Feb	2	0	24-Feb	6	0
2-Mar	2	0	2-Mar	8	0
9-Mar	2	0	9-Mar	6	1
16-Jan	2	0	16-Jan	2	0
23-Mar	2	0	23-Mar	2	0
30-Mar	2	0	30-Mar	6	0

TUESDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
7-Jan	9	0	7-Jan	3	1
14-Jan	9	0	14-Jan	4	1
21-Jan	7	0	21-Jan	2	1
28-Jan	7	0	28-Jan	1	0
4-Feb	8	1	4-Feb	1	0
11-Feb	11	1	11-Feb	2	1
18-Feb	9	0	18-Feb	1	0
25-Feb	7	0	25-Feb	2	0
3-Mar	8	0	3-Mar	2	0
10-Mar	12	1	10-Mar	4	0
17-Mar	8	0	17-Mar	4	1
24-Mar	12	2	24-Mar	5	2
31-Mar	16	3	31-Mar	3	2

WEDNESDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
1-Jan	4	0	1-Jan	XX	XX
8-Jan	7	0	8-Jan	XX	XX
15-Jan	8	0	15-Jan	XX	XX
22-Jan	8	0	22-Jan	XX	XX
29-Jan	8	1	29-Jan	XX	XX
5-Feb	5	1	5-Feb	XX	XX
12-Feb	9	2	12-Feb	XX	XX
19-Feb	9	2	19-Feb	XX	XX
26-Feb	7	2	26-Feb	XX	XX
4-Mar	12	1	4-Mar	XX	XX
11-Mar	10	0	11-Mar	XX	XX
18-Mar	11	0	18-Mar	XX	XX
25-Mar	16	3	25-Mar	XX	XX

THURSDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
2-Jan	5	0	2-Jan	4	1
9-Jan	5	0	9-Jan	4	2
16-Jan	10	0	16-Jan	3	0
23-Jan	8	0	23-Jan	4	1
30-Jan	10	0	30-Jan	3	1
6-Feb	6	0	6-Feb	3	1
13-Feb	10	0	13-Feb	2	0
20-Feb	7	0	20-Feb	4	1
27-Feb	9	2	27-Feb	2	0
5-Mar	10	1	5-Mar	4	1
12-Mar	12	1	12-Mar	2	0
19-Mar	11	0	19-Mar	2	0
26-Mar	10	0	26-Mar	2	0

FRIDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
2-Jan	2	0	2-Jan	11	3
9-Jan	2	0	9-Jan	11	0
16-Jan	2	0	16-Jan	3	0
23-Jan	8	0	23-Jan	4	1
30-Jan	10	0	30-Jan	3	1
7-Feb	6	0	7-Feb	6	0
14-Feb	2	0	14-Feb	8	0
21-Feb	2	0	21-Feb	7	1
28-Feb	2	0	28-Feb	7	0
6-Mar	2	0	6-Mar	8	1
13-Mar	2	0	13-Mar	8	0
20-Mar	14	2	20-Mar	11	0
27-Mar	13	1	27-Mar	6	0

SATURDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
4-Jan	2	1	4-Jan	XX	XX
11-Jan	3	0	11-Jan	XX	XX
18-Jan	1	0	18-Jan	XX	XX
25-Jan	2	0	25-Jan	XX	XX
1-Feb	1	0	1-Feb	XX	XX
8-Feb	2	1	8-Feb	XX	XX
15-Feb	2	1	15-Feb	XX	XX
22-Feb	5	2	22-Feb	XX	XX
29-Feb	3	1	29-Feb	XX	XX
7-Mar	2	1	7-Mar	XX	XX
14-Mar	3	1	14-Mar	XX	XX
21-Mar	2	0	21-Mar	XX	XX
28-Mar	4	1	28-Mar	XX	XX

XX = No Net Called

Hello out there wherever you may be

For the period of January, February and March 2020 there was just no propagation to work with.

All NCS report just locals checking in. No fun at all. On the bright side, there have been a few E-SKIP openings during April and May.

The band is trying to open up. From my QTH (Phoenix, AZ); I worked into the Northwest (WA, OR, MT, and ID) and California.

Bob N6OPR #45714, Net Manager

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 NØTW	#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**

10 Meter Beacons

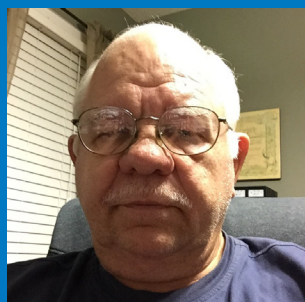
As 10 meter operators one should be aware propagation beacon frequencies are coordinated.

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>



QSO Parties

Dan Morris, KZ3T
(#41015)

2020 Spring DG QSO Party

Apr 25-26

TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. KM4ODS	77504	16	28	60
2. N4ZCG	56067	16	11	43
2. KN4ZZ	57566	16	11	43
3. N4ERM	34524	13	1	27
3. AK4YS	75328	13	1	27
4. KJ4RV	37776	12	1	25
5. KJ4OFD	75796	10	1	21
6. WA2HMM	40510	6	6	18
6. KI4EZL	74359	9	0	18
6. KI4EZK	77510	9	0	18
7. XE1MYO	77788	5	6	16
8. N3GTY	50585	5	0	10
9. N6GP	21149	4	0	8
9. KD2NOM	77596	3	2	8
10. KD5DE	33513	3	1	7
10. W2VTV	71275	3	1	7

CALL AREA ORDER

CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	2	0	4

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	6	6	18
KD2NOM	77596	3	2	8
W2VTV	71275	3	1	7

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
KM4ODS	77504	16	28	60
N4ZCG	56067	16	11	43
KN4ZZ	57566	16	11	43
N4ERM	34524	13	1	27
AK4YS	75328	13	1	27
KJ4RV	37776	12	1	25
KJ4OFD	75796	10	1	21
KI4EZL	74359	9	0	18
KI4EZK	77510	9	0	18
N3GTY	50585	5	0	10
W8IM	2173	1	3	5
KO4OL	67730	0	5	5
KZ3T	41015	1	0	2

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
KD5DE	33513	3	1	7
KM5FF	50356	3	0	6
KM5EH	71103	1	0	2

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
N6GP	21149	4	0	8
AI6O	32671	0	3	3

CALL AREA 9

CALL	10-10#	CTX W	CTX WO	TOTAL
NA9A	31121	1	0	2
K9DXA	75703	1	0	2

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
AK4YS	75328	13	1	27
KJ4RV	37776	12	1	25
KI4EZL	74359	9	0	18
KI4EZK	77510	9	0	18
W8IM	2173	1	3	5

COUNTRY ENTRIES**Mexico**

CALL	10-10#	CTX W	CTX WO	TOTAL
XE1MYO	77788	5	6	16

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
KM4ODS	77504	16	28	60
N4ZCG	56067	16	11	43
KN4ZZ	57566	16	11	43
N4ERM	34524	13	1	27
KJ4OFD	75796	10	1	21
WA2HMM	40510	6	6	18
XE1MYO	77788	5	6	16
N3GTY	50585	5	0	10
N6GP	21149	4	0	8
KD2NOM	77596	3	2	8
KD5DE	33513	3	1	7
W2VTV	71275	3	1	7
KO4OL	67730	0	5	5
N1API	25468	2	0	4
AI6O	32671	0	3	3
KZ3T	41015	1	0	2
K9DXA	75703	1	0	2

HIGH POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
KM5FF	50356	3	0	6
NA9A	31121	1	0	2
KM5EH	71103	1	0	2

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NZ4FF	77686	5	0	10	N3GTY
W5RRV	42114	3	1	7	KD5DE
W1NRG	29650	2	0	4	N1API

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
POSSUM TROT	12	304
STEAMBOAT	2	14
CASTLE CRAIG	2	8
NM MUD DUCKS	2	8
CITY OF LIGHTS	1	2

2020 Spring CW QSO Party**May 2-3****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N6GP	21149	14	9	37
2. N4ZCG	56067	14	6	34
3. N4ERM	34524	15	0	30
3. KI4W	62657	15	0	30
4. W5SUM	2019	11	4	26
4. KJ4RV	37776	13	0	26
4. AK4YS	75328	13	0	26
4. KM4ODS	77504	11	4	26
5. N0TW	36547	10	2	22

TOP TEN (Cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
6. N3GTY	50585	10	0	20
7. K4FET	77603	8	0	16
8. W7MC	69078	4	3	11
8. WB6OJB	70675	5	1	11
9. KD5DE	33513	4	2	10
10. KJ0D	15917	4	1	0

CALL AREA ORDER**CALL AREA 1**

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	2	0	4

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	14	6	34
N4ERM	34524	15	0	30
KI4W	62657	15	0	30
KJ4RV	37776	13	0	26
AK4YS	75328	13	0	26
KM4ODS	77504	11	4	26
N0TW	36547	10	2	22
N3GTY	50585	10	0	20
K4FET	77603	8	0	16
KZ3T	41015	1	0	2
AA4XU	46677	1	0	2

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
W5SUM	2019	11	4	26
KD5DE	33513	4	2	10
KJ0D	15917	4	1	9
KM5FF	50356	3	0	6
KG5ZMQ	77628	2	0	4
KM5EH	71103	1	0	2

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
N6GP	21149	14	9	37
WB6OJB	70675	5	1	11

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
W7MC	69078	4	3	11

CALL AREA 9

CALL	10-10#	CTX W	CTX WO	TOTAL
NA9A	31121	4	0	8
KC9EOQ	74609	2	0	4
K9DXA	75703	1	0	2

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ4RV	37776	13	0	26
AK4YS	75328	13	0	26

COUNTRY ENTRIES**New Zealand**

CALL	10-10#	CTX W	CTX WO	TOTAL
ZL3TE	53431	2	3	7

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
N6GP	21149	14	9	37
N4ZCG	56067	14	6	34
N4ERM	34524	15	0	30
KI4W	62657	15	0	30
KM4ODS	77504	11	4	26
N0TW	36547	10	2	22
N3GTY	50585	10	0	20
K4FET	77603	8	0	16
W7MC	69078	4	3	11
WB6OJB	70675	5	1	11

LOW POWER (CONT.)

CALL	10-10#	CTX W	CTX WO	TOTAL
KD5DE	33513	4	2	10
ZL3TE	53431	2	3	7
KM5FF	50356	3	0	6
N1API	25468	2	0	4
KC9EOQ	74609	2	0	4
KG5ZMQ	77628	2	0	4
KZ3T	41015	1	0	2
AA4XU	46677	1	0	2
K9DXA	75703	1	0	2

HIGH POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
W5SUM	2019	11	4	26
KJ0D	15917	4	1	9
NA9A	31121	4	0	8
KM5EH	71103	1	0	2

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NZ4FF	77686	10	0	20	N3GTY
W1NRG	29650	2	0	4	N1API

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
POSSUM TROT	10	230
STEAMBOAT	2	36
CITY OF LIGHTS	2	12
ARIZONA DESERT	1	11
CASTLE CRAIG	2	8
NM MUD DUCKS	2	8

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
HP1AC	10107	9	4	22	0
NC6Q	75839	9	2	20	0

Minutes Board of Directors Meeting

05/17/2020 5 PM CDST

Zoom Conference

This Meeting included activity reports for April 1, 2019 to March 31, 2020.

Call to order

Moment of Silence in remembrance of 23,066 Silent Keys recorded.

Roll Call

In Attendance President Sojka KD5DE 33513, Past President Webb N0TW 36547, Treasurer Schlottman KR7RK 63324, Director Farrow N6OPR 45715, Director Morris KZ3T 41015, Director Hemby WN4AMO 73825, Director Lieberman KM5EH 71103, Director Trissell KC5ILO 72239, Director Fox KA0ZPP 43428, Data Manager Smith K6RDK 65812, Historian Hull W5SUM 2019, Scholarship Manager Berger WA2SUH 407, SK Manager Steele KD2NOM 77596, and Guest KC5FM 10231.

Quorum was established.

Agenda Was approved.

2019 BOD meeting minutes and all reports were distributed prior to meeting.

President Sojka commented that Hamfest attendance was critical to the organization. Several changes have been made in how we will support hamfests this year if the pandemic ever allows for these to return.

Director Farrow reported that he has attended several local amateur activities during the year and that K1IEB has been selected to replace K6DNR for the Friday 28.800 net.

Director Morris reported a continual decline in both QSO party Logs and well as Bar Awards.

Director Hemby was on the official team at the Hamcation, which was a successful outing for 1010. Also, he noted that we only have an ad in QST. He encouraged the officials represent 1010 at Amateur Activities, as this does provide renewals and new members. He can provide supplies as needed.

Director Lieberman reported that the Awards Managers continue to report activity or the lack thereof on a quarterly basis. He also has attended several Amateur

functions in his local area.

Director Trissell has worked with the Editor in preparing the News each quarter.

Director Fox reported that we currently Have 40 Active Chapters making the required reports. He also queried about follow ups on the Scholarship recipients. This will be a subject of study in the future.

Data Manager Smith reported 872 renewals, 72 new members, 1 life member, and 29 Senior Life members last year. 68% of those up for renewal did so. All were in agreement that the efforts on part of the Data Manager were a very valuable asset.

Complete reports are available on request from the President.

Organizational Chart will be updated 06/01/2020 and will reflect the removal of members that are delinquent in their dues. These members have been contacted concerning this issue.

Individual Awards updates

Two 500 bars and one 100 bar were issued in 2019. Other award updates are published in the News.

Website Updates

Security certificate errors have been resolved, if members continue to have issues, N7YG should be contacted.

New Business

Election 2020: At the time of this report there will be 3 Directors positions that will not be contested. The position of Vice President / Secretary has two candidates.

Director Morris QSO Party Director reported that over the past two years there has only been a couple submissions for the anniversary and work all volunteer events. It was concluded that instead of dropping these events that they be canceled until band conditions improve. In this matter board action was not required.

To accommodate the members that are using weak signal modes the QSO Party Committee will create a QSO Party for these modes. This event will be announced before the end of the year. Motion to create this event was made by Director Morris and seconded by Director Fox. Motion carried.

Treasurer Schlottman reported that even though we are running a bit short of revenue required to operate, we are sound financially due to previous investments. All were in agreement that once conditions improve, we will begin to grow again.

2021 Board meeting will be held after the Dayton Hamvention.

Meeting Adjourned

2020 Scholarship Foundation Meeting

Scholarship Foundation Manager Berger reported that we have been short on needed donations for the last two years. Because of the excess donations previously 1010 was able to fund the required amounts for 4 - \$2000 scholarships. Since the number of donors has declined and due to the ongoing Pandemic it was decided to reduce the number of scholarships to 3. There is enough in the account to cover this requirement.

It appears that band conditions have an effect on even this. During the 2007-2008 period \$13,000 was donated from 168 different donors. At the bottom of the last cycle only \$5,000 was donated and this season there has been \$5,500 donated from 30 different donors.

Motion to reduce the number of scholarships to 3 - \$2,000 was made by Director Morris and seconded by Director Hemby.

Meeting Adjourned

ANTENNA SYSTEM PROJECT – PART 1

For some time now, I have been thinking about making a remote-controlled tuner for my antenna. In the February 1990 issue of QST, I was very interested in an article about a balanced tuner: A *Balanced* Balanced Antenna Tuner by Richard Measures AG6K. ARRL members can view this article at www.arrl.org. Go to the QST page and search the QST archive.

After reading Walter Maxwell's W2DU series of articles on SWR published in QST, I was convinced that feeding an antenna with a balanced feedline (ladder line, window-line, etc.) was the best way to go. Especially if you want to use that antenna on multiple bands. As Maxwell explains and then shows in his article, using open line or window line to feed your antenna allows most of your transmitter's power to reach the antenna, even with very high SWR on the feedline. Although you can certainly find antenna tuners on the market that have balanced connections to the antenna feedline, that balanced output was achieved through a 4:1 balun. More specifically, a voltage balun. As Maxwell points out in his articles, the voltage balun can cause a significant power loss and can even become saturated at high VSWR values. I wanted a tuner that could match just about any SWR present on its antenna connector(s) and not have to use a transformer to match the impedance. Richard Measures' design seemed to fit my need perfectly. Figure 1 shows the basic design of his *Balanced* Balanced Antenna Tuner.

Soon after reading Measures' article, I started collecting the necessary parts to build it. I even sent a letter to Richard asking for help in finding parts, which he answered and gave some good advice and information. At the time, I was not able to locate DC motors to control the tuner's capacitor and inductors.

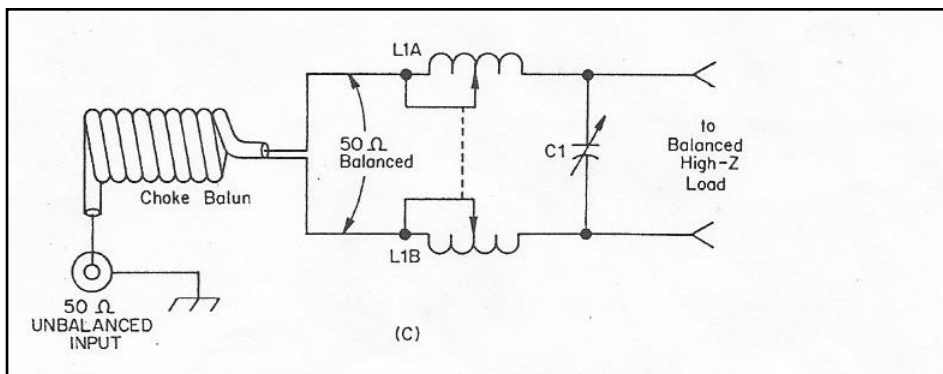


Figure 1. Balance L-Network fed by a Choke Balun

So, I built the tuner in the article with only manual controls. Figure 2 shows the internal components of my tuner.

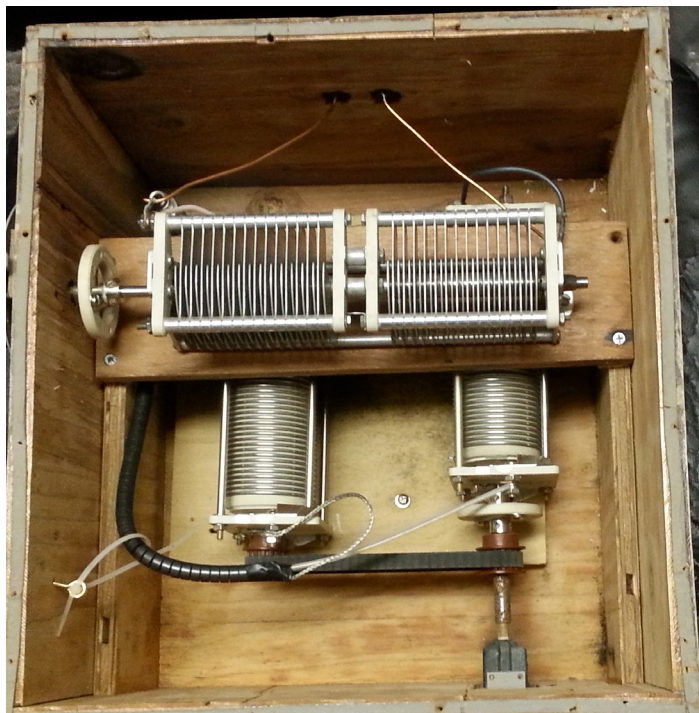


Figure 2. Internal View of Tuner

Below the variable capacitor are the two inductors which are synced by the timing belt you can see at the bottom end of the inductors. Going out from the left inductor to the zip tie and down the left side of the box is the current balun. You can see the ferrite beads that make up the choke stacked on the cable.

Of course, these controls had to have indicators so they could be positioned correctly to achieve minimum SWR for each frequency and antenna. The capacitor has a large knob with numbers around the outside edge and the main shaft to the inductors is connected to a turn-counter crank.

Initially I made the tuner enclosure weatherproof and mounted it outside where the window line from my dipole came down. This was about 20 feet from the shack. RG-8 was used between my transceiver and the tuner. This made it possible to always have a 1:1 SWR on the RG-8, because the tuner would transform whatever impedance was present on the antenna side to 50-Ohm resistance only impedance on the transceiver side. Once tuned, I could operate within a narrow range of frequencies where the SWR was 2.0:1 or below. Changing bands and moving to a frequency outside of that bandwidth required going outside, sometimes in the rain, and adjusting the controls for the new frequency. A real pain in the butt. However, the tuner could tune my 153-foot dipole to any band (80 – 10) and always present a 1:1 SWR at the transceiver's antenna connector. Sure, the SWR on the window line could be fairly high, but as Maxwell explains in his articles, the loss in window line is quite insignificant. For HF frequencies, the loss per 100 feet is less than 0.2 DB.

Some time later, not wanting to go out in the rain, I cut a hole in the wall of my shack and feed the window line through it and mounted the tuner right where the feed line came in through the wall. See figure 3. But it still has to be adjusted manually.



Figure 3. Wall-Mounted Tuner

I eventually replaced the dipole with a 160-meter loop (~575 feet) or skywire. A big improvement in reception and transmission. The biggest change was the reduction in noise level. The tuner has no trouble matching whatever the skywire and window-line presents at the end of the feedline.

Now years have passed and I have been fairly happy with the operation of the antenna system. So much so, that when a friend of mine Rob NR3O) asked me about what he should put up for antennas, I lobbied for the 160-meter loop with a tuner. He thought that sounded good and proceeded to put a skywire up on his property. He used window line from the antenna feed point to the ground just below. There he connected a 4:1 balun and ran coax from the balun to the shack about 200 feet away. As you can expect, he got some good matches on some frequencies, but most of the bands had very high SWR values. He enjoys the low noise level of this type of antenna on all the bands, but is very limited on what frequencies he can transmit on.

Rob and I discussed a number of options and settled on the option of building the Balanced Balanced Antenna Tuner that Richard Measurers designed. As the location of the tuner is going to be just below the antenna, there will be a long distance between the shack and the tuner. This was the point at which I talked about actually designing the tuner so it could be remotely controlled from the shack. Rob agreed and we started working together to make that happen.

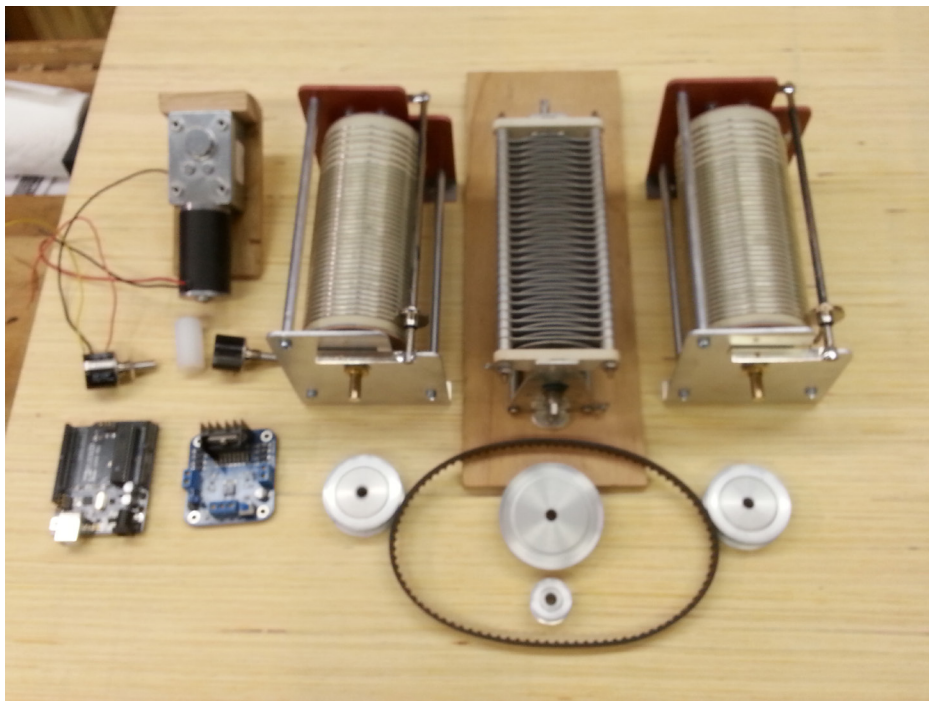


Figure 4. Parts for the Balanced Antenna Tuner

The basic tuner components are the same as those designed into this tuner in 1990. Figure 1 shows a schematic of the Balanced Balanced Antenna Tuner.

As of this writing we have obtained the two roller inductors, a variable capacitor, DC Geared Motor, Arduino microcontroller, motor controller board, and timing belt and appropriate pulleys to link the two inductors together.

The components to complete the remote operation have come a long way since Richard created his design. His design called for DPDT switches that could be manually toggled to apply voltage to the DC Motors with different polarities so the direction of movement could be controlled. Potentiometers would be attached to the shafts of the components and two ammeters would be used to show the position of the components so you could easily return each component to its correct position for each frequency.

Looking at what is available today, I decided to base the remote control around an Arduino UNO microcontroller. At least that is where I am starting. As we move along in this project, there may need to be changes.

The first phase is to be able to control the movement of the inductors and capacitor with simple toggle switches at the tuner and from the shack 200 feet away. With that distance, supplying power and a remote control cable to the tuner from the shack is not desirable. So, we plan to power the tuner with a battery and use a solar panel to keep it charged. The remote control of the tuner will be through an Xbee (or similar) wireless communication channel.

Some of the features we hope to have in this project are:

- Antenna SWR profile mapping to speed tuning once an antenna is "known".
- SWR Measurement to give the Arduino feedback for auto tuning.
- Power measurement at the tuner to feedback to the shack over the wireless comm channel.
- Tuning handshaking with a transceiver via the wireless comm channel.

I thought the readers of this newsletter might find following this project interesting. Though this project doesn't focus on the 10-Meter band, it does have some 10-meter application. My intent is to give you, the reader, an update on this project in each issue until it is complete. It is my hope that others can learn from our challenges and solutions as Rob and I move through this project.

Randy, AJ7B #7675

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.

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 2021. 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 see payment information on-line or send your check to me or the Data Manager. Our addresses can be found on Page 33.

The members listed below became 10-10 Scholarship Foundation Supporters during the months of March, April and May and we appreciate their support.

Platinum (\$1000 or more)

N5MT Michael Davidson 24949

Gold (\$500 to \$999)

None

Silver (\$100 to \$499)

K4QYC Joe Sport 51459

KE6DRN Charles Thompson 68855

Bronze (Up to \$99)

W0VUB Frances Hayes 00593

WA4JA Joseph Almon 72743

N8YI Paul Andrews 73913

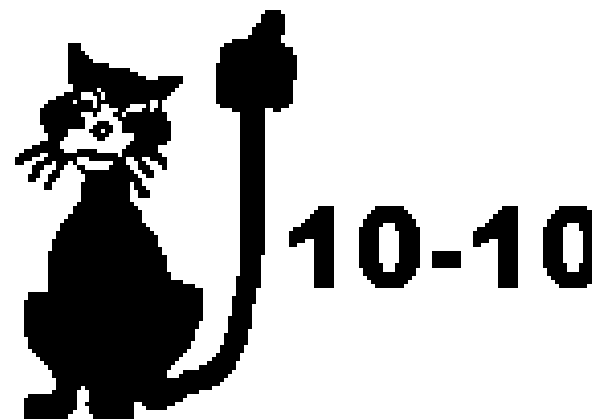
N8YFF Joan Andrews 73914

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. 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



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

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

1000+ MILESTONE BARS

1200 BAR

NO.	CALL	10-10#
1119	WA2HMM	40510

5100 BAR

NO.	CALL	10-10#
92	N0TW	36547

WAC

NO.	CALL	10-10#
633	NL7WA	57526

DIGITAL AWARDS

600 CONTACTS

NO.	CALL	10-10#
5	WA2HMM	40510

WPX AWARD

Number BAR

NO.	CALL	10-10#
131	WA2HMM	40510

How Is Solar Cycle 24 Doing?

Carl Luetzelschwab K9LA (10-10 #41258) June 5, 2020

Solar Cycle 24 is doing fine – if you don't mind being very near solar minimum between Cycles 24 and 25! If you're a low band enthusiast (160m, 80m, 60m and 40m), hopefully you've been taking advantage of the propagation on these bands (which are considered to be best around solar minimum). If you're a 10m aficionado (and I assume you are since you're reading this in the 10-10 News), you're bemoaning a lack of sunspots and 10.7 cm solar flux.

Figure 1 shows the 10.7 cm solar flux data through May 2020 from www.swpc.noaa.gov/. There is always an update of the data early in the month for the previous month at the SWPC (Space Weather Prediction Center) web site. For example, the June 2020 data will show up in early July 2020.

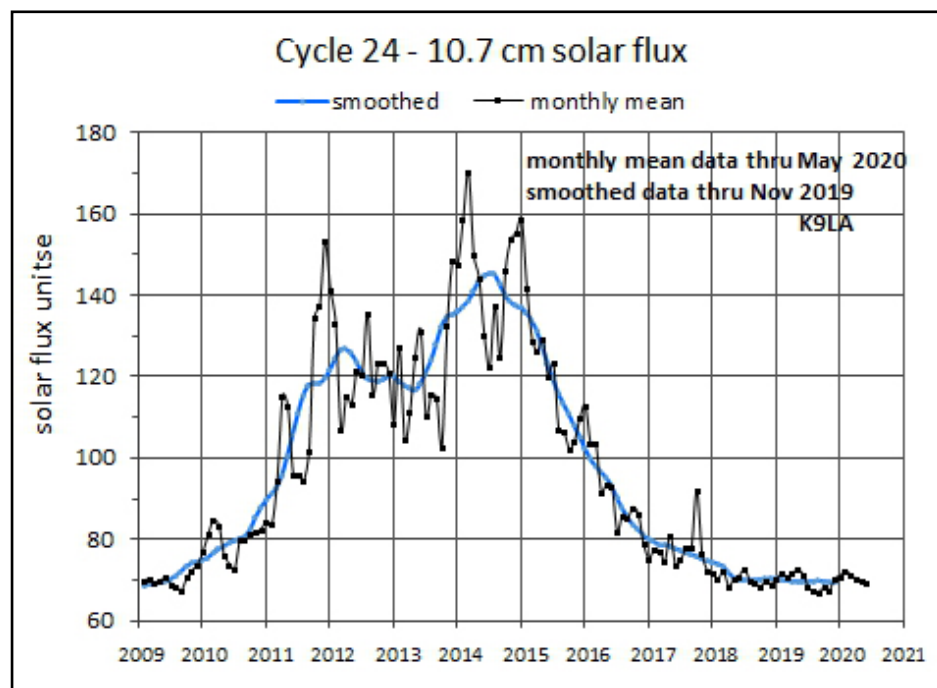


Figure 1. Monthly Mean Solar Flux Data

The spiky black curve is the monthly mean 10.7 cm solar flux data, whereas the less-spiky blue curve is the smoothed 10.7 cm solar flux (the monthly mean data is further averaged to 'smooth out' the spiky monthly mean data – as a result, the smoothed data is six months behind the monthly mean data).

Note that Cycle 25 hasn't started ascending yet. We've already seen Cycle 25 sunspots, but not enough to start seeing an ascent. How long will this solar minimum last? That's an interesting question. Figure 2 shows data for the past

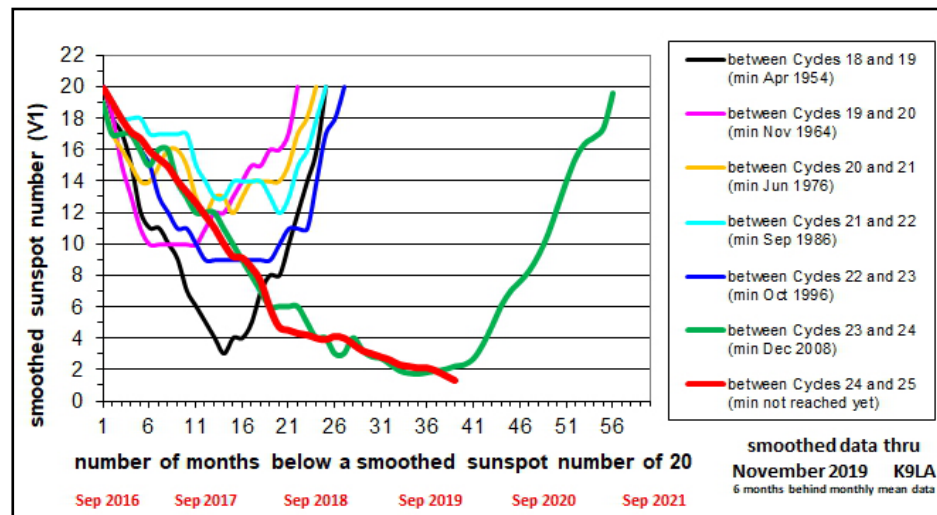


Figure 2. Number of Months Below 20 Sunspots

six solar minimum periods.

The solar minimum periods between Cycles 18/19 and through Cycles 22/23 only lasted about two years (by my definition of the smoothed sunspot number being below 20). Thus, we became very accustomed to short solar minimum periods. But then the solar minimum period between Cycles 23/24 (the thick green curve) lasted almost five years. And it looks like the current solar minimum period (the thick red curve with the dates at the bottom in red) will be at least as long as the last solar minimum – in fact, it looks like we're still headed downward per the latest data. The next several months will give us a better picture of what's happening.

The NOAA/NASA Solar Cycle 25 International Panel predicts (one of many predictions) that the smoothed sunspot number will bottom out in April 2020 (+/- 6 months). Remember that the latest smoothed sunspot number is for November 2019, so their prediction seems reasonable.

They predict Cycle 25 will peak in July 2025 (+/- 8 months) at a maximum smoothed sunspot number of 115 (similar to Cycle 24). Hopefully the NOAA/NASA prediction of solar minimum will become true, and we'll be enjoying better 10m propagation in a couple years. To reiterate – we've already seen a few Cycle 25 sunspots – so Cycle 25 is alive!

But right now, we're still at solar minimum. Here's what we can expect on 10m:

1) We'll have occasional openings to the south (Caribbean, South America, Central America), to VK/ZL and to Africa thanks to the robust equatorial ionosphere – for those of us in the northern tier of states, we usually require a link for these QSOs, which can be sporadic E.

2) Expect 10m sporadic E to increase (hopefully!) as we move into summer.

3) Watch for possible short-term enhancements in propagation on 10m when the K index spikes up or when there's a decent spike in the sunspot number/solar flux – these are not predicted by our propagation prediction programs.

4) Get on the digital modes (FT8, for example) to use the signal-to-noise ratio advantage – the digital modes will make this solar minimum period the most active in history on the higher bands.

In summary, get radio-active! If you have any questions, you can e-mail me at k9la@arrl.net.

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	Bob Bishchoff K4QHH #26040	180 Persimmon, Rutherfordton, NC 28139-9319	(000) 000-0000	rabisch@hotmail.com
VP WAS.	Bob Bishchoff K4QHH #26040	180 Persimmon, Rutherfordton, NC 28139-9319	(000) 000-0000	rabisch@hotmail.com
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@tvccconnect.net
Counties	Brad Kimble, K0DBK #55192	3855 66th St. E., Inver Grove Hts, MN 55076-2222	(651) 755-9192	kzerodbk@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) 861-7012	kd5de@nwla.com
Mobile	Bob Bishchoff K4QHH #26040	180 Persimmon, Rutherfordton, NC 28139-9319	(000) 000-0000	rabisch@hotmail.com
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

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 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.

Ten Ten International Net, Inc.
 Official Ballot for the election of Officers and Directors
 Ballot Instructions

Vote for Vice President / Secretary. The three director positions are unopposed. Incorrectly marked ballots will void your vote. You may cut this ballot out or photocopy it to be completed and mailed. Place **ONE** ballot only in an envelope and write your name, call, and Ten Ten number in the upper left-hand corner of the envelope.

Envelopes not displaying this information will not be counted.

If you would rather vote electronically instead of by mail, follow the Electronic Voting Instructions on page 21. You must be a current (paid up) member.

MAIL TO:

Jeff Steinkamp N7YG #65084
 OFFICIAL BALLOT
 6755 E. Rosewood Cir.
 Tucson, AZ 86701

Mail your ballot as soon as possible. Ballots received after October 1, 2020 will not be counted.

MARK YOUR BALLOT CAREFULLY!!!

CANDIDATES FOR VICE PRESIDENT / SECRETARY
VOTE FOR ONE (1) ONLY

- ☐ Gregory Malone, WA3GM, #46927
- ☐ Ronnie Hull, W5SUM, #2019

Electronic Voting Instructions

To vote on-line:

1. Go to <http://www.ten-ten.org> and login using your credentials. If you are a paid up member, you will see a menu item on the far right labeled Members.
2. Click on the "Members" button.

Warning: Once you start the ballot process (next step) you cannot stop and return. You must complete voting in one login session.

3. Click on "Election" in the drop-down menu that appears under Members.

4. Make your Director selections and be sure your ballot is correct before clicking on the Submit button. Once you submit the ballot, you cannot change your vote.

4. Click the Submit button to register your vote. Your vote is automatically tallied and your name is recorded in the Voted Queue. You will not be able to vote again.

If you choose not to use the electronic ballot process, there is a mail-in ballot with instructions printed on page 21 of this Newsletter. If you mail in a ballot and also vote online, both votes will be null and void.

2020 Election Candidate Bios

Gregory Malone, WA3GM, #46927 - Vice President



I am seeking the position of Vice President for the 10-10 International Net.

I am currently the Vice President in the ten-ten organization, a position I have held for the past two years, and a former Director.

I attend the Orlando Hamcation every year and work the 10-10 booth and usually Dayton every other year depending on family commitments.

I have been a member of Ten-Ten since 1987 almost 31 years ever since I was licensed. Ten-Ten is and always has been a great organization with friendly people who always made one feel welcome especially newcomers as they did to me when I first became a ham.

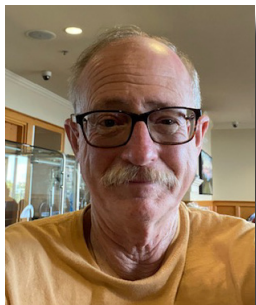
I am a member of many chapters and use to do a lot of Paper Chasing with 10-10 back in the day and made many great acquaintances. I participate in all 10-10 Contest no matter what the mode and enjoy the fun of contesting. I continually promote the use of 10 meters and the 10-10 organization in most of my QSOs in whatever mode I am operating.

I am 66 years of age. I spent 12 years in the PA Army National Guard attaining the rank of SFC and that of acting First Sergeant before my retirement. My early career was spent as a Disc Jockey/Newsman back in the early 1970's. I then entered the call for Uncle Sam at Ft. Dix, NJ. After the service I spent the next 40 years as a Police Sgt where I served in various departments and units to include Highway Safety, S.W.A.T., Patrol, Detectives and finally retired 4 years ago as the Departments Administrative Staff Sergeant.

If Re-elected as a Vice President I will ensure to uphold the By-Laws of 10-10 International and strive to attain new members as I currently do now.

Thank you for your time and your vote of confidence in me.

Ronnie Hull, W5SUM, #2019 - Vice President



I am seeking the position of Vice president of 10-10. I became a member of 10-10 International in 1971 with number 2019. I am a senior life member. For 49 years I have been an active 10-meter operator. I was a founding member of the Red River Valley Steamboat Chapter. After a few years of inactivity, Mel KD5DE and I refloated the boat and the chapter is still active and growing. I am active on SSB and CW, and look forward to propagation returning so we can begin to see more activity on 10M

I have DXCC with 302 Countries confirmed, 203 of them on 10M. I have DXCC on CW and Phone on 10M. I love amateur radio projects, especially homebrew tx's and rx's.

If chosen to serve in a leadership role within 10-10, I hope to encourage growth in membership numbers, especially among newly licensed operators, and to continue to promote growth of 10-10 into the coming solar cycle, and to encourage the return of many of our chapters that have gone inactive. As Vice president I will help and assist the President in any manner needed. I will also try to attend at least 4 large hamfests per year and man the 10-10 booth.

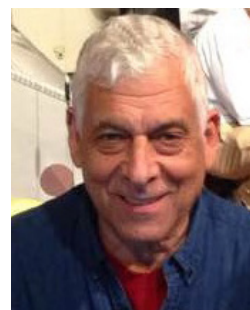
Bob Farrow, N6OPR, #45715 – Director (UNOPPOSED)



I am Robert, (Bob), Farrow, N6OPR, #45715. I am an incumbent Director running for reelection to the 10-10 Board of Directors. I have been a ham since 1986 and received my 10-10 number in 1987. I am a Senior Life member. I am an active member of 10-10, calling the net on Thursday on 28.380 MHz since 1991. Besides being the net control, I am also the Director of Net Management. I regularly check into the other 10-10 daily nets. I also run the MLB chapter, as Chapter Head and Certificate Manager calling this net on Sundays. I have attended the last eight bi-annual conventions and several

Hill Country Picnics. I can be found operating SSB, PSK31, RTTY, and CW. I participate in most of the 10-10 QSO Parties with my favorite being the 10-10 Sprint. I joined the Board in 2006. As Director I am responsible for the running of the 10-10 Nets. My main responsibility is to ensure that proper net procedures are followed, important 10-10 events are announced during the nets and that all nets are called as scheduled. I have represented 10-10 at various clubs, hamfests and conventions. I would appreciate your support.

WA2SUH, Larry Berger, #00407 - Director (UNOPPOSED)



I have been involved with 10-10 for over 50 years and have been one of its biggest supporters. Over the years I have served in the following positions: Second District Manager (1979-1997), Director (1998-2007) and Vice-President (2008-2016). I have been the Scholarship Manager since 2001 and have worked hard to ensure that our scholarships are funded entirely through member donations.

As Cycle 25 rises, in addition to checking into the daily 10-10 and chapter nets when we can, we should all try some of the following to ensure the continued health of

10-10: encourage people to get on the band; call and answer CQ's, in our QSO's tactfully let people know about the opportunities that 10-10 affords and plug our website; volunteer to speak about 10-10 at radio club meetings; set up a 10-10 table at hamfests; set a good example as an operator and encourage others to do the same. The digital modes should be attractive to young hams and we can let them know that these can be used to exchange 10-10 numbers I'd like to see an Echolink conference group established and Zoom-type meetings can allow 10-10 members to keep the enthusiasm going when it is not possible to communicate by radio on 10 meters.

I look forward to serving again as a Director, working with our excellent Board of Directors and other committed volunteers.

Mark Steele, KD2NOM, #77596 - Director (UNOPPOSED)



I am seeking the position of Director. I am a relatively new Ham and joined Ten-Ten the first year I was licensed. I enjoy working digital modes and SSB with a goal of becoming proficient at CW within the next 12 months. Ten meters has fascinated me since I was licensed, and my first antenna was a repurposed 11-meter vertical. I took over as SK Manager last year and have enjoyed working with both the leadership and the volunteers within the organization. I have attended several board meetings and have volunteered my time to help with the Social Media aspects of Ten-Ten. If elected as Director, I will

work closely with the Board of Directors, the Volunteers and the Membership to continue leveraging existing avenues of promotion, and to identify new ones, for the benefit of the Ten-Ten organization. In my day job as CIO of a small streaming media company I am focused on improving the customer experience when they come in contact with my team, and I will bring that experience to this position at Ten-Ten International.

Thank you.

Ten-Ten International and the Digital Age

Jeff Steinkamp, N7YG, 65084 – IT Manager

Coping with the digital age in our society has become a continuing nightmare for just about anyone who accesses the internet for just about anything these days. I have been in this business for more years than I care to think about and I get frustrated at least once a week at the ever changing requirements levied by online content providers. I can only imagine the frustration that most of you encounter on a day to day basis.

Security and protection of your online data and profile has become the #1 job of anyone that collects any type of data from you as an individual. Over the past

three years, there has been an explosion in online criminal activity, all in the name of stealing personal information from anyone whose personal information is not locked down like Fort Knox. Organizational IT managers have found this, in itself, is a 24/7 activity.

Recently, the European Union enacted the General Data Protection Regulations (GDPR) that governs how an individual's personal information is to be protected by those entities that collect such information and the steps that are required to allow the release of that information. Non-compliance of these extremely stiff regulations can result in some very large financial liabilities for an individual or an organization. While the jury is still out on how far the EU's legal arm can extend outside of the EU, the state of California has enacted a very similar set of regulations based on the GDPR called the California Consumer Privacy Act (CCPA) which took effect in January of 2020.

Ten-Ten made the decision last year to comply with the GDPR and since we are a business entity in the State of CA, we are required to adhere to CCPA. Ten-Ten does not release personal data to anyone outside of organizational management nor do we sell personal data for marketing research. The data we do collect for the membership database and the website registration database is stored in a secure database on a secured server.

User Names and Passwords

Securing your personal data is a dual process and much of that responsibility is levied on you to create a user name and password combination that is impossible to crack. Gone are the days of using something easy to remember such as birthdays or kids names as passwords. There are some very sophisticated software applications out there that can crack a password in a matter of seconds, depending on the level of difficulty you designed into your password. The company I work for just instituted a new password policy effective on your next required password change and for me that was 1 May 2020! The password must be a minimum of 16 characters with a minimum of 2 uppercase letters, 3 lower case letters, 2 numbers and 2 special characters from a list of characters. While this might seem to be a bit extreme, the probability of getting a password like this cracked is almost nil.

I can hear you now, "OMG Jeff, I need a GPS to find my way to the coffee pot in the morning, how do you expect me to remember a random string of 16 characters!" And that my friends is the double edge sword – creating a password, then remember it!!

Creating the password is the simple part, so we'll start with that. There are a number of password generator applications available to either download as an application on your computer, or create one online. The online Secure Password Generator is a pretty neat online application that will generate a password to your specification and give you a hint on how to remember that

jumble of characters.

You can create a nice secure password using the following method. Select a simple phrase, such as My Dog Has Fleas. Get rid of the spaces and then we use a method called vowel substitution. This is where you create a substitution key and replace each vowel with a number or special character.

A = 8
E = 3
I = !
O = @
U = ~
Y = 4

So now our phrase/password becomes M4D@gH8sFI38s. Go ahead script kiddies, break that sucker!! Using a key like this, you can create a multitude of very secure passwords from common, easy to remember phrases.

Remembering these is going to be a challenge for anyone. So you will need a password vault. Most web browsers these days have a quasi password vault built in. I have used these in the past, but I am still not convinced how secure these are. If you are using Anti-Virus protection software such as Norton or MacAfee, they have pretty secure password vaults you can use that are very easy to manage. You can also create your own using a simple spreadsheet such as Excel that is included with the Microsoft Office Suite or the spreadsheet that is included with the Open Source application called Libre Office. Any spreadsheet that will allow you to apply a password to lock the sheet for reading and writing will work. This is the method I use and I have that stored with a mundane name on a Cloud Drive that I can access from any of my devices or my spouses devices. You can design this any way you want, but you should included as a minimum what the password is for, such as the website address, the username and password along with any of those security questions they will ask you when you need to change something. Between my spouse and I, we have over 100 entries in that file!

Remember, securing your personal information is your responsibility!

Ten-Ten Website

Ten-Ten has had an online website presence for many years and the site has gone through a number of face lifts. In order to secure the site from hackers we changed the site from a simple text based, mark-up language presentation to the more complex and secure Content Management System. This allowed us, among other things, to create a manageable User Registration System. By assigning roles to each user, we can now target content to each user based on their collection of roles. One of the benefits of being a paid up member is you can access the Quarterly News Letter directly from the website when it becomes available. If you have not created a User Registration at the web site,

now would be a good time to do that.

You can access the website at ten-ten.org or 10-10.org. Either of these addresses will resolve to a secure login. The address bar of you web browser will give you some type of lock symbol letting you know the site security certificate is good.

The top portion of the website home page will look something like the graphic below:

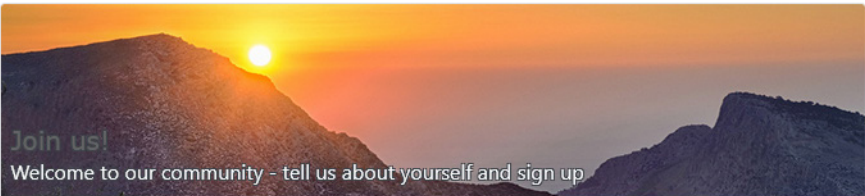


If you are already a registered user, simply type in the credentials you create and click the Log In button.

If you are a new user and want to create a new registration at the website, click the link Sign Up. You'll be routed to the registration screen.

Fill out this simple form. Make sure that in the name block you use your First and Last name. No pseudo names as the administrators check each and every registration and if the name does not match up with the Ten-Ten number and the callsign, that request will be bounced.

Enter a valid email address that you normally receive email at. This is the address that the website will use to communicate with you to first verify your email address, then in the event you need to make changes to your registration or help you recover your user name and/or password. Be leery of email forwarding services. Complete the rest of the form including the Captcha then click sign up. If you have difficulty reading the displayed Captcha, you can click the circular arrows to display another, or you can click on the little speaker and have that series of characters read to you through your computers audios system if it is setup correctly.



Join us!
Welcome to our community - tell us about yourself and sign up.

Name ★ 👁

Email ★ 👁


Username ★ 👁

Password ★ 👁

Verify Password ★ 👁

Ten-Ten Number ★ 👁

Ham Radio Call Sign ★ 👁

Captcha  ★ 👁

Thanks for visiting our site! Hope you enjoy your stay!

Powered by Community Builder

Shortly, you will receive an email to verify your email address. Follow the instructions.

In the event you have forgotten or misplaced you login credentials, the website can be used to help you recover those.

Check the box for username or password and enter the email address you provided when you signed up.

In the event you need to recover both, start with your user name and once you have recovered that, then you can recover your password.

If you do not receive the email in a short amount of time, then there is a good

Lost your Username or your Password ?

Reminder needed for ☒ Lost Username ☒ Lost Password

If you **forgot both your username and your password**, please recover the username first, then the password. To recover your username, please enter your E-mail Address, leaving Username field empty, then click the Send Username button, and your username will be sent to your email address. From there you can use this same form to recover your password.

E-mail Address:

Powered by Community Builder

chance that the email address we have is not correct or your email service is bouncing the email. If that is the case, then please contact the webmaster at webmaster@ten-ten.org and we can assist in changing your email address at the administration level.

Ten-Ten and Social Media

Recently the Board of Directors authorized Ten-Ten to create an official social media presence and we have started with Facebook. If you are on Facebook, you can search for Ten-Ten International. This is a public group but membership is restricted to members of Ten-Ten. When you request to join the Facebook group, you will be required to answer two questions, Callsign and 10-10 Number. Please keep the discussions related to 10-10 and ham radio.

In the next issue of this newsletter, find out how to change your email address and access back issues of the newsletter.

Meet The Volunteers

Note: The Annual "Meet the Volunteers" event has been canceled until further notice due to band conditions.

AE6Q, Mary	Committee Member	KZ3T, Dan	Director/QSO Party Manager
AJ7B, Randy	Newsletter Editor	N0TW, Terry	Past President
G4BLH, Mike	Awards – GB	N2WIE, Tony	Awards – 1000+ Bars
K0DBK, Brad	Awards – Counties	N5MT, Mike	Awards – DX
K1IEB	Net Control	N6ELK, Louise	Net Control
KD2NOM, Mark	SK Manager	N6OPR, Bob	Director/Net Manager
K4QHH, Bob	Award Manager-Mobile & VP	N7YG, Jeff	IT Manager
K5BKT, Peggy	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
KI6OY, Lee	Awards – CW	WB0CON, Eva	Awards – WAS
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

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.

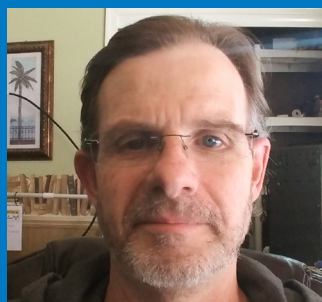
LOYAL..... offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

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.



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
00155	W9YVE	Dorwin E. Julius - Effingham, IL
00611	VE4RL	Champ Russenholt - Ames, CAN
00629	K3VJ	Dennis J. DiGalbo - Phoenix, MD
01536	K8CYN	Bronson R. Gillogly - Zanesville, OH
03041	K4WVS	Douglas L. Moore - Vinton, VA
03464	WA9OYL	Herbert David Collins - Peachtree City, GA
04111	WA7JCK	Merle Hutton - Tucson, AZ
06943	W8SKS	Stanley K. Summers - Kalkaska, MI
07517	K5AOL	Bobby Castlebury - Brookston, TX
07873	K6FM	Jan K. Moller - Colfax, WA
08303	K5HR	Lester A. Goins - Shreveport, LA
08823	W6FWX	Ricardo J. Alfaro, II - San Francisco, CA
09684	WB2HWZ	Kenneth J. Henrich - Landing, NJ
09695	K2UFM	Warren P. Hager - Hillsdale, NJ
09739	N2RB	Raymond E. Baycar - Allentown, PA
10604	W8NAY	Carl E. Nay - Tiffin, OH
11610	W5OEC	Edward H. Duclos - Oklahoma City, OK
11843	K5ERJ	Ed Redwine - Andover, KS
12236	K4KJZ	Gerald E. Blankenship - Auburn, AL
12964	W6SPS	Patrick J. Blaylock - Sun City West, AZ
13760	W1CBQ	Wendell R. Whitten - Sacrborough, ME
14213	WA5MPW	Evelyn W. Bartlet - Beaumont, TX
14574	W8PJY	William C. Labermeier, Sr. - Mt. Healthy, OH
14696	K4LTA	Bill J. OKain - Oak Ridge, TN
16072	W0LE	James A. Lee - North Oaks, MN
16093	KB8AI	Gerald R. Druyer - Dearborn Heights, MI
17757	KN4Y	Ed Palagyi - Crawfordville, FL
18525	W9RCK	Robert C. Klein - Dyckesville, WI
18760	WD4EWB	David L. McCardell, Sr. - Chattanooga, TN
18992	AJ8Y	Dennis F. Chaney - Findlay, OH
20135	KX2W	Freeman S. Shontz - Southampton, NJ
20621	K1YI	Francis J. Furmanick - Princeton, MA
20852	WD8AWV	Robert A. Hull - Omaha, NE
20955	K4HTV	Gary W. Hartley - Boone, NC
20986	KU4W	William E. Kelchner, Jr. - Raeford, NC
21446	W7EJS	Ernest J. Sabo, Jr. - Bothell, WA

10-10#	Call	Name - City, State
21504	WA2NHA	Howard L. Messing - Sparta, NJ
21627	N4ION	Neil E. Taylor - Clanton, AL
24140	KC4YA	Andrew H. Williamson, Jr. - Dunwoody, GA
24240	K9NM	Norman F. McKain - Anderson, IN
24780	NN4G	Randall D. Everman - Grayson, KY
25127	WD0DEH	Allen A. Hertzberg - Paynesville, MN
26196	N4AJF	Lee H. Swanson - Cary, NC
26607	WB5LBR	Mary L. McDonaled - Baton Rouge, LA
26939	K7YW	Leonard J. Kersheskey - Littlestown, PA
27179	W6GAM	Charles E. Mancebo - Modesto, CA
27575	KB5SY	Warren B. Singleton - Groves, TX
28471	KB5RX	Samuel R. Skaggs - Santa Fe, NM
29613	K1THP	Dave Karpiej - New Britain, CT
30620	N6DQM	Mary K. Mancebo - Atwater, CA
30878	AE4TF	Robert A. Meeker - Vestal, NY
30903	PA2NJC	Nick Cox - Posterholt, NLD
31649	W6YD	George A. Allan - Los Banos, CA
32584	WA1TRK	Gerald R. Graham - Avon, CT
32678	KH6DX	Donald W. Stribling - Hilo, HI
32905	VE2BOG	Gilbert Fontaine - Sherbrooke, CAN
33826	N3CHS	Jack A. Gurskey - Sunderland, MD
33897	N3BPB	William E. Kristoff, Jr. - Wexford, PA
33967	KA1CFA	Allan B. Schwartz - Cheshire, CT
34001	WE8M	Earl D. Sharp - Beavercreek, OH
34087	KW8E	Louis G. Konopinski - Niles, MI
34844	KX2Y	Neil W. Kingsley - North Hero, VT
34920	KY0X	David C. Neiman - Clear Lake, MN
35436	WD8BWK	John S. Seidelman - Holland, MI
35986	VE3MSK	Bob Ball - Ottawa, CAN
36642	W6PS	David A. Bermann - Modesto, CA
37069	KC9UX	Garryl W. Boyer - Lebanon, IN
37331	K4GIM	Joseph Carretta, Jr. - Springfield, VA
38665	KQ1O	Arthur J. Perry, Jr. - Waterford, CT
39172	KX4RF	Craig S. Thompson - Bradenton, FL
40129	N6JQL	Roland H. Dinsmoor - Salem, OR
40823	KF5DA	Darrell B. Reed - Ada, OK
42714	WG8J	Bill Beverly - Kalamazoo, MI
44589	K8EXF	James A. Keesler - Rives Junction, MI
45850	UN7FZ	Igor Martemyanov - Pavlodar, KAZ
46499	KM4JL	Austin L. Shamblyn - Oak Ridge, TN
46906	W8OHT	John E. Sherrick - Waldorf, MD
47674	WZ7H	Earl R. Swiney - Bonney Lake, WA
48551	WA6YPV	George M. Martin - San Jose, CA
48668	N5MFI	Raymond L. Bartholomew - Texarkana, AR
49438	W6LRS	Thomas A. Haley - Clovis, CA
50433	VE4WWG	Warren Giesbrecht - Beausejour, CAN
50760	WB4YSQ	Ellen J. Sylvester - Cross Junction, VA

51268 K1HFR Jonathan D. Kratovil - Agawam, MA
 51489 N4UAN Frederick F Pepper - Yadkinville, NC
 51490 K4RKI Glynn R. Furr - Cary, NC
 52257 AB4NM Donald L. Cooley - Dayton, TN
 55045 WA1VAV William E. Marchant - Newton Center, MA
 55913 WU9T Donald G. Chinnery - Marienette, WI
 56552 N1HUI Thomas M. Raiola - Branford, CT
 56860 KA3WWG Mary Jane Herrington - Greenwood, DE
 57168 KB5NAJ Earl Y. Bateman, Jr. - Dallas, TX
 59395 KA0PII Larry D. Haskins - Woodland Park, CO
 59963 KA7SWA Kevin S. Truman - Parowan, UT
 63003 N3LWP Robert W. Benna - Ross Township, PA
 64449 KD4YEL Mitchell F. Leininger - Colonial Heights, VA
 64597 N3OLK Herbert J. Scott, Jr. - Mt. Airy, PA
 67433 N9TA John F. Bennett - Crawfordsville, IN
 67470 K9POE Kenneth W. Poe - Greenwood, IN
 67796 KD4ZBP Clifford P. Haycock - Tucson, AZ
 67955 KY7W Steve Gurley - Tempe, AZ
 68456 KC4UWS James E. Terrell - Fairfax, VA
 69226 K9EBY Jerry M. Yelch - Princeton, IN
 69645 W3IEZ Robert L. Flesch - Gilbert, AZ
 70368 W4ZD Marvin W. Lusa, Jr. - Gainesville, GA
 72211 K9MPX Harold D. Pschirrer - Canton, IL
 72793 KK4DW George D. Ballentine - Orlando, FL
 74380 N5BUD Richard Brown - Baton Rouge, LA
 74664 W4GFG George F. Guler - Tavares, FL
 75690 KC4WVV Ron F. Civils - Deep Run, NC
 77332 W3AZD Donald B. Search - Davie, FL

Thanks to Lee - K2HAT - #76138, KD5DE - #33513, N1API - #25468 , N5MT - #24949 , N7YG - #65084 and Maty at QST Magazine for their efforts in helping me keep the sk column as up to date as possible.

Mark 73, KD2NOM #77596

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

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.

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.

© Copyright 2019 10-10 International