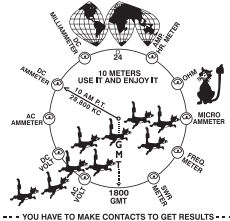


TEN-TEN INTERNATIONAL NET, INC.



TEN-TEN INTERNATIONAL **NEWS**

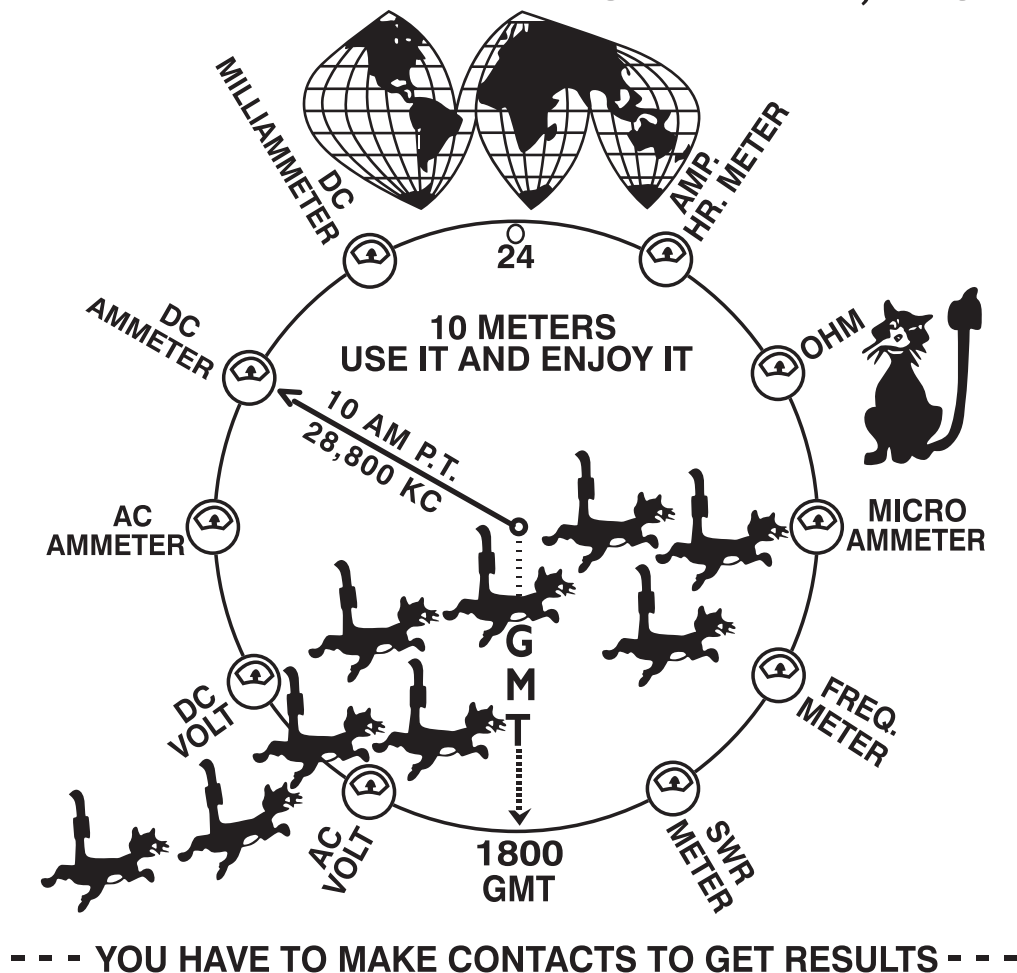


Member
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The Ten-Ten International News

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

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

DEADLINE FOR NEXT ISSUE: 1 June 2016

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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From the Editor

Randy Mather, AJ7B
 (#7675)

In the last issue of this newsletter Dan Morris did a great article on the Ten-Ten International VP Program. I know I learned something by reading it. However, there is still one unanswered question: What does VP stand for if anything. As Dan eluded to in his article, the history information about this program is hard to find. So, I thought I would search one of the biggest database we have on 10-10 information: you, the membership. If any of you have information about the meaning of "VP", please send me an email at editor@ten-ten.org. I will put whatever search results I get in a future issue of the newsletter.

On another note, you will see I have been filling in space with articles that have appeared in previous issues of this newsletter. This is a clear indicator of the lack of articles I get for publication. Yes, you see it in each issue "ARTICLES NEEDED!!!". Another challenge is a picture for the cover of the newsletter. I can always use a picture of a beautiful sunset behind your 25-element beam up on your 100-foot tower. OK. Those are a bit over done in QST. But if you have a picture of club members, or chapter members working one of the 10-10 QSO parties, please send them on to me. Or maybe think about taking a picture when you get together with other 10-10 members for a project or outing. Another suggestion is aimed at those of you who are working on our scouting program. Any stories and pictures related to the Scouts on 10 Award program would fit very well in this newsletter. If there is a scout out there that would like to tell his or her story, drop me an email.

I am only the editor of YOUR newsletter. You too can be an active participant in publishing this newsletter. In fact, I need your help in filling these pages.

73

Randy

editor@ten-ten.org



From the President

Mel Sojka KD5DE
(#33513)

UPPER LEVEL QRM

It appears that the DX glory of this cycle has passed and it is down to seasonal openings. Due to issues here, I was not able to spend a great deal of time on the band. I did get some new countries though, including China. It is time to maintain the ten meter band again. For me this was peak number four and I hope to see number 5. Starting late in life on my second license will make that a challenge. For those of you who are young, the fun has just begun.

Priority item is the upcoming election of Officers and 3 Directors. With 70 becoming the average age of the current officials, we need young folks. Also, considering the fact that several have served many terms, there will be changes made. Health, family, and other obligations eventually come into play in the career of volunteer service. It is critical that we maintain active leadership. Many are not aware that our officers, even though elected, do not receive any compensation for their service. 10 10 is a not-for-profit organization and therefore has only contract services on the payroll. Because we have made wise investments over the past 54 years, we can at least reimburse our officials for expenses. Many other amateur radio organizations do not. Due to drastic postal increases in recent years and other cost increases, we have taken action to reduce the cost of service for our officials. The major reduction was the removal of the board meeting requiring travel, housing and per Diem. It has been replaced with an on-line meeting. We are holding monthly gatherings for discussion and in May or early June will hold an open on-line meeting. Check the web page for the announcement. The monies saved will be used to expand hamfest coverage by our Officials. What does this mean for prospective candidates? First of all, you will not have to travel and can serve from your home. This opens it up to our DX members as well as those that cannot travel. For those still employed, you now have the opportunity to serve. Also those with personal or family issues can now serve. We still need to cover events and that will be a new challenge.

Now that there are really no excuses not to run for office, it is time for you to take the plunge. You are eligible if you have been a current paid member for the last 4 years and are willing to pay your dues for the full term of office. You must contact N0TW for an application at n0twterry@yahoo.com and return it prior

to May 1st 2016. He in return will contact you in response. Also one can petition to be on the ballot. The other side of this coin is voting. Now that voting is done on line as well as by the traditional ballot, there is no reason not to vote. There is no reason why we should not have 3000 plus ballots cast. In this manner you can speak your mind in the voting booth. How much support does the elected candidate have if only 200 vote?

A critical item that directly relates to the growth of 10 10 is the presence of active chapters. The Officials have looked at every aspect of growth and the lack thereof. The one thing that I now consider a contributing factor is loss of local chapters. Prior to 2009 there were times that we had nearly 200 active chapters. However, as the wireless age progressed these began to disappear. Currently there are about 60 affiliated chapters and our growth is simply maintaining what we have. Unlike the band, chapters do not require good solar conditions. In 1987, at the dead bottom of a solar cycle, the local chapter here sponsored the first 10 10 convention. Attendance was outstanding and locally we had 60 very active chapter members. The Thursday evening net normally had 30 locals on board. This was true in every corner of the USA and in many countries. Now I consider the net a success if 5 make it in and even that many is becoming a rare occurrence. This is not true everywhere, but the number of chapters we have lost indicates that this is may be the norm. The exception is found in Germany. Seems our members there still like the chase.

A chapter is easy to create and requirements are not a major problem for most. In the continental US it requires 7 ten-ten members whose dues are current, have a chapter name, a chapter head and hold weekly nets. At a recent hamfest, I suggested to one group from North East Louisiana that since they were all farmers they could create the Purple Hull Pea chapter. They already had a local net by that name. Check it out on the web site under the Chapters tab or contact Jim Fox KA0ZPP ka0zpp10ten@gmail.com.

Over the past 35 years I have heard frequent concerns about club officials making financial gains at the expense of the membership at large. I have heard this about several organizations and 10-10 is not immune. The policy is very well defined. As an official you can only expect to be reimbursed expenses directly encountered in the performance of your duties. When I was doing service work in the field, it was the same. If I spent it, I got it back. Basically, if you are officially representing 10-10 at a hamfest, your travel expenses will be your fuel receipts. Hotel expenses are covered if necessary. There is a daily per Diem rate allowed for the time you are at the event. Beyond that, one would be making a profit in an Amateur Radio related activity. That is in violation of FCC regulations. I know for a fact that our allowances far exceed many other Amateur Radio organizations. I hope that is clear. We have no hidden agendas.

God bless and 73
Mel KD5DE 33513

Ten-Ten Top Operator Award

It is my pleasure to announce our top operators and Net Control for the quarter and the year. 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 Q1 are:

Operator - **W6WQA Tim Watkins #6987**

Net Control - **N6OPR Robert Farrow #45715**

**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!!!**

10-10 TOP OPERATOR AWARD PRESENTATION

Mike Davidson N5MT receives 10-10 Top Operator for 2015 award from Texas DX Society president Bob Hardie W5UQ.



L to R: Mike Davidson N5MT #24949, Al Brier N5XZ #4530, and Bob Hardie W5UQ #74198

First Licensed Before 1992?



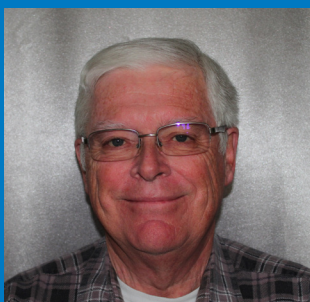
Licensed today?

Then you should join these
distinguished amateurs!

To Join or Renew visit:

www.qcwa.org/join-renew.php

For more information contact
gm@qcwa.org



Chapter Coordinator

Jim Fox, KA0ZPP (#43428)

GENERAL NEWS

I am slowly getting up to speed with my chapter coordinator duties. Thanks to all the CH and CM for your patience and to the committee for their help and suggestions. Note, however, that I will have limited email capability during the month of April this year.

If your chapter is planning a special during the summer months of July, August or September, please let me know so I can include the details in the June newsletter.

Reminder of Quarterly Reports Due: **In Extremis** (no report of activity since 2014 or earlier), will lose affiliation if a report is not received by May 1: Chesapeake Bay, Fort McHenry/Cornerstone/Yodar Kritch, Kentucky Cardinal, Maineiacs, New Mexico Mud Ducks. If you did submit a report in 2015, please send me another copy since it was not in the materials I received from Cliff. **Past Due** (no report received during January/February when due): Bauxite, Castle Craig, Down Under, Gold City, Keystone/Keystone Stars, Oklahoma Route 66, Red River Valley/Steamboat Plus, Sky Blue Waters/Tin Lizzie, Space Coast, Steel City, Twin Cities. Reports received after February 15 (date of this report) are not included here and will be acknowledged in the Chapters section of the 10-10 website.

Chapter Reports Due in Coming Months. March: Branding Iron II, Houston S.H.O.T., Trail Driver; April: Chief Seattle, Major League Baseball, Republic of Texas; May: Neanderthal. Note that Quarterly Chapter Reports may be sent any time. The months indicated here are the dates in 2015 in which the last report was received.

CHAPTER NEWS

Springbok: This chapter has been declared QRT.

Cradle of the Confederacy: The 2016 **Jefferson Davis Birthday Event** will run 0001Z 3 June to 2400Z 9 June, 2016. Contact with any Cradle of Confederacy L or LC is an instant qualifier for a C of C numbered certificate. Call frequency 28.350 MHz. Send QSL info with \$3.00 to Phil Sally K4PO,

7173 Timber Mill Dr., Montgomery AL 36117. Event QSL Card only, send SASE to J. J. Bednarz Sr. N4SOJ, 450 Pike Rd., Pike Rd AL 36064-2246.

Colorado Frontier Gang: Chapter no longer has a website, but still accepts email upgrades.

Chapters that accept email upgrades as of February 15. 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

Branding Iron II/Trail Driver – CM N5SCA, n5sca@sbcglobal.net **

Castle Craig – CM N1API, n1api@cox.net

Chesapeake Bay – CM N3TGB, n3tgb@aol.com

City of Roses – CM K7PRZ, k7prz@isp.com **

Colorado Centennial/Colorado Frontier Gang – CM WB0CON, wb0con@comcast.net

Cradle of the Confederacy – CM K4PO, k4po@charter.net **

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

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

Keystone/Keystone Stars – CM KA6GPC, ka6gpc@aol.com

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

Minuteman/Old Ironsides – CM WA1ENO, wa1eno@hotmail.com

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

New Waterkant – CM DK7LA, dk7la@t-online.de

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

Oregon Trail/Portland 500 – CM W7HO, w7ho@w7ho.com or w7ho@arri.net

Restoration Project – CM VA7SJ, ve7ssj@shaw.ca

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

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

Space Coast – CM K5FBS, k5fbs@yahoo.com

Speedway – CM W7CAR, w7car@arri.net **

Steamboat Plus – CM KD5DE, kd5de@nwla.com

Steel City – CM KE9WZ, ke9wz@windstream.net

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

HEY ELMER, WHY IS HE YELLING AT ME ????

So, you're new to DX'ing and having a blast. Talking to Australia, Japan, countries all over Europe, and amazed that it can be done on so little power. Today you got screamed at by someone just for attempting a contact with a "new one". The screamer called you every name in the book, and just kept saying "up, up, up, you fool". Welcome to the world of the "frequency cop". Not your best friend in most cases, but sometimes can be helpful. He or she will scream at you for not following directions of the DX station. The first rule in successful DX'ing is LISTEN, LISTEN, LISTEN. The DX may give his call and you hear no other station calling him. You think this will be easy pickings, so you call.....that's when the yelling starts. You call again, more yelling. Remember the first rule of DX'ing ????

This particular DX is an amateur operator from someplace in the world that decided to form a group, spend loads of money, and travel to a rare location where radio is seldom, or hardly ever available. The location is therefore referred to as "rare DX". It could have a common name such as the Falkland Islands, or maybe just a few rocks jutting up out of the ocean such as Heard or Conway. Legal government entities, not necessarily countries, but a place to get permission to operate from. With such rare places showing up, you can imagine the crowd of amateurs worldwide on that frequency trying to get the DX station "in the log" for their awards chasing benefits or just for bragging rights. This load of callers is known as "the pileup". The DX must take control of this so makes the decision to work "split". He transmits on one frequency and listens on another (kinda sounds like the Big Bear repeater doesn't it.) Simple enough to think this way.

Let's say the DX is on 21.335 MHz and says he's listening up 5. What he is saying to you is that he is waiting for you to call him on 21.340 MHz. This is up above his frequency by 5 kHz. If you call on 21.335, he cannot hear you at all because he is not listening where he is calling. Following this so far? Now, how do I change my radio so quickly, this will drive me nuts!!!

With some older radios, there is only one VFO. To work split, you would need to be expert at spinning the tuning knob back and forth between the transmit and receive frequencies. Remember, not only is the DX on separate frequencies, but you need to be also. In case your radio is an older one, the best way to work split is to have both a transmitter and a receiver in the shack.

Newer radios have separate VFO's built in. Listen to the DX on VFO-A, tune to the transmit frequency with VFO-B and simply press the button on your radio that says "SPLIT". When you key the mic, you'll see the frequency change to the VFO-A frequency. (WOW, just like keying the mic to get on the repeater !!!,) If you think in those terms, "working split" isn't so complicated any more. Kinda like using an offset.

So, if you decide to try some DX'ing, first remember rule #1, set your radio properly, wipe the sweat off your palms, and then have a blast trying to bust those pileups. Don't forget to brag to your buddies if you work that rare one. Make sure to mention that you didn't have to deal with the "frequency cops". Have fun, see you on the bands. 73

Steve KE6FQC #69047



Jim KA0ZPP #43428 and Robert N6OPR #45715 talked with more than 40 hams about Ten-Ten at the Yuma Hamfest. - February 19 - 20.

TEN-TEN NET GUIDE

As of March 1, 2016

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0300	0400	Chief Seattle	Seattle, WA	28430	WED	0100	0100	Castle Craig	Meriden, CT	28375**
SUN	1300	1400	Arlington	Arlington, VA	29200	WED	0100	0100	Cincinnati Area Ten Tuners	Milan, IN	28800
SUN	1400	1500	Neanderthal Chapter/ Springbok	Leichlingen, DL	28355	WED	0100	0200	Houston SHOT	Houston, TX	28488
SUN	1430	1430	Cincinnati Area Ten Tuners	Milan, IN	28960	WED	0100	0200	Gateway	St Louis, MO	28650
SUN	1630	1730	Possum Trot	Raeford, NC	28345	WED	0200	0300	10 Bar X	Canutillo, TX	28445
SUN	1700	1700	Major League Baseball	Gilbert, AZ	28375	WED	1400	1500	EU DX/Branding Iron	Bergamen, DL	28355
SUN	1800	1900	Portland 500	Portland, OR	28350	WED	1700	1700	Gold City	Rutherfordton, NC	28425
SUN	1900	2000	Oregon Trail	Dallas, OR	28803	WED	1700	1800	Channel Islands	Oxnard, CA	28340
SUN	1930	1930	North Georgia	Atlanta, GA	28610**	WED	1930	1930	Route-66	Boonville, IN	28370
SUN	1930	2030	Steel City	Eubank, KY	28420	WED	1930	1930	Windfarms	Livermore, CA	28485
SUN	2030	2030	Santa Fe Trail/ Springbok	Galesburg, IL	28385	THU	0100	0100	Cradle of the Confederacy	Pike Road, AL	28350**
SUN	2030	2030	Santa Fe Trail/ Springbok	Galesburg, IL	28120 PSK**	THU	0100	0200	Gateway	St. Louis, MO	28650
SUN	2100	2200	Possum Trot	Raeford, NC	28150 CW	THU	0100	0100	Cow Town	Arlington, TX	28460
MON	0100	0100	Chesapeake Bay	Chestertown, MD	28435**	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
MON	0100	0100	Arizona Desert 10-10 Net	Phoenix, AZ	28445	THU	0100	0200	Channel Islands	Oxnard, CA	28340
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	0230	0330	Windfarms	Livermore, CA	28485
MON	0100	0100	Lonestar	Arlington, TX	28460	THU	0230	0330	Up The Crick	Eugene, OR	28450
MON	0130	0230	Bauxite	Benton, AR	28470	THU	0300	0400	Chief Seattle	Seattle, WA	28430
MON	2030	2030	Space Coast	London, KY	28355	THU	1930	1930	Speedway	Rainer, OR	28350
MON	2330	2330	Sky Bl Wtr/Tn Lzz/ Twn Ct	Inver Grove MN Heights,	28380	THU	2000	2000	Branding Iron	Kemper, TX	28345
TUE	0100	0100	Branding Iron	Kemper, TX	28325**	FRI	0100	0100	Fort McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370**
TUE	0100	0100	Ft McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370**	FRI	0310	0410	Kentucky Cardinal	Russellville, KY	28600
TUE	0100	0200	CO Centennial/ CO Frontier Gang	Lakewood, CO	28340	FRI	0310	0410	Kentucky Cardinal	Russellville, KY	28480
TUE	0100	0200	City of Lights	St Charles, IL	28150 CW	FRI	1400	1400	New Waterkant	Boern, DL	28355
TUE	0130	0230	City of Lights	St Charles, IL	28720	FRI	2230	2130	Down Under (Summer in NZ is winter in US)	Aukland, ZL	28530
TUE	0130	0230	Bauxite	Benton, AR	28470	SAT	0100	0100	MAINE-iacs	North Haven, ME	28777
TUE	0130	0230	OK Route 66	Oklahoma City, OK	28390	SAT	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0300	0400	Bay Area	Hayward, CA	28475	SAT	1430	1530	Steamboat Plus	Shreveport, LA	28430
FRI	0300	0400	Chief Seattle	Seattle, WA	28430	SAT	1400	1400	Hanse	Hamburg, DL	28355
TUE	0430	0430	Aloha	Hilo, HI	28490	SAT	1500	1600	Republic of Texas	Eules, TX	28460
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835	SAT	1510	1610	Louisiana Pelican 10-10 Net	Livingston, LA	28450
T/W	2330	0030	Republic of Texas	Eules, TX	28560	SAT	1600	1700	City of Roses/ Portland Bridges	Ridgefield, WA	28835
T/W	2330	0030	Minuteman/ Old Ironsides	Saugus, MA	28409	SAT	1730	1730	Tango	Buenos Aires, LU	28650
						SAT	1800	1800	Keystone/ Keystone Stars	Brea, CA	28765
						SAT	2000	2000	Restoration Project/ Feline Friends	Port Alberni, BC	28750
						SAT	2200	2200	Alii	Lihue, HI	28730



DX News

Mike Davidson, N5MT
(#24949)

Welcome to the 2016 Spring season as we will soon end the old cold Winter here in the USA. I hope some of you made an effort to work the ARRL Ten Meter contest last December even if it was not a 10-10 event. I did find several new members during that weekend but the number of contacts/countries was far less than the previous year. The solar flux did not make it up to the 115 level that was predicted by NOAA. You were lucky if you heard/ worked any Asian station from Texas! Band conditions were below average all year with fewer countries/entities spotted on the packet clusters.

Now we need to finish off the Winter DX season by sending in your computer logs to the LoTW system at ARRL. I just sent ten logs to LoTW and they matched up about a dozen band countries that I needed. Plus many hams now only use LoTW for their main QSL procedure to cut down on postage expense and time to process QSL cards. It's now time to look forward to a change of season, so expand your ham radio horizons and work more DX and use the LoTW system.

One of the less known techniques that you can use with your ten meter antenna is to make contacts on 12 Meters. There a good number of DX stations on that band that come down in frequency when they give up on Ten. My four element yagi beam works fine on 12 and I have 140 countries in my log from using my old beam antenna on the 24 MHZ frequency. Yes, there is some SWR, but the tuner in the radio helps with the mismatch. So I still get out a bunch of power with the gain from the yagi four elements helping and you can work a new DX contact for another band country just like on 28 MHZ.

Use the DXSummit cluster to watch what is happening on the various bands at: www.DXSummit.FI. When you type in this web site name, you will get displayed several bands for stations operating on the ham bands. You can set a filter to just watch 10 and 12 by clicking on a tab and saving the filter. You can watch just CW spots vs SSB or RTTY. You can also send spots that you hear into the cluster from an area on the right side of the page where you can enter the station's info. It does not have to be DX, you can spot a net freq or a friend calling CQ. It's a spotting cluster for info sharing especially for contests and other events that may not be DX.

There were three rare DX countries with 10-10 members operating from them this past quarter. In January, K5P from Palmyra Atoll started out with a weak signal on 15 their first day. It took them several days before they were heard in Texas on Ten and worked. Another DXpedition going to the South Shetlands, started about a week later with a better signal as the North/South propagation was better for the USA this time of the year into the south Atlantic. The VP8 group moved over to South Georgia after operating about two weeks on South Shetlands after high winds damaged some equipment.

Take a close look at the **Upcoming DX** section as you will see what could be first time 10-10 events for you! **FJ** St. Barthelemy, **FT4** Juan de Nova group, and **T32** East Kiribati, will be operating in the coming months. **VK0EK** to Heard Island will not have a member going.

Countries Award: There was one Basic Countries Award and one upgrade issued this past quarter. If you apply for any 10-10 award, please check the rules.

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

6W Senegal. Jacques **F6HMJ** #52711, was in Senegal from February 10th to March 1st. He was running an IC-706 and dipoles mainly on CW.

3D2 Fiji. Paul **W7IV** #27182 and friends on Fiji from December 3-10th, unknown as to what call was used.

3D2 Rotuma. Antoine **3D2AG** #72719, was active from Rotuma from December 20th to January 15, 2016. This is another rare 10-10 spot so hope you found him.

3W Laos. Bruce **AA4XR/3W3B** #11635, was back in Laos from February 12-24th. Mostly CW and RTTY.

A3 Tonga. A Houston area friend Paul **W5PF** #5921, was on Tonga the last two weeks of February 2016 using call A35T. Website: <http://www.tonga2016.com>. They already have posted QSOs into LoTW.

8R Guyana. Hawa **DK9KX/K9KX** #21879, was in Guyana in February. He prefers CW and RTTY.

E5 South Cook Islands. Haru **JA1XGI** #55571, operated from the South Cook Islands as E51XGI from December 2-10th. LoTW. Roly **ZL1BQD/E51RJR** #19039, was on Rarotonga from January 14 to February. His radio was a QRP Elecraft KX3 running ten watts to a dipole on CW and JT65. On January 24th, he had a call sign change to **E51RR**. He was on Samoa from February 12-16th using call 5W0RR.

EA8 Canary Islands. Andrea **IK1PMR** #62272, operated from December 9th to January 10, 2016.

FS St. Martin. Budd **W3FF** #40140, Paul **KB9AVO** #51946, Stephen **WG0AT** #9905 and William **W7ZT** #26688, were on St Martin from February 2-10th on CW, SSB and Digi.

K United States. Special call by James **WK3N/AAW** #27483 commemorated Antarctic Activity Week from February 22-28th. Bryan **KA3LUN** #77417 helped out.

KH5 Palmyra Atoll. A DXpedition to the 9th ranked most-wanted Palmyra Islands happened from January 11-26, 2016. The 10-10 members were: Ralph **K0IR** #2609, Bob **K4UEE** #75256, John **K6MM** #13853, Mike **K9NW** #29804, Glenn **W3OA** #31642, and Hal **W8HC** #12502. Website: www.Palmyra2016.org. They setup five stations, operated 24/7, making 75,210 QSOs with 157 countries! LoTW.

OZ/5P Denmark. Volker **DJ8VW** #69216, was on Romo Island from December 6-21st, using call sign 5P8VW on CW and SSB. LoTW.

P4 Aruba. Howard **WA2NHA** #21504, was in Aruba from February 28th to March 13th on all bands.

Olli **DH8BQA** #64672, was active as **P40FA** during February and operated in the RTTY WPX Contest and the ARRL DX CW Contests.

V3 Belize. Paul **VE3AXT/V31AX** #76924, was near Corozal from February 2nd to March 16th on his first time relaxed mode DXpedition. Art **NN7A/V31JZ** #39677, was in Belize from February 4-11th.

V4 St. Kitts & Nevis. Thaire **W2APF/V47JR** #50022, was on Nevis Island from February 22nd to March 1st.

V6 Micronesia. Sho **JA7HMZ/V63DX** #30900, was on Pohnpei Island until February 24th using call V6A.

VP8S South Sandwich & South Georgia. A DXpedition of fourteen operators, using call VP8STI, started January 17, 2016 on S. Sandwich Island. They moved to S. Georgia on February 1st using call VP8SGI. Team leaders was Paul **N6PSE** #68859 and David **K3LP** #13394 and member Ned Stearns **AA7A** #11185. These two rare islands have been visited in the past by 10-10 members, so good luck! LoTW has been uploaded!

VP9 Bermuda. Steve **KU9C/VP9** #31988, was in Bermuda from December 9-14th.

S9 Sao Tome & Principe. Bruno **HB9BEI** #21124, is expected to operate from February 29 to March 25th, on SSB and Digi from Sao Tome. His call is S9BK.

YN Nicaragua. Mike **W1USN/YN5RN** #51238 and Bob **AA1M/YN5PL** #17930, will be active from February 25th to March 5th. LoTW. They paid a \$260 dollar tax on their equipment when they got their license.

UPCOMING DX & NEW 10-10 ACTIVITY:

9A Croatia. Paul **N4PN/9A4PN** #74476, will be in Croatia from March 1st to 8th with friends.

A9 Bahrain. Max **KE5JA/A93JA** #5185, who lives in Bahrain, will be active during the SSB DX contest on March 5-6th. I heard him in the CW contest last week.

FO/M Marquesas Islands. Tom **GM4FDM** #31864 and friends, will be on Marquesas from March 3rd to 15th on CW, SSB and RTTY. K3 radio, amps and hex-beam.

Website: www.Marquesas2016.de.

CY9 St Paul Island. In August 2016, a group of ops will fly to St Paul Island for ten days using call sign CY9C. Look for Randy **N0TG** #12990 and Will **AA4NC** #15774, who have been to the island before.

FJ Saint Barthelemy. Jay **FJ/W9AEB** #6914, will be on the island from June 17-29th. Bill **FJ/K2HVN** #14073, was not on St. Bart as expected last December.

FP St. Pierre & Miquelon. Eric **KV1J** #31247, will return for his tenth time to the island on March 17-29th 2016 mostly SSB and Digi. LoTW.

FR/FT Juan de Nova. A DXpedition to the sixth most wanted country, will take place in the Indian Ocean on Juan de Nova Island, using call FT4JA. From March 29th to April 11, 2016, this well organized group will try to have 7 stations running at the same time. The only 10-10 member is Flo **F5CWU** #71812 who is a good SSB operator. Web site: <http://www.JuandeNovaDX.com>.

OZ Denmark. Rene **DL2JRM** #69623, will be on from Bornholm Island starting May 5th to 8th.

P4 Aruba. Mike **K9NW** #29804 and John **W6LD** #72367, will operate as P40L from March 5-6th.

PJ4 Bonaire. David **NA2AA** #40574 and friend, will operate as PJ4G during the contest March 5-6th. Charles **PJ4/KG9N** #17038, will operate from March 15- 22nd.

PY0F Fernando de Noronha. Will **AA4NC** #15774, will be operating portable PY0F/AA4NC from October 17-27th 2016, especially in the CQ DX SSB contest.

PZ Suriname. Matt **K0BBC** #76064, will be with N0AT in Suriname from March 2-7th using call PZ5W. The radio is a IC-7600 sending CW, SSB and PSK.

T32 East Kiribati. Lee **N8LJ/T32LJ** #61088 and Stan **AC8W/T32WW** #62885, will be with a group operating from East Kiribati from March 1-16th. They expect to have four stations using CW, SSB & Digi. There are seven ops so find Lee or

Stan. LoTW.

VP5 Turks and Caicos Is. Clint **W9AV** #75958, will be in the SSB DX contest on March 26-27th with call VQ5E. The web site is: www.QRZ.com/db/vq5e.

YS El Salvador. Mario **YS1MAE** #9079 and friends, will operate the WPX SSB contest March 26-27th with call HU1A. During SSB DX contest look for YS1YS.

ZP Paraguay. Dale **N3BNA** #32100, will be in Paraguay visiting friends and will operate contest station ZP5DBC during the SSB DX contest the first weekend in March. His call will be ZP5/N3BNA outside of contest.

MISCELLANEOUS ITEMS & NOTES:

Propagation forecast: <http://www.solen.info/solar/> 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 80-115 the second quarter of 2016, which is a slight reduction from the past six months. The Spring equinox is on March 20th and propagation will change our HF signals as we lose Europe for 6-7 months.

On March 1st the solar flux was 91, the A index was 5 and K index 3. The high solar flux in January was 115 and on February 20th was 110. In the next four months, look for the best conditions: March 8-13th, March 29 to April 3rd, April 27-30th, May 24-28th, June 20-24th. For USA stations, expect no chance of DX to Europe or Asia with a 40% chance of DX to S. America and the S. Pacific, later in the day or just at sundown. Listen to the beacons from 28.175-28.300 (especially 28.200) so you will know where the DX path is open to in real time.

New 10-10 DX members Dec.2015 to February 2016: **Dec:** None; **Jan:** 77413 DF0FAW, 77414 DL0PSK, 77415 DL0HSF; **Feb:** 77422 DL0RMF, and 77423 DL0MKF.

Thanks to the QRZ-DX, The Daily DX by W3UR #25731 and the Ohio/Penn DX Bulletins. Info to Mike Davidson, 3518 Bellefontaine, Houston, TX 77025 USA Email: N5MT@aol.com.

DX IS! 73 Mike Davidson N5MT #24949
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NEW LIFE MEMBERS

09944	AE6SS	Steven L Somers	CA
13067	WN6K	Paul E Dorey	CA
21038	AL7BA	James E Shaw	OH
23447	DK9OS	Hans-Juergen Kempe	DX
34187	WEØR	Charles B Bright III	MO
70167	W8FZ	Frederick W Stutske	OH
70351	KA4NFL	Theadore L Elkins	KY
73231	N4ESS	Richard E Kennedy	FL
75690	KC4WVV	Ronald F Civils	NC
76616	W5TAR	Patricia Reiff	TX
77436	W7QHZ	Martin A Pittmann	AZ



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.



Net Report

Bob Farrow, N6OPR (#45715)

Net reports for fourth Quarter 2015

MONDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
5-Oct	2	0	5-Oct	12	0
12-Oct	2	0	12-Oct	9	0
19-Oct	14	4	19-Oct	11	0
26-Oct	20	10	26-Oct	10	0
2-Nov	2	0	2-Nov	11	0
9-Nov	22	6	9-Nov	11	0
16-Nov	37	10	16-Nov	10	0
23-Nov	26	6	23-Nov	15	0
30-Nov	2	0	30-Nov	17	0
7-Dec	23	9	7-Dec	16	1
14-Dec	2	0	14-Dec	11	0
21-Dec	26	8	21-Dec	14	0
28-Dec	3	0	28-Dec	13	1

TUESDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
6-Oct	4	0	6-Oct	11	1
13-Oct	5	1	13-Oct	8	0
20-Oct	13	3	20-Oct	16	0
27-Oct	20	5	27-Oct	15	0
3-Nov	4	0	3-Nov	11	0
10-Nov	36	11	10-Nov	13	1
17-Nov	36	11	17-Nov	10	1
24-Nov	7	2	24-Nov	11	0
1-Dec	18	4	1-Dec	11	0
8-Dec	12	3	8-Dec	7	0
15-Dec	26	3	15-Dec	12	1
22-Dec	25	6	22-Dec	8	0
29-Dec	38	15	29-Dec	14	0

WEDNESDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
7-Oct	2	0	7-Oct	10	0
14-Oct	6	0	14-Oct	5	0
21-Oct	37	6	21-Oct	9	0
28-Oct	32	6	28-Oct	14	0
4-Nov	7	1	4-Nov	6	0
11-Nov	42	11	11-Nov	17	1
18-Nov	2	0	18-Nov	13	1
25-Nov	20	6	25-Nov	7	0
2-Dec	36	6	2-Dec	7	0
9-Dec	18	2	9-Dec	9	0
16-Dec	25	5	16-Dec	7	0
23-Dec	13	2	23-Dec	11	0
30-Dec	49	10	30-Dec	9	0

THURSDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
1-Oct	24	6	1-Oct	12	2
8-Oct	2	0	8-Oct	7	3
15-Oct	2	0	15-Oct	10	1
22-Oct	40	11	22-Oct	3	0
28-Oct	32	6	28-Oct	14	0
5-Nov	27	12	5-Nov	6	0
12-Nov	41	5	12-Nov	7	0
19-Nov	61	18	19-Nov	6	0
26-Nov	24	14	26-Nov	8	0
3-Dec	23	7	3-Dec	8	1
10-Dec	35	15	10-Dec	5	0
17-Dec	39	13	17-Dec	6	1
24-Dec	51	15	24-Dec	5	0

FRIDAY NETS

----- 28.38 MHz -----			----- 28.80 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
2-Oct	46	9	2-Oct	14	1
9-Oct	2	0	9-Oct	15	0
16-Oct	40	10	16-Oct	10	1
23-Oct	44	6	23-Oct	16	1
30-Oct	48	7	30-Oct	12	0
6-Nov	41	8	6-Nov	15	0
13-Nov	51	10	13-Nov	8	1
20-Nov	41	8	20-Nov	14	1
27-Nov	16	3	27-Nov	12	0
4-Dec	8	2	4-Dec	8	0
11-Dec	36	9	11-Dec	9	1
18-Dec	8	2	18-Dec	10	0
25-Dec	0	0	25-Dec	0	0

SATURDAY NETS

DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
3-Oct	4	2	3-Oct	2	0
10-Oct	0	0	10-Oct	4	0
17-Oct	38	13	17-Oct	2	0
24-Oct	0	0	24-Oct	4	0
7-Nov	44	11	7-Nov	5	3
14-Nov	33	7	14-Nov	15	0
21-Nov	46	10	21-Nov	3	1
28-Nov	27	4	28-Nov	4	0
5-Dec	43	9	5-Dec	2	0
12-Dec	17	2	12-Dec	7	0
19-Dec	14	3	19-Dec	0	0
26-Dec	38	8	26-Dec	3	1
0-Jan	0	0	0-Jan	0	0

NEW CW NET

Jim Stoeber WI9X #49635 is Net Control for a CW net that meets at 18:00 UTC every Saturday on 28.125 MHz. Jim's QTH is in Illinois. If a contest creates QRM on the net frequency, the net will be canceled.

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)	Ann, KE6OIO	#68997	CA
Wed (28.380)	Marilyn, WM2W	#76400	FL
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)	Open. Contact N6OPR for info		
Sat (28.125) CW	Jim, WI9X	#49635	IL

Sunday **NEVER ON SUNDAY**

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.

STEPPIR

I have been a ham for over 50 years and have learned that the most important part of any station is the antenna. One can have a luxury super-duper rig with a poor antenna and have the frustration of not hearing DX. On the other hand, one can have a super antenna with an inexpensive basic rig and get the greatest signal reports on the band! It seems that I have tried them all—Quads, Delta Loops, Tri-banders (with traps), Monobanders, Log Periodics, etc. The SteppIR is a whole new world! While it is indeed the most expensive antenna I have ever had (costing a couple of thousand dollars), it is worth every penny!

My first experience was spent with SteppIR on the telephone with the company in Washington State. The salesman spent hours on the telephone with me, answering my many questions on which options to buy.

Here in Jacksonville, we have plenty of lightning storms, so it was well worth paying a few hundred extra dollars extra for their lightning protector board. Second, I liked the feature of the antenna automatically adjusting to the frequency of my rig (more on this feature later), so I bought the extra transceiver interface for a hundred bucks. Third, I wanted to avoid any potential of a poor soldering joint, and, I wanted the ease of connecting and disconnecting wires, so I bought their extra terminal strip header for twenty dollars. By the time I was finished with everything, including the 120 feet of 12 conductor control cable and UPS freight, the company had taken \$2,400 out of my bank account!

Since I am very active on six meters, I considered adding a 6 meter optional element, but the "big guns" on the magic band warned me that my Hy-Gain 4 element six meter monobander would outperform the SteppIR on this band.

Everything these days is computerized - so it seems! My car, the TV, even my telephone is full of computers and their operation is no simple matter. So it is with the SteppIR. The control box looks at my rig, sees the operating frequency, and its computer works the antenna's motors to give me monoband performance exactly on my operating frequency. No longer would I have to put up with the compromise of a tri-bander or choose the phone or CW part of the band as I had with my previously owned Cush Craft beam. Additionally, this antenna works both the 17 and 12 meter WARC bands as well as the standard 10-15 and 20 meter bands.

If you never have operated with an antenna that is perfectly built for the resonate frequency, you are yet to enjoy perfection. The controller also has a 180 degree option; that is, a push of a button changes the antenna's director to a reflector and its reflector to a director so that within a few seconds I have electronically turned the antenna 180 degrees. One evening I heard a German (DL) station on 20 meter CW working an Australian (VK). The DL was coming in as an S 7. The VK was S 1. When I pushed the 180 degree button, it was

reversed, that is, the VK came up to an S7 while the DL dropped down to an S 1. Amazing!

Another unexpected feature of this antenna happened when I was tuning for WWV's 15 MHz signal out of Ft. Collins, Colorado. Prop was not that great so I was receiving an S 2 signal which was good enough for my purpose. The SteppIR controller saw what I was doing, adjusted the antenna to maximize the signal and WWV's signal came up to S 7. I was not expecting this for an out-of-the band signal!

By the way, the XYL told me in rather stern words, "You are now old enough to collect a Social Security check so you are too old to build and put up that new antenna. You are going to hire someone to do that for you!" I have been building and putting up antennas since 1959, but the strong words of the XYL were unavoidable! I hired a pro to take down my Cushcraft tri-bander (A-3S), build the SteppIR and install the new antenna onto my 50 foot tower.

I had mentioned SteppIR's wonderful customer service. Not only did they spend hours with me on the telephone, helping me understand their product, but their after-purchase service is also extraordinary. Frankly, I was disappointed when I first put the antenna on the air and it did not work. A call to their tech line resulted in the same quality service I had enjoyed when I purchased the antenna. The tech patiently talked me through the alignment and set-up process of this computerized system. While on the telephone, the SteppIR tech had fixed everything! My first QSO with the new antenna was on 20 meter CW with a station in Belgium (ON). While it may not seem remarkable to have a 14 MHz QSO with Belgium (ON), I received an RST of 599. Did I mention that I was only running 3 watts with my little TenTec QRP rig on this first SteppIR QSO?



I knew I had made the right decision not to spend thousands of dollars on a KW amp, but it WAS the right decision to spend this on the best antenna I had ever owned in over 50 years of hamming!

73 & good DX,
Marv K4KEW

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.

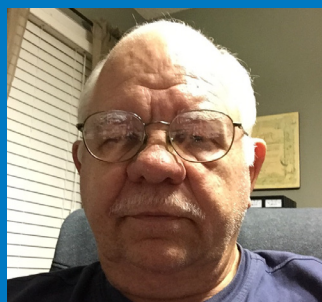
LOYAL..... offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

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.



QSO Parties

Dan Morris, KZ3T (#41015)

2016 WINTER PHONE QSO PARTY

February 6 - 7

TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N5XZ	4530	215	267	697
2. K0NM	75901	182	282	646
3. WA7NB	74754	214	186	614
4. WN6K	13067	211	178	600
5. N6OPR	45715	195	209	599
6. AB6QM	63114	200	129	529
7. N5MT	24949	133	170	436
8. K8DEL	2978	138	104	380
9. VA7TEN	24752	123	95	341
10. KE6FQC	69047	133	74	340

CALL AREA ORDER

CALL AREA 0

CALL	10-10#	CTX W	CTX WO	TOTAL
N7WY	9565	51	31	133
KA0HZP	31562	26	5	57
N0LAY	43501	18	5	41
W0RTV	13962	18	3	39
W0NFS	75985	11	1	23
KC0VDY	72580	4	0	8
KD0CVZ	75507	1	2	4

CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	72	23	167
N1YKH	70147	67	30	164
K1YKH	74643	34	7	75
W1SIX	35346	9	1	19
K1PU	33916	8	1	17
N1ZN	73599	6	1	13
W1VRY	76395	6	0	12
NZ1I	72759	4	0	8
N1JEO	71416	3	1	7

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	56	34	146
WA2SUH	407	13	0	26
W2MEB	75675	7	0	14
W2VTV	71275	6	0	12

CALL AREA 3

CALL	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	13	5	31

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ4RV	37776	70	43	183
KD4BVG	64773	49	61	159
WM2W	76400	55	31	141
KM4IK	74624	25	5	55
KZ3T	41015	15	5	35
W4KRN	66628	14	0	28
K4QHH	26040	12	1	25
KA5VZG	46596	6	0	12
KC4WVV	75690	6	0	12
K1HG	65447	4	2	10

CALL AREA 4 (cont)

CALL	10-10#	CTX W	CTX WO	TOTAL
KT4KW	66666	3	0	6
N3FNE	52799	2	0	4

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
N5XZ	4530	215	267	697
K0NM	75901	182	282	646
N5MT	24949	133	170	436
KK5DO	65027	65	49	179
N5KF	8798	38	29	105
N5DTT	73679	36	8	80
K5IZO	74728	31	8	70
K5GJQ	76862	26	5	57
KF5YYZ	76933	22	11	55
K5CC	50708	23	3	49
AD5IF	73372	17	1	35
KM5FF	50356	11	6	28
N5AF	1919	7	1	15
KD5HIP	71476	5	1	11

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
WN6K	13067	211	178	600
AB6QM	63114	200	129	529
KE6FQC	69047	133	74	340
K6PGH	76945	60	14	134
K6ME	8780	36	31	103

KJ6TTR	76624	41	5	87
AD6GE	36627	24	1	49

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
WA7NB	74754	214	186	614
N6OPR	45715	195	209	599
AJ7T	71639	103	45	251
N7YU	72571	63	30	156
KD7ZLF	75782	51	1	103
N7QOZ	62599	44	6	94
KC7KNY	31786	36	14	86
WA7RR	74424	26	6	58
WA6LOC	77200	13	1	27
W7JY	74569	9	3	21
N7QHC	59244	7	0	14
W7JSD	76248	4	0	8
K7JP	69401	3	1	7

CALL AREA 8

CALL	10-10#	CTX W	CTX WO	TOTAL
K8DEL	2978	138	104	380
KC8IM	31959	86	32	204
W8PJY	14574	41	9	91
W8HL	56609	20	0	40
K8IZK	73889	17	0	34
W8KNO	71899	4	0	8

CALL AREA 9

CALL	10-10#	CTX W	CTX WO	TOTAL
NA9A	31121	85	55	225
WA9LJK	70789	24	6	54
WI9X	49635	21	8	50
W9AQL	60273	19	1	39
K9LGE	74960	10	1	21

W9HLR	77421	9	1	19
N9VPV	75563	6	0	12

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
N0LAY	43501	18	5	41
AD5IF	73372	17	1	35

MOBILE

CALL	10-10#	CTX W	CTX WO	TOTAL
K6VHF	77458	0	7	7

COUNTRY ENTRIES**ARGENTINIA**

CALL	10-10#	CTX W	CTX WO	TOTAL
LU1BJW	39329	33	22	88

EAST MALAYSIA

CALL	10-10#	CTX W	CTX WO	TOTAL
9W6EZ	76936	2	9	13

CANADA

CALL	10-10#	CTX W	CTX WO	TOTAL
VA7TEN	24752	123	95	341
VA2MO	75296	15	5	35
VA2KF	76308	15	3	33
VE5KM	42005	12	1	25
VE3MEW	31824	5	8	18
VE2GT	71022	4	2	10

GERMANY

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	45	79	169
DL6DK	39944	24	4	52
DB9DF	74506	21	1	43
DJ2YE	68904	9	0	18

HAWAII

CALL	10-10#	CTX W	CTX WO	TOTAL
K7GQ/KH6	1555	74	42	190

JAPAN

CALL	10-10#	CTX W	CTX WO	TOTAL
JH1OAI	47459	6	0	12

NORWAY

CALL	10-10#	CTX W	CTX WO	TOTAL
LA7VK	72716	9	17	35

PANAMA

CALL	10-10#	CTX W	CTX WO	TOTAL
HP8KJW	18283	80	84	244

PUERTO RICO

CALL	10-10#	CTX W	CTX WO	TOTAL
AD3Y/KP4	645	9	2	20

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NM5H	68588	133	170	436	N5MT
N4SVC	75836	95	107	297	KD4AMP/W4N- QP/K4QQT
W1NRG	29650	72	23	167	N1API
W7PIR	74376	50	0	100	KD7ZLF
DF0AG	74925	24	4	52	DL6DK/DB9DF
DF0VK	75885	24	4	52	DL6DK/DB9DF
K1HAD	76332	8	1	17	K1PU

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
HOUSTON SHOT	10	2691
CASTLE CRAIG	8	627
MLB	1	599
CATT	2	471
ARIZONA DESERT	3	414
CITY OF LIGHTS	2	246
COLORADO CENTEN- NIAL	1	244
POSSUM TROT	2	218
NORTH GEORGIA	2	214
PORTLAND 500	2	203
BRANDING IRON	4	199
NEANDERTHAL	2	187
GATEWAY	2	96

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
W8PGW	74726	86	32	204	KC8IM
KA5CRL	26627	21	23	65	0
NH7PE	74456	24	7	55	0
HP1AC	10107	14	0	28	0
HP1RCP	35070	14	0	28	0
K8CBC	0	9	1	19	0
K9WOJ	0	7	0	14	0
K1AUS	0	7	0	14	0
VE3MT	0	6	2	14	0
WO1S	73749	7	0	14	0
W4ADB	0	4	4	12	0
K7JKM	0	2	4	8	0
AF5OI	0	1	0	0	0

TEN-TEN AWARDS

So many members of Ten-Ten do not know about all of the awards that are available from our organization. This article will touch on them but members are encouraged to look on the Ten Ten website for a more thorough description. Many new members think that all we do is collect numbers not realizing what can be done with the collection.

New Ten-Ten members will soon discover they are treated as rare DX once they check into a net. Everyone wants to work the new number. And, it gives new members an opportunity to build on their quantity of Ten-Ten numbers as well.

Besides the many Chapter Nets that meet each week, there are TWO Daily Nets which meet on 28.380 and 28.800 MHz. There are 11 QSO Parties held throughout the year.

Awards are available for: Bar Awards, WAC, Counties, Countries (DXCC), CW, Digital, GB10 (Great Britain on 10), Lucky 13, Mobile (QSOs and WAS), OM/XYL, WPX (Prefix), VP (Groups of 100, 500 QSOs for VP, and VP WAS, and lastly for WAS.

That is a lot of activity which makes working new Ten Ten numbers lots of fun! If you are new to our group and do not know what each of these acronyms mean, go to the website and read up on the awards.

The best part of reaching the requirement for each award is they are FREE!

My wife manages the Bar Awards for 1000+ numbers. You may think that it would take a long time to reach this quantity of QSOs, but it happens rather quickly when you participate in various nets, QSO Parties, etc. If you look at the lists for leaders in collecting numbers, you will see there are several who have more than 10,000!

Ten Ten International is a great organization and does a lot to promote activity on the 10-meter amateur band. Remember the Ten-Ten slogan – “You Have to Make Contacts to Get Results”.

Terry Webb N0TW # 36547



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.	10500	N1API	25468
6.	10000	K6PZE	1341
7.	9800	N5DAS	35877
8.	8800	AC6FU	10937
9.	8400	KF7PU	30021
10.	8200	K5FBS	48461

TOP TEN CLUB

No.	CONTACTS	CALL	10-10#
1.	10100	WD0SFT	37933
2.	4400	K6MQ	K6MQ
3.	3000	DL0X	DL0X
4.	2100	W8PGW	W8PGW
5.	1800	W1NRG	W1NRG
6.	1200	NM5MD	NM5MD
7.	1100	W4MNM	W4MNM

1000+ MILESTONE BARS

7800 BAR

NO.	CALL	10-10#
42	N6OPR	45715

7700 BAR

NO.	CALL	10-10#
42	N6OPR	45715

4800 BAR

NO.	CALL	10-10#
113	KC8IM	31959

2100 BAR

NO.	CALL	10-10#
524	W8PGW	74726

1900 BAR

NO.	CALL	10-10#
605	KM5EH	71103

1200 BAR

NO.	CALL	10-10#
1118	WM2W	76400

COUNTIES AWARDS

BASIC AWARD

NO.	CALL	10-10#
539	WI9X	49635
540	9W6EZ	76936

COUNTRIES AWARDS**BASIC AWARD**

NO.	CALL	10-10#
642	9W6EZ	76936

55 COUNTRIES

NO.	CALL	10-10#
197	WA2HMM	40510

DIGITAL AWARDS**25 CONTACTS**

NO.	CALL	10-10#
124	9W6EZ	76936

WPX AWARD**BASIC AWARD**

NO.	CALL	10-10#
383	AE7BT	76815
384	9W6EZ	76936
385	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+	Marilyn Webb, WM2W, #76400	1103 Fulford Rd. Monticello, FL 32344-4352	(614) 216-5334	wm2w10@yahoo.com
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) 450-1173	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@nwla.com
Mobile	Bob Bishchoff K4QHH #26040	180 Persimmon, Rutherfordton, NC 28139-9319	(000) 000-0000	rabisch@hotmail.com
OM/XYL	Marcus Lieberman, KM5EH #71103 ..	2300 Hurley Drive NW, Albuquerque, NM 87120-1013	(505) 836-1724	buckml@lolo.net
WAS	Eva Donaldson, WB0CON #53964 ..	12933 W Montana Drive, Lakewood, CO 80228-4244	(303) 989-0475	wb0con@comcast.net
WPX	Ed Bryant, KM5FF, #50356	9001 Sunbow Ave SW, Albuquerque, NM 87121-8851	(505) 934-2100	elbble@gmail.com
GB Counties ..	Mike Crawshaw, G4BLH #18446	50 Kibble Grove, Brierfield Nelson Lancs, England BB9 5EW 01144 1282 613754		g4blh@zen.co.uk
Scouts	Rex Landreth, KD6FEC #77131	30 Alida Road, Braintree, MA 02184	No Phone	kd6fec@gmail.com



ELECTION 2016

CALL FOR NOMINATIONS

10-10 International holds an election every two years. In the year 2016 we will be electing the President, Vice President, Secretary, and three (3) Directors, whose terms will commence January 2017. The organization does not run itself, so if you have ever thought about participating in the running of our organization, this is a great opportunity to do so! Nominations must be sent to the Nomination Committee prior to May 1, 2016.

The Nominating Committee develops a slate of eligible candidates by June 1, 2016. The chairman of the committee will provide each potential nominee with information regarding eligibility and specifying the information required by the committee. The chairman of the committee will notify members selected by the Nominating Committee, in writing. Members not selected by the committee may petition for candidacy by having a petition signed by 50 full members and presented to the Secretary by June 15, 2016. A nomination information form is required and is available from the Nominations Committee Chairperson. Further questions concerning the election/nomination process may be addressed to Terry Webb, N0TW - 1103 Fulford Road - Monticello, FL 32344 - n0twterry@yahoo.com.

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

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

SELECTION BY THE NOMINATING COMMITTEE

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

PETITION FOR CANDIDACY

Members and nominees not selected by the nominating committee may petition for candidacy. Such petitions shall be signed by 50 full members and submitted to the Secretary by June 15, 2016.

BIOGRAPHICAL SKETCH

All Candidates, whether selected by the Nominating Committee or by Petition, must submit a biographical information form and biographical sketch. The Nominating Committee will use this information in the process of selecting a slate of Candidates. Those who petition for nomination must submit a biographical information form to be provided by and returned to the Secretary. This biographical outline, not to exceed 200 words of narrative, shall be printed in the July 2016 issue of the 10-10 News.

NOTIFICATION OF POTENTIAL NOMINEES

The chair of the Nominating Committee shall notify members selected by the Nominating Committee to be candidates in writing. The chair of the Nominating Committee shall also notify, in writing on or before June 1, 2016, members who are not selected by the nominating committee, and inform them of the proper method of placing their names in nomination by petition.

ELECTION TIME LINE

- ☑ Call for Nominations will be printed in the January and April 2016 editions of the 10-10 NEWS.
- ☐ 1 May 2016 - Candidates must have names and bios to Nominating Committee.
- ☐ 1 June 2016 - Nominating Committee will develop slate of candidates and notify members who applied but were not selected.
- ☐ 15 June 2016 - Deadline for Petitions for Candidacy to Secretary.
- ☐ Ballots and all Candidates' bios to be printed in July 2016 edition of the 10-10 NEWS.
- ☐ 1 October 2016 - **"In Hand"** Deadline for return of Ballots.
- ☐ 1 November 2016 - Election results posted on 10-10 Web Site.
- ☐ 1 January 2017 - Newly elected officers take office.
- ☐ Election results posted in January 2017 edition of the 10-10 NEWS.

W6OI #109 ON THE AIR

REPORT FOR THE 10-10 INTERNATIONAL CLUB STATION W6OI ENDING 2/29/16

W6OI continues to be on the air for the various 10-10 QSO parties and the last Special Event party held on November 21-22, 2015. Band conditions continue to challenge even the best of operators! I only managed 3 contacts in the Winter SSB QSO Party. How many did you make?

I am mobile in Florida again this year to pass the winter months back in Wisconsin. Contacts on 10 meters are slow. I did manage to work into Europe on a Sunday morning a few weeks back. What a treat to work a number of 10-10 members in Germany and France! And these contacts were made with a rotatable dipole up about 12 feet. So everyone, do come back to 10 and call and listen. You never know whom you might contact. I watch the propagation forecasts and they sometimes don't match the real band condition at your location. The day I made it into Europe the forecast was not so good. Take a look back at the conditions on February 14th, which was the date contacts were made. Don't give up on our band. Come on back to 10 and turn up the activity!

Again many thanks to all volunteers operating 10-10 club stations for the November 2015 Special Event. It would not be possible without all your time and effort to make contacts.

The 10-10 Club Station, W6OI, is available for operation to any current (dues paid) member or chapter for use as a special event station. AND, also available if any member would like to operate W6OI during any of the 10-10 QSO Parties. Just send your request along with copy of license and paid up membership to:

Jerry Kopstein N9AC
8041 W. Lakeshore Drive
Burlington, WI 53105

W6OI is one of three official 10-10 club stations, the others being VE9TEN (trustee Rob, VE9KM) and DL0X (trustee Henry, DL8YBM). W6OI is operated on CW by Brad, K0DBK who makes available FISTS and SKCC numbers. W6VY, Bob operates on Geratol nets to give out W6OI Geratol number and promote 10-10.

Louise, N6ELK continues to operate W6OI on the 10-10 daily nets, which meet at 1800Z on 28.380 and 28.800. Bob, N6OPR also gives out W6OI details on the daily nets if Louise is not available.

Paper chasers working W6OI can request list from Jerry, N9AC. It is available in ML format or just plain text. Listen for W6OI!

73's Jerry, N9AC

W6OI/VE9TEN/DL0X SPECIAL EVENT – CANCELLED

Hello Everyone. After considerable thought and discussion with numerous 10-10 members, it has been decided to cancel future W6OI Special Events. This is mainly due to rapidly decreasing yearly participation by volunteers and those operating the event. Also a major factor is the very poor propagation on 10-meters and more than likely years to come of poor propagation. Will continue to monitor the various 10-10 QSO parties to see how activity fairs and whether propagation improves. A decision on future Special Events for W6OI will be decided yearly.

In summary for the most recent 2015 Special event, only 16 members operated W6OI from quite a few U.S. call areas, two members operated VE9TEN in Canada, and DL0X was on the air from Germany! Band conditions were poor. The volunteers made about 600 contacts - mostly on SSB, with some on PSK, CW, and RTTY. Approximately 300 10-10 members were contacted and 300 contacts with non-members. Most of the contacts in the U.S. were from only 5 volunteers. Seven of the volunteers were unable to make any contacts.

Thanks to all who have participated as volunteers and those who have made contacts during the event with our volunteers. I'd be happy to hear back from any and all on ideas for future activity that can keep our 10-10 Organization moving forward and gaining strength.

Catch you on the air soon. Jerry Trustee W6OI



L-R: Barbara Teaster-Hancock KD5PPK #76414 and Fran Sullivan KD5LKB #77373 man the 10-10 Booth at the Minden Hamfest.

Editor's Note: Barbara became a silent key one week after this picture was taken.

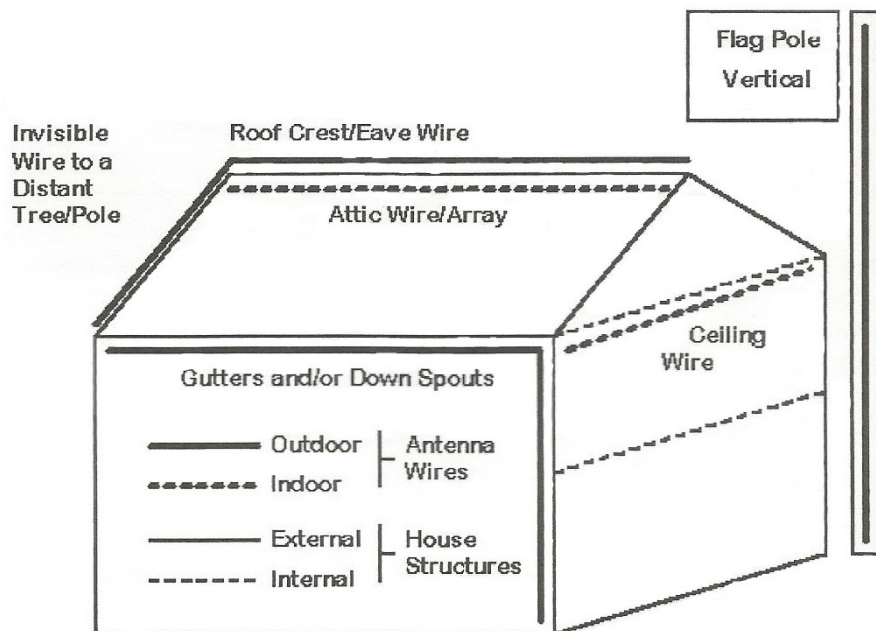
INVISIBLE AND HIDDEN ANTENNAS

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.

If you live in an apartment, condo, or development with antenna restrictions, you may need to hide or disguise your antenna. Here are some ideas to get you started. First, some general principles, then some basic antenna types.

Principles: The principles are few, but very important.

1. **Safety:** Keep the antenna as far away from people as possible for their safety.
2. **Propagation:** put the antenna as high and in the clear as possible for maximum efficiency within the limits of needing to keep it out of sight.
3. **Antenna Tuner:** with few exceptions, the hidden or invisible antenna will become a random length end-fed wire. Any of the T-matches (for example, MFJ's tuners) will do a good job matching the antenna to your rig.
4. **Expectations:** do not expect the performance of a long Yagi. Instead, expect to make a lot of great contacts.



Antenna Types: The basic hidden antenna types are four in number:

1. Disguised verticals,
2. Thin wires,
3. Attic antennas, and
4. Loading existing metal.

There are dozens of variations on each theme. But, forget loading the bedsprings. Figure 2-1 shows a few of the places in and around the home where we might use one or more of these types of antennas.

1. **Disguised verticals:** You can encase almost any type of vertical antenna in PVC, and call the outdoor structure a flag pole,. For working dx from a development with restrictive covenants, this route is often useful, especially if you use a multiband vertical. Construction varies with the circumstances.

2. **Thin Wires:** Wire as small as #28 enamel makes a good antenna for 100-watt transceiver use. It is often invisible enough to leave running from a second-story apartment window to a tree. Or, you can put it on a reel and wind it out and in as necessary. Alternately, you can string it in the attic, turning corners wherever necessary. I have used it with success taped to the edges of a second-story ceiling. How much wire? How much have you got? Just do not end up with tight coils; try for maximum length in each direction used.

Thin wire antennas, indoors or out, are random length wires fed at the end and need a transmatch. If possible, locate the transmatch where the wire leaves the building. Otherwise, try a piece of RG-213 from the tuner to the antenna wire. Ignore the coax losses. Try a sleeve balun (such as those sold by Radio Works) where the coax leaves the building. Ground the coax shield where the antenna begins and the tuner and every piece of equipment in the shack well—very well! The object is to do everything possible to keep RF outside or away from the rig. Some combination of sleeve balun, ferrite cores, and the like will likely solve any RF-in-the-shack problems. Keep experimenting. And be willing to spend a few dollars on wide braid to use as grounding strap; it works well, as does a good, long ground rod (replaced every few years).

3. **Attic antennas:** Putting an antenna way up and away from everything is best, but attics are not usually as bad as you might think. The frame and roof shingles do not absorb too much RF, and the braces can help support an antenna. In the attic, you can usually find room for dipoles for many bands, even if you have to bend the ends down or to the side. Mount the dipole as high in the structures as you can, and away from any metal duct work, metallic duct insulation, or house and phone wiring. Feed an attic dipole just as you would an outdoor dipole antenna, using coax and 1:1 choke balun. Trim it to resonance or minimum SWR. One caution: if your attic is insulated with foil-backed materials, it may prove unsuitable for an antenna.

The attic may also hold a 2- or 3-element Yagi fixed on your favorite target. You can adjust element lengths for thinner wire elements and do away with the boom. If you use tubing, getting it into the attic may be a problem if the access opening is small. First, build and test the antenna, then cut it into pieces that will fit the opening, developing couplings to reconstruct it on site. (Back before cable, I put a 12'-long TV log periodic in the attic just that way: I used wire on a wood frame, cut the wood into entry size pieces, and used linking pieces to reassemble the frame before restringing the wire. I obtained great reception from Atlanta, about 70 miles away.)

4. **Loading existing metal:** Perhaps the most obvious aluminum structure to load is the gutter and down spout. Treat the system like a thin wire antenna and use a tuner, driving a ground rod near the feed point. Be sure to securely bond the joints, since painted aluminum joints with pop rivets make a shaky electrical system. Expect changes in pattern and antenna tuner settings with water, snow, or leaves in the gutter.

You can also load patio umbrellas, existing aluminum flag poles, and other metal structures. You can shunt feed a grounded flag pole. Avoid iron and steel structures if an alternative is possible, since their losses are fairly high, but use them in a pinch. Even the frame of a sliding patio door will radiate and receive.

Anticipated results: Compared to a high and free outdoor antenna, these substitutes will likely disappoint you for local area point-to-point work on 10 meters. (The outdoor invisible wire, however, may show surprisingly good results within the 10-meter point-to-point contact area.) Do not sell the hidden antennas short with skip. Their low height may produce high take-off angles, but still produce very solid contacts, even in 10-10 contests. The idea is NOT to try to compete with the 1.5 kW linears feeding 7-element quads at 105' altitudes. Instead, find modes of operations to which the antenna is better suited: rag chewing, nets, and even informal contesting. Most of these hidden or invisible antennas will usually outperform loops and other tiny antennas (but these miniatures will also work in making contacts).

If your situation calls for these measures, develop an attitude: be on the lookout for better places (higher and bigger) for the next design. Most of these antennas are cheap, but do not skimp on quality coax, connectors, ground rods, baluns, and filtration. Use the same high quality components that you would put into an outdoor tower and beam. Part of your attitude adjustment should be to forget the ultimate antenna efficiency, except when comparing two of your own models to see which one to keep.

Finally, be careful and considerate: keep RF out of the power lines and phone lines. It is often easier to try a different kind of hidden antenna than to filter or revise parts of the phone cable TV, or computer control wiring.

QSL Bureau News

There are still a large number of unclaimed QSL cards at the QSL Bureau. If you are not certain that you have SASEs on file or if you wonder if you have any QSLs at the bureau, go to the 10-10 website and look for the tab labeled "RESOURCES". Under that is a tab for "QSL BUREAU". On the QSL Bureau page (near the bottom) is a box that if you type in your or any other member's call-sign will tell you the number of cards and envelopes that are on file for that station at the bureau.

Before you go to all the trouble of filling out QSLs to send to the bureau, it is a good idea to check and see if those stations have SASEs at the bureau. Otherwise the cards just sit at the bureau with no way to deliver them to their owners.

You do not have to be a "paid up" member to use the bureau. It is open for any amateur who has a 10-10 number. Also, the ham that you are sending a QSL to must also have a 10-10 member. You can actually make QSOs with other 10-10 members on bands other than 10 meters and still use the bureau.

Please direct all questions/comments to the QSL Bureau Manager. Terry Webb, at n0twterry@yahoo.com.

Use the following address to send QSLs and envelopes to the Bureau.

Terry Webb
1103 Fulford Road
Monticello, FL 32344-4352



Paul WN4AMO #73825 and Terry N0TW #36547 man the 10-10 booth at the Orlando Hamfest.

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 2016

AD4RX.....	Director	KQ4PK.....	Net Control
AJ7B.....	Newsletter Editor	KR7RK.....	Treasurer
G4BLH.....	Awards - GB	KZ3T.....	QSO Party Manager
K0DBK.....	Awards - Counties	N0KDB.....	SK Manager
K1IEQ.....	Committee Member	N0TW.....	Director
K4QHH.....	Award Manager-Mobile & VP	N5MT.....	Awards - DX
K5BKT.....	Committee Member	N6ELK.....	Net Control
K5CC.....	Committee Member	N6OPR.....	Director
K5ERJ.....	Committee Member	N7YG.....	Director
K6DNR.....	Net Control	N9AC.....	W6OI Trustee
K6RDK.....	Data/ Membership Manager	N9AVY.....	Secretary
K7PRZ.....	Committee Member	NP2MR.....	Committee Member
KA0ZPP.....	Director	NZ1I.....	Awards WAC
KA5OVO*.....	Historian (Open)	VA7SJ.....	Committee Member
KA5VVD.....	Committee Member	VE3MEW.....	Committee Member
KC1BTA.....	Scout Award Managerv	W4MAA.....	Committee Member
KC8IM.....	Net Control	W5DJT.....	Committee Member
KD4BVG.....	Committee Member	W9HT.....	Committee Member
KD5DE.....	President	WA2SUH.....	Vice President
KD6FEC.....	Scout Certificage Manger	WA6POZ.....	Past President
KE1HG.....	Committee Member	WB0CON.....	Awards - WAS
KE6OIO.....	Net Control	WB6OJB.....	Net Control
KI6OY.....	Awards-CW	WB9WZI.....	Net Control
KM5EH.....	Director	WM2W.....	Awards – 1000+ Bars
KM5FF.....	Awards-WPX	WN4AMO.....	Director
		* Silent Key	

ANTENNA SAFETY NOTES

Here are a few safety tips that C. B. Cebik W4RNL, #41159 shared in a previous issue of this newsletter.

Static Build-Up: As the wind and weather pass over the antenna elements, a charge builds up. On long wire antennas, it can generate enough of a charge to draw a visible spark across a gap to ground. On smaller antennas it can create unnecessary static. The best way to avoid problems here is to be sure that the antenna is at DC ground. Some antennas are designed with a DC ground; others are not. For low impedance antennas (less than 150 ohms feed point impedance) fed with coax, the simplest way to insure a DC ground is to place

an RF choke across the antenna terminals. This gives you a DC ground [path but leaves the antenna RF-hot. At 10-meters, a 100 micro-H RF choke provides about 1800 ohms of reactive isolation, but a low resistance to charge build-up. Just be sure your coax braid is grounded somewhere along the line so that the charge has somewhere to go other than to your equipment.

Parallel feedline systems, such as all-band doublets require a different treatment, since the impedances they may see can range up to 5000 ohms and more. Here we can use high value resistors where the feedline enters the house. Run 1 MΩ resistor from each line to ground rod where the line meets the shack. It is also useful to add a knife switch or other disconnect

(with alternative contacts directly grounded) to remove the connection to the equipment when the antenna is not in use.

Tower and Coax: Some studies have shown that the bulk of lightning current travels in the shield of the coax. A considerable voltage difference can exist between a tower leg and the coax braid if the first connection between the two is at the bottom of the tower. You may want to consider breaking your coax near the top of the tower, having one section to the antenna with the flex loop to accommodate rotation and another section down the leg of the tower. Securely fasten a plate to the tower leg and use a double female connector with chassis nuts (often called a bulkhead connector) to join the two coax lengths. This gives you a connection between the coax braid and the tower leg. This is not the only ground you should use, but an extra one.

Total Disconnection: During violent electrical storms, surges can enter the station equipment from several sources: the antenna lines, the AC power lines, and ground. When dealing with surges, do not think in terms of complete electrical paths. A surge can charge components, cases, and chassis, and create high voltages across components that are designed for low voltages. Hence, during violent storms, do a complete disconnect.

Outdoors, disconnect all antenna feed lines and reconnect them to a ground rod in the station ground system. Indoors, disconnect antenna feedlines from the station equipment. Unplug all equipment – or that power strip you use as a master switch. Most power switches are single pole, so one must unplug in order to break the neutral and ground line paths along which surges can travel. Also disconnect the station equipment from the master ground lead to the outdoor ground rod system. If you do some careful planning, you can make all these moves in under a minute. Just be sure that all the connections are accessible and require no tools to connection and disconnection.

While it may be true that a direct strike is rare, most damage occurs from nearby strikes that place heavy voltage surges on power lines, antennas, and the ground. You can do a lot to keep them outdoors, where they belong.

Towers: Towers, whether free standing or on the roof top, require some special thought. Too few hams actually study tower installation before putting up the first one. Here are some things to think about:

1. What are the requirements for the tower base, including the concrete, rebar, excavation, etc.? Never under-support a tower at its base.
2. What, if any, are the guying requirements? If a tower is a guyed model, install the guying system to at least the manufacturer's standards. Be certain that guys are correctly and adequately anchored – and that they do not present a hazard to those who use your yard. If the tower can use a building support, be sure that building is up to the job. Most roof-line facial boards on a house are not.

3. Where does the tower go? Place it where it cannot hurt neighboring property (or people) if the tower and antenna fall under the worst conditions imaginable. Also try to place it where it will not hurt your own home and family if it falls.
4. Where do the feedlines go? Be sure that feedlines do not create either an electrical or a physical hazard for family members or visitors.
5. What are the codes? The more urban your setting, the more you may be subject to codes and ordinances that require permits, special requirements (for example, conduit for control voltages over a certain value), inspections, and, in some cases, licensed installers. Do not under any conditions bypass these requirements. Investigate in advance to know what you have to do and what it will add to the cost of the installation.
6. What about intruders? Towers are in some places classified as attractive dangers, which is why they might be to a neighborhood child with an urge to climb. Hollering is a deterrent, but not protection. Consider fencing in or cladding the lower tower sections so that the tower cannot be climbed.
7. Are any of the tower conveniences dangerous? Crank-up and tilt-over towers are convenient, but usually rely on cables, pulleys, and gearing to go up, come down, and stay in position.

Analyze the stresses on these auxiliary parts to ensure that they can safely handle the loads. Develop a maintenance schedule for inspecting and for replacing cables before their lifetime is ended. If they die on the job, disaster often results.

Insurance: Carry all you can afford that may be relevant to hazards that antennas may present. However, never let the existence of insurance be a substitute for the best possible practice in the installation and maintenance of antennas and their supports. The lives you preserve may include your own and those of your loved ones.

This is not a complete look at all the facets of antenna safety. We have not even reminded you to keep your antenna and supports well away from power lines. But perhaps we have said enough to prompt you to do a periodic inspection of your own safety measures – and perhaps some reading into the handbooks and other literature. The three key words are these: protect, divert, and prevent. They are three ways of saying that you care enough to do the very best.

10-10 SCHOLARSHIP FOUNDATION SUPPORTERS

We encourage all of our members to support the 10-10 International Net Scholarship Foundation. Our goal for the 2014-2015 fiscal year was to fund four \$2000 scholarships entirely through member donations outside the dues structure, and we achieved our goal. At the Scholarship Foundation meeting in May at Dayton, the Foundation Board voted to guarantee the funding for five \$2000 scholarships to be awarded in 2016. 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. Mr. and Mrs. Keith Steinkamp sent a Christmas gift donation in the name of Patricia and Jeff Steinkamp, N7YG #65084. If you have an employer matching program, please let us know.

If you make a donation of \$15 or more you will receive the current year pin. For a donation of \$25 or more we will also send you one of the older 10-10 pins. To pay by credit card see payment information on Page 31 or send your check to me or the Data Manager. Our addresses can be found on Page 30.

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

Platinum (\$1000 or more)

N5MT	Michael Davidson	24949
N6JWH	John Hays	75372

Gold (\$500 to \$999)

None

Silver (\$100 to \$499)

None

Bronze (Up to \$99)

WB2ZFG.....	Philip Crepeau	00294
K3TUJ.....	William Jowanowitch, Sr.	07561
WB4DNL.....	Gary Chittum	32075
N7YG.....	Keith Steinkamp	65084
DK7LA	Wolfgang Dethlefs	66048

W8FZ.....	Frederick Stutske	70167
KA4NFL.....	Theadore Elkins	70351
K6WAW	Walter Wright	73354
AE6SG.....	Manuel Borges	74325
N7ELL.....	James Wasson	75662
KF7HJL.....	Carolyn Prather	75678
KD2BXD	Brian Jones	76714
WA2TPQ	David Rice	77465

10-10 SCHOLARSHIP APPLICANT INFORMATION

Each year the 10-10 International Net, through our nonprofit 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 four most recent winners were featured in the Fall issue of the 10-10 News and on the 10-10 website. Over the past 28 years, 10-10 has funded 103 scholarships valued at \$117,000.

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. Completed 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



Edwin KD5ZLB and Mel KD5DE #33513 man the 10-10 booth at the MARA Hamfest in Minden LA.



Silent Keys

Ruth Bartholomew, N0KDB
(#48715)

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
972	WB4FVN	Nellie D Van Voorhis - Clearwater, FL
2015	WB4LRK	Ian M Etheridge - Aiken, SC
2086	W9MYB	Donald H Holmes - Fishers, IN
2255	NJ1J	Arthur A Poulis - Falls River, MA
2606	W8EHH	Michael G Mullikin - Navarre, FL
2968	WA3OVN	Arnold Hiltabidel - Connellsville, PA
3073	K8PIC	Oscar Olsen - Akron, OH
3285	W6LQU	Richard J Sustachek - Clearlake Oaks, CA
4267	WA1NYU	Joseph G Krajewski - Floral City, FL
4677	W4ZTI	Charles W Garrett - Greenville, SC
4715	W3IV	Paul O Oelke - Rockville, MD
5373	W1FDW	Donald P Girard - Townsend, MA
7316	KE7GL	Robert Y Handa - Bellevue, WA
8457	N0FHS	Milton M Sebelik - Estes Park, CO
9048	W3YJG	George J Pfisterer Jr - Huntingdon Valley, PA
10659	WB9OGH	Joseph F Prokop - Libertyville, IL
11073	WB5LOZ	Gary R Purcell - Mooresburg, TN
11858	WB5UDU	Leonard H Eisner - Arlington, TX
12145	WD4IUD	Walter E Peace - Palm Springs, FL
12528	W8QIL	Herbert Lee Drake - Eubank, KY
12542	K8KX	R Marvin Turner - Waverly, OH
13596	WA4QMQ	John W Reasoner - Bowling Green, KY
15236	K0BWR	Charles D Webb - Kirkwood, MO
15984	WB0KIN	Walter E Friant - Marshfield, WI
16561	AF2C	Jay B Musikar - Palm Coast, FL
17770	WD4AEV	Dwight L Alexander - Kings Mountain, NC
17935	VE7DOG	Archibald Harris - Kamloops BC, CAN
18180	K2BSJ	Arthur K Carstensen - Staten Island, NY
19522	WB0FWI	Richard J Olson - Austin, MN
19897	AE3H	Charles E Sculley - New Castle, DE
20337	AL7FI	Rachel L Runyan - Chugiak, AK
20977	W4SCM	Charles A Butz II - Alexandria, KY
21016	WA4RH	Robert Y Hamrick Jr - Manning, ASC
22483	K4ARS	George L Kelley - Vero Beach, FL
24157	W8FX	Karl T Thurber Jr, - Lower Burrell, PA
25221	KB2DE	Peter T Phillips - Canastota, NY
25603	WA6OZZ	John H Elsemore - Anderson, CA

10-10#	Call	Name - City, State
25720	KB3HZ	Allen A Orr III - Cape Coral, FL
25743	WB3FOJ	Howard F Price Sr - Honey Brook, PA
26274	AA5CO	Bruce D Winkelman - Tulsa, OK
26822	WD4BXH	Ernest C Beard - Trussville, AL
29773	WD4EEB	Robert V Barhorst - Covington, KY
30051	NV7NV	Robert K Davidson - N Las Vegas, NV
31142	KA9GVC	Allen L Mc Cord - Anderson, IN
31994	WD8RHP	James G Cordrey - Cincinnati, OH
32070	W7GOX	David A Lefavour - Los Lunas, NM
33149	KD9M	Robert L Gray - Alton, IL
33244	KA4RVA	Tom F Hartstern - Sparta, GA
33367	N2BKJ	Lorenzo J De Leonardis - Commack, NY
33925	W1QMT	James P Maimonis - Arlington, MA
33975	W1VLS	Leroy A Milewski Sr - Milford, CT
34304	W7SS	Thomas F Gohm - Everett, WA
34807	WB2WTT	Charles R Barber - Coudersport, PA
34987	N0DKK	Earl L Bachman - Chester, SC
35487	K8DFC	James L Hoover - Circleville, OH
35654	KA7JNU	Eugene A Mielke Jr - Hood River, OR
37133	K1CAH	Alden J Bonang - Brunswick, ME
37165	KB1IV	Clarence V Thibodeau - Lake Havasu City, AZ
37297	KA5OVO	David C Prichard - Houston, TX
38218	KD9UK	Ronnie E Miller - Muncie, IN
41115	W4NDV	Ronald J Golini - Orangeburg, SC
41489	WB5YDE	Edward 'Mike' Singer - Shreveport, LA
41583	N6KBA	Frank Arredondo Jr - Fresno, CA
42578	N4ODI	Veronica N Hicks - Franklin, GA
44099	WD8CVH	Theodore D Wands - Stow, OH
44524	WD8BNE	Donald R Symonds - Sandusky, OH
46201	W7NJU	Lawrence H Moore - Jerome, ID
47035	WR2R	William J Fortuner - Ilion, NY
47053	N2HGK	John A Gardella - Toms Rive, NJ
47244	KA0OSC	John A Robertsen - Minnetonka, MN
48533	W6RDC	Robert C Bold - Sacramento, CA
48727	K0SBC	Floyd F Findley - Fort Scott, KS
48990	N7LMX	Norton H Heath - Sacramento, CA
49749	KE2PG	Louis J Astafan Sr - Utica, NY
50289	W7EWG	Ernest W Griffith Jr - Port Angeles, WA
50860	WT7Q	Richard G Walker - Everett, WA
50902	N6PGY	Betty J Lathrop - Davenport, WA
51527	G4YNO	Peter W Barnes - Dorset, ENG
51953	N9IPH	Jerry L Aagaard - Salem, WI
52168	W9OGI	Wayne J Flickinger - Marietta, GA
52415	WA1BAM	Richard J Phair - Canaan, CT
52436	K1TMW	Alan G Thorpe - Stratford, CT
53390	WA1ANB	William M Welch Jr - Charlestown, RI
53406	N3HUE	Richard S Bair Sr - Wrightsville, PA
53413	W3WAM	Hugh H Carroll - Greenwood, DE

10-10#	Call	Name - City, State
54363	N4LZY	Jerry E Elkins - Woodbury, TN
54741	W6YN	Donald L Milbury - Ventura, CA
55277	WB0SMW	Lloyd B Madsen - Moorhead, IA
56313	KB0HAA	Franklin W Elliott - Scott City, MO
57190	KG5ZZ	Alice B Prudhomme - Mansfield, LA
58225	W4NWI	Elaine 'Jackie' Depizol - Hemet, CA
58368	W4BSG	William C Aycock - New Market, AL
60016	KM5NC	Buddy E Richardson - Wichita Falls, TX
60216	K9ILX	Bruce W Blanchard - Morris, IL
60393	N6YMH	George C Shippey - Fallbrook, CA
61491	W7APE	Frank A Gabry - Oak Harbor, WA
61614	N1KC	Brian E Bayus - Reston, VA
61783	WA2ZMS	Edward R Egolf - Lakeland, FL
61860	KC4IAV	Marion R Elledge - Greenwood, SC
62117	N5MVL	Michael G Ross - Lubbock, TX
62770	KB2OCW	Donald R White - Prospect Park, NJ
63508	KB4EFE	Elwood T Daughety Jr - Kinston, NC
63672	KG8PM	Douglas J B Smith - Royal Oak, MI
64047	KB9IKN	Paul K Schneider - Green Bay, WI
64362	N5RWQ	William R Loessberg Jr - Richardson, TX
65046	KI5AC	Wayne M Gentsch - Longview, TX
65055	K5CEK	Clifton E King - Sugar Land, TX
65060	N5UZW	Joe G Watkins - Dewitt, AR
65313	N9RFR	Donald H Gray - Esmond, IL
65333	N9VJL	Lisa J Kolbusz Olgren - Green Bay, WI
68094	KM5SM	Joseph L Leger - Lake Charles, LA
68195	W7QM	Allen L Rivers Sr - Olympia, WA
69318	N7OU	William J Vanderheide - Portland, OR
69828	KC2BED	Frank J Pate - Highland, NY
69887	K2ODC	Ronald T Abbott - Wynantskill, NY
69931	NE5S	David R Duskin - Oklahoma City, OK
70224	N8FI	Michael D Fielder - Royal Oak, MI
70672	WA7FBJ	Ronald J Young - Houston, TX
70960	WD4PEL	Marion L Davis - Appling, GA
72031	W9MPD	David A Floyd Sr - Boulder City, NV
72622	NJ5M	Patrick J Murphy - Vinita, OK
73173	K7TOI	Tonie M Hollingsworth - Caldwell, ID
73470	K0IH	John P Hauner - Lincoln, NE
73939	K7DRL	Don R Livingston - Henderson, NV
75361	KC2SXZ	Harry M Engle Jr - Elmira, NY
76078	WB9EBX	Paul F Welty - Fort Wayne, IN
76414	KD5PPK	Barbara M Teaster Hancock - Benton, AR
76628	KE7HD	John A Greene - Phoenix, AZ

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

Ruth 73/88, N0KDB #48715

RANDOM BURST FROM CHARLIE WA2HMM #40510

Charlie needs Maine and Rhode Island for 10-10 WAS.

DORTMUND HAM-RADIO DAY

Members of the Hanse and Branding Iron Chapters represented 10-10 International Net at the „Dortmunder Amateurfunk Tag“ (Dortmund Ham-Radio Day) on December 5, 2015.



L-R Monika DB9DF #74506, Jorgen DL5HAN #69621, Elke DL5HCN #69620, and Peter DL6DK #39944.

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>

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 \$15 you will receive a current year's lapel pin as a thank you gift, and for \$25 or more a second pin from a previous year will be sent. To pay by credit card, see the payment information on page 31. Your check should be made payable to the 10-10 Scholarship Foundation and sent to the Data Manager (address shown above) or the Scholarship Manager:

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

TEN-TEN QSO PARTY RULES

5.2 10-10 QSO PARTIES

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

5.2.1 WHO IS ELIGIBLE?

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

5.2.2 WHEN ARE THE QSO PARTIES?

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

Winter Phone - held on the first full weekend in February
0001 UTC Saturday through 2359 UTC Sunday.

Spring Digital - held on the last full weekend in April.
0001 UTC Saturday through 2359 UTC Sunday.

Spring CW - held on the first full weekend in May.
0001 UTC Saturday through 2359 UTC Sunday.

Open Season (PSK) - held on the first full weekend in June
0001 UTC Saturday through 2359 UTC Sunday.

Spirit of 76 - 7 day, 6 mode event 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:

INDIVIDUAL: 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.

QRP: same as an individual as listed above except that output power does not exceed 5 watts with CW/Digital operations and/or 10 watts with Phone operations during 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 and whose operating location is within 150 miles of the primary net location of that charter, 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 15 days after the entry deadline, regardless of postmark, will be discarded. All logs may be sent via Email. Logs (if cabrillo, adif, or text) may also be uploaded at www.hamclubs.info/scorer/. Please no .Q95 files.

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 15 calendar days (this will always be a Monday) after the close of the event. Mailed entries for the Sprint (held on 10/10) shall be postmarked no later than October 25th, unless that day falls on a Sunday, then the postmark deadline shall be October 26th.

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, 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 15th 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/VE9TEN/DL0X SPECIAL EVENT

This event is held during the 3rd weekend of November each year from 0001 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 party event - name, call, QTH, 10-10 number if one is available. As contacts are made, provide info on 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.

2016 10-10 QSO PARTY COVER SHEET

Event	Dates	Postmark	Event	Dates	Postmark
Winter Phone	Feb. 6-7	Feb. 22	Summer Phone	Aug. 6-7	Aug. 22
Spring Digital	April 23-24	May 9	Sprint	Oct. 10	Oct. 25
Spring CW	May 7-8	May 23	Fall CW	Oct. 15-16	Oct. 31
Open Season	June 4-5	June 20	Fall Digital	Nov. 12-13	Nov 28
Spirit of 76	July 4-10	July 25	Anniversary (54)	Jan. 1 - Dec 31	Jan. 15
			Meet the Volunteers	Jan. 1 - Dec. 31	Jan. 15

Name _____ Call _____ 10-10# _____

Address _____

City _____ State/Province/Country _____ Zip _____

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

PLEASE LIST CONTEST EXCHANGE

Call _____ Name _____ 10-10# _____ QTH _____

ENTRY TYPE

- ☐ **INDIVIDUAL**
- ☐ **QRP** 10 watts or less Phone,
5 watts or less CW/ Digital
- ☐ **MOBILE** See QSO Party rules.
- ☐ **CLUB** Only for those operating
as a Club Station. If Operating under
a Club call, please list all operators and
their 10-10 numbers (if any) on the log.

**US Call Area (W0-W9)
Or ARRL DX Country
You operated from**

**Chapter Assignment
(Not valid for Sprint)**

Claimed Score

Contacts WITH
10-10 Number: _____ x2= _____

Contacts WITHOUT
10-10 Number: _____ x1= _____

Total
Contacts: _____ Total Pts _____

All submissions must contain this cover sheet (or a reasonable facsimile), the log in UTC Date/Time order,
And a Dupe Sheet (if more than 50 contacts) in call sign order or in grid format.

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

**Logs may be emailed to tentencontest@ten-ten.org. Members are encouraged to upload logs at the KJ4IZW con-
test scoring web site: www.hamclubs.info/scorer.**