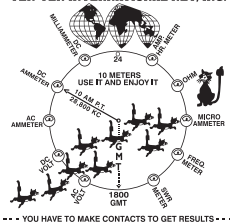


TEN-TEN INTERNATIONAL NET, INC.



TEN-TEN INTERNATIONAL **NEWS**

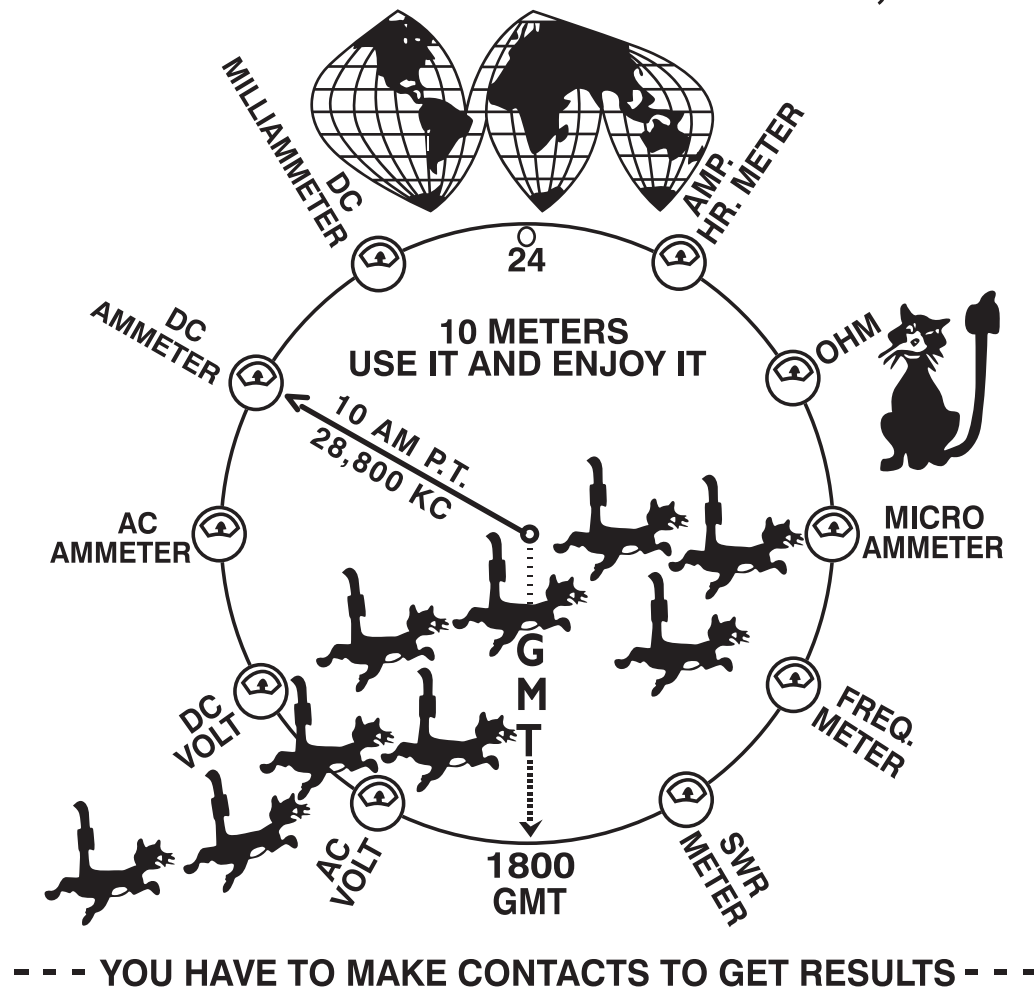


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The Ten-Ten International News

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

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

DEADLINE FOR NEXT ISSUE: 1 December 2019

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

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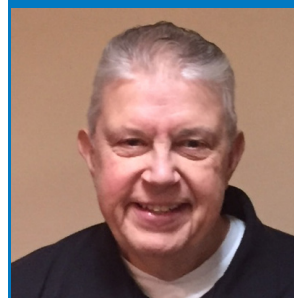
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From the Editor

Randy Mather, AJ7B
 (#7675)

This issue of the Ten-Ten Newsletter has some very important information you should look for. On this page you will see a "FLASH" article that lets you know that the contest scorer website is no longer available. Later in the newsletter you will find information about our new Legal Counsel. There is also an article on the temporary disruption of the 10-10 reflector service. Please take the time to read these articles.

The QSO parties keep coming and propagation hasn't improved for some time now. And we don't expect it to get better for a while longer. However, I am planning to get on the air for the Fall Digital QSO Party in November. Sure, I will also try to make contacts during the October CW party. It's just that with the propagation as it is now, I hold out higher hopes for the digital modes. Both the PSK-31 and the WSJT modes should get through better than CW or SSB.

With that goal in mind, I updated my WSJT software so I could use the FT4 mode. This new mode was developed specifically for the contesters with shorter transmit/receive cycle times (7.5 secs) and fields for contest exchange information. My expectations for FT4 didn't exactly become fulfilled with this release. I was hoping the contest exchange capability would be applicable to a longer list of contests. Turns out that beyond VHF Contest, ARRL RTTY Roundup and ARRL Field Day, there isn't any accommodation for other contests.

So, this just means for 10-10 QSO parties I will have to use the Free-Text Message feature as has been explained in previous issues of this newsletter. That FT8 article can be found in the January 2018 issue of the 10-10 newsletter. Back issues of the newsletter can be found under the "Resources" button on the 10-10 web-site's home page. Click on "News" from the drop-down menu. There is also a video on this subject that can also be accessed through the "Resource" button of the home page of the 10-10 web-site. Click on "FT8 Video" in the drop-down menu. Everything explained in the video is applicable to both FT8 and FT4 modes.

If you are interested in a propagation forecasting tool, I would recommend DXLab Suite's PropView. This is a free software module that you can easily download from DXLab Suite's web-site. If you are interested in how to use it, check out the video at <https://www.youtube.com/watch?v=S8V-t9P7hdQ>. It may help you find the best time to make those QSO party contacts.



From the President

Mel Sojka KD5DE
#33513

UPPER LEVEL QRM

This was a good quarter for 10-10. I will admit it was a bit hectic from time to time, but we did experience some growth and increased activity. The sporadic-E activity did stir interest and, in return, created some new contacts. The secret is calling CQ, especially when you can copy beacons at your location. The QSO parties always create some activity, but getting folks to participate is sometimes a challenge. Now that we have a large group of local members here in Shreveport, I hope that someday they will all take part in the parties. Before the days of the cell phone, social media, and 200 channels on the tube, it was different. There were days when one could work 30 stations in the first hour of a QSO party just within the ground wave. That was always fun. Several hams would work together during the party to make contacts. It appears that those simple pleasures are being replaced by social media venues. How many aspects of our hobby suffer likewise? Maybe the simple things are not enough.

In the 70's and 80's, making an appearance at major Hamfests was of benefit to the organization. The Dayton Hamvention is the premier amateur radio event in the United States. Monies were budgeted to enable 10-10 to attend that event. In the early 80's, a very large group of members always made an appearance. There was even a Saturday evening gathering with a meal and sometimes entertainment. As time went by, more hamfests were included. Orlando Hamcation and Texas HamCom are two examples. As time went by, the large crowds at Dayton led to the creation of the 10-10 convention in 1987. The 10-10 convention effort lasted until 2011 when the expenses for putting on a 10-10 convention far outweighed the gains. During my earlier terms as President, I decided to attend as many Hamfests as possible to promote the 10-10 International Net. The results were positive. I felt there must be something more that can be done than sitting at a table encouraging renewals.

Past President Webb, with the help of Director Hemby, decided to set up two stations at the 2018 Orlando Hamcation. Since I am a QRP operator, this encouraged me to do the same at all the events I attend. Even with all

the difficulties in gathering the required contacts, we did develop a method at Dayton this year that lead to one ham qualifying for 10-10 membership. That, plus the 30 renewals made at Dayton this year was well worth the effort. The Texas HamCom in June made qualifying new members a bit easier, since there is a very active chapter in the local area. We were able to qualify three new members and had 6 renewals. My next event was my hometown (Shreveport) Hamfest, where about 30 active local 10-10 members made this event a real treat. We set one QRP rig up on the other side of the room and another rig at the 10-10 table. We tried to schedule a 10 AM net, but ended up just making contacts with hams trying to qualify for 10-10 membership. We qualified six new members, including one who applied for senior life membership. Another was a California ham who dropped by the booth. The following weekend I was 553 miles away at Huntsville AL. Much to my surprise, the activity we were generating went unnoticed. However, we received 13 renewals and qualified 3 new 10-10 members.

Both the Chattanooga and Stone Mountain folks took notice of the activity at the 10-10 table and invited us to attend their events as a club. If you are a 10-10 member in the Chattanooga area and plan to make the Hamfest, I would love to have some help at the table. The same is true for the Stone Mountain event in November. It is not an easy task to be behind the table for 2 days. Relief is always appreciated. Drop me an email if you can assist at either event. If these two events are successful, they may be added to the 2020 Hamfest calendar. They are both a hard one-day drive for me, but far easier than Dayton or Orlando. 10-10 has had active chapters in both locations. One of the most popular chapters back in the 80's was located in Chattanooga. It would be delightful to have a new chapter in this historically rich area. Possibly the old CHOO CHOO chapter can be revived.

I cannot seem to get away from the Chapter issue. For many years I was involved in 125 chapters. Some had points, seals, and awards and others just had a nice certificate. There must have been nearly 200 out there, but other things took precedence. I am currently in 24 chapters and some of them are in questionable status. The local chapter has upgrades and points but only about a dozen members apply for new points. I am the chapter head and certificate manager and at times I wonder if it is worth the effort. If it were not for the 30 active locals, it would be wasted time. Maybe that is the secret, locals.

A little over 5 years ago we experienced a problem that was noticed by the amateur community as a whole. We had a member that seemed to have a total lack of courtesy, manners, and discipline. As President, I was receiving emails and phone calls on a regular basis concerning this individual. This was an ongoing problem and had been increasing in intensity over a 5-year period. Since my office allowed me only to preside and not take action beyond that approved by the Board of Directors, I had to depend on our Legal Counsel for

guidance. I will admit, I was at a loss on the direction to take and that created an issue between our Counsel and the Board. Our Legal Counsel resigned and a volunteer replacement only held the office for a few months due to a personal issue. For the last 5 years, we have relied on friends with legal experience to provide ghost services. Elsewhere in this edition, you will find an introduction of our new Legal Counsel: Hugo Holland KJ5SZ #77741. For me this is a heavy burden lifted.

It makes me a bit sad to say that I will miss one of my favorites events: the Fall CW QSO Party. That is on the same weekend as the Chattanooga Hamfest. I will attempt to operate QRP from the motel. So look for me around 28.060. Gosh, maybe I can win the fourth call area. You folks have been challenged. Catch you on 10 soon.

God Bless & 73

Me! KD5DE #33513

Ten-Ten Top Operator Award

This award is based upon the number of times a member's call appears on new applications. Quarterly winners are awarded a certificate. The overall winner for the year will be awarded a plaque. There are two categories; one for Net Control station and one for the current members at large.

The Top Operator and Net Control for Q3 are:

Operator - **WX7G James Steinmetz #7743**

Net Control - **K7CWS Ray Roberts #50288**

The Top Operator award will be discontinued until band conditions improve.

NEW LIFE MEMBERS

12390	KW4J	William M Davidson Jr	AL
34320	WL7C	Craig D Fry	AL
44656	NV7LV	David C Spease	NV
68511	K9SX	Ronald J Walerowicz	IL
77504	KM4ODS	George M Davenport	NC
77722	KB1CSI	John H Moore	NH
77734	K5GAD	George A Daniel	LA
77737	KC5PQL	James H Stevens	LA



Past Presidents Award presented to Terry Webb. N0TW #36547.

***** FLASH FLASH *****

THE KJ4IZW CONTEST SCORER IS NO LONGER AVAILABLE. IT WAS NICE WHILE IT LASTED AND FOR WHATEVER REASON THE AUTHOR HAS CHOSEN NOT TO CONTINUE IT AT THIS TIME. THEREFORE, IN THE FUTURE, ALL LOG SUBMISSIONS SHOULD BE SENT VIA EMAIL TO:

tentencontest@ten-ten.org

ALL LOGS SUBMITTED VIA REGULAR EMAIL CAN STILL BE SENT TO THE ADDRESS LISTED ON THE TEN-TEN WEB SITE OR TO THE ADDRESS IN THE NEWS.

SORRY FOR THE INCONVIENCE.

DAN MORRIS KZ3T #41015
10-10 QSO PARTY MANAGER

2019 Hamfest Schedule

Chattanooga	October 18-19, 2019
Stone Mountain	November 2-3, 2019
Hamcation	February 7-9, 2020
Hamvention	May 15-19, 2020
Hamcon	June 2020
Friedrichshafen	June 26-28, 2020



Ronnie W5SUM #2019 and Mel KD6DE #33513 man the 10-10 booth at the Shreveport Hamfest.



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

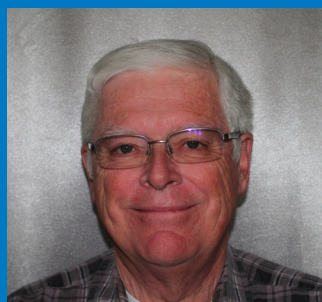
**Then you should join the
Quarter Century
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To Join or Renew, Visit:

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

For more information, please contact:

om@qcwa.org



Chapter Coordinator

Jim Fox, KA0ZPP
(#43428)

GENERAL NEWS

1) **All CH/CM:** Please double check the TEN-TEN Net Guide to be sure your net(s) are listed correctly. If there are changes, be sure to let me know so I can update the list.

2) If your chapter is planning a special during the months of January, February or March, please let me know before December 1st so I can include the details in the January newsletter.

3) Reminder of Quarterly Reports Due: **In Extremis** (no report in over a year): Channel Islands, Down Under, Colorado Frontier Gang/Centennial, Fort McHenry/ Cornerstone/Yodar Kritch, South Central Illinois Ten Meter Club.

Past Due (no report received during the prior quarters when due): Route 66. Reports received after August 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:** Castle Craig (Oct), Houston S.H.O.T. (Nov), Louisiana Pelican (Nov), Milwaukee (Oct), Possum Trot (Oct). Note that Quarterly Chapter Reports may be sent any time. The months indicated here are the dates in 2018 in which the last report was received.

4) I thank **ALL CH/CM** who sent me a **complete report** during 2018 so I have up to date contact and net information. Other chapters, please send me a complete report in 2019. See www.ten-ten.org/index.php/resources/ten-ten-documents/ten-ten-forms for a form to download or www.ten-ten.org/chapters/quarterly-report to fill out and submit electronically. Be sure to notify IT Manager Jeff, N7YG, before using this easy-to-use form so he can add you to the Chapter Management Group.

5) Poor propagation in recent years has certainly affected Chapter Net activity. If any of you have ideas on ways to increase participation in our Chapters, please contact me at the address given below. One of the primary purposes of Ten-Ten International is to promote activity on this band, especially in such times as these. I welcome your input.

6) A few CH have indicated that they intend to try announcing their 10m net on a local 2m net, even if not on the same day. This follows the suggestion made

by President Sojka, KD5DE, in the last issue. Please let me know the success or failure of any such activity so I can pass it along to others. Thanks.

CHAPTER NEWS

1) **Speedway Chapter** will host a **Special** between November 1-30, 2019. Those who wish to participate may request a Special Designator either by email or with a chapter upgrade before October 12, 2019. Send requests to CM Dave, W7CAR, at w7car@arri.net. A participation certificate will be available on request to all who share either their Speedway Chapter information or Special Designator during the month of November.

2) Chapters below accept email upgrades as of August 30. All the listed chapters generally need previous, new and total points and seals claimed. Any transaction with the CM that requires that a certificate be issued, and most worksheet specials, should still be handled via US Mail. Also, it is good practice to keep a detailed listing of the upgrade in the event that the CM should require verification. Requirements peculiar to a particular chapter are noted.

(** indicates change)

Alii – CM WH6S, wh6s@outlook.com. Use form available from the CM.

Bauxite – CM K5BKT, k5bkt@nwla.com. Bauxite and Arkansas Visitor numbers only.

Bay Area – CM K6RDK, k6rdk@arri.net

Branding Iron – CM DL6DK, bic-cm@voits.de

Castle Craig – CM N1API, n1api@cox.net

Chesapeake Bay – CM N3TGB, n3tgb@aol.com

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 **

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

Speedway – CM W7CAR, w7car@arri.net

Steamboat Plus – CM KD5DE, kd5de@nwla.com

Twin Cities – CM K0DBK, kzerodbk@gmail.com

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

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

TEN-TEN NET GUIDE

As of September 1, 2019

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0001	0100	Chesapeake Bay	Chestertown, MD	28345	TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835
SUN	1300	1400	Arlington	Arlington, VA	29200	WED	0001	0100	Castle Craig	Meriden, CT	28375
SUN	1400	1400	Neanderthal Chapter	Leichlingen, DL	28355	WED	0100	0200	Cincinnati Area Ten Tuners	Milan, IN	28430
SUN	1630	1730	Possum Trot	Raeford, NC	28345	WED	0100	0200	Houston SHOT	Houston, TX	28488
SUN	1700	1700	Major League Baseball	Gilbert, AZ	28380	WED	0200	0300	10-Bar X	El Paso, TX	28445
SUN	1900	2000	Oregon Trail	Dallas, OR	28330	WED	1400	1500	EU DX/Branding Iron	Bergamen, DL	28355
SUN	1930	1930	North Georgia	Atlanta, GA	28410	WED	1700	1700	Gold City	Rutherfordton, NC	28425
SUN	2100	2200	Possum Trot	Raeford, NC	28150 CW	WED	1930	1930	Route-66	Boonville, IN	28370
MON	0100	0100	Arizona Desert 10-10 Net	Phoenix, AZ	28445	THU	0001	0100	Cradle of the Confederacy	Pike Road, AL	28350
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	0100	0200	Gateway	St. Louis, MO	28650
MON	0100	0100	Lonestar	Arlington, TX	28460	THU	0100	0100	Cow Town	Arlington, TX	28460
MON	0100	0100	So. Illinois Ten Meters Club	Centralia, IL	28405	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
MON	0130	0230	Bauxite	Benton, AR	28470	THU	0230	0230	Windfarms	Livermore, CA	28450
MON	1630	1730	Chief Seattle	Seattle, WA	28430	THU	0230	0330	Up The Crick	Eugene, OR	28450
MON	2330	2330	Sky Bl Wtr/Tn Lzz/Twn Ct	Inver Grove Heights, MN	28380	THU	1930	1930	Speedway	Rainer, OR	28350
TUE	0001	0100	Ft McHenry/Cornerstone/Yodar Kritch	Arbutus, MD	28370	FRI	0001	0100	Fort McHenry/Cornerstone/Yodar Kritch	Arbutus, MD	28370
TUE	0100	0200	CO Centennial/CO Frontier Gang	Lakewood, CO	28340	FRI	0001	0100	Steamboat Plus	Shreveport, LA	28430
TUE	0100	0200	City of Lights	St Charles, IL	28150 CW	FRI	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0130	0230	City of Lights	St Charles, IL	28720	FRI	1400	1400	Hanse	Hamburg, DL	28355
TUE	0130	0230	Bauxite	Benton, AR	28470	FRI	2230	2130	Down Under (Summer in NZ is winter in US)	Auckland, ZL	28530
TUE	0300	0400	Bay Area	Hayward, CA	28475	SAT	1710	1610	Louisiana Pelican	Baton Rouge, LA	28450
TUE	0430	0430	Aloha	Hilo, HI	28490	SAT	1730	1730	Tango	Buenos Aires, LU	28650
						SAT	2200	2200	Alii	Lihue, HI	28730



DX News

Mike Davidson, N5MT
(#24949)

The Summer quarter is over and we are looking forward to the winter contest months of 2019. Propagation has begun to shift to more East/West paths but skip into Europe/Asia will be hard to find for another year. As I write this in mid-August, the lower bands have brought me more new digital contacts from all over, just not much on Ten. I have made a few FT8 contacts with DX stations on Ten but only a few are 10-10 members. Some FT8 ops will take the time to give me their 10-10 info, so if I know they are a member, I will ask for their 10-10 info. A lot of ops do not know how to use the TX5 feature with FT8 to send a "U 1010 info?" request.

I finally decided to take my LoTW credits for DXCC and make a LoTW application, my first in eight years! I had accumulated over 300 credits that I used to apply for three certificates and the DeSoto DXCC Challenge plaque. The certificates for 12, 17 and 30 Meters came in the mail for a birthday gift to myself. I can now work on a 6 Mtr certificate since I now have an antenna for that band.

The 10-10 Summer QSO Party in early August was a challenge for my new vertical antenna. The solar flux was a low 66 for the Party and I managed to make 7 contacts on Saturday and none Sunday. Propagation favored the stations on the US east coast and Germany where first place went to Henry DL8YBM #36109 who had 322 contacts.

I check into our local Pelican 10-10 net on Saturday at 10:10 AM local time on 28.450 MHz. I always use my HF amplifier to help the local members hear my low vertical. I am about twenty miles from downtown Baton Rouge, LA. The new vertical has low SWR on all nine bands, so I get more power off the antenna with the resonant frequencies set for the FT8 frequencies on each band.

There was no news from the SILSO website for Sun info that would bring us a higher Solar Flux. The website is: www.Sidc.Be/SILSO/. SILSO is forecasting 800 spotless days during the Cycle 24-25 transition with the solar minimum happening in May 2020. A panel of NOAA and NASA scientists gave a forecast for the next Cycle 25. They reached a consensus that Cycle 25 will most likely peak from 2023-2026, with a max sunspot numbers between 95-

130. Thus, the next cycle will be similar to the present cycle, which peaked in April 2014. Note: The SILCO site tracks Sunspots which is not Solar Flux. They are two different numbers, so be careful and do not confuse them on graphs. In my DX articles, I usually reference Solar Flux values.

I found a Sept 5, 1859 New York Times newspaper copy of the Carrington Event (160 years ago) that affected the telegraph operators in the northeast USA. The Aurora electrified all the telegraph wires and could have brought down our present day power grid. The archive copy is at:

<https://timesmachine.NYTimes.com/timesmachine/1859/09/05/79574906.pdf>.
Big tower erection at this website: <http://W6DSR.com/KP1005aa/index.html>.

Please do not forget that October is coming soon and the 10-10 Sprint is on a Tuesday Oct 10th. Good Luck.

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

I am posting this to the 10-10 website on September 1st.

GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

4U United Nations. There is continued work on the remote station at the UN Headquarters in New York. Recent testing found the K3 was damaged by lightning and will have to be sent off for repairs. The 4U1UN #55555 story continues as they work towards a 2020 opening to get the remote site back on the air for HF. The old radio room was on a high floor that is now off limits due to security. The new remote station is close to the ground floor.

7P Lesotho. Doc **WB6OJB** #79675, was in Lesotho for 8 days until August 24th using call 7P8JK. I had one report of him being worked on Ten by a member. So poor propagation has limited his DXing in Lesotho on Ten!

CN Morocco. Bruno **IK2PZG** #42066, was with a group of ops that went to Los Farallones Island from July 25-30th. The call for this rare IOTA DXpedition was 5C9A.

CY9 St. Paul Island. A group of nine operators visited St. Paul Island from August 2-8th and they made about 25,000 QSO's from two HF sites. The 10-10 members were: Dan **W4DKS** #5395 and Will **AA4NC** #15774. They did a lot of FT8 Q's as I worked them on 5 bands mostly FT8. Website: <http://www.CY9C.com>.

EA6 Balearic Islands. Andrea **DK5ON** #554260, was on Mallorca Island using call EA6/DK5ON from July 12-26th on CW, SSB and Digi. LoTW or bureau.

EA9 Ceuta & Melilla. Rene **DL2JRM** #69623, was in Ceuta from August 8-12th for the WAE CW contest. He plans to return from September 13-16th for the WAE SSB.

J6 St. Lucia. Bill **K9HZ** #2618, arrived on the island on August 23rd and will be there until October 4th. He has a new SteppIR DB42 plus other antennas so he can work all bands, modes and FT8. LoTW.

Frank **K3TRM** #69974, was on St. Lucia from July 21st to August 3rd. His call J6/K3TRM was on SSB, RTTY and FT8. He uploaded his log on LoTW when he returned.

OZ Denmark. Rene **DL2JRM** #69623, was in the IOTA contest the third weekend of July, no info on Ten Q's.

T2 Tuvalu. Tony **3D2AG** #72719, was in Tuvalu using call T2AR from June 28th to July 5th. He operated mostly CW and FT8 for 4795 QSOs.

VP9 Bermuda. Josh **W9HT** #72151, operated as W9HT/VP9 from August 1-6th. QSL to his home call.

Steve **KU9C** #31988, was in Bermuda for the IARU HF contest in July using the VP9HQ callsign running high power during the contest.

ZF Cayman Islands. Gayle **K6GO** #62009, used call ZF2GO from July 8-21th. He and a friend used call ZF1A during the IARU contest.

ZS South Africa. Mats **SM6LRR** #34451, was in the IARU HF contest using the call ZS9HQ in July.

UPCOMING DX & NEW 10-10 ACTIVITY:

8Q Maldives. This rare DX spot will be visited by Roly **ZL1BQD** #19039 from November 10th to December 30th. He will use callsign 8Q7XR on all bands SSB, CW and FT8. It has been nineteen years since a 10-10 member was on the Maldives and gave out a 10-10 number!

9H Malta. Rene **DL2JRM** #69623, will be in Malta using call 9H3YY from October 18-22nd during the WAG contest. Look for him to be back in EA9 in September.

D6 Comoros Islands. Antonio **IZ8CCW** #70101 and a dozen friends, will be on the island from October 20th to November 1st on CW, SSB and Digi with callsign D68CCC.

FO/M Marquesas Island. Eight ops will be on from November 6-17th from Marquesas using call TX7T. The only member you need is Bob **K4UEE** #75256. Website: <http://www.Marquesas2019.com>.

FP St. Pierre & Miquelon Islands. Eric **KV1J** #31247, will be back for his 13th trip to Miquelon operating as FP/KV1J from September 24th to October 8th. Mostly SSB, RTTY, FT8 and hopefully CW. LoTW. Website at: www.KV1J.com/

FP/Sep19.html.

HC Ecuador. Uwe **DL8UD** #70315, will be in Cuenca using call HC5M in October for the CQWW DX SSB contest. He will be on all bands when not in the contest.

HK0/S San Andres & Prov. Nine operators will be on the island from October 15-30th using a special call 5K0K. SSB, CW, FT8 and RTTY all bands. The only 10-10 member is Rob **HK3CW** #70309. LoTW.

J6 St. Lucia. Jay **AA4FL** #8436, Bruce **KM2L** #3627 and friends, will be in St. Lucia the last weekend of October for the CQWW SSB contest. The contest call will be J68MD since most of them are in the medical field. Before the contest, they will use J6/home call. LoTW.

JT Mongolia. Four Russian ops will be at a national park from September 5-9th using call JT7A. The only member is Serge **UA0SE** #25998. This is a rare location for 10-10 but not a new one on Ten as a member has operated their before.

KL7 & VY Alaska & Yukon. The 5th Annual Worked All RST special event starts January 1, 2020 and runs thru February 28th. SSB, CW and Digi modes. The 10-10 members that I found that might be on the air are: Tim **NL8F** #32796 in Dutch Harbor, Ron **KL7YK** #76118 in Anchorage, and Bob **VY1MB** #71017 in Whitehorse, Yukon. There will be many ops on the air and on other bands besides Ten. Info: www.grz.com/loopup/K7ICE.

P4 Aruba. John **W2GD** #14109 will be back using call P40W in October for the CQWW DX SSB contest and in November 23rd for the CW contest. John will be back in mid February for the ARRL DX CW contest as well. LoTW.

PJ7 St. Maarten. Philip **N2HX** #25435, will be in the CQ WW SSB contest at the end of October using call PJ7PL. He will leave on November 2nd.

V3 Belize. James **NT5V** #40882, will be in Belize from October 5-12th using call V31JW. He will upload his logs to LoTW when he returns to the US. No cards to V3 bureau.

V4 St. Kitts. Gaylord **N4SF** #568, will be on the island in October as V4/N4SF or contest call V49V.

V6 Micronesia. AL **K7AR** #2736, will operate from Pohnpei from November 18-26th. He will be in the CQWW CW contest during the weekend. Call sign V63AR.

Shoji **JA7HMZ** #30900, will also be in Pohnpei from November 22-27th for the CQWW CW contest using call V6A. LoTW.

VP2V British Virgin Islands. Bill **N5AQ** #72637, will be on the Br. Virgin Islands from October 4-13th using call VP2V/N5AQ. A friend, Jeff VP2VEM, will be along and operating on CW, SSB and Digi and 400 watts. When they return,

they will upload to LoTW and Clublog.

VP6 Pitcairn Island. A DXpedition to Pitcairn will start on October 18th and end on November 1st. There will be six 10-10 members going to Pitcairn. They are: Ralph **K0IR** #2609, Hal **W8HC** #12502, Pat **K0PC** #37931, George **N4GRN** #73941, Mike **K9NW** #29804 and Mike **W0VTT** #14404. The shipping container has arrived in New Zealand. Website: <https://PitcairnDX.com>. There has been three 10-10 members on Pitcairn in past years.

VP8 South Orkney Island. A big DXpedition will begin on February 20, 2020 for fourteen days to South Orkney Island. The call on the website is listed as VP8/VP8DXU. The only 10-10 member will be, Gene **K6GS** #15119. Past activity from the island by a member was in February 2011, so visiting the island only happens about once every ten years. Good luck. Website: <https://SOrkney.com>.

VP9 Bermuda. Les **N1SV** #71546, will be back on Bermuda for the CQWW DX SSB contest in October.

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 66-76 during the Fall of 2019. The Fall Equinox is when summer ends on September 23rd for the USA, the nights begin to be longer than the days and the Sun is above the equator.

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

The monthly maximum solar fluxes for 2019: Jan 76, Feb 72, March 81, April 81, May 79, June 70 July 68 Aug 69.

The monthly minimum fluxes for 2019: Jan 68, Feb 70, March 68, April 67, May 68, June 66, July 66, August 66.

On September 1st, the solar flux was 66, the A index was 36 and K index was 4. These solar numbers indicate the poorest propagation we have had in a while due to A and K values going up. This may also indicate we are passing through the bottom of Cycle 24. The September 1st to October 14th solar flux forecast by the USAF is a low range from 66 to 68.

My Prediction: Over the next three months, the best conditions on Ten could be: September 15-20th, October 12-15th, November 8-12th and December 6-10th. For the lower USA, expect a 10% chance of DX to Europe or Asia with a 15% chance of DX to South America and later in the day to the S. Pacific. Listen for the CW beacons from 28.175-28.300 to see if the band is open.

There was only one new 10-10 DX member who joined from June to August 2019. June: DL3LBP #77714. July-Aug : none. This DX News edition is number 117.

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

DX IS! 73 Mike Davidson N5MT #24949

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Colin WD3USA #77740, Karen W4KRN #66628 and Mel KD5DE #33513 man the 10-10 booth at the Huntsville Hamfest.



Net Report

Bob Farrow, N6OPR
(#45715)

We would like to introduce K1IEB Timothy J Reardon (TIM) 74965 Mesa AZ our new NCS calling our 10-10 daily net Fridays on 28.800 at 18:00z. Tim also calls a 6 meter net on Wednesdays 50.140 at 7 pm local or 02:00z.

Welcome aboard Tim

Bob N6OPR 4575

Director Net Management.

Net reports for 2nd Quarter 2019

MONDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
1-Apr	2	0	1-Apr	15	3
8-Apr	2	0	8-Apr	10	0
15-Apr	2	0	15-Apr	10	0
22-Apr	2	0	22-Apr	8	0
29-Apr	5	0	29-Apr	13	0
6-May	4	0	6-May	7	0
13-May	2	0	13-May	9	1
20-May	2	0	20-May	9	0
27-May	2	0	27-May	4	0
3-Jun	11	1	3-Jun	10	0
10-Jun	2	0	10-Jun	10	0
17-Jun	2	0	17-Jun	10	0
24-Jun	5	0	24-Jun	12	0

TUESDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
2-Apr	6	0	2-Apr	2	0
9-Apr	8	0	9-Apr	2	0
16-Apr	12	1	16-Apr	2	0
23-Apr	7	0	23-Apr	2	0
30-Apr	5	0	30-Apr	2	0
7-May	14	2	7-May	2	0
14-May	11	0	14-May	2	0
21-May	12	0	21-May	2	0

28-May	10	0	28-May	2	0
4-Jun	18	3	4-Jun	2	0
11-Jun	18	5	11-Jun	2	0
18-Jun	18	2	18-Jun	2	0
25-Jun	7	0	25-Jun	2	0

WEDNESDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
3-Apr	7	0	3-Apr	8	0
10-Apr	9	0	10-Apr	XX	XX
17-Apr	11	0	17-Apr	XX	XX
24-Apr	9	0	24-Apr	XX	XX
1-May	8	0	1-May	XX	XX
8-May	12	1	8-May	XX	XX
15-May	12	0	15-May	XX	XX
22-May	11	1	22-May	XX	XX
29-May	8	0	29-May	XX	XX
5-Jun	9	1	5-Jun	XX	XX
12-Jun	12	1	12-Jun	XX	XX
19-Jun	19	2	19-Jun	XX	XX
26-Jun	15	3	26-Jun	XX	XX

THURSDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
4-Apr	11	0	4-Apr	2	0
11-Apr	8	0	11-Apr	3	0
18-Apr	8	0	18-Apr	2	0
25-Apr	9	0	25-Apr	3	0
2-May	8	0	2-May	3	0
9-May	9	1	9-May	2	0
16-May	9	0	16-May	2	0
23-May	8	0	23-May	2	0
30-May	13	1	30-May	5	0
6-Jun	7	0	6-Jun	4	1
13-Jun	6	0	13-Jun	3	0
20-Jun	19	3	20-Jun	3	2
27-Jun	9	0	27-Jun	4	0

FRIDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
5-Apr	2	0	5-Apr	XX	XX
12-Apr	2	0	12-Apr	XX	XX
19-Apr	2	0	19-Apr	XX	XX
26-Apr	2	0	26-Apr	XX	XX
3-May	2	0	3-May	XX	XX

10-May	26	15	10-May	XX	XX
17-May	2	0	17-May	XX	XX
24-May	7	2	24-May	XX	XX
7-Jun	2	0	7-Jun	XX	XX
14-Jun	7	0	14-Jun	XX	XX
21-Jun	7	0	21-Jun	XX	XX
28-Jun	4	0	28-Jun	XX	XX
0-Jan	0	0	0-Jan	0	0

SATURDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
6-Apr	2	0	6-Apr	XX	XX
13-Apr	2	0	13-Apr	XX	XX
20-Apr	2	0	20-Apr	XX	XX
27-Apr	2	0	27-Apr	XX	XX
4-May	2	0	4-May	XX	XX
11-May	2	0	11-May	XX	XX
18-May	2	0	18-May	XX	XX
25-May	2	0	25-May	XX	XX
1-Jun	2	0	1-Jun	XX	XX
8-Jun	2	0	8-Jun	XX	XX
22-Jun	2	0	22-Jun	XX	XX
29-Jun	2	0	29-Jun	XX	XX
0-Jan	0	0	0-Jan	0	0

XX = No Net Called

TIMOTHY REARDON BIO

I was born in Boston, Mass 10/19/1943. I became a ham at age 15 in 1958 as KN1IEB. I married a girl from Maine, and we had a family. I strayed from ham radio for about 40 years then came back to radio when I retired in 2004. I joined the 10-10 International Net and the YL System.

I like contesting on VHF, UHF, 10 meters and 15 meters. I formed a 6-meter single sideband net in 2008 that is still going strong in Mesa, Arizona. I like to create activity on the bands. That's why I volunteered to be a 10-10 net control operator. I've been an organizer all my life. I like mobile work and use SSB, FM, CW, and AM on all the bands.

Tim Reardon, K1IEB

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 NET CONTROL STATIONS

ALL NETS BEGIN AT 1800Z

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

Introducing the Legal Counsel for TEN-TEN INTERNATIONAL NET, INC

Hugo Holland

Special Asst. District Attorney

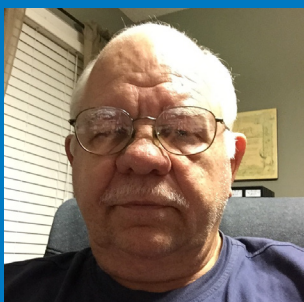
State of Louisiana

Hugo Holland, KJ5SZ 1010 # 77741, currently lives in an old commercial building converted to a residence near downtown Shreveport, and was licensed in 1992. HF SSB, including 160m, is his favorite mode, although he will often work the digital modes as well. He even has an APRS tracker on one of his planes—look for N40BY if you happen to do APRS. With a Mosley TA-53 at 40 feet, a 43' Vertical, and an inverted L on 160, coupled with a Yaesu DX3000 and an Expert 1K-FA Linear, his signal has come a long way from the barefoot radio into random wires when he started during the Clinton presidency.

Professionally, Hugo has been in law enforcement his entire life—a deputy sheriff in EBR Parish for a while and then, after law school, a prosecutor since 1988.

Hugo is a late-blooming father with a 2 year old and one on the way. In the spare time he has available away from Ham radio, he is an active Reserve Police Officer in Bossier City Louisiana, an active licensed pilot, and a Major in the United States Air Force Auxiliary, Civil Air Patrol—the local squadron's Comm's Officer.

Welcome aboard Hugo



QSO Parties

Dan Morris, KZ3T
(#41015)

2019 OPEN SEASON QSO PARTY

JUNE 1-2

TOP TEN

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
1. WA2HMM	1	1	2	2	17
2. KZ3T	0	5	0	1	14
3. N5MT	1	4	0	1	13
3. W8IM	1	6	0	0	13
4. KD5DE	0	2	0	2	12
5. W0RTV	0	2	0	0	4

CALL AREA ORDER

CALL AREA 0

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
W0RTV	0	2	0	0	4

CALL AREA 2

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
WA2HMM	1	1	2	2	17

CALL AREA 3

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
Start 3	0	0	0	0	0

CALL AREA 4

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
KZ3T	0	5	0	1	14

CALL AREA 5

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N5MT	1	4	0	1	13
KD5DE	0	2	0	2	12

CALL AREA 8

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
W8IM	1	6	0	0	13

QRP

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
W8IM	1	6	0	0	13

LOW POWER

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
WA2HMM	1	1	2	2	17
KZ3T	0	5	0	1	14
KD5DE	0	2	0	2	12
W0RTV	0	2	0	0	4

HIGH POWER

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N5MT	1	4	0	1	13

CLUB ENTRIES

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL	OPS
NM5H	1	4	0	1	13	N5MT

2019 SPIRIT OF 76 QSO PARTY

July 1 - 7

TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N5MT	24949	33	15	81
2. KD5ILA	77652	24	18	66
3. KN4Y	17757	13	11	37
4. N1API	25468	10	7	27
5. N3GTY	50585	5	1	11

TOP TEN (cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
6. W0RTV	13962	1	4	6
6. W1LIC	46677	1	4	6
7. WA3GM	46927	0	2	2

CALL AREA ORDER**CALL AREA 0**

CALL	10-10#	CTX W	CTX WO	TOTAL
W0RTV	13962	1	4	6

CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	10	7	27

CALL AREA 3

CALL	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	0	2	2

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
KN4Y	17757	13	11	37
N3GTU	50585	5	1	11
W1LIC	46677	1	4	6

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
N5MT	24949	33	15	81
KD5ILA	77652	24	18	66

HIGH POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	0	2	2

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
N5MT	24949	33	15	81
KD5ILA	77652	24	18	66
KN4Y	17757	13	11	37
N1API	25468	10	7	27
N3GTU	50585	5	1	11
W0RTV	13962	1	4	6
W1LIC	46677	1	4	6

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
W1NRG	29650	10	7	27	N1API
NZ4FF	77686	5	1	11	N3GTU

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
PELICAN	1	81
CASTLE CRAIG	2	54
POSSUM TROT	2	22
GATEWAY	1	6

2019 SUMMER SSB QSO PARTY**Aug 3 - 4****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. DL8YBM	36109	47	275	369
2. K8DEL	2978	33	29	95
3. DL6DK	39944	35	19	89
4. KM4ODS	77504	27	8	62
5. N4ZCG	56067	25	8	58
6. KK4MCY	77124	22	5	49
7. AK4YS	75328	19	2	40

TOP TEN (cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
7. KJ4OFD	75796	18	4	40
8. N1API	25468	15	7	37
9. N3GTY	50585	16	3	35
10. N4ERM	34524	15	4	34

CALL AREA ORDER**CALL AREA 0**

CALL	10-10#	CTX W	CTX WO	TOTAL
KA0HZP	31562	6	1	13
W0RTV	13962	4	1	9
N0CUN	33031	3	1	7

CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	15	7	37
N1BRL	77655	4	4	12
N1ZN	73599	4	2	10
W4FEB	77223	1	0	2

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	11	3	25
WA2SUH	407	4	3	11
W2VTV	71275	0	1	1

CALL AREA 3

CALL	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	1	6	8

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
KM4ODS	77504	27	8	62
N4ZCG	56067	25	8	58
KK4MCY	77124	22	5	49
AK4YS	75328	19	2	40

CALL AREA 4 (cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ4OFD	75796	18	4	40
N3GTY	50585	16	3	35
N4ERM	34524	15	4	34
N4USB	77730	15	3	33
K4PGM	77579	12	0	24
WB4WXE	7010	5	4	14
KZ3T	41015	2	0	4

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
KD5DE	33513	9	1	19
N5MT	24949	6	1	13
KG5ZMQ	77628	5	2	12
KD5ILA	77652	4	1	9
K5CKS	68322	3	1	7

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
N6OPR	45715	13	3	29

CALL AREA 8

CALL	10-10#	CTX W	CTX WO	TOTAL
K8DEL	2978	33	29	95
W8PJY	14574	11	7	29
K8IZK	73889	7	2	16
K8LL	76801	0	4	4

CALL AREA 9

CALL	10-10#	CTX W	CTX WO	TOTAL
KA9JCP	50609	7	2	16
KC9TQU	77157	5	1	11
NA9A	31121	1	0	2

COUNTRY ENTRIES**GERMANY**

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	47	275	369
DL6DK	39944	35	19	89

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
KM4ODS	77504	27	8	62
N4ZCG	56067	25	8	58
KK4MCY	77124	22	5	49
AK4YS	75328	19	2	40
KJ4OFD	75796	18	4	40
N1API	25468	15	7	37
N3GTU	50585	16	3	35
N4ERM	34524	15	4	34
N4USB	77730	15	3	33
W8PJY	14574	11	7	29
WA2HMM	40510	11	3	25
K4PGM	77579	12	0	24
KD5DE	33513	9	1	19
KA9JCP	50609	7	2	16
K8IZK	73889	7	2	16
KA0HZP	31562	6	1	13
KG5ZMQ	77628	5	2	12
N1BRL	77655	4	4	12
WA2SUH	407	4	3	11
KC9TQU	77157	5	1	11
N1ZN	73599	4	2	10
W0RTV	13962	4	1	9
KD5ILA	77652	4	1	9
WA3GM	46927	1	6	8
N0CUN	33031	3	1	7

LOW POWER (cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
KZ3T	41015	2	0	4
K8LL	76801	0	4	4
W4FEB	77223	1	0	2
W2VTV	71275	0	1	1

HIGH POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	47	275	369
K8DEL	2978	33	29	95
DL6DK	39944	35	19	89
N6OPR	45715	13	3	29
WB4WXE	7010	5	4	14
N5MT	24949	6	1	13
K5CKS	68322	3	1	7
NA9A	31121	1	0	2

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
BRANDING IRON	4	916
POSSUM TROT	13	533
CATT	3	140
CASTLE CRAIG	4	96
GATEWAY	4	40
STEAMBOAT	2	38
MLB	1	29
PELICAN	2	26
MILWAUKEE	1	16
CITY OF LIGHTS	1	2

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
DF0IA	68914	47	275	369	DL8YBM
DL0BIC	77526	35	19	89	DL6DK
K4MN	24874	27	8	62	KM4ODS
W1NRG	29650	15	7	37	N1API
NZ4FF	77686	16	3	35	N3GTY
W5RRV	42114	9	1	19	KD5DE
NM5H	68588	6	1	13	N5MT

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
KJ4RV	37776	25	7	57	0



Peter DL6DK #39944, Henry DL8YBM #36109, Irene (XYL- DL8YBM), Elke DL5HCN #69620, and Juergen DL5HAN #69621 man the 10-10 booth at Friedrichshafen in Germany.

**Ten-Ten list to be replaced**

The Ten-Ten email reflector has been in place for nearly as long as 10-10 has had a web presence. Currently there are about 400 subscribers and there is activity on the list. In 2009 the list was enabled using the MailMan program and until recent months has functioned well. A few years ago 10-10 changed hosting services. The new provider would not allow us to maintain the list due to mails allowed per hour. We subscribed to a service that provided unrestricted mailman services and until recently all was fine. Our email list provider installed an anti Spam filter back in the spring that caused many of our subscribers to be rejected and bounced off the list. Matter of fact, even I was unable to use the list from time to time and I am one of the administrators. We continue to have issues at this time.

As a result, by January 1st 2020 the list will be on the groups.io system. Beginning late September I will invite all current subscribers to the new list. You will receive a conformation email and your first post will be moderated for security. Those of you that are using the digest method will have to set it up in the new system. All current policies will be enforced until the list is established. Text only and no attachments will be the initial setting. Our IT Manager will set up subscription pages on the web site. There are several options available in groups.io and may be implemented in the near future.

This should not be of any inconvenience to current members and may encourage more subscribers. If you do not get a notification, chances are you have been bounced off the old system due to the problem.

God Bless & 73

Mel KD5DE #33513

2019 WORKED ALL EL PASO CONTEST

November 2nd and 3rd – 8:00 AM to 8:00 PM Mountain Standard Time – 10 Meters Only.

Since 1935 The El Paso Amateur Radio Club - W5ES - has been issuing the second-oldest Amateur Radio Certificate in the United States (ARRL-WAS is the oldest), called the Worked All El Paso or "WAE" Certificate. The El Paso Amateur Radio Club will issue a certificate to any Amateur Station operating outside of El Paso County, Texas, who logs 15 or more contacts with any Amateurs operating within El Paso County, Texas. The 15 contacts may be on any band and in any mode.

OBJECT OF CONTEST

Provide an opportunity for Amateur Radio Operators outside El Paso County Texas to contact Amateur Radio Operators within El Paso County Texas. This contest will be on the 10-meter band only.

NOTE: Participating El Paso County stations will be competing for awards and prizes. Stations within El Paso County Texas should contact Paul Wilson-AE5OJ for details. www.qrz.com/db/ae5oj/

ELIGIBILITY

Any properly licensed Amateur Radio Operator, foreign or domestic, currently operating outside of El Paso County Texas is eligible to earn the WAE certificate.

OPERATION AND LOGGING

Operation and logging must be done by a single operator. Computer equipment may be used for logging. Calling procedure shall be "CQ El Paso Contest". Contact shall be informed of the rules for receiving the WAE Certificate unless they already have the information.

Rules for receiving the WAE Certificate.

1. Work any 15 El Paso County stations, at any time, on any band, in any mode. EXCEPTION – NO REPEATERS.
2. The WAE Certificate is FREE. No QSLs required. Just send log information to W5ES.

Address is below.

Contestant's log must show:

- a. Date
- b. UTC time
- c. Call of station contacted
- d. Name of station operator.

Contest Address:

El Paso Amateur Radio Club.

2100 San Diego Street.

El Paso, Texas. 79930.

ATTN: WAE Contest.

For questions or more information, contact Paul Wilson-AE5OJ. www.qrz.com/db/ae5oj/

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.

Design a New 10-10 Pin

It would appear to be a logical move to do something special for the year 2020 if your organization is 10-10. Since we don't have a 20th month and it would be a bit of an over kill to have a special every 20th day, how about a special pin? 10-10 is no longer going to offer annual pins. We have several hundred pins on hand from previous years and they are not as collectible as they once were. They were created to support the Scholarship Foundation and they are no longer generating any significant revenue. Also they were sent to members that contributed to the Foundation. This no longer is desired by those that contribute.

Therefore, we are looking for a pin design for 2020 as a special year. If you have graphic skills and tools the pin can either be 1" in diameter round or 1 1/4" square. If you would like to submit a design it must be in my hands no later than November 15, 2019. This is necessary for proofing and production time to meet a delivery date of January 1, 2020. Please email your efforts to kd5de@nwla.com.

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>

QSL Bureau News

Since our last issue, things at the QSL Bureau have been very quiet. No cards are currently in the bureau, and none have been processed.

Remember that I can process cards between all 10-10 members, no matter the band, mode or operating event - the only requirement is that both stations have a valid 10-10 number. All cards should be sent to my address below.

Jim Stoeber, WI9X #49635
8829 Bermuda Ave.
Caseyville, IL 62232

10-10 International Net, Inc. - 2019 Scholarship Winners



David Kicinski KD2HJZ

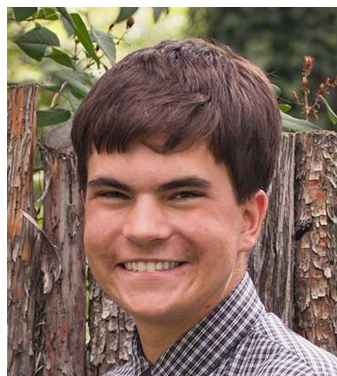
I am David Kicinski. KD2HJZ, from Earlville, New York, which is in the central part of the state. I want to thank everyone involved for awarding me your scholarship. I am a home school graduate, being home educated my entire school years. I have just started my Freshman year at Liberty University in Lynchburg, Virginia, accepted in their Honors Program and majoring in Biology. My thoughts for the future are to become a research biologist and possibly continuing with graduate school for a specific area of study. I became interested in Amateur Radio at 11 years old. My Dad and a few siblings are operators and they invited me to

go to ARRL Field Day so I could operate on the "Get On The Air" station. After that weekend, I was certain I wanted to become a ham. That October, I passed my Technician exam and obtained my license. In March of the next year, I also passed my General exam and was thrilled to have the upgrade so I could operate on a wider range of bands. During the past five years, I have contacted people all over the world, including Antarctica, which was the highlight of my being a ham. I have also participated in several special events, including the 13 Colonies, which I have done every year since becoming a ham. Overall, the hobby has been a very fun and useful part of my life and I will never regret getting my license, especially at such a young age. Another major part of my life is my health. Being born with four major heart defects, I needed open heart surgery when I was four years old. During that surgery, the doctors also put in a pacemaker. The surgery was very successful and improved my health to close to equal others without a heart issue. Since then, I have had annual checkups with the doctors who informed me of my heart's steady improvement. Now, my heart can function without the help of the pacemaker and the pacemaker will soon be taken out with a simple surgery. The congenital heart defect that would otherwise have crippled me by my late teenage years has been corrected and I lead pretty much a typical and active life. Since 2009, my family and I have raised seven Labrador Retriever puppies for Freedom Guide Dogs (FGD), an organization devoted to raising guide dogs for the seeing impaired and veterans. I was the primary raiser for the most recent dog who went for his formal training last year. He was a yellow lab whom we named Hokey Pokey. We also have raised Wendi from puppyhood, a "breeder" for FGD who has given birth to a total of 39 other prospective guide dogs!



Tucker Dunham KD2JPM

My name is Tucker Dunham, KD2JPM, from Washington, NJ. Thank you everyone involved for your kind consideration and generous award of the 10-10 Scholarship. I appreciate the time and energy that was invested reviewing everyone's applications. I am grateful having been chosen to be a recipient. I am confident I will make the sponsors proud through my work in college. I am a 2019 graduate of the electronics program at Warren County Technical School in New Jersey and I was accepted to Rochester Institute of Technology where I will study microelectronics, fulfilling my goal to pursue an Electronics Technology career and hobby. I was originally licensed in October 2015, and then upgraded to General Class in June 2018. I am also an Associate Certified Electronics Technician. I am a member of the WC2FD and W3OK radio clubs and I enjoy participating in multiple events with each club. I am also a published author in the Radio Club of America 2019 Spring Proceedings detailing my patent pending invention, a solar powered amateur radio digipeater for emergency communication situations. As a Boy Scout, I have earned the Radio Merit Badge and I am proud to have achieved the Eagle Scout Award. I received the 2018 Radio Club of America Young Achiever Award and the 2018 ARRL Youth Leadership Award. Thanks, again for the 10-10 Scholarship.



Tucker Dunham KD2JPM

My name is Jonathan Doorn, KG5CUK, a recent graduate of the Los Alamos High School in Los Alamos, New Mexico. This fall, I will be attending Purdue University to pursue a degree in Electrical Engineering, and then a career as an Electrical Engineer. My whole life, I have been interested in electronic gadgets, including radios. In elementary school, I remember putting together an AM/FM radio kit, and then a low power transmitter kit. My interest in this helped me find the world of Amateur Radio. In middle school, I decided to study for the licensing exam, and I went on to pass both the Technician and General tests in the same session. Since

then, I have found joy in every aspect of the hobby. I enjoy contesting and DXing, having made QSOs with operators in all 50 states as well as over 70 countries. I also enjoy the service aspects of ham radio, using my license to

provide communications support for mountain trail runs in locations where cell phones cannot reach. I am a very outdoors-oriented person, and I have been able to integrate my hobby of ham radio with my recreational activities. Living in the Rocky Mountain region of the US, I am surrounded by peaks surpassing 10,000ft, so I became familiar with Summits on the Air (SOTA) and started hiking up mountains with my ham radio. I usually made a few QSOs on voice whenever I summited, but I quickly found that most SOTA activity was on CW, which prompted me to learn Morse code. I would not feel comfortable operating Field Day with it yet, but I can hammer out a crude contact from the top of a mountain with someone very patient on the other end. In addition to the communication aspects of ham radio, I have also exposed myself to the DIY fields. I have built most of my own antennas from 2-meter ground planes to 20-meter dipoles, and even an HF tunable vertical out of a tape measure. I have made various digital interfaces and an AX.25 modem on a breadboard to get started in Winlink and APRS. I chose Electrical Engineering as my academic and career path due to my joy for tinkering with electronics, which was fostered by my involvement in the amateur radio community. I am proud to be a part of this great community, and I will continue my participation in it at Purdue, where I will be a member of their radio club, W9YB. Thank you so much for awarding me one of the 10-10 Scholarships.



Jissel Jose KM6GKN

My name is Jissel Jose, KM6GKN, from San Jose, CA and I wanted to thank you for your support in helping me continue my education and supporting young amateur radio hobbyists. I greatly appreciate the scholarship and it will definitely be very helpful for me going forward. I am going into my senior year at California Polytechnic University in San Luis Obispo, California and I am working towards a degree in Electrical Engineering. After graduation I would like to go into the RF/communications field. I am spending my summer as a pre-sales engineering intern with Motorola Solutions and so far I am really enjoying it. My ham radio experience has definitely helped me on the job. I was first introduced to Ham Radio during my first year at

Cal Poly. I got my Technician license in 2016 and upgraded to an Extra license in 2018. I have been an officer in the Cal Poly Amateur Radio Club (CPARC) for the past two years and I will be serving as the President of the club for the 2019-2020 school year. I hope to expose and teach more college students about the hobby and grow the membership of our club. I also serve as the test session manager and emergency response lead for the club. One of my favorite activities to do as a ham is to volunteer on communications teams at

local events as both a radio operator and net control. I am a Laurel VE and I organize and host a yearly ham cram where we are able to teach the material for the technician exam and license about 50 people in an entire day. I have participated in some HF contests as well with the set up we have in the CPARC ham shack. I have also helped with some of the social events the club puts on including transmitter hunts, BBQ's and club showcases at Cal Poly. Through the hobby I have met a lot of new friends as well as gained more confidence in myself. Thank you again for all of your support.

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 June, the Foundation Board voted to guarantee the funding for four \$2000 scholarships to be awarded in 2020. The Foundation was created in 2001 and is a qualified 501(c)(3) tax exempt organization and contributions are tax deductible. Why not consider a donation as a Chapter or an individual in memory of a fellow ham or loved one.. If you have an employer matching program, please let us know. An employer match was received this quarter as result of the donation by Taras Sochan, K2ERD, #74082. If you haven't donated before, we want you to know that all donations are appreciated and they do add up. At the time you make a donation to your favorite charity, please consider a donation to the 10-10 Scholarship Foundation

If you make a donation of \$25 or more you are eligible to receive one of the 10-10 pins. As more and more members have told me not to send a pin and want the maximum amount of their donation to go to the students, if you have made a qualifying donation and would like a pin, please contact me at wa2suh@aol.com. To pay by credit card see payment information on Page 28 or send your check to me or the Data Manager. Our addresses can be found on Page 28.

The members listed below became 10-10 Scholarship Foundation Supporters during the months of June, July and August and we appreciate their support.

* Employer match received

Platinum (\$1000 or more)

KC0RBV	Jennie Tuttle	77375
N8YXR.....	Robert Tuttle	77577

Gold (\$500 to \$999)

None

Silver (\$100 to \$499)

*K2ERD Taras Sochan 74082

Bronze (Up to \$99)

WA7ONE Ronald McCombs 29018

KD5DE Mel Sojka 33513

K9SX Robert Walerowicz 68511

KA1DBE Jeffrey Hanscom 76792

10-10 Scholarship Applicant Information

Each year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, funds four \$2000 scholarships, which are administered on our behalf by the Foundation for Amateur Radio (FAR). It

is suggested that every 10-10 member encourage qualified college-bound amateur radio operators to take advantage of this opportunity. The most recent winners are featured in this 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
2.	11700	N5XZ	4530
4.	11300	DL8YBM	36109
5.	10600	N1API	25468
6.	10000	K6PZE	1341
7.	9800	N5DAS	35877
8.	8800	AC6FU	10937
9.	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

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@tvconnect.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@nwia.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@lolo.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	Moved - New address coming	No Phone	g4blh@zen.co.uk
Scouts	Rex Landreth, KD6FEC #77131	30 Alida Road, Braintree, MA 02184	No Phone	kd6fec@gmail.com

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.

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!!!

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.

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

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

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

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

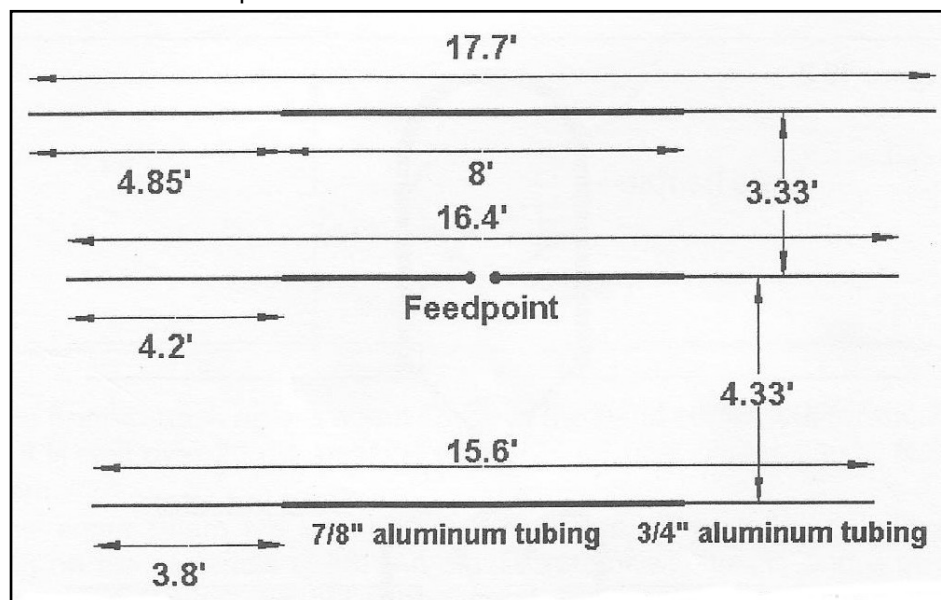


Figure 1. Dimensions for 3-element Yagi

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

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

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

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

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

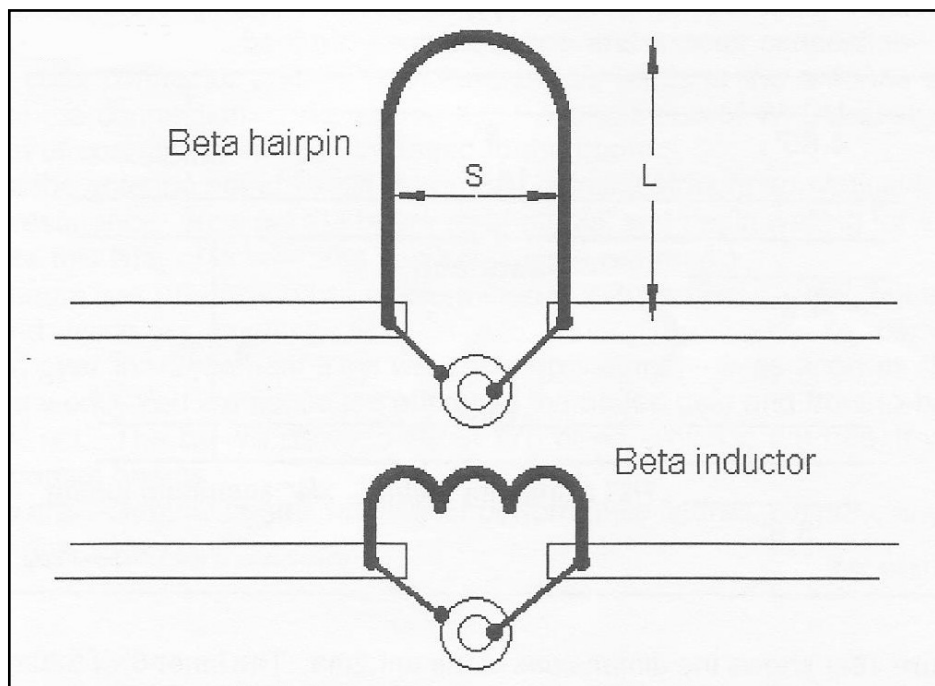


Figure 2. "Hairpin" and Inductor Beta Matches

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

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

How well does the antenna work? Across the first MHz of 10 meters, the gain ranges from about 7.3 dBi to 7.7 dBi (free space gain). In comparative terms, this is about halfway between the gain of the wide-band 50-Ohm beam and a

highly optimized 3-element beam with a boom length of about 12' or so. The gain is high enough to compete favorably with most 3-element tri-banders on 10 meters. Figure 3 shows the pattern at 3 points across the band.

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

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

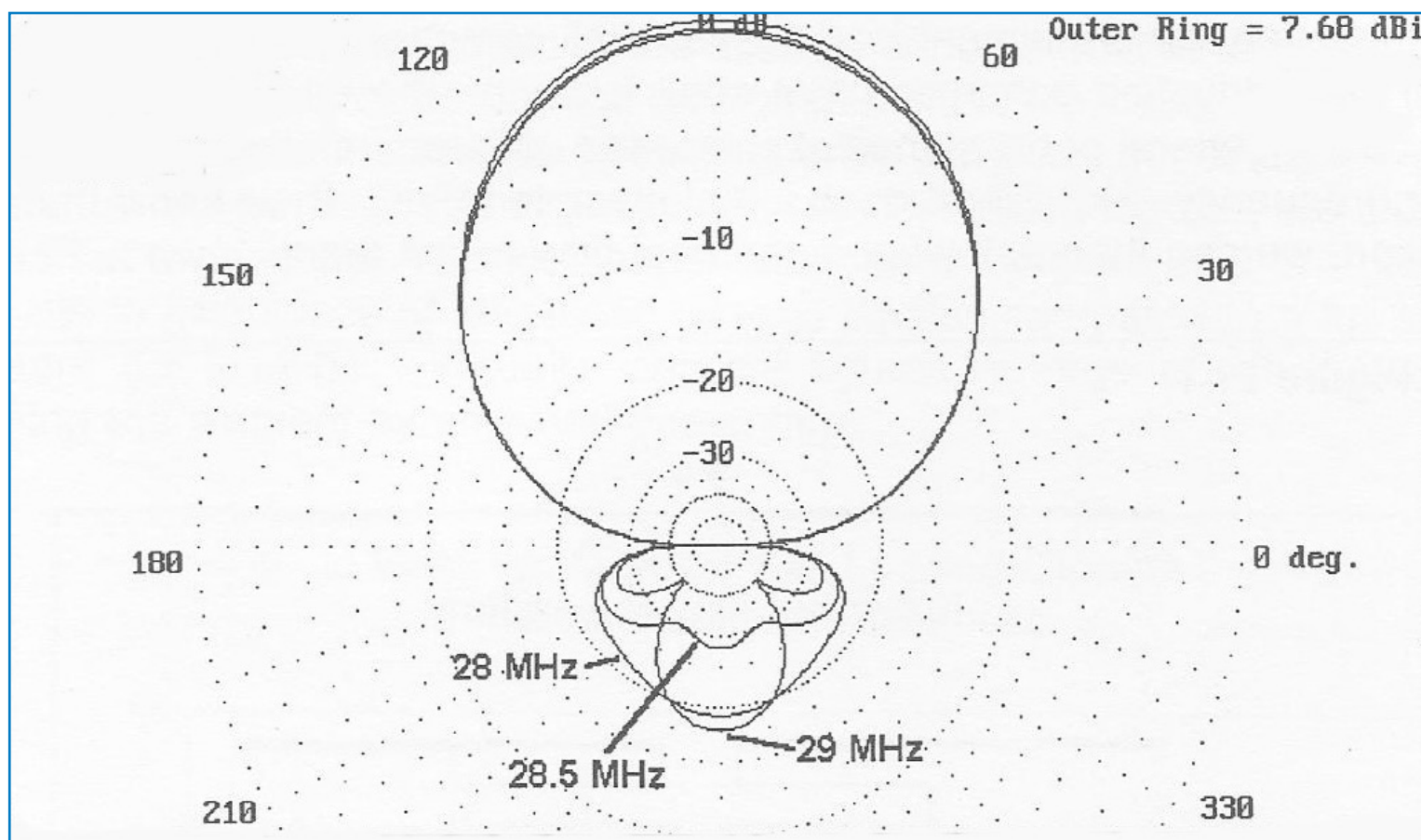


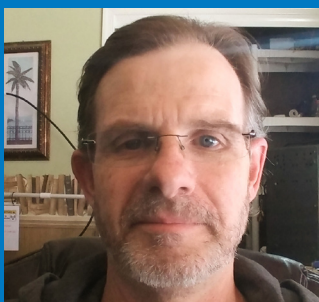
Figure 3. Free Space Azimuth Patterns for the 3-element 8' Boom Yagi

Meet The Volunteers

A year-long event to find and make contact with all of the people who devote time to keep 10-10 an active organization!
The goal? Make contact with each of the following volunteers during 2019

AE6Q, Mary	Committee Member	KR7RK, Keith	Treasurer
AJ7B, Randy.....	Newsletter Editor	KZ3T, Dan.....	Director/QSO Party Manager
G4BLH, Mike	Awards – GB	N0TW, Terry	Past President
K0DBK, Brad	Awards – Counties	N2WIE, Tony.....	Awards – 1000+ Bars
KD2NOM, Mark	SK Manager	N5MT, Mike.....	Awards – DX
K4QHH, Bob.....	Award Manager-Mobile & VP	N6ELK, Louise.....	Net Control
K5BKT, Peggy	Committee Member	N6OPR, Bob.....	Director/Net Manager
K5ERJ, Ed	Committee Member	N7YG, Jeff.....	IT Manager
K6DNR, Bob	Net Control	N9AC, Gerald	W6OI Trustee
K6RDK, David	Data/ Membership Manager	NP2MR, David.....	Committee Member
K7CWS, Ray	Net Control	NZ1I, Kevin.....	Awards WAC
KA0ZPP, Jim	Director/Chapter Coordinator	VA7GY, Garry	Committee Member
KA5VVD, Bob.....	Committee Member	VE3MEW, Bill	Committee Member
KC1BTA, Jason	Scout Award Manager	W4MAA, Bobby	Committee Member
KC5ILO, Tom	Director/ Publications	W5DJT, David.....	Committee Member
KD5DE, Mel.....	President	W5SUM, Ronnie.....	Historian
KD6FEC, Rex.....	Scout Certificate Manager	WA2SUH, Larry	Scholarship Manager
KE1HG, Charles	Committee Member	WA3GM, Greg	Vice President
KF4WKY, Mike.....	Net Control	WA6POZ, Gerry	Software Support
KG5RJ, Greg.....	Committee Member	WB0CON, Eva	Awards – WAS
KI6OY, Lee	Awards – CW	WB6OJB, Arnold.....	Net Control
KJ5SZ, Hugo	General Counsel	WB9WZI, Alan	Net Control
KM5EH, Marcus	Director/Awards Manager	WI9X, Jim	QSL Bureau Manager
KM5FF, Eddie.....	Awards – WPX	WN4AMO, Paul	Director/Publicity
KQ4PK, Robert.....	Net Control		

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



Silent Keys

Mark Steele, KD2NOM
(#77596)

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

10-10#	Call	Name - City, State
01776	W1WYC	Fred N. Garside - Burlington, MA
04793	WX5W	William J. Roney, II - San Antonio, TX
08237	W6YOO	Harry A. Hodges - Escondido, CA
08672	W0QKJ	Dean F. Medcalf - Mequon, WI
09732	K2HTO	Martin Greenbaum - New York, NY
10959	AF6F	Richard L. Schepler - Norco, CA
13193	WA4JTE	Dale Bennett - Columbia, KY
14208	W5OXA	Ernest E. Orman, Jr. - Biloxi, MS
16282	N8IH	Wayne A. Watson - Springfield, OH
16621	W0KIT	Douglas R. Wheeland - Colorado Springs, CO
16809	K3DC	William W. Carrigan - Palm Bay, FL
16931	KD5ON	Steve R. Brown - Grofey, IL
18221	K2BOG	Harvey Wasserman - Vernon, NJ
18405	VE2AWR	Serge Langlois - Quebec, QC
19462	WA0RVG	Richard D. Kjellberg - St. Paul, MN
21171	KC6X	Willard D. Wolfshohl - Papillion, NE
23807	K0FS	Fredric M. Simowitz - St. Louis, MO
24101	W4CPA	Raymond K. Adams - Knoxville, TN
24750	KC4LV	Laudon Williams, Jr. - Pelham, AL
26269	KJ4D	Thomas D. Canup - San Jose, CA
27448	WA8TM	Charles G. Morris - Ann Arbor, MI
27747	KA6CZS	Lera J. Causey - Bodfish, CA
28211	N0BEI	Duane L. Jabas - White Bear Lake, MN
28510	WB8RJW	Guy L. Hardy - Flint, MI
28516	W8JOH	John H. Williams - Beaverton, MI
30099	W7BLC	Barry L. Carlson - Portland, OR
30162	WD4NMV	Charles J. Careccia - Mars Hill, NC
31072	WD5JNC	John E. Kreckler, Jr. - Moss Point, MS
31224	K4VU	Robin A. Gist - Killen, AL
32880	ND8Q	Allen D. Walters - Zeeland, MI
34071	AA5ZV	Thomas E. Wilt - Oklahoma City, OK
35725	WA4EQW	Patrick W. Dolby - Fort Myers, FL
36069	WB6QYF	Robert B. Buchanan - Fresno, CA
36910	OE7PGI	Gerald Plamoser - Kirchberg, AUT
37312	N4CUO	Victor H. Faries - Hamlet, NC
38069	W5ODD	James R. Bobo - Harlingen, TX

10-10#	Call	Name - City, State
38864	KM4LS	William R. Ronay - St. Simons Island, GA
39464	AA4SV	Robert G. Williams, Jr. - Williamsburg, VA
39472	K4AVU	Paul G. Marsha - Columbia, SC
40456	KA1INX	Gregory J. Raymond - Nottingham, NH
40563	KD2IN	Murray Goldberg - Toms River, NJ
42022	VE1REC	Robert E. Crawford - Dartmouth, NS
42444	N3HF	Mark Woodruff - Manassas, VA
43696	N5COS	Marvin E. Noack - Groves, TX
45971	K3VB	Vincent C. Braxton - Culpeper, VA
46411	WD4HHA	William J. Smith - Tampa, FL
47216	N0IW	George Kurhajec - Georgetown, TX
47230	KA0FJA	Harrison B. Scott - Northville, MI
47621	AA7HX	Henry T. Willis - Tucson, AZ
48801	WD8OHB	Carolyn L. Botbyl - Muskegon, MI
49761	WM2Y	John E. Tutein - Albany, NY
51204	W1TB	Gary J. DellaGhelfa - Torrington, CT
51917	KB9AFC	Jack R. Connelly - Terre Haute, IN
51967	W9RS	Richard Steck - Lake Forest, IL
52320	N3QGB	Charles S. Moody, Jr. - Opelika, AL
54311	KB4XQ	Michael W. Hill - Opelika, AL
56030	KY4JD	John P. Donnelly - Ft. Wright, KY
56094	N4TME	Albert P. Ruschel, Jr. - Tennyson, IN
56808	N3GDK	William G. Smith - Timonium, MD
57108	K5MLR	Gerard V. Gutierrez - Kingsville, TX
57183	W5RDS	Richard D. Southern - El Paso, TX
57672	WA5TCZ	Darron J. Sanchez - Greenwell Springs, LA
63255	W4OPG	Richard A. Welke - Mooresville, NC
68904	DJ2YE	Diethelm Burberg - Mettmann, DEU
70255	W5LJR	Lee J. Roberts - Westlake, LA
70895	KU4YM	David H. Hyatt - Summerville, SC
70997	K9RV	Jerry D. Scott - Shelbyville, IN
71259	W8WWG	Charles B. Sharp, Jr. - Garrettsville, OH
71837	K2PIG	Debra Dutkewych - Branchport, NY
72302	NY2A	Scott A. Blystone - Rochester, NY
73155	KA3KZH	Charles E. Brown - Frederick, MD
74283	K5FUR	Billy H. Beard - Columbus, MS
74498	AF4XX	David F. Shiphorst - Headland, AL
74791	N5CPA	Samuel F. Wilson - San Antonio, TX
75315	N6ISL	James F. Ferenz, Jr. - Pleasanton, CA
75628	N3AY	Ray Surles - Elizabethtown, NC
75674	KI4WOE	Paula M. Surles - Elizabethtown, NC

Thanks to AJ7B, K2HAT, K6RDK, N1API, N5MT, WA6POZ and Maty @ QST Magazine for their assistance with this months listings.

Mark 73, KD2NOM #77596

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, Money Order or IRC's (\$1USD per IRC). Due to banking regulations Credit Cards cannot be accepted for merchandise. Membership Services and Scholarship Donations can be made via credit card using the secure shopping cart at www.ten-ten.org

Mail to:

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

SCHOLARSHIP DONATIONS

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

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

TEN-TEN QSO PARTY RULES

5.2 10-10 QSO PARTIES

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

5.2.1 WHO IS ELIGIBLE?

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

5.2.2 WHEN ARE THE QSO PARTIES?

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

Winter Phone - held on the first full weekend in February

0001 UTC Saturday through 2359 UTC Sunday.

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

0001 UTC Saturday through 2359 UTC Sunday.

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

0001 UTC Saturday through 2359 UTC Sunday.

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

0001 UTC Saturday through 2359 UTC Sunday.

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

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

0001 UTC Saturday through 2359 UTC Sunday.

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

0001 UTC through 2359 UTC.

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

0001 UTC Saturday through 2359 UTC Sunday.

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

0001 UTC Saturday through 2359 UTC Sunday.

5.2.3 FREQUENCY AND MODES

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

5.2.4 ENTRY CLASSIFICATION

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

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

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

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

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

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

5.2.5 TRANSMITTER INFORMATION

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

5.2.6 EXCHANGE

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

5.2.7 QSO POINTS

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

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 ten-tencontest@ten-ten.org. Q95 files are not a proper format nor are they readable, therefore, they will not be accepted.

5.2.9.1 ENTRY DESCRIPTION

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

5.2.9.2 ENTRY DEADLINES

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

5.2.10 QSO PARTY RESULTS AND AWARDS

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

5.2.11 ANNIVERSARY and MEET THE VOLUNTEERS EVENTS

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

In the MEET THE VOLUNTEERS event, entrants may submit a log of contacts with members listed in the 10-10 NEWS as being a 10-10 volunteer. One contact per volunteer is permitted, regardless of mode of contact. In both events, contacts must be made on

the 10-meter band with any legal mode (AM, SSB, FM, PSK, CW, etc.). All submitted logs must contain only one entry for each 10-10 number contacted. Contacts MUST be listed in 10-10 number order and each entry must list the 10-10 Number, Date, Call, Name, QTH and Mode, in that order. These events are for Individual entries as described in section 5.2.4 and certificates will be awarded for the TOP Ten, however all entrants will be listed in the 10-10 NEWS.

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

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

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

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

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

5.2.13 10-10 SPRINT (October 10) QSO PARTY

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

5.2.14 W6OI SPECIAL EVENT

This event has been cancelled until propagation conditions improve.

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

5.2.15 FOR MORE INFORMATION

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

10-10 QSO PARTY COVER SHEET

QSO Party (select one):

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

Contest Exchange:

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

Entry Information:

Name: _____

Mailing address: _____

City: _____ Zip: _____

State/Province/County: _____

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

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

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

Entry Type (check one only):

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

Claimed Score:

Contacts WITH 10-10 number: _____ X2 = _____

Contact WITHOUT 10-10 number: _____ X1 = _____

Total Contacts: _____ Total Pts: _____

Submitting Logs:

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

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

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

EMAIL to: tentencontest@ten-ten.org.

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