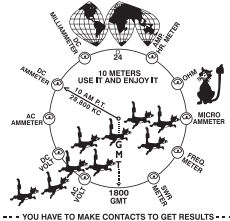


TEN-TEN INTERNATIONAL NET, INC.



TEN-TEN INTERNATIONAL **NEWS**

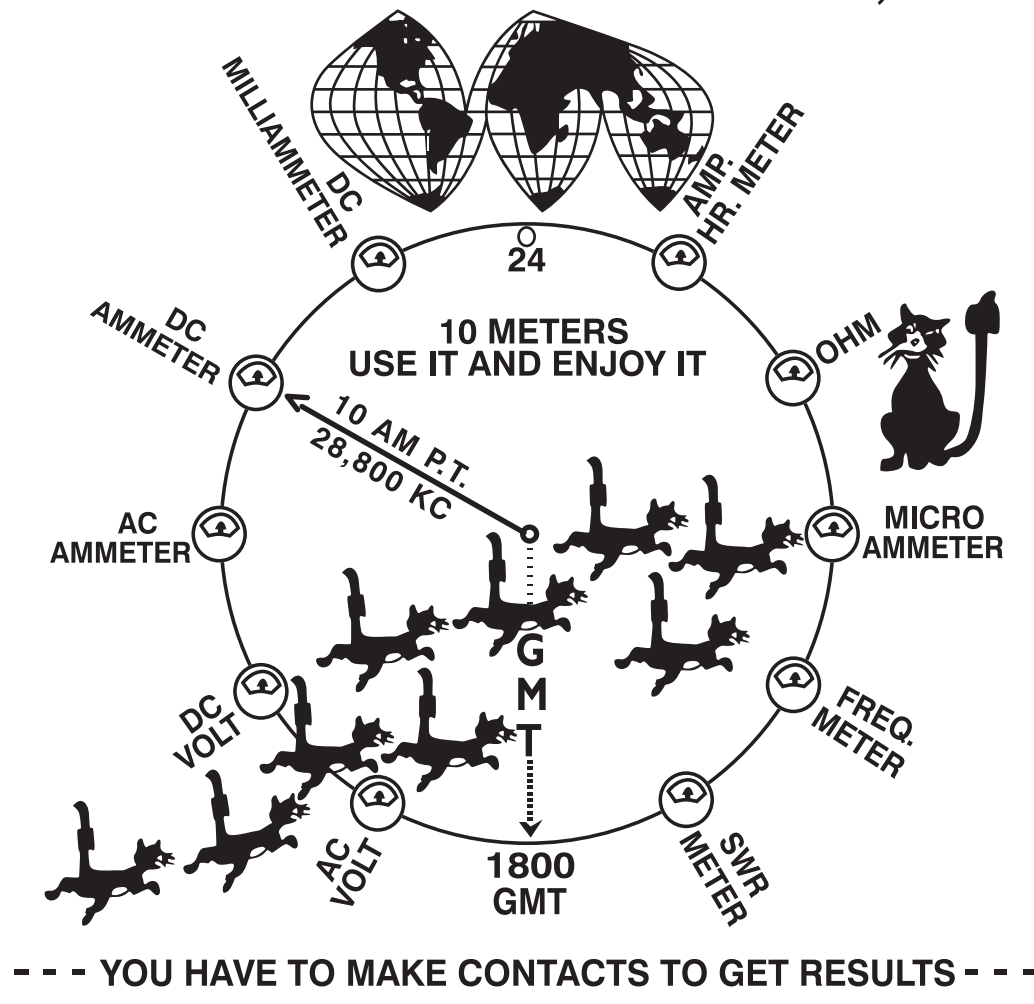


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The Ten-Ten International News

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

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

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

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

DEADLINE FOR NEXT ISSUE: 1 September 2018

PLEASE MAIL ALL ARTICLES AND PHOTOS TO:

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E-mail: editor@ten-ten.org

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

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

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

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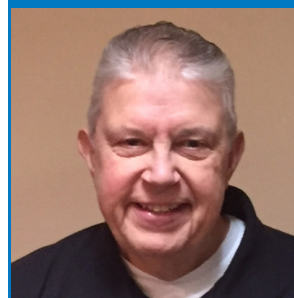
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From the Editor

Randy Mather, AJ7B
 (#7675)

Thanks to Jon, KD4AMP #59739 who provided the story and pictures on the Winter Phone Contest. Another thanks to Charlie, WA2HMM, #40510 for the short article on FT8 mode. Then Rick (WH6LU, #65878) shared an interesting 1010 find. These types of inputs help make this newsletter more interesting to its readers.

In addition to putting this newsletter together, I have the pleasure of being the VE Coordinator for my club: Snohomish County Hams Club. We put on monthly ham tests in Everett WA, where all who want to become hams or upgrade their license are welcome. We also do special test sessions from time to time. In June, we had two sessions that I found interesting. One was for a Nursing home/Rehab center. It seems the state of Washington has set up a regulation where some staff members at health facilities need to be Amateur Radio Operators. This particular facility in Arlington WA asked our club to come in and train some of their staff for the Technician class license. Our club took on that challenge and did a three day training course with a test session at the end.

During the training it was very obvious that most of the nine students had very little electronic experience. As I was training on my sections, I was getting a feeling that this was not going to turn out very well for the testing session. I was surprised that after the test, five of the eight that took the test passed and are now technician class licensees. The point of this note is that we are seeing more and more health organizations get some of there staff licensed. We already have a request from another hospital for training. The value of Amateur Radio during disasters is taking hold.

The other test session we had was for some boy scouts. We weren't required to train them. A scout master with an Extra license did the training. Our VE team just came in at the end and administered the test. The boys were ages 10 to 14. I had never tested a group of kids. We have had kids (one or two) show up at our monthly tests, but not a group of mostly kids. There were adults there to supervise the kids. Boy what a different atmosphere. It was a challenge keeping kids focused. And not all the results were good. Three of the kids failed the Technician element. Giving those three their results was difficult for me. But not as traumatic as it was for the kids. Needless to say, some tears were shed and adults needed to step in and offer encouragement.

Just wanted to share some experiences I had in helping keep this hobby alive.

73 - Randy - AJ7B #7675



From the President

Terry Webb N0TW
#36547

I can hardly believe it but we are actually getting some 10 meter band openings here in the South. During the past few days, I have been able to work into the Midwest and Northeast with some very good signals. Perhaps this is a sign that better propagation is on the horizon for 10 meters?

The Spring CW QSO Party saw limited participation. I wish more members had tried their luck at CW as the band conditions were not all that bad. I was able to work into California, Connecticut and even Panama – from Florida.

Recently, Ten-Ten International had a booth at the Dayton/Xenia HamFestival. We had several members manning the booth at this hamfest including: KD5DE, KR7RK, N0TW, and a newcomer, KN4MDC (my wife Susan). Susan obtained her 10-10 number at the hamfest and is now number 77621. So, we are slowly creeping up towards the 78000 number!

The Xenia hamfest was great. There were many vendors and flea market attendees. About the only time that conditions were crowded was during a rainstorm when everyone ran indoors. Otherwise, just a good flow of hams wandering through the various buildings. The weather was somewhat cooperative with only mixed rain showers and the temperatures were great. This is not bad for Dayton/Xenia as we typically get rain for this hamfest. I saw visitors from England, Iceland, Germany, the Caribbean, Japan, Russia, Australia, Canada, Nova Scotia, and Guatemala. The food vendors provided an excellent choice of food including, beef, BBQ chicken, and home-made ice cream!

It is always a treat to see people running around with miniature towers with antennas sticking out of the top of their head. Hi hi.

There were 180 log signers at this event. Our lowest number was 702 and the highest was 77621.

One activity that I got to participate in was sending morse code with my left foot! I earned the "QLF" award for this effort. I also made a CW QSO using a manual hand key, something that I have not done for perhaps 20 years.

If you have any interest in representing Ten-Ten International at a local hamfest, you can always request supplies from WN4AMO and Paul will

forward them to you.

There are many hams that I meet on 10 meters who have never heard of Ten-Ten International, so it is important that we talk it up to prospective hams every chance that we get. I refer potential members to our website where they can download an application in PDF format.

I am most impressed with the number of Ten-Ten members that I have worked who are running low power. I talk to many who are running just 25 watts or so using mobile antennas. This demonstrates that you do not have to have an elaborate station to make 10 meter QSOs.

Ten-Ten is presently in the midst of nominations for our upcoming election of officers. It is somewhat disappointing to see such little interest in members who want to run for an officer position. Since we have dropped the requirement for travel to attend Board meetings, it was anticipated this would generate interest for people to run for an office but this has not proven to be true. We filled all officer positions, but just barely. There are lots of good candidates who will be filling the officer positions so let's all give them our support. Refer to other articles in this issue of the newsletter for information regarding the election.

There remains to be a controversy with the use of FT8 digital transmission for exchanging 10-10 numbers. Many members have resorted to using other digital means including RTTY in order to complete the requirement for the number exchange. With marginal 10 meter propagation, digital transmissions have proven to allow communication when other modes cannot work.

I would like to encourage all of you to get back on 10 meters and start communicating. Give the nets a try and see if you can pick up some new numbers. Also, if you have any issues with our organization, contact any of the officers and we will do our best to resolve the issue.

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 Q2 are:

Operator - **N9TE David Whaley #14866**

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

TEN METER AND TEN-TEN TRIVIA

First of all, the ten meter info can be found on the web in several places. The Ten-Ten information came from the News archives. Since the early mail outs are not available, a lot of pre-1975 data is missing. If you have any of these, please let the President or Editor know. Much of this info may be inaccurate, since validation is a bit difficult.

On October 4, 1927, 28.000 – 30.000 MHz was first allocated to the Amateur Radio Service. On November 25, 1947 the FCC removed 29.700 – 30.000 MHz from the Amateur Radio Service and reallocated it for FM business band and government use. The stated reason was the band was not being utilized. In return for the removal of that segment, 26.960 – 27.230 MHz was awarded to Amateur Radio for cw and phone use, but only for class C amateur ticket holders. In 1951 the class C ticket was replaced by the General/Conditional (by mail) tickets. At that time, the Conditional license was allowed to operate in the 26.96-27.23 MHz segment of the band.

On September 11, 1958, the 11 meter portion was assigned to the Citizens Radio Service, which had previously been using 460-470 MHz. The FCC once again justified this action on the lack of amateur use. It should be noted that this was at the bottom of a solar cycle.

In 1977 the Conditional license was abolished and in 1978 those holding that class were grandfathered to General Class licensees.

In 1962, K6PWO #97, called a gathering to establish a method of preserving 10 meters for Amateur use. On April 29, 1962 at least 13 Amateurs met at San Dimas Canyon Park, near Glendora CA, to begin the discussion. Several more meetings transpired and the result was the formation of the Ten-Ten Net of Southern California.

It was originally defined as a traffic net. In April 1965, the traffic function was abandoned and the net was redefined as a friendship type gathering.

The first 250 certificates we ordered in August of 1962. The basic certificate remains unchanged. Early certificates did contain date of issue or membership numbers. The first color certificate was awarded to W6CKS on January 16, 1966.

Now to the Ten-Ten number. Initially, no numbers were issued. By November 1964, the membership count was 90. A year later it had doubled. By the fall of 1966, the membership had grown to the point where membership numbers became necessary. It appears that this was done by a lottery or hat draw for the first 100 numbers, as dates of membership had not been recorded. One item of interest is only 7 of the 13 founders received numbers in the initial draw.

The contact awards program began in 1965, and the first QSO party was held in 1969. This event was won by K5MRU #218

The November 1964 news reported that there were 10 members using SSB and a special net was held after the AM net allowing those members to check in. It was noted in 1968 that it took one member 7 months to work the required 10 contacts.

Prior to 1975, newsletters were not regularly mailed and sometimes were simply one or two page documents. In January 1975, the Quarterly News began distribution to all current members.

From March 1970 – March 1974, membership had grown from 892 to 9062. The banner year was 1973 with 4,270 new members. October 1974, Oscar Seven (W3OHI) was awarded #10000. During this time frame the local chapter concept was established which also contributed to the increases in membership.

One item that has always had an effect on growth and activity is the solar cycle. As we approach membership number 78000, the biggest factor that is limiting our growth is the 25% Silent Key rate. The rate at which new young members join the organization has become a key factor in its survival.

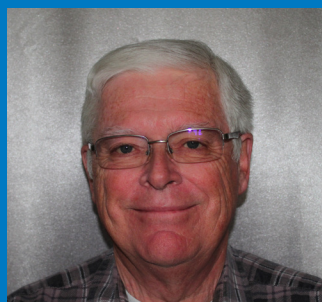
God Bless & 73
Mel KD5DE #33513
Past President

NEW LIFE MEMBERS

08004	AA8R	Randy L Hatt	MI
08993	N1JW	Al Meleg Jr	CT
12500	N8DH	Richard L Herr	OH
50821	AD7Z	Robert L Walters Jr	OR
71035	AA3S	Douglas M Hart	MD
71103	KM5EH	Marcus Lieberman	NM
71872	AF4LL	William K Bonilla	KY
77344	KM4CAX	Jack D Hollister	GA
77608	KC9Q	Michael Salak	IL

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.



Chapter Coordinator

Jim Fox, KA0ZPP
(#43428)

GENERAL NEWS

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

2) If your chapter is planning a special during the months of October, November or December, please let me know before September 1st so I can include the details in the October newsletter. Larry, CH of Santa Fe Trail, reports that his monthly specials do promote participation, especially in Europe.

3) Reminder of Quarterly Reports Due: **In Extremis** (no report in over a year): 10 Bar-X, Minuteman/Old Ironsides. **Past Due** (no report received during the prior quarters when due): Portland 500, Route-66, South Central Illinois Ten Meter Club. Reports received after May 30 (date of this report) are not included here and will be acknowledged in the Chapters section of the 10-10 website.

Chapter Reports **Due during third quarter:** Tango (Aug). Note that Quarterly Chapter Reports may be sent any time. The months indicated here are the dates in 2017 in which the last report was received.

4) Several chapters have been sending in minimal chapter reports in order to maintain affiliation. I ask **ALL CH/CM** to send me a **complete report** during 2018 so I have up to date contact and net information. I thank you in advance for your help. See www.ten-ten.org/index.php/resources/ten-ten-documents/ten-ten-forms for a form to download or fill out and submit electronically.

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

CHAPTER NEWS

1) CH Cliff, K5FBS, reports that he no longer can support the **Space Coast**

Chapter. Since no one has come forward after our request for help in the April **NEWS**, Cliff has declared the chapter **QRT**.

2) **Santa Fe Trail** runs specials almost every month. Watch for posts on the TenMeters email list from CH Larry, KA9PCU, for details. CH Larry is also looking for an assistant to learn the ropes of running the chapter. If you are willing to help, or want more information, contact Larry at (309) 342-5977 or (309) 299-0246.

3) Since Jim, N5QK, became SK, Clyde, N5HCW, has lost all equipment and records for **Louisiana Pelican** chapter in hurricane flooding. The chapter net currently is being run informally by Marvin, N5HE, out of Baton Rouge. The chapter may lose affiliation if there is insufficient interest to continue.

4) Chapters below accept email upgrades as of May 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

Major League Baseball – CM N6OPR, n6opr@msn.com

Minuteman/Old Ironsides – CM WA1ENO, wa1eno@hotmail.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/Portland 500 – CM W7HO, w7ho@w7ho.com or w7ho@arri.net

Santa Fe Trail – CM KA9PCU, ka9pcu@centurylink.net

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

Space Coast – Now QRT. **

Speedway – CM W7CAR, w7car@arri.net

Steamboat Plus – CM KD5DE, kd5de@nwla.com

Twin Cities – CM K0DBK, kzerodbk@gmail.com

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

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

TEN-TEN NET GUIDE

As of June 1, 2018

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0001	0100	Chesapeake Bay	Chestertown, MD	28345	WED	0200	0300	10 Bar X	El Paso, TX	28445
SUN	0300	0400	Chief Seattle	Seattle, WA	28430	WED	1400	1500	EU DX/Branding Iron	Bergamen, DL	28355
SUN	1300	1400	Arlington	Arlington, VA	29200	WED	1700	1700	Gold City	Rutherfordton, NC	28425
SUN	1400	1400	Neanderthal Chapter	Leichlingen, DL	28355						
SUN	1630	1730	Possum Trot	Raeford, NC	28345	WED	1930	1930	Route-66	Boonville, IN	28370
SUN	1700	1700	Major League Baseball	Gilbert, AZ	28380	THU	0001	0100	Cradle of the Confederacy	Pike Road, AL	28350
SUN	1800	1900	Portland 500	Portland, OR	28350	THU	0100	0200	Gateway	St. Louis, MO	28650
SUN	1900	2000	Oregon Trail	Dallas, OR	28330	THU	0100	0100	Cow Town	Arlington, TX	28460
SUN	1930	1930	North Georgia	Atlanta, GA	28610	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
SUN	2030	2030	Santa Fe Trail	Galesburg, IL	28345	THU	0230	0330	Windfarms	Livermore, CA	28485
SUN	2100	2200	Possum Trot	Raeford, NC	28150	THU	0230	0330	Up The Crick	Eugene, OR	28450
MON	0100	0100	Arizona Desert 10-10 Net	Phoenix, AZ	28445	THU	0300	0400	Chief Seattle	Seattle, WA	28430
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	1930	1930	Speedway	Rainer, OR	28350
MON	0100	0100	Lonestar	Arlington, TX	28460	FRI	0001	0100	Fort McHenry/Cornerstone/Yodar Kritch	Arbutus, MD	28370
MON	0100	0100	So. Illinois Ten Meters Club	Centralia, IL	28405						
MON	0130	0230	Bauxite	Benton, AR	28470	FRI	0300	0400	Chief Seattle	Seattle, WA	28430
MON	1630	1730	Chief Seattle	Seattle, WA	28430	FRI	1400	1400	Hanse	Hamburg, DL	28355
MON	2330	2330	Sky Bl Wtr/Tn Lzz/Twn Ct	Inver Grove Heights, MN	28380	FRI	2230	2130	Down Under (Summer in NZ is winter in US)	Auckland, ZL	28530
TUE	0001	0100	Ft McHenry/Cornerstone/Yodar Kritch	Arbutus, MD	28370	SAT	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0100	0200	CO Centennial/CO Frontier Gang	Lakewood, CO	28340	SAT	1430	1530	Steamboat Plus	Shreveport, LA	28430
TUE	0100	0200	City of Lights	St Charles, IL	28150	SAT	1510	1610	Louisiana Pelican	Livingston, LA	28450
TUE	0130	0230	City of Lights	St Charles, IL	28720	SAT	1730	1730	Tango	Buenos Aires, LU	28650
TUE	0130	0230	Bauxite	Benton, AR	28470	SAT	2200	2200	Alii	Lihue, HI	28730
TUE	0300	0400	Bay Area	Hayward, CA	28475						
TUE	0430	0430	Aloha	Hilo, HI	28490						
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835						
T/W	2330	0030	Minuteman/Old Ironsides	Saugus, MA	28409						
WED	0001	0100	Castle Craig	Meriden, CT	28375						
WED	0001	0100	Cincinnati Area Ten Tuners	Milan, IN	28430						
WED	0100	0200	Houston SHOT	Houston, TX	28488						

** Indicates a change since the last published list.

All changes to the above times and/or frequencies should be referred to the Chapter Coordinator if you desire your net information to be accurate. Chapter Coordinator: KA0ZPP, Jim Fox, PO Box 135, Mayhill, NM 8839-0135. E-mail: ka0zpp10ten@gmail.com.



DX News

Mike Davidson, N5MT
(#24949)

The new country of Kosovo with a Z60 prefix, has increased the amount of DX traffic on all of the bands the past five months to the enjoyment of many to get that all-time-new-one. I was able to work them with my old vertical on twenty meters so I get to stay on top of the Honor Roll. I checked my LoTW list and I need to apply a lot of country credits to update my score. Remember that only contacts for Kosovo count after January 20th.

There has been no 10-10 activity from Kosovo the past three months and no member lives in Kosovo. I expect a member from one of the neighboring countries will come into Kosovo for some radio sport and give out a new 10-10 country. If anyone is interested, you must be a 10-10 member and have a license to operate from Kosovo. You do not have to get a 10-10 number with the Kosovo call as you can use your home 10-10 number within Kosovo, just like anyone going on a DXpedition to an island/country in the middle of the ocean etc. Maybe with the start of the next Solar cycle in a few years, maybe we will get propagation to bring Kosovo to the ears of the USA.

Let me remind you of a problem with propagation out of the Mediterranean from the country of Monaco. We have had a 10-10 member in Monaco for a long time but the surrounding mountains make it almost impossible to hear him as he runs low power from his home. Other stations who live within 300-900 miles of his station can sometimes hear his weak signal and get him into their log, but propagation to the US is almost impossible except when the Sun allows the multi-hop skip to the US.

I usually keep the propagation comments farther down but since Field Day is coming up in just a few weekends from now, I wanted to give my prediction for the event. I am working hard getting a HF station setup at my new home. I will probably only have a vertical antenna up for Field Day so I may just operate from home this year. The predicted solar flux for June 21 to July 3 is 70 and the A index will be 5. Sunspot numbers for the past week were few and far between with a solar flux average of about 74.

The solar flux has been back in the 66-99 range the past three months with no significant surge in the solar flux like we had eight months ago. I expect poor conditions on Ten for the next two years as this Solar Cycle reaches its final

days and Cycle 24 ends. The flux will stay in the 70's and 80's for that period until Cycle 25 starts about the fall of 2019. Be sure to upload your logs at least each quarter to LoTW! You can now check if the LoTW server is running by using the website: <https://Status.LoTW.arrl.org>.

Anyone who needs a 10-10 Countries certificate or upgrade can send it to me as I have successfully moved to my new home in Louisiana. I have a fast Internet connection, so I am happy with all the computer stuff at my new home. I have yet to get a big Yagi antennas in the air but I am working on a crank up tower. I am using a friend's remote station in Houston for working DX and I continue to call the Houston SHOT weekly net using the remote. I still have my old vertical antenna so I expect to install it soon so I can work HF from my new ham shack.

The 10-10 Countries award records are saved on an old computer running Windows XP. The program that runs this award is written in an old DOS programming language and will not run on the current Windows 10 computers. I have a super programming friend that is working on upgrading this old DOS program to run as a new OS Windows 10 program. The testing phase of this upgrade has not started as yet, so more work and changes may be required.

The just completed Hamvention in Xenia, Ohio was attended by about 30K visitors this year. Paul N6PSE #68859, has a blog page where you can read about it at: N6PSE.wordpress.com/2018/05/22/my-visit-to-Hamvention-2018. ARRL Newsletter on Hamvention: www.ARRL.org/arrlletter?Issue=2018-05-24.

Countries Award: There were no Basic Countries Awards submitted and no upgrades issued this quarter. A "DXCC Most Wanted" country's list is available at:

<https://secure.clublog.org/mostwanted.php>.

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

GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

3D2/R Rotuma Island. Tony **3D2AG** #72719, was delayed a few days from his trip to Rotuma from February 25th to March 20th. There were several friends with him but none of them were 10-10 members, so you had to find Tony to swap a 10-10 numbers! The call sign was 3D2EU. Rotuma is 400 miles north of Fiji in the South Pacific. Website: <http://www.rotuma2018.de>.

3B7 Saint Brandon Island. A DXpedition to the 27th most needed country, took place from April 5-17th. This was the same group that operated from Juan de Nova in March 2016. Flo **F5CWU** #71812 was the only 10-10 member in the group and he operated SSB. Website: <http://www.SaintBrandonDX.com>.

7Q Malawi. Members of the EIDX group, who went to Nepal and operated 9N7EI in 2017, activated 7Q7EI from Malawi from March 24th to April 3rd. Declan **EI9HQ** #71019 was the only 10-10 member of the thirteen ops who

operated all bands and modes. LoTW. Website: <http://www.7Q7EI.com> .

9H Malta. Akira **JR1VAY** #24338, was active as 9H3SJ from Malta from April 27th to May 5th on HF.

A5 Bhutan. Kay **WA0WOF/A52YLE** #23802, was in Bhutan with friends from Japan. She stayed on 20 and 15 meters running SSB and FT8 with no 10 activity reported.

C9 Mozambique. A large group of ops using call C6T from May 2-15th, have just returned from Mozambique. The only 10-10 member was Francis **ON6LY** #73607, so you must have swapped numbers with him for credit. Website: <https://Mozambique2018.wordpress.com> .

DU Philippines. Press **N6SS** #21293, operated from the Panay Islands as DU6/N6SS until May 17th. He only operated on CW and FT8.

E5 South Cook Islands. Doug **W6HB** #68854 was on the South island from May 14-18th. His call was E51DLD running 100 watts to wire antennas but no 10 meter activity was reported on the DX cluster.

HB0 Liechtenstein. Andy **DK5ON** #54260, was on for one day May 31st as HB0/DK5ON. LoTW.

HR Honduras. During the CQWW WPX CW contest on May 26-27th you could have worked Dennis **W1UE** #10948. He was on Roatan Island using call HQ9X.

KH2 Guam. Toshi **J13ERV** #39995, was running CW during the CQ WPX contest May 26-27th using call AH2R. **KH6 Hawaii.** Philip **N2HX** #25435, was in Hawaii on a vacation trip during May. We operated SSB and RTTY.

P4 Aruba. John **W2GD** #14109, was active as P44W in the CQ CW WPX contest the last weekend in May.

PJ2 Curacao. Andreas **DK5ON** #54260, operated as PJ2/DK5ON on SSB, CW and RTTY from March 14-27th. There was no 10 meter activity reported unlike his trip in 2014. LoTW.

VP5 Turks & Caicos Islands. John **K4BAI** #45389 and friends, were back on the islands using call VP5M for the CQ WPX CW contest. They returned home the end of May.

UPCOMING DX & NEW 10-10 ACTIVITY:

A2 Botswana. Andre **NJ0F** #73604, will operate from Botswana from July 13-20th using call A25A. He will be on CW, SSB, RTTY and FT8. LoTW.

7Q Malawi. Doc **WB6OJB** #70675, will take another summer trip into Africa, going to Malawi from July 20-25th. He operates SSB only on 10 to 40 meters. LoTW.

FP St. Pierre & Miquelon. Eric **KV1J** #31247, will be on his 12th trip to the

island from July 3-17th. Watch for some FT8 this trip and on all bands. LoTW.

GW & G Wales and England. Ron **WJ7R** #76492, will be on a hike in the UK from July 4-22nd. He is taking a KX3 transceiver and will operate at night when not hiking. Call sign will probably be WJ7R/G something.

HH Haiti. John **W2GD** #14109, will be in Haiti during the upcoming ARRL DX SSB using call HH2AA. LoTW.

KH1 Baker Island. A big and expensive DXpedition will start on June 27th until July 7th to Baker Island. Baker atoll is located near the equator in the Pacific Ocean and 1920 miles southwest of Hawaii. You might remember this is the area where Amelia Earhart disappeared in July 1937. The atoll is halfway between Australia and Hawaii. You could find four 10-10 members: Ned **AA7A** #11185, John **K6MM** #13853, Don **N1DG** #27629 and Arnie **N6HC** #29959. On Ten Meters look for them on 28485 SSB, on 28023 CW and 28080 on RTTY. Yes they will operate all bands, etc. Website: <http://www.baker2018.net> . LoTW. Note: This is one of those special events because of how rare the country is ranked for people wanting a QSO, so get **KH1/KH7Z** in the log and send in a LoTW confirmation.

KH6 Hawaii. Will **AA4NC** #15774, Ron **AA4VK** #12423 and Randy **N0TG** #12990, will be in Hawaii as part of the KH6LC team for the ARRL DX Phone contest.

VP6 Ducie. A two-week DXpedition from October 20th to November 3rd, will use call VP6D. It has been ten years since the last DXpedition operated from Ducie Island east of Pitcairn Island in the South Pacific. Look for Arnie **N6HC** #29959 and Gene **K5GS** #15119 as the only 10-10 members of the large group of ops. Several 10-10 members have been to Ducie in the past, so this operation will not be a new country, as some of us have credit for Ducie.

VP8 Falkland Islands. Bob **VP8LP** #8854, will be with Janet VP8AIB from the Historic Dockyard Museum in Stanley using call VP8HDM on June 16-17th. They will use FT8 and SSB. Info: www.qrz.com/db/VP8HDM .

XV Vietnam. Mats **SM6LRR** #34451 now has callsign RM2D and will be going into Vietnam from November 19th to December 1st. Look for him in the DX CW contest from November 24-25th. He operates SSB, CW and digital modes on HF. LoTW or QSL to SM6LRR.

Z3 Zimbabwe. A DXpedition into Zimbabwe by team leader Antonio **IZ8CCW** #70101, will take place from October 26th to November 6th. The callsign will be Z23MD and expect about twenty ops to be on the air with five rigs. The website is: <http://www.MDXC.org/Z23MD> .

ZF Cayman Islands. Frank **K3TRM** #69974, will be on the air with call ZF2RM in June from Cayman Brac on HF. He likes CW, SSB and RTTY into a G5RV antenna. LoTW.

Larry K8HTC #63683 will be using call ZF2LT from June 18- 24th on Grand Cayman. He likes to collect QSL cards.

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 66-94 during the Summer of 2018. The Summer Soltus is on June 21st, when HF propagation shifts to a north/south path.

Our solar cycle #24, has been the weakest solar cycle in more than 100 years, with the peak in February 2014 at 170.3. Cycle #24, is slowly going through the solar minimum phase until we begin cycle #25, probably in 14-18 months. The natural cycle of the sun is 11 years and we are now nine plus years into cycle #24. I expect cycle #25 could start by the end of next year. Some US agencies predict that cycle #25 may start early, so stand by.

The max solar flux for each month of 2018: Jan 71, 79, 70, 77, May 77.

The minimum flux for the same period 2018: Jan 68, 67, 67, 66, May 67. **Note: Only a 3-point difference between the high and low occurred in January and March 2018!**

On June 1st, the solar flux was 77, the A index was 12 and K index 3.

There were very few solar flares this winter and the solar flux high for last winter was 21 points lower than the May 2016 high of 123.

My Prediction: Over the next three months, the best conditions: June 24-27th, July 20-23rd, August 17-20th. For USA, expect a slight 5% chance of DX to Europe or Asia with a 20-25% chance of DX to South America and the S. Pacific, later in the day. Listen to the beacons from 28.175-28.300 for path information.

One 10-10 DX member joined from March to May 2018: March: 77610 F8BJE; **April:** None; **May:** None

Thanks to the QRZ-DX, 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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Net Report

Bob Farrow, N6OPR
(#45715)

Net Reports for First Quarter 2018

MONDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
1-Jan	2	0	1-Jan	2	0
8-Jan	2	0	8-Jan	8	0
15-Jan	2	0	15-Jan	9	0
22-Jan	2	0	22-Jan	9	0
29-Jan	2	0	29-Jan	11	0
5-Feb	2	0	5-Feb	6	0
12-Feb	5	1	12-Feb	11	1
19-Feb	2	0	19-Feb	10	0
26-Feb	2	0	26-Feb	9	0
5-Mar	2	0	5-Mar	5	0
12-Mar	2	0	12-Mar	14	1
19-Mar	2	0	19-Mar	10	0
26-Mar	5	0	26-Mar	9	0

TUESDAY NETS

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

WEDNESDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
3-Jan	7	0	3-Jan	4	0
10-Jan	7	0	10-Jan	5	0
17-Jan	6	0	17-Jan	2	0
24-Jan	5	0	24-Jan	4	0
31-Jan	5	0	31-Jan	4	0
7-Feb	5	0	7-Feb	5	0
14-Feb	4	0	14-Feb	6	0
21-Feb	4	0	21-Feb	5	0
28-Feb	3	0	28-Feb	5	0
7-Mar	6	0	7-Mar	2	0
14-Mar	3	0	14-Mar	6	0
21-Mar	8	1	21-Mar	3	0
28-Mar	5	0	28-Mar	5	0

THURSDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
4-Jan	5	0	4-Jan	2	0
11-Jan	6	0	11-Jan	2	0
18-Jan	8	1	18-Jan	2	0
25-Jan	5	11	25-Jan	2	0
1-Feb	5	0	1-Feb	2	0
8-Feb	6	0	8-Feb	2	0
15-Feb	5	0	15-Feb	3	1
22-Feb	5	1	22-Feb	2	0
1-Mar	2	0	1-Mar	4	2
8-Mar	5	0	8-Mar	3	1
15-Mar	5	0	15-Mar	2	0
22-Mar	4	0	22-Mar	3	1
29-Mar	5	0	29-Mar	4	2

FRIDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
5-Jan	2	0	5-Jan	X	X
12-Jan	2	0	12-Jan	X	X
19-Jan	6	0	19-Jan	6	0
26-Jan	2	0	26-Jan	8	0
2-Feb	2	0	2-Feb	7	0
9-Feb	2	0	9-Feb	9	0
16-Feb	2	0	16-Feb	10	0
23-Feb	2	0	23-Feb	X	X
2-Mar	2	0	2-Mar	8	0
9-Mar	2	0	9-Mar	8	0

FRIDAY NETS (cont.)

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
16-Mar	2	0	16-Mar	9	0
23-Mar	5	0	23-Mar	X	X
30-Mar	2	0	30-Mar	X	X

SATURDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
6-Jan	2	0	6-Jan	X	X
13-Jan	2	0	13-Jan	X	X
20-Jan	2	0	20-Jan	X	X
27-Jan	2	0	27-Jan	X	X
3-Feb	2	0	3-Feb	X	X
10-Feb	2	0	10-Feb	X	X
17-Feb	2	0	17-Feb	X	X
24-Feb	2	0	24-Feb	X	X
3-Mar	2	0	3-Mar	X	X
10-Mar	2	0	10-Mar	X	X
17-Mar	2	0	17-Mar	X	X
24-Mar	2	0	24-Mar	X	X
31-Mar	2	0	31-Mar	X	X

X= no net called

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)	Open. Contact N6OPR for info		
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)	Bob, K6DNR	#75386	CA
Sat (28.380)	Dan KC8IM	#31959	MI
Sat (28.800)	Mike, KF4WKY	#70191	NC

Sunday **NEVER ON SUNDAY**

REPORT FOR THE 10-10 INTERNATIONAL CLUB STATION W6OI

W6OI continues to be on the air for the most 10-10 QSO parties. Band has been very unfavorable here in central US.

Checked my logs over past year and was surprised that I actually did make some contacts on 10. August 2017 made a few PSK and SSB contacts only south of my location – Texas! In December 2017 did experiment with FT-8 and made a few contacts but they were all non-members. FT-8 should be fine for 10 meters with the full exchange of name, location and 10-10 number. Also made a couple CW contacts in December 2017. NO contacts in 2018! Ouch.

I'm suggesting more folks get out there and at least promote 10-10 with FT-8. I know FT-8 is not the old favorite of SSB or CW, but got to try something as propagation drifts lower! Here is a possible 10-10 contact exchange (length of call could be a challenge with the 13 character limit):

N9AC CALLS CQ: CQ 1010 N9AC
 N0TW RESPONDS: N9AC N0TW CPY
 N9AC RESPONDS: 61453WIJERRY?
 N0TW RESPONDS: 36547FLTerry?
 N9AC RESPONDS: N0TW N9AC R73
 N0TW RESPONDS: N9AC N0TW R73

A great FT-8 operating guide can be found at: http://www.physics.princeton.edu/pulsar/K1JT/FT8_Operating_Tips.pdf

My setup is pretty simple. Using a Yaesu FT857 with a data cable plugged into back of rig and ends with two 1/8 inch phono plugs that I added. See photo. Phono plugs go into a Sabrent phono to USB adapter. You can find these adapters on eBay fairly cheap. Running WJST-x software, which is free off the web. And that's it! I also use a Kenwood TS-480 which uses the same cable connections.

A suggestion I'd like to make is that let's all go to 10-meters (28074) every Saturday morning at around 1600Z, and try to make 1010 contacts. Just make a call like you would do on any other mode "CQ 1010 and call sign"! I am open to any times or other days but folks give it a try. There were lots of stations on FT-8 this past Saturday (May 12th), and I even made one 1010 contact.

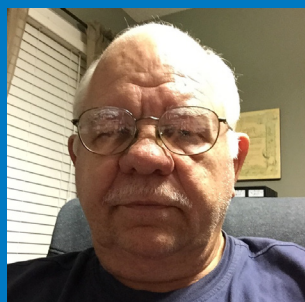
I'm happy to report that I had another volunteer to operate using the club call W6OI! Bob, K7QXG operated during a Special Event for the Oregon Chapter back in April 2018. He made about a dozen contacts mostly with 10-10 members, but only local! Band has not been favorable for those in the northwest either!



Paper chasers working W6OI can request list from Jerry, N9AC. It is available in ML format or just plain text. Catch ya on the band soon.

73's Jerry, N9AC

**10-10 Has Two Official Daily Nets
 28.380 and 28.800
 Both Run At 1800z
 Every Day Except Sunday
 There is also a CW Net on 28.125 MHz
 starting at 1800z on Saturdays
 Listen And If You Can Hear Us Join IN!!!**



QSO Parties

Dan Morris, KZ3T
(#41015)

2018 SPRING DIG QSO PARTY

Apr 28 - 29

TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N4ZCG	56067	16	6	38
2. KM4ODS	77504	15	1	31
3. KJ4RV	37776	14	1	29
4. N4ERM	34524	13	1	27
4. AK4YS	75328	13	1	27
5. KJ4OFD	75796	11	1	23
6. KK4MCY	77124	10	1	21
6. K4FET	77603	10	1	21
7. N3GTY	50585	9	0	18
8. WA2HMM	40510	4	2	10

CALL AREA ORDER

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	4	2	10
W2VTV	71275	2	0	4

CALL AREA 3

CALL	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	0	1	1

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	16	6	38
KM4ODS	77504	15	1	31
KJ4RV	37776	14	1	29
N4ERM	34524	13	1	27
AK4YS	75328	13	1	27
KJ4OFD	75796	11	1	23
KK4MCY	77124	10	1	21
K4FET	77603	10	1	21
N3GTY	50585	9	0	18
KI4EZL	74359	4	0	8
KK4AMR	76031	3	0	6

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
KD5DE	33513	4	0	8

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ4RV	37776	14	1	29
KI4EZL	74359	4	0	8

COUNTRY ENTRIES

NETHERLANDS

CALL	10-10#	CTX W	CTX WO	TOTAL
PA2NJC	30903	0	4	4

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	16	6	38
KM4ODS	77504	15	1	31
N4ERM	34524	13	1	27
AK4YS	75328	13	1	27
KJ4OFD	75796	11	1	23
KK4MCY	77124	10	1	21

K4FET	77603	10	1	21
N3GTY	50585	9	0	18
WA2HMM	40510	4	2	10
KD5DE	33513	4	0	8
KK4AMR	76031	3	0	6
PA2NJC	30903	0	4	4
W2VTV	71275	2	0	4
WA3GM	46927	0	1	1

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
POSSUM TROT	11	261
STEAMBOAT	2	16

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
K4MN	24874	9	0	18	N3GTY
W5RRV	42114	4	0	8	KD5DE

2018 SPRING CW QSO PARTY**May 6 - 7****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. KJ4RV	37776	23	2	48
2. N4ZCG	56067	18	1	37
3. HP1RIS	75617	10	14	34
4. N4ERM	34524	16	1	33
5. N0TW	36547	12	7	31
5. N3GTY	50585	15	1	31
6. KN4Y	17757	13	4	30
7. KM4ODS	77504	12	2	26
8. KU4W	20986	10	1	21
9. AK4YS	75328	10	0	20

CALL AREA ORDER**CALL AREA 1**

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	2	0	4
NM1W	41721	1	0	2

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2JSG	9712	2	1	5

CALL AREA 3

CALL	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	0	1	1

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ4RV	37776	23	2	48
N4ZCG	56067	18	1	37
N4ERM	34524	16	1	33
N0TW	36547	12	7	31
N3GTY	50585	15	1	31
KN4Y	17757	13	4	30
KM4ODS	77504	12	2	26
KU4W	20986	10	1	21
AK4YS	75328	10	0	20
KJ4OFD	75796	9	0	18
K4FET	77603	8	0	16
W1LIC	46677	2	6	10
K4BAI	45389	1	0	2
KI4EZL	74359	1	0	2

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
KD5DE	33513	8	0	16

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
WB6OJB	70675	4	1	9

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
KR7RK	63324	2	7	11

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ4RV	37776	23	2	48
AK4YS	75328	10	0	20
KI4EZL	74359	1	0	2

COUNTRY ENTRIES**PANAMA**

CALL	10-10#	CTX W	CTX WO	TOTAL
HP1RIS	75617	10	14	34

HIGH POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
HP1RIS	75617	10	14	34
N0TW	36547	12	7	31
WB6OJB	70675	4	1	9
WA2JSG	9712	2	1	5
K4BAI	45389	1	0	2

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ZCG	56067	18	1	37
N4ERM	34524	16	1	33
N3GTY	50585	15	1	31
KN4Y	17757	13	4	30
KM4ODS	77504	12	2	26
KU4W	20986	10	1	21
KJ4OFD	75796	9	0	18
KD5DE	33513	8	0	16

K4FET	77603	8	0	16
KR7RK	63324	2	7	11
W1LIC	46677	2	6	10
N1API	25468	2	0	4
NM1W	41721	1	0	2
WA3GM	46927	0	1	1

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
POSSUM TROT	11	283
STEAMBOAT	2	32

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
K4MN	24874	15	1	31	N3GTY
W5RRV	42114	8	0	16	KD5DE
W1NRG	29650	2	0	4	N1API

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
HP1AC	10107	11	1	23	0
N6GP	21149	1	1	3	0

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.

ELECTION TIME LINE

- ☒ Call for Nominations will be printed in the April 2018 edition of the 10-10 NEWS.
- ☒ 1 May 2018 - Candidates must have names and bios to Nominating Committee.
- ☒ 1 June 2018 - Nominating Committee will develop slate of candidates and notify members who applied but were not selected.
- ☒ 15 June 2018 - Deadline for Petitions for Candidacy to Secretary.
- ☐ 1 January 2019 - New officers take office.
- ☐ New officers identified in January 2019 edition of the 10-10 NEWS.

As all open positions have one candidate running unopposed, there will not be a ballot for voting.



Mel Sokja
KD5DE #33513

I seek a third term as President. Left office due to my wife's health, she passed in October 2016 and I desire to return to office. I have been a Life Member since 1987 and have always supported Ten-Ten in every way possible. I have been the Certificate Manager of the Steamboat Chapter since 1985, organized and hosted the first Ten-Ten convention in 1987, served as Digital Awards Manager since 2006, redesigned and relocated the Ten-Ten Website in 2008, and served as Director 2009 – 2010 with the responsibility of maintaining the web site, and

all INTERNET related services.

My primary priority during my first term was to put all programs necessary to maintain the organization on the website. Also create a system that was not dependent on one member for the organization to operate. Success was a bit limited having to replace the Editor, Printer, and Secretary all within the first year. The continued effort to obtain a new Data Manager, and have all the resources on line to allow him to function was another pressing matter. In addition, we now have a membership category that is not affected by postal rates. Electronic delivery is the future of organization publications, and I am currently working to improve the current method.



Greg Malone
WA3GM #46927

I am seeking the position of Vice President for the 10-10 International Net. I am currently a DIRECTOR in the ten-ten organization. I attend the Orlando Hamcation every year and work the 10-10 booth and usually Dayton every other year depending on family commitments.

I have been a member of 10-10 since 1987, almost 31 years, ever since I was licensed. Ten-Ten is and always has been a great organization with friendly people who always made one feel welcome especially new comers as they did to me when I first became a ham.

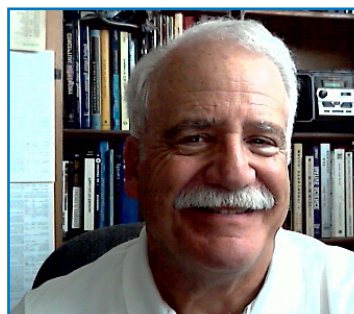
I am a member of many chapters and use to do a lot of Paper Chasing with 10-10 back in the day and made many great acquaintances. I participate in all 10-10 Contest no matter what the mode and enjoy the fun of contesting. I continually promote the use of 10 meters and the 10-10 organization in most of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

I am 65 years of age. I spent 12 years in the PA Army National Guard attaining the rank of SFC and that of acting First Sergeant before my retirement. My

early career was spent as a Disc Jockey/Newsman back in the early 1970's. I then entered the call for Uncle Sam at Ft. Dix, NJ. After the service I spent the next 40 years as a Police Sgt where I served in various departments and units to include Highway Safety, S.W.A.T., Patrol, Detectives and finally retired 4 years ago as the Departments Administrative Staff Sergeant.

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

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



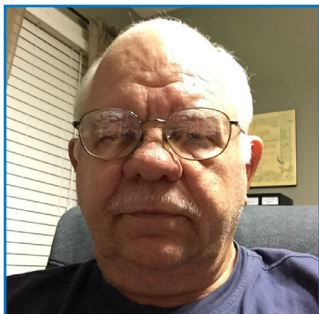
Marcus Lieberman
KM5EH #71103

I was first licensed in 1996 and joined 10-10 soon after that. I grew up in Chicago and during the 1950's built some radios, learned CW, but never met a ham or I would have joined QCWA by now. After I moved to Albuquerque in 1995, two friends disclosed they were ham radio operators and urged me to get my license since I had a science background and loved to talk. My work over 40 years involved teaching and applying statistics, both in research and educational evaluation, so putting numbers in boxes was second nature to me and paper chasing was a natural activity.

In Albuquerque, I worked out of my home, so my office was also my shack and the radio was on most of the day. It helped me to be very active in 10-10 clubs, so much so that I started a local 10-10 club, the New Mexico Mud Ducks, NM5MD, (#72385) and the club now has over 400 members all over the world. I also wanted to give something back to this organization that had given me so much pleasure, so when the OM/XYL manager position opened up, I grabbed for it and was given the title.

I always talk up 10-10 at local ham gatherings and have had a forum presentation several times at our state ham conventions. I will continue to promote use of the ten meter band including other modes than voice, e.g., PSK and CW. I try to set a good example as an operator and encourage others to do the same.

If I am elected to the Board as a Director, I would like to voice concerns of the members about changes in policy or operating they feel strongly about. Again, it would be my wish to give back even more to the organization that has given me so many terrific experiences.



Dan Morris
KC3T #41015

I have been a member of Ten-Ten since 1986 and am currently a Life Member. I hold the 100-900 Bars Manager and QSO Party Manager positions. I believe my experience in Ten-Ten for the last 32 years and having been through the ups and downs of great band conditions and terrible band conditions will only enhance my position as a Director of Ten-Ten.

Right now with 10 meter band conditions being what they are, we need to try and mentor the newer members joining Ten-Ten on all the different facets that Ten-Ten has to offer. Ten-Ten is not just

being a member of another organization. There is much more we have to offer.

There are way too many members who have joined Ten-Ten for 1 year or 3 years and have not renewed their membership. We need to try and come up with different ways/approaches to entice our membership to stay current with their dues and draw new members to our organization from around the world.

I feel that having been Bars Manager for 20 years and QSO Party Manager for 11 years and working with past presidents/directors will only help me as a Director for Ten-Ten.

I currently provide the QSO Party Schedule dates to various organizations world-wide that publish our QSO Party Schedule. This only enhances our profile and show we are truly "international." We should possibly consider submitting articles about the Ten-Ten organization to different entities, not only in the US but world-wide to get more exposure and possibly draw more members. Maybe every month or every quarter we should publish a list of new members on the 10-10 email list service, in the 10-10 NEWS and any other publication we can submit to. Let the world know who we are and we are truly an "international" organization.



Thomas Trissell
KC5ILO #72239

I am seeking the position of Director with 10-10 International. I have been a member for over 15 years and a Life Member for much of that time.

I am a 2nd generation Aerial Applicator, so I started flying young, starting in J-3 Cubs and Cessna 150s. My first radio license was the Restricted Radiotelephone Operator Permit needed to use the aircraft radios at that time. My next license was for CB radio, received if just before they quit issuing them. Although I was around several Hams, work seemed to

always be the priority. Later, working nights at the airlines, finally got the bug again and got started with the Technician license, then moving up after the Morris Code requirement was dropped, hard to listed to code after listening to those radial engines for so long. With my love of computers, working Digital was a natural thing to do. Work got in the way again for several years, but now looking to get involved again and support the Club as a volunteer and get on the air and try to live up to the motto.. You have to make contacts to get results.



1963 Massey Ferguson Model 1010 tractor. Rick (WH6LU, #65878) found this interesting 10-10 reference.

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. wj5o@amsat.org

73 Bill WJ5O

IARU Region 2 HF Beacon Coordinator

<http://www.qsl.net/wj5o/bcn.htm>

WINTER PHONE CONTEST REPORT

Hello all the GREAT 10-10 folks out there !!!! Just a note here about the winter phone contest on 2, 3, and 4, 2018. We did the contest from the N4SVC Suwannee amateur radio clubhouse #75836 SARC starting at 19:00 local time Friday night. The 10-meter band was as they say, dead as a door nail !!!



10-Meter Vertical and Yagi at N4SVC Clubhouse

We worked a few hours with no luck so left and came back Saturday morning with still no luck until lunchtime when we had a local groundwave contact with Gerald AA5DK #44823 a low number. The radio was manned by myself KD4AMP #59739 Jon and W4NQP Bill NN. Then about noon time a signal came blasting in from WA2WAP Dave NN in NY, then VA2PEQ Mike NN in Quebec then N2PEQ JR in NY, as luck has it no numbers but at least the band is opening up!! Not hardly, it was back dead again after about 20 minutes!! Then low and behold by the blessing of the 10 meter God contact with our fearless leader N0TW Terry 36547 and club W4UCJ 75257! How lucky can we get!!! Then it's back to quiet for an hour then we get a few ground wave contacts with no numbers then it's back to nothing the rest of the day and evening. Sunday morning brings the same until about noon when a signal comes blasting in from Texas!! N5MT Mike #24949, another low number then K0NM Nizar from Texas #75901 and club station NM5H #68588 Texas!!! Then W9AQL Ed #60273 comes blasting in from IL. Then an hour later N5XZ Al in Texas #4530 a sure enough low number, hats off to a 10-10 member this long!!!! Then four hours



Jon KD4AMP #59739

later another ground wave contact WA4HHC Gary FL #12217 another low number!!!! And that was it!! The remaining few hours was Quiet!!!! Then it was over!!



Bill W4NQP

It was a fun time, even with the few contacts, when the distance contacts did come they were 5/9 plus but they were few and far between!!!! Bill and I enjoyed the event and look forward to the next 10-10 event!!!!!!!!!!

73, God Bless and hope to catch u on the air!! 10-10, let's do it again!!!!

Jon KD4AMP #59739

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 2018

AD4RX, Roger.....	Director/Publications Manager	KZ3T, Dan.....	QSO Party & Awards Manager
AJ7B, Randy.....	Newsletter Editor	N0KDB, Ruth.....	SK Manager - Retired
G4BLH, Mike.....	Awards – GB	N0TW, Terry.....	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.....	Secretary, Awards WAC
KA0ZPP, Jim.....	Director/Chapter Coordinator	VE7SSJ, Garry.....	Committee Member
KA5VVD, Bob.....	Committee Member	VE3MEW, Bill.....	Committee Member
KC1BTA, Jason.....	Scout Award Manager	W4MAA, Bobby.....	Committee Member
KC8IM, Dan.....	Net Control	W5DJT, David.....	Committee Member
KD5DE, Mel.....	Past President	W9HT, Joshua.....	Vice President
KD6FEC, Rex.....	Scout Certificage Manger	WA2SUH, Larry.....	Scholarship Manager
KE1HG, Charles.....	Committee Member	WA3GM, Greg.....	Director
KF4WKY, Mike.....	Net Control	WB0CON, Eva.....	Awards – WAS
KI6OY, Lee.....	Awards – CW	WB6OJB, Arnold.....	Net Control
KM5EH, Marcus.....	Director/Awards Manager	WB9WZI, Alan.....	Net Control
KM5FF, Eddie.....	Awards – WPX	WI9X, Jim.....	QSL Bureau Manager
KQ4PK, Robert.....	Net Control	WN4AMO, Paul.....	Director/Publicity
KR7RK, Keith.....	Treasurer		

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

THE AMATEURS CODE

by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

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

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

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

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

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

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

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.	11200	DL8YBM	36109
5.	10600	N1API	25468
6.	10000	K6PZE	1341
7.	9800	N5DAS	35877
8.	8800	AC6FU	10937
9.	8200	K5FBS	48461
10.	8100	WB3FGU	16728
11.	8100	N6OPR	45715

TOP TEN CLUB

No.	CONTACTS	CALL	10-10#
1.	10100	WD0SFT	37933
2.	4400	K6MQ	K6MQ
3.	3300	DL0X	DL0X
4.	2100	W8PGW	W8PGW
5.	1800	W1NRG	W1NRG
6.	1200	NM5MD	NM5MD
7.	1100	W4MNM	W4MNM

1000+ MILESTONE BARS

1000 BAR

NO.	CALL	10-10#
1579	WA2HMM	40510

CW AWARDS

BASIC AWARD - 25 CONTACTS

NO.	CALL	10-10#
100	F8BJE	77610

DIGITAL AWARDS

400 CONTACTS

NO.	CALL	10-10#
10	WA2HMM	40510



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	3518 Bellefontaine St. Houston, TX 77025-1310	(713) 668-8408	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@lobo.net
WAS	Eva Donaldson, WB0CON #53964	12933 W Montana Drive, Lakewood, CO 80228-4244	(303) 989-0475	wb0con@comcast.net
WPX	Ed Bryant, KM5FF, #50356	9001 Sunbow Ave SW, Albuquerque, NM 87121-8851	(505) 934-2100	elbble@gmail.com
GB Counties ..	Mike Crawshaw, G4BLH #18446	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





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
05015	W2FUJ	David W. Seely - Big Flats, NY
05075	W7KSG	J. Allen Call - Salt Lake City, UT
07578	K1WVX	William Paul Wing - Suffield, CT
07904	WA3LVU	Douglas L. Hunter - Altoona, PA
09200	KE4S	Hobert Wise - Salisbury, NC
13173	WB3AAL	Ronald J. Polityka - Reading, PA
19683	WB6TOM	Warren Smith, Jr. - Boonville, MO
19912	W4KBZ	Frank J. Blaylock - Baltimore, MD
22440	WB3HYX	Richard P. Hafer - Williamsport, PA
22557	K0IIS	Russell M. Bixby - Davenport, IL
29172	KA4IMZ	Charles R. Hall - Hampton, VA
33306	KE2EA	John P. Bretz - Hornell, NY
35732	W4YAB	Everett A. Hord - Cherryville, NC
36567	KE8JY	Keith J. Metty - Ypsilanti, MI
40316	KD8XD	Julius J. Erdos - Canton, OH
51226	N1CGH	Stephen P. Anderson - Andover, MA
57199	KB5MRT	Rick Mullaney - El Reno, OK
59931	W7NCP	Walter M. Rozelle - Lewiston, ID
62749	AA2QR	James L. De Groat - Poughkeepsie, NY
67715	K4OC	Samuel M. Cederas - Clayton, NC
68783	KI8I	Gordon Brainard - Hamilton, OH
69821	P43E	Emily Thiel - Oranjestad,
73002	KE3MN	Robert H. Palmer - Honey Brook, PA
76325	K6MMU	Richard A. Pierson - Auburn, CA
01956	W8AAX	Kenneth A. Kruger - Lansing, MI
02518	W0FH	Frank C. Meduna - Hastings, MN
05237	W9NI	Raymond C. Anderson - Lockport, IL
06224	WA7SRZ	James A. Rockey - Lynnwood, WA
07217	K3DI	Richard L. Wilder - Mitchellville, MD
07833	K3QLX	Gilbert F. Lomax Sr. - Bryn Mawr, PA
08329	AA5Y	Thomas Lay - Friendswood, TX
09087	YV5MM	Manuel Mosquera Ramirez - Caracas,
09141	W5UKS	Jerry L. Culver - Fort Worth, TX
11572	W5GVP	Thomas E. Little, Jr. - Arlington, TX
12332	WA6WZN	Sandra M. Heyn - Costa Mesa, CA
12468	WB4FYU	Linda M. Wright - Dunedin, FL
12935	W0NXI	George W. Bucks - Corona, CA
14851	K9JE	Jack R. Ekstrom - North Aurora, IL

10-10#	Call	Name - City, State
16283	WB8ZUW	John H. Bauer, Jr. - Springfield, OH
18181	N1PZ	Philip A. Zimmermann - Ayer, MA
21201	KB6O	Burton E. Swanson - Bullhead City, AZ
22312	K9TI	Kenneth R. Simpson - Mt. Carroll, IL
23332	AI6Y	Henry Vierra Menezes - Santa Cruz, CA
23693	WD5EDR	William E. Heberling - San Antonio, TX
23721	WA2MBZ	Robert D. Howell - Fair Haven, NY
24019	WD8BNG	Jack B. McKirgan II - Washington Court House, OH
27645	W2MZ	Abe Wilk - West Babylon, NY
28757	KB3WM	William F. Ochs - Ruscombmanor, PA
28850	W6PRL	Daniel C. Fogard - Grass Valley, CA
28945	WB0KTZ	Gilbert H. Hoellerich - Raleigh, NC
31337	WA1JF	Joseph E. Ferrero - Haverhill, MA
33211	K4ETB	Betty S. Thompson - Williston, SC
33418	K1BBQ	Gerald S. Blanchard, Sr. - Manchester, NH
33837	W3QN	Harold P. Hollenbach - Harrisburg, PA
34002	KC8OU	Richard J. Dager - Fortuna, OH
36539	N8EBK	Patricia A. Harris - Mansfield, OH
37219	KD5WS	James R. Lane - Kerrville, TX
37723	AA4JH	James E. Holt - Nashville, TN
38883	KJ4NN	Ronnie Wilson - Simpsonville, KY
43919	KB2DYB	Dennis D. Cinclini - Valatie, NY
44062	KA8VPL	Steve J. Radonich - Akron, OH
45587	K9XE	Ray F. Boehmer - Urbana, IL
48095	KA3TQQ	Donald E. Skinner - Lakeland, FL
49766	K2SMB	Samuel M. Bennett - Millville, NJ
52171	KB5BZT	Kenneth L. Elliot - San Antonio, TX
53310	W1NQU	Arnold T. Paulsen - Fitchburg, MA
57046	WB4HHO	Clarence B. Gullede - Birmingham, AL
58112	K2LUQ	Richard E. Dryack - Staten Island, NY
58356	WD4CCA	Julian W. Taylor - Stone Mountain, GA
58669	WA9BA	William L. Anderson - Galva, IL
60188	K1TG	Roger W. Kuchera - Naugatuck, CT
63943	N1MCT	James Sturgeon - Orrington, ME
64062	AA9MV	Ronald L. Blakely - Muncie, IN
65769	KB7UZN	Donn A. Bate - Rigby, ID
66871	WA9JMO	Larry McCalvy - Racine, WI
66922	N4HUL	Burton A. Thomas - Albany, GA
68102	W3AWU	Alfred J. Cammarata - Fairfax, VA
68310	KI0II	Ronnie L. Zoerb - Highlands Ranch, CO
69070	KK5NU	John W. Moore - Houston, TX
74132	KC5TA	Charlotte T. Arnold - Plano, TX
74794	K4GDW	Bryan K. Johns - Wetumpka, AL
75217	W6VNR	Joseph F. Hypnarowski - San Diego, CA

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

Mark 73, KD2MON #77596

The Simplest 3-Element Yagi?

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.

In a past episode, I describes one of the simplest 2-element Yagis I have encountered. For those who would like a little more gain and a better front-to-back ratio, I want to describe a simple 3-element Yagi. Like the other beam, this one comes from Bill Orr, W6SAI (SK), from his column in Ham Radio for May, 1990.

This beam has two essential items for the casual home builder. First, the antenna has a 50-ohm feedpoint impedance with a wide SWR bandwidth. In fact, the SWR stats below 1.4:1 up and beyond 29 MHz when the antenna is modeled for 28.5 MHz. Second, the characteristics (gain, front-to-back ratio) are almost constant for the entire first MHz of 10 meters. The gain ranges from 12.3 to 12.5 dBi, while the front-to-back ratio remains better than 18 dB across the band. Figure 1 is an azimuth plot of the antenna taken every quarter MHz from 28 to 29 MHz at a 35' height. The differences from one line to another are too small to make any difference at all.

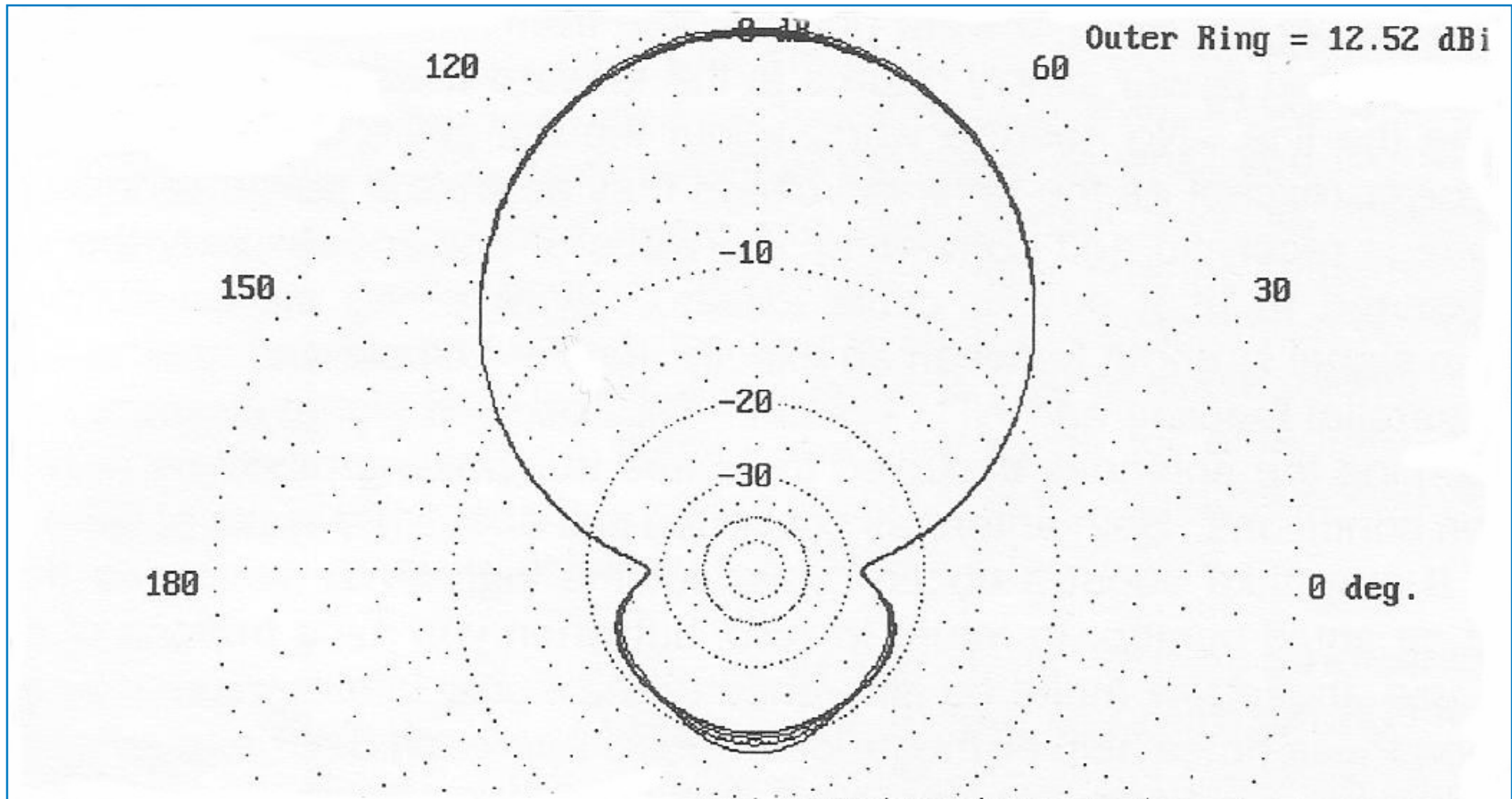


Figure 1. 28-29 MHz Frequency Sweep on 3-element Yagi

For these benefits, there is a price to pay: lower gain. From a 3-element Yagi on a 12' boom, one can squeeze out another dB of forward gain and improve the front-to-back ratio by a couple more dB. However, these beams have two disadvantages for the home builder. First, they have a narrower bandwidth where these properties show up. Beyond certain frequency limits, the pattern begins to deteriorate. Second, the feedpoint impedance requires a matching network. Although adjusting matching networks can become routine, the process can take the pleasure out of building one's first beam that works.

Let's go ahead and build one of these wide-band specials. First, we need some dimensions. Figure 2 supplies the data.

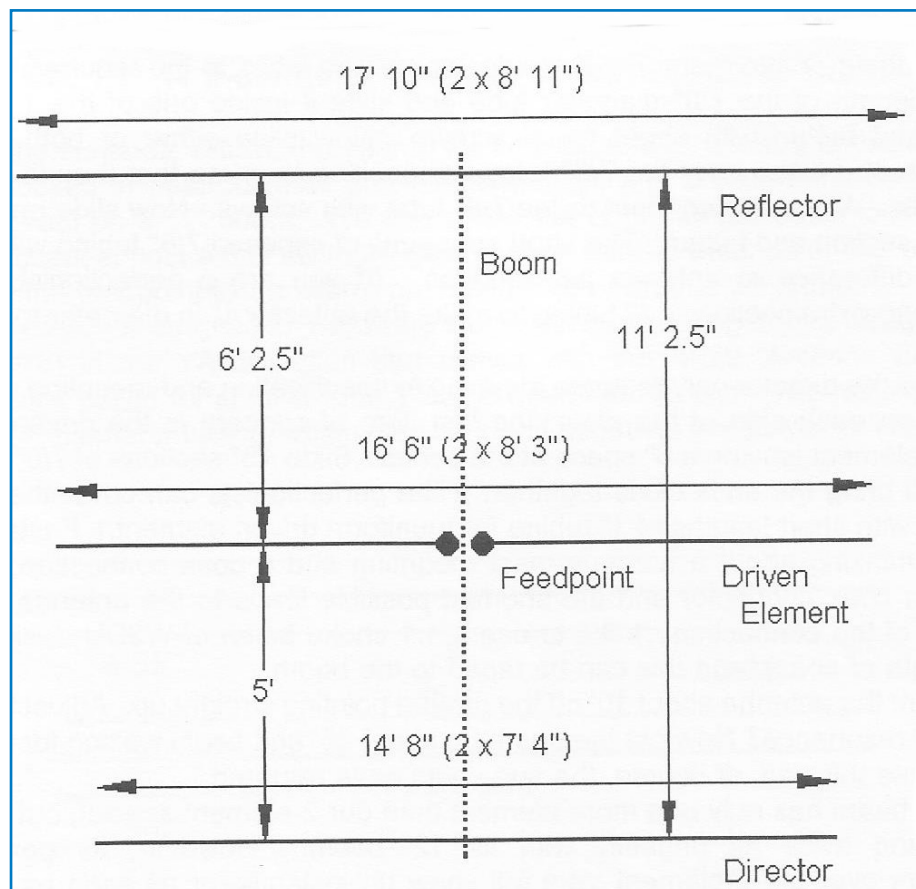


Figure 2. 3-Element Wide-Band Yagi Dimensions

For 10-meters and simple installations, hardware store tubing is convenient and accessible. 1" aluminum tubing comes in 8' sections at most hardware depots. You will need 6 pieces, plus shorter length of 7/8" tubing. You will also need a boom 12' long. One trick I have used is to take two pieces of 6' long 1.5" diameter aluminum

tubing and lay them end to end. Now take two lengths of 1 3/8" tubing (or 1.25" if the larger tube is not available). Cut one smaller tube size length in half. Slide 3' of the 6' length of the smaller tubing inside one end of the larger tubing and fasten with stainless steel sheet meter screws. Slide the other piece of large tubing over the exposed 3' of smaller tubing, and fasten. Now slide the 3' lengths of the smaller tubing inside each end of the 12' boom, and fasten (but in such a way as not to interfere with the element mounting to come). We now have a 12' boom adequate for this simple beam.

Now make up 3/8" plywood plates about 6" wide and 3' long. Coat them well against the weather. You can taper the pieces outward from the center to save a few ounces of weight. Find stainless steel U-bolts that go around the boom and around the elements. Let the plates go below the boom, and the element go below the plates.

Notice that two of the elements require aluminum pieces that are longer than the twin 8' sections of tubing we bought. Likewise, from the director, we shall cut off short section of tubing. Save them. For the reflector, set the tubes to the required extension. Take a 3' length of the 7/8" diameter tube and slide it inside one of the 1" diameter elements and fasten with sheet metal screws. Now slide either or both pieces of remnant director tubes over the 7/8" tube and position them so that they fit under the inner U-bolts. Again, fasten them to the 7/8" tube with screws. Now slide on the other 8' reflector section and fasten. The short segments of exposed 7/8" tubing will make no significant difference to antenna performance. (If you are a perfectionist, you can purchase one extra section of 1" tubing to make the reflector 1" in diameter for its entire length.)

Since the director only requires trimming to specification and mounting with a pair of U-bolts on each side of the plate, the last item of concern is the driven element. Mount the element leaving a 6" space at the center. Slide 18" sections of 7/8" into each 1" tube and bring the ends close together. (The perfectionists can cover the exposed 7/8" tubing with short lengths of 1" tubing for a uniform driven element.) Fasten loosely and begin thinking about a boom-to-mast mounting and a coax connection. A small plate with a coax connector and the shortest possible leads to the antenna elements takes care of the connection. I like to use a 1:1 choke balun of W2DU design (ferrite over a length of coax), and this can be taped to the boom.

Mount the antenna about 10' off the ground pointing straight up. Adjust the driven element for resonance. Now get the beam up about 35' and begin waiting for sunspots. (Since I wrote this line, of course, the sun spots have returned.)

This beam has only one more element that our 2-element special, but it is twice as large and twice as ungainly with its 12' boom. However, its performance improvement over the 2-element Yagi will show up instantly – or as soon as there are some folks to work. You will notice the effects of the added gain and front-to-back ratio on your local net. The bill will come to about \$75 or so, which is not bad, if you have priced commercial beams lately.

There are 3-element beams with higher performance figures, but none any simpler to build than this wide-band special.

TEN METERS AND FT8

Ten meters has been opening in the North East, United States, Long Island, New York. I have been working many USA, Canada, South America, and European stations using FT8.

I also notice that lots of Ten-Ten members don't know how to work FT8 for a 10-10 QSO. It also seems many folks are still under the WRONG conception that an official 10-10 contact can't be accomplished using FT8.

The simple answer is, YES it can; using "TX Macros". Even if you don't use the "2" tab, by using "Tx5"; you can insert the required 10-10 information.

Check the January issue of the "TEN-TEN INTERNATIONAL NEWS", page 15.

CQ, 10X de WA2HMM (28.074 MHz)

73, Charlie, WA2HMM, #40510

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 November, the Foundation Board voted to guarantee the funding for five \$2000 scholarships to be awarded in 2018. 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 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 have an employer matching program, please let us know.

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 27 or send your check to me or the Data Manager. Our addresses can be found on Page 26.

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

Platinum (\$1000 or more)

None

Gold (\$500 to \$999)

None

Silver (\$100 to \$499)

W7KD	Robert Shauger	06454
WB6OJB	Dr. Arnold Kalan	70675
KE6GFI	Sheila Schwartz	72985
AA2MA	Mark Morgida	73000
*K2ERD	Taras Sochan	74082
N6SKM	Steve McGrogan	77095

Bronze (Up to \$99)

DL6DK	Peter Voits	39944
KE0MND	Scott Cummings	77622

* Will be matched by employer

10-10 SCHOLARSHIP APPLICANT INFORMATION

Each year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, funds five \$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 five most recent winners are featured in on the 10-10 website. Over the past 30 years, 10-10 has funded 113 scholarships valued at \$137,000.

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

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 off 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 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/Digital operations is max 50 watts and Phone operations is max 150 watts during the entire event.

HIGH POWER: Same as QRP listed above except that output power for CW/Digital operations is max 100 watts and Phone operations is >150 watts for the entire 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.

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 the entrant's score to that chapter. QSO Party scores for the Sprint 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 and/or uploaded to the KJ4IZW contest scorer. 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 - Temporarily Suspended

[NOTE - the special event is suspended until further notice due to band conditions.] This event is held during the 3rd weekend of November each year from 0000 UTC Saturday through 2359 UTC Sunday. 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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