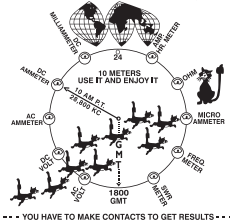


TEN-TEN INTERNATIONAL NET, INC.



# TEN-TEN INTERNATIONAL **NEWS**



Member  
AMATEUR RADIO  
NEWS SERVICE

Volume 52 Issue 4

October 2015 (Fall)



## Winners

## 2015

## Scholarship



**GIRL SCOUTS**

## Scouts on Ten



BOY SCOUTS OF AMERICA

## The Ten-Ten International News

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

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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 December 2015**

**PLEASE MAIL ALL ARTICLES AND PHOTOS TO:**

**EDITOR Ten-Ten News**

**E-mail: [editor@ten-ten.org](mailto: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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## OFFICERS AND DIRECTORS

**President**

Mel Sojka, KD5DE #33513 (2016)

353 Atlantic Ave., Shreveport, LA 71150-2909

(318) 861-7012 ..... [kd5de@ten-ten.org](mailto:kd5de@ten-ten.org)

**Past President**

Gerry Gross, WA6POZ #21274

1626 Shakespeare Dr., Tallahassee, FL 32317-8688

(850) 877-8134 ..... [wa6poz@ten-ten.org](mailto:wa6poz@ten-ten.org)

**Vice President**

Larry Berger, WA2SUH #00407 (2016)

9 Nancy Blvd., Merrick, NY 11566-3119

(516) 223-4611 ..... [wa2suh@aol.com](mailto:wa2suh@aol.com)

**Secretary**

Jerry Heien, N9AVY #43313 (2016)

P.O. Box 193 Marengo, IL 60152-0193

(847) 609-2806 ..... [n9avy@sbcglobal.net](mailto:n9avy@sbcglobal.net)

**Treasurer**

Keith Schlottman, KR7RK #63324

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

(520) 290-5883 ..... [keith@schlottmancpa.com](mailto:keith@schlottmancpa.com)

**Directors**

Robert L. Farrow, N6OPR #45715 (2016) - Daily Nets

23417 S 180th Street, Gilbert, AZ 85298

(562) 631-1393 ..... [n6opr@msn.com](mailto:n6opr@msn.com)

Ray Moyer, WD8JKV #20805 (2018) - Planning

303 Westover Dr., Euless, TX 76039-2081

(817) 283-8452 ..... [wd8jvk@ten-ten.org](mailto:wd8jvk@ten-ten.org)

Terry Webb, N0TW, #36547 (2016) - QSO Parties

1103 Fulford Road, Monticello, FL 32344-4352

(614) 216-5334 ..... [n0twterry@yahoo.com](mailto:n0twterry@yahoo.com)

Paul Hemby, WN4AMO #73825 (2016) - Publicity

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

(386) 837-6101 ..... [pheby@hotmail.com](mailto:pheby@hotmail.com)

Marcus Lieberman, KM5EH #71103 (2018) - Awards

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

(505) 836-1724 ..... [buckml@lobo.net](mailto:buckml@lobo.net)

Roger Olson, AD4RX #67754 (2018) - Publications

1032 Anclote Dr., Tarpon Springs, FL 34689-2015

(727) 934-5243 ..... [ad4rx@ten-ten.org](mailto:ad4rx@ten-ten.org)

Cliff Taylor, K5FBS #48461 (2018) - Chapters

179 Mystic Lane, London, KY 40744

(606) 312-2062 ..... [k5fbs@yahoo.com](mailto:k5fbs@yahoo.com)

Jeff Steinkamp, N7YG #65084 (2016) - Internet

6765 E. Rosewood Cir., Tucson AZ 85710

(520) 546-2290 ..... [n7yg@n7yg.com](mailto:n7yg@n7yg.com)

## NET OFFICIALS

**Certificate Manager**

Ruth Bartholomew, N0KDB #48715  
 1043 Franklin Court, Sullivan, MO 63080-5502  
 (573) 468-2898 or (314) 479-5474 ..... [n0kdb@fidnet.com](mailto:n0kdb@fidnet.com)

**Chapter Coordinator**

Cliff Taylor, K5FBS #48461  
 179 Mystic Lane, London, KY 40744  
 (606) 312-2062 ..... [k5fbs@yahoo.com](mailto:k5fbs@yahoo.com)

**Data Manager / Supplies**

David Smith, K6RDK #65812  
 1349 Vernon Terrace, San Mateo CA 94402-3331  
 (telephone no. not available) ..... [membership@ten-ten.org](mailto:membership@ten-ten.org)

**Editor 10-10 International News**

Randy Mather, AJ7B #7675  
 9625 101st Ave NE  
 Arlington, WA 98223 ..... [editor@ten-ten.org](mailto:editor@ten-ten.org)

**General Counsel****Net Manager**

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

**QSL Bureau Manager**

Terry Webb, N0TW, #36547  
 1103 Fulford Road, Monticello, FL 32344-4352  
 (614) 216-5334 ..... [n0twterry@yahoo.com](mailto:n0twterry@yahoo.com)

**QSO Party Manager**

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

**Scholarship Manager**

Larry Berger, WA2SUH #00407  
 9 Nancy Blvd., Merrick, NY 11566-3119  
 (516) 223-4611 ..... [wa2suh@ten-ten.org](mailto:wa2suh@ten-ten.org)

**SK Manager**

Ruth Bartholomew, N0KDB #48715  
 1043 Franklin Court, Sullivan, MO 63080-5502  
 (573) 468-2898 or (314) 479-5474 ..... [n0kdb@fidnet.com](mailto:n0kdb@fidnet.com)

**W6OI Station Trustee**

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



## From the Editor

Randy AJ7B  
 (#7675)

It has been one year since I took on the role of Editor for this newsletter. In that time I have learned a lot about getting a quarterly publication out to a readership. Besides learning how to use new publishing software, there is a myriad of people you have to get to know. Then you have to build a relationship with each one.

Every single contributor to this newsletter over the last year has been very patient with the newbie. I have received plenty of advice and assistance. My thanks go out to all who assisted me with getting this newsletter out to the members of this organization.

What amazes me is the number of people it takes to put this publication in your mailbox and on the web each quarter. You probably know the regulars. Of course, Mel, our president does a column each time. The other regulars are Cliff Taylor (Chapter News), Mike Davidson (DX News), Bob Farrow (Net Report), Dan Morris (QSO Parties), Ruth Bartholomew (Silent Keys), Terry Webb (QSO Bureau) and Jerry Kopstein (Club Station).

Some others that aren't specifically credited with their work in the newsletter are David Smith (Life Members), Larry Berger (Scholarships), Marcus Lieberman (Awards), and Mel again for Volunteer list updates and Top Op Awards. Another very important group that I can't forget is the team of people who review the newsletter before going to press. Their leader is Roger Olson, our Publications manager. Helping him is Peggy Porterfield (K5BKT), Larry Berger (WA2SUH) and Mel (KD5DE).

All these people put forth a great effort to help keep you informed of what is happening in the 10-10 International net organization. Without them, and other article contributors, I would have nothing to put in a newsletter. If you should meet any of these people, either in person or on the air, you might want to thank them for their contribution to the organization. I look forward to working with all the newsletter contributors in 2016 and hope we have more good news about 10 meters.

Oh, by the way. That 7-foot hole I referred to in the last edition is now filled with concrete. A tower rises 55 feet into the air and a brand new Hy-Gain beam sits on top to catch all those DX signals passing through the Northwest. Hooray, the project is done.



## From the President

Mel Sojka, KD5DE  
(#33513)

### UPPER LEVEL QRM

I mentioned last quarter that the struggle to maintain a desirable level of current members is an on-going challenge. Currently we lose approximately 10 members to the SK rolls for every new member we gain. David Smith, K6RDK, #65812, our Membership Manager makes a superb effort to maintain our current members by using both Postal and email reminders of membership status. Our Directors and Managers promote Ten-Ten, on the air and at events. All considered seeing current membership over 10 thousand seems to be an impossible goal, but last time I looked dreams were still free and not taxable.

The end of the CB craze, eventually provided thousands of new hams. The beginning of the Cell Phone and Social Media era has created a decline in Amateur growth. This has motivated some groups to seek new members from those that are about to or have recently retired. Great plan, but shallow in implementation. With the ever increasing cost of living, unstable economy, and the fear of financial disaster, many can not justify the cost of the hobby. The uncertainty of senior health is always present.

Those of us who have been Amateurs for many years and have looked forward to retirement, allowing for time to enjoy the hobby also face unknowns. Your health or the one of your spouse can restrict your participation. When I was first licensed my station was in the corner of a bedroom. My antenna was a wire, and my equipment was minimal. Now with several HF, VHF, and UHF rigs with all the supporting goodies it appears that I may have to abandon my shack and move back into a corner in the bedroom. I can't leave my wife for more than an hour without issues.

Maybe my desire to involve the Boy Scouts and Youth groups does have some credibility. Young people today far exceed previous generations in technical ability. My youngest Granddaughter is 16 months old at this writing. She entertains herself with her Mom's cell or when at home, she has her own iPad! This far exceeds the early years of her Mom and my oldest Grandchild who are both 23. For Amateur Radio to continue as a viable avenue for both hobby and emergency communications this pool of knowledge must be utilized. Elsewhere, in this edition you will find an update on the Scouts on Ten Award.

With the advent of software up-gradable transceivers, and software defined transceivers, we are seeing this technology available. Elsewhere, in this edition of the News you may find a photo of my home brew SDR station for 10/12/15 meters.

My current project is a standby 10 watt amplifier. Yes, I have made PSK and CW contacts with this rig at 1Watt. I have tried to check into the 1800 net twice with no luck so far. Maybe with the AMP?? It is inconceivable what the future of Amateur radio will entail.

This year the Texas Ham Com moved from the Plano Texas location to a new facility in Irving Texas. From the initial announcement the negative comments began to flood the Social Media. Well every one of them was incorrect. The new site was multistory and offered more room than anyone expected. The flea market was small but could have been easily allowed to be huge. The event used only half of the second floor. Attendance was much larger than anticipated. There was a significant increase in the number of vendors. Due to this we were moved into a high traffic vendor area. The gathering in front of our booth was for the dealer across the aisle. With the help of Mike Davidson, N5MT #24949 and Ray Moyer, #20805 we were able to have an increase in the number signing the log and we able to make many renewals.

The next event for me was the Local hamfest. Because of the success and over crowding last year this event was also moved to another location. The location was on the state fairgrounds and was very easy to access right off of the interstate. There were a few downsides. Being a State public building it was under the control of the Fire Marshal; because of this some vendors were canceled due to restricting access to fire exits. We were moved to a dark corner that was only passed on trips to the restrooms. I could have made some changes and it would have been better, but we still had an increase over last year's signatures in the log. I look forward to the 2016 event.

The election process will begin in January, 2016. This round there will only be 3 Director positions on the ballot. In 2014, it was voted to reduce the number of Directors to 6. The Planning Director was responsible for the now nonexistent convention effort. The Internet Director will convert to a Manager. Another massive change is the removal of board meetings requiring travel. Board meetings will be held via the Internet and will allow members that can not travel the opportunity to run for office. The only requirement for attendance is an Internet connection. (I am aware of at least 3 highly qualified members that could not run for office due to personal or family issue that forbid travel.) The meeting will continue to be public allowing for up to 100 guests that can communicate with the moderator via email. The removal of the travel requirement allows for those that are currently employed to also seek office. I do encourage the current members to consider running for office. All but one of our Directors is over 65 and we have one that is 76. This doesn't allow for many fresh ideas!

Of course many of the problems on ten seem to move to the background when the band opens. Then another set of problems appear concerning good operating practice. One must admit ten meters will always be of interest. For now I hope to work you soon.

God Bless & 73  
Mel KD5DE #33513





## Chapter Coordinator

Cliff Taylor, K5FBX  
(#48461)

### GENERAL NEWS

1) If your chapter is planning a special sometime during the months of January, February or March 2016, please let me know and I will announce it in the next newsletter.

2) During the months of June, July and August, the following chapters have sent in either quarterly reports or chapter updates, and, therefore, are alive and well: Aloha, Arizona Desert, City of Roses/Portland Bridges; Cradle of the Confederacy, Gateway, Hanse, Minuteman/Old Ironsides, New Waterkant, North Georgia, Restoration Project, Speedway, Tango, and Windfarms. Many thanks to the officials of these chapters for keeping us up-to-date.

3) Over the years I have gotten queries about whether chapters are still going on or if chapter seals are still valid. There are a couple of places to check on chapters. The first place to look is on the 10-10 International Net, Inc., web site in the "10-10 Chapters" section under CHAPTERS. Another place to look is on the internet on the WIN1010DL website and scroll down to the CHAPNAME listing. While there you can also view the SEALNAME listing for all current seals. If you are a Chapter Head or Certificate Manager, you will certainly want to look at the SEALNAME listing to insure that K4HAV, through the Chapter Coordinator, has your seals either shown or deleted as appropriate.

Just a Reminder for Quarterly Reports Due During the Next Few Months;  
(December '15) Cincinnati Area Ten Tuners; Up the Crick

Quarterly Reports Currently Due: (This article was sent to the Editor on 31 August so any quarterly reports sent after that date will be noted on my notifications of "Changes to the 10-10 Chapters" section of the 10-10 website and included in the next newsletter) (February '15) Route 66, (March '15) Kentucky Cardinal, Springbok, (April '15) New Mexico Mud Ducks, (May '15) Maine-iacs, (July '15) 10-Bar-X, Chesapeake Bay, Fort McHenry/ Cornerstone/ Yodar Kritch;

### CHAPTER NEWS

1) Boomtown: This chapter is now QRT due to SK of CH/CM.

2) Channel Islands: CAN YOU HELP? (I received this email from John Kitchens, NS6X, on August 28)

I have left a few emails for the people listed at the website, Stewart, Jim and Mac, to see about the Channel Islands Chapter. The website has not been updated since 2005 (we will all be SKs at some time). This is the second time the Channel Islands Chapter has been formed, and is it the second time it is closing? I would like to maintain the chapter. How am I allowed to do that, if I am? I have none of the records.

3) Effective immediately, every member of City of Roses and Portland Bridges are Instant qualifiers for the chapter and bridge award.

I've reworked all 10 of the optional Bridge worksheets and made them a little easier. If you are working on one, and want a copy of the revised worksheet, email me.

I am not issuing St. Johns Bridge seals. They are not collectable.

As you may remember, there are 10 car bridges over the Willamette River in Portland. (A new bridge is about to open carrying only buses, MAX light rail, bikes and foot traffic.) (Did I mention that Portland is nuts over bikes?) Each worksheet requires you to work a Portland Bridge member crossing or near to one of the bridges. If someone needs a contact with a local member here, let me know and I'll mention it to the locals. Propagation is not ideal this summer but who knows? Hopefully, in September the band will open across the country again.

My secondary email is [moonchant33@gmail.com](mailto:moonchant33@gmail.com) (for whenever I dump y k7prz@isp.com isp.)

4) Cradle of the Confederacy: The CM's new email address is [pcsalley@gmail.com](mailto:pcsalley@gmail.com).

5) Restoration Project: The correct email address for this chapter is [ve7ssj@shaw.ca](mailto:ve7ssj@shaw.ca).

Chapters that Accept Upgrades Via Email (As of 1 June 2015)

All of 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 to be on the safe side, a detailed listing of the upgrade should be kept 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](mailto:wh6s@outlook.com). Use form available from the CM.

Bauxite - CM K5BKT, [k5bkt@nwla.com](mailto:k5bkt@nwla.com) - Bauxite and Arkansas Visitor #'s only

Bay Area - CM K6RDK, [k6rdk@arrl.net](mailto:k6rdk@arrl.net)

Boomtown - CM N5EBA, [ed\\_cisse\\_neal@yahoo.com](mailto:ed_cisse_neal@yahoo.com)

Branding Iron - CM, [bic-cm@voits.de](mailto:bic-cm@voits.de)

Branding Iron II - CM N5SCA, [strelowdaryl@gmail.com](mailto:strelowdaryl@gmail.com)

Castle Craig & Castle Craig Plus- CM N1API, [n1api@cox.net](mailto:n1api@cox.net)

Chesapeake Bay- CM N3TGB, [n3tgb@aol.com](mailto:n3tgb@aol.com)

\*City of Roses & Portland Bridges - CM K7PRZ, [k7prz@isp.com](mailto:k7prz@isp.com). Alternate email [moonchant33@gmail.com](mailto:moonchant33@gmail.com).

Colorado Centennial/ Colorado Frontier Gang/Centurion/Golden Aspen- CM WB0CON, [wb0con@comcast.net](mailto:wb0con@comcast.net).

\*Cradle of the Confederacy - CM K4PO, [pcsalley@gmail.com](mailto:pcsalley@gmail.com)

Down Under- CM ZL1AFU, [zl1afu@nzart.org.nz](mailto:zl1afu@nzart.org.nz)

Electric City - CM WA2OIZ, [istillwell@att.net](mailto:istillwell@att.net)

Fort McHenry, Cornerstone & Yodar Kritch - CM K3TUI, [k3tuj@juno.com](mailto:k3tuj@juno.com)

Gold City- CM K4QHH, [rabisch@hotmail.com](mailto:rabisch@hotmail.com).

Hanse - CM DL5HAN, [dl5han@t-online.de](mailto:dl5han@t-online.de)

Houston S.H.O.T. - CM N5MT, [n5mt@aol.com](mailto:n5mt@aol.com)

Keystone & Keystone Stars - CM KA6GPC, [ka6gpc@aol.com](mailto:ka6gpc@aol.com)

Major League Baseball - CM N6OPR, [n6opr@msn.com](mailto:n6opr@msn.com)

Minuteman & Old Ironsides - CM WA1ENO, [wa1eno@hotmail.com](mailto:wa1eno@hotmail.com)

Neanderthal - CM PA2NJC, [cm.neanderthal@online.de](mailto:cm.neanderthal@online.de)

New Mexico Mud Ducks - CM KM5EH, [buckml@lobo.net](mailto:buckml@lobo.net)

New Waterkant - CM DK7LA, [dk7la@t-online.de](mailto:dk7la@t-online.de)

North Georgia - CM W4GKF, [10X@chazcone.com](mailto:10X@chazcone.com) or [10X@w4gkf.com](mailto:10X@w4gkf.com)

Oregon Trail - CM W7HO, [w7ho@w7ho.com](mailto:w7ho@w7ho.com) or [w7ho@arrl.net](mailto:w7ho@arrl.net)

Portland 500 - CM W7HO, [w7ho@arrl.net](mailto:w7ho@arrl.net) or [w7ho@w7ho.com](mailto:w7ho@w7ho.com)

Republic of Texas - CM WD8JKV, [wd8jkv@ten-ten.org](mailto:wd8jkv@ten-ten.org)

\*Restoration Project- CM VA7SJ, [ve7ssj@shaw.ca](mailto:ve7ssj@shaw.ca)

Sky Blue Waters & Tin Lizzie - CM KA0ZIA, [sbwtl1010@gmail.com](mailto:sbwtl1010@gmail.com).

Santa Fe Trail- CM KA9PCU, [ka9pcu@centurylink.net](mailto:ka9pcu@centurylink.net)

Space Coast - CM K5FBS, [k5fbs@yahoo.com](mailto:k5fbs@yahoo.com)

Speedway- CM W7CAR, [w7car@yahoo.com](mailto:w7car@yahoo.com)

Springbok - CM (for all except Oceania, Asia) W4ZYD, [w4zyd@bvunet.net](mailto:w4zyd@bvunet.net) - CM (for Oceania, Asia) ZL3KR, [zl3kr@clear.net.nz](mailto:zl3kr@clear.net.nz)

Steamboat Plus - CM KD5DE, [kd5de@nwla.com](mailto:kd5de@nwla.com)

Steel City - CM KE9WZ, [ke9wz@windstream.net](mailto:ke9wz@windstream.net)

Trail Driver - CM N5SCA, [strelowdaryl@gmail.com](mailto:strelowdaryl@gmail.com)

Twin Cities - CM K0DBK, [kzerodbk@gmail.com](mailto:kzerodbk@gmail.com)

These addresses are as current as the information you provide. If there are any additions, corrections or deletions to this list please contact the Chapter Coordinator, K5FBS, Cliff Taylor via email at [k5fbs@yahoo.com](mailto:k5fbs@yahoo.com) or via "snail" mail to 179 Mystic Lane, London, KY 40744-9517.

## Ten-Ten Top Operator Award

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

The Top Operators for Q3 are:

Operator - **NX5Z Allen Brier #4530**

Net Control - **N0TW Terry Webb #36547**

## 10 Meter Beacons

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

I would appreciate a message from anyone with thoughts of activating a beacon. [wj50@amsat.org](mailto:wj50@amsat.org)

73 Bill WJ50

IARU Region 2 HF Beacon Coordinator

<http://www.qsl.net/wj50/bcn.htm>

## 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](mailto:editor@ten-ten.org).

## TEN-TEN NET GUIDE

As of September 1, 2015

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0300	0400	Chief Seattle	Seattle, WA	28430	T/W	2330	0030	Republic of Texas	Eules, TX	28460
SUN	1300	1400	Arlington	Arlington, VA	29200	T/W	2330	0030	Minuteman/ Old Ironsides	Saugus, MA	28409
SUN	1400	1500	Neanderthal/ Springbok	Leichlingen, DL	28355	WED	0001	0100	Castle Craig	Meriden, CT	28375
SUN	1430	1430	Cincinnati Area Ten Tuners	Milan, IN	28960	WED	0100	0100	Cincinnati Area Ten Tuners	Milan, IN	28800
SUN	1630	1730	Possum Trot	Raeford, NC	28345	WED	0100	0200	Houston SHOT	Houston, TX	28488
SUN	1700	1700	Major League Baseball	Gilbert, AZ	28375	WED	0100	0200	Gateway	St Louis, MO	28650
SUN	1800	1900	Portland 500	Portland, OR	28350	WED	0200	0300	10 Bar X	Canutillo, TX	28445
SUN	1900	2000	Oregon Trail	Dallas, OR	28803	WED	1400	1500	EU DX/Branding Iron	Bergamen, DL	28355
SUN	1930	1930	North Georgia	Atlanta, GA	28410	WED	1700	1700	Gold City	Rutherfordton, NC	28425
SUN	1930	2030	Steel City	Eubank, KY	28420	WED	1700	1800	Channel Islands	Oxnard, CA	28340
SUN	2030	2030	Santa Fe Trail/ Springbok	Galesburg, IL	28385	WED	1930	1930	Route-66	Boonville, IN	28370
SUN	2100	2200	Possum Trot	Raeford, NC	28150 CW	WED	1930	1930	Windfarms	Livermore, CA	28485
MON	0001	0100	Chesapeake Bay	Chestertown, MD	28435	W/T	2359	0059	Battle Road	Mason, NH	28390
MON	0100	0100	Arizona Desert 10-10 Net	Phoenix, AZ	28445	THU	0001	0001	Cradle of the Confederacy	Pike Road, AL	28350
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	0100	0200	Gateway	St. Louis, MO	28650
MON	0100	0100	Lonestar	Arlington, TX	28460	THU	0100	0100	Cow Town	Arlington, TX	28460
MON	0130	0230	Bauxite	Benton, AR	28470	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
MON	2030	2030	Space Coast	London, KY	28355	THU	0100	0200	Channel Islands	Oxnard, CA	28340
MON	2330	2330	Sky BI Wtr/ Tn Lzz/Twn Ct	Inver Grove Heights, MN	28380	THU	0230	0330	Windfarms	Livermore, CA	28485
TUE	0001	0001	Branding Iron	Kemper, TX	28325	THU	0230	0330	Up The Crick	Eugene, OR	28450
TUE	0001	0100	Ft McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370	THU	0300	0400	Chief Seattle	Seattle, WA	28430**
TUE	0100	0200	CO Centennial/ CO Frontier Gang	Lakewood, CO	28340	THU	0300	0400	Speedway	Rainier, OR	28350
TUE	0100	0200	City of Lights	St Charles, IL	28150 CW	THU	1930	1930	Branding Iron	Kemper, TX	28345
TUE	0130	0230	City of Lights	St Charles, IL	28720	FRI	0001	0100	Fort McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370
TUE	0130	0230	Bauxite	Benton, AR	28470	FRI	0310	0410	Kentucky Cardinal	Russellville, KY	28600
TUE	0130	0230	OK Route 66	Oklahoma City, OK	28390	FRI	0310	0410	Kentucky Cardinal	Russellville, KY	28480
TUE	0300	0400	Bay Area	Hayward, CA	28475	FRI	1400	1400	New Waterkant	Boerm, DL	28355
TUE	0300	0400	Chief Seattle	Seattle, WA	28430	FRI	2230	2130	Down Under (Summer in NZ is winter in US)	Auckland, ZL	28530
TUE	0430	0430	Aloha	Hilo, HI	28490	SAT	0001	0100	MAINE-iacs	North Haven, ME	28777
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835	SAT	0300	0400	Chief Seattle	Seattle, WA	28430**
TUE	1800	1800	Electric City	Melbourne, FL	28425	SAT	1430	1530	Steamboat Plus	Shreveport, LA	28430
						SAT	1400	1400	Hanse	Hamburg, DL	28355
						SAT	1500	1600	Republic of Texas	Eules, TX	28460
						SAT	1510	1610	Louisiana Pelican 10-10 Net	Livingston, LA	28450

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SAT	1600	1700	City of Roses/ Portland Bridges	Ridgefield, WA	28835
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

\*\* Indicates a change since the last published list.

All changes to the above times and/or frequencies should be referred to the Chapter Coordinator if you desire your net information to be accurate. Chapter Coordinator: K5FBS, Clifford A Taylor, 179 Mystic Lane, London, KY 40744. E-mail: k5fbs@yahoo.com.

There are also various 10-10 daily SSB nets (except Sunday) on 28.800 and 28.380 MHz. Information on these nets showing day of week and net control stations is listed under the category "Daily Nets" on the website.

## HOW I STARTED IN HAM RADIO

My Ham Radio beginning started as a Novice in the Middle of 1959. My interest in Ham Radio was started while I was an "Air Explorer" (Boys Scouts). I had obtained an ARRL Handbook, back then it was less than \$10.00 I found a simple Transmitter for 80 meters using a 6L6 tube, built on wooden rails. I spoke to a ham I knew, K2YMO, who I can't locate now; about a ham license. He was a General, which was all it took to get a Novice packet from the FCC back then. John administered the test to me in early 1959, I passed. I then built the simple transmitter from the Handbook. I was loaned a simple Heathkit receiver, AR-3, and I waited for my license to arrive in the mail. My call sign was WV2HMM. My Dad let me set up a simple shack in our attic, and a dipole in the back yard. My first contact on 80 meters was with Bob Lafferty, WV2FNL, who lived a couple blocks away. I couldn't get out of Nassau County, Long Island-NY.

I did receive a very nice QSL from the FCC office in Maryland. They told me my 40 meter sign was 599. But unfortunately it was outside the US Band. My father was steaming. He did not want to get mail from the Federal Gov't about my ham radio. He locked the door to the attic shack. I told him it was the transmitter that was the problem. I told him I would not have any more mail from the FCC, if I had a Heathkit DX-20. Back then all novices had to use crystal control and run 75 watts. The DX-20 was crystal control and ran 75 watts.

That Christmas, 1959, under the tree was a large box; it was a DX-20. It took me 2 full days to build it, and test it. No more QSLs from the FCC.

Over 50 Years later, while working for Motorola in Holtsville, NY, who should I meet in the dining area; but Bob Lafferty. He was my first ham Radio QSO, WV2FNL.

I am now an Extra, WA2HMM, and an avid DXer.

Charlie Rankin - WA2HMM #40510

## VISITING BALTIC CAPITALS

I was fortunate to be on a cruise ship visiting Baltic capitals in June. The first stop was at Kiel, a German port. Wolf, DK7LA and his daughter, Anja, DJ3ADK were at the end of the gangway when we arrived. They drove us to Wolf and Marianne's home in Borm with sightseeing along the way. We were delighted to see many 10-10'ers at the house for a bar-b-que. I had spoken with many of them over the years and it was wonderful to make an eyeball contact and shake many hands. Of course, we did a backyard net!



Anja took this photo, so she is the only one not in it. Not in correct order are Wolf, Henry, DL8YBM, Manfred, DL8LAC, Marcus, KM5EH, Marianne, DJ3LA, Helmut, DK4VO, Gunter, DJ7WG, Kurt, DG3LAR, Hans-Joachim, DJ9OI, Rainer, DB2LU, Jurgen, DL5HAN, Elke, DL5HCN and several XYs.

Marcus Lieberman - KM5EH #71103

## 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.





## DX NEWS

Mike Davidson, N5MT  
(#24949)

A real-time band condition web site named [www.bandconditions.com](http://www.bandconditions.com) is available on the internet for your lookup. The experimental web site provides 24/7 real-time conditions for all ham radio interest for contest, nets and casual QSOs. The web site info is based on a new method of HF ionospheric soundings which operates like the POLSAR system used by NASA. I used this site during the 10-10 Summer QSO Party to watch the propagation as it changed. Give this new web site a try as it should help your country count increase! The 10-10 Summer SSB QSO Party this past August was only an "average" event for many members. I operated all but three hours of the QSO Party as someone wanted to get lunch away from the house! So my score was lower than I could have submitted. During the QSO Party, I did not talk into Europe as expected but South America was the direction to put my beam for most of the afternoon contacts. Propagation on Saturday was better to the north with S. America in the afternoon and on Sunday I made 75% fewer contacts with poor conditions. There was some backscatter on both days, but these signals were very weak and up-and-down so that many weak signals did not make it into the computer log. Sometimes it helped to come back to a frequency and check conditions again after 15 minutes to see if you could talk with a weak signal. My log had just under two hundred contacts for the Summer QSO Party.

The 10-10 table at the June HamCom convention in Irving, Texas was better attended than the previous year. The venue was much bigger than the old Plano site. The table was across from a commercial dealer who rang a large bell whenever they made a sale and it was ding-dong all day! I think we had about 25% more names in the sign-in book than in 2014.

Well, I hope you made some contacts during the Field Day in June as Ten meters was open. I operated with a group of three clubs in a 9A setup with a GOTA station. We had four towers with beams and we setup the radios in an air conditioned building while the outside temp got up to 97 degrees. The solar flux got up to my expected 110-115 which helped us make more contacts than last year even though we had to shutdown for an hour during

an electrical storm! I have a camera picture taken almost at midnight outside that looks as if it's daylight from all the lightning flashes. Good luck with your FD score.

Look at the **Upcoming DX section** as you will find what could be a first time 10-10 event! St. Barthelemy will be an easy contact if Bill **K2HVN** #14073, gets on in the Ten Meter contest and likewise for Vietnam, Chesterfield and South Cook Islands this fall.

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

**Countries Award:** There was no Basic Countries Award and no upgrades issued this past quarter. If you apply for any 10-10 award, you must have your dues paid up, use a form at the 10-10 website or special software that prints the correct 10-10 forms for emailing.

### GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

**A2 Bahrain.** Chuck **A92AA** #16955, was active using his call in June, especially in the IOTA contest in July.

**C6 Bahamas.** Ed **AA7A** #11185 and Larry **WO7R** #43471, were on Eleuthera Island from June 7-16th.

**C8 Mozambique.** Doc Arnold **WB6OJB** #70675, started operating on August 22nd as C81AK for seven days. Andre **KR5DX** #73604 is helping Doc on this trip and Andre may have operated as well.

**EA6 Balearic Islands.** Andrea **EA6/DK5ON** #54260, was active from June 30th to July 7th on Balearic.

**HP Panama.** I talked with Dave **HP8KJW/K2RBW** #18283 who is from the USA and has moved to Panama. Dave operated using call sign KZ5DR when the Canal Zone was on the air years ago. The Canal Zone is now a deleted country but if you have an old contact, it counts!

**K USA.** Ray **KF3N** #24567, was on Sunset Beach NC from August 9-15th on both CW and SSB. LoTW.

**KP2 US Virgin Islands.** Operators Sean **N5PV** #71212 and his father, were active as KP2/N5PV from the Radio Reef DX'ers Station rental shack (KP2M) on St. Croix Island between June 16-23rd using CW, SSB and Digital. LoTW. Non-member Craig VE3OP used club call **KP2M** #75928 from the rental shack from July 11-26th.

**OY Faroe Islands.** Ray **W2RE** #49707 and Lori **KB2HZI** #53816, operated digital from July 8-15th.

**OZ/5P Denmark.** Rene **OZ/DL2JRM** #69623, was active in the IOTA contest in July.

**VE Canada.** Dick **VE1AI** #10463, was portable as VE1AI/9 from Miscou Island between June 18-20th. Dick was on the HF bands using CW and SSB. George **VE7ACN** #73604, was on Thetic Island from August 11-14th on both SSB and CW. Both islands count for VE.

**VP2E Anguilla.** Frank **K3TRM** #69974 was active as VP2ERM from July 19th to August 2nd. ClubLog and LoTW. Web site: [www.K3TRM.com/VP2E-2015.html](http://www.K3TRM.com/VP2E-2015.html).

**VP2M Montserrat.** Ken **W0ETT** #9620 and Greg **W0ZA** #15171, used call VP2MKV from June 10-18th.

**VP9 Bermuda.** Eric **K9GY/VP9GE** #22330, was in Bermuda from August 5-11th. He was active in the CW Worked All Europe contest and some RTTY. LoTW.

**YJ Vanuatu.** Rod **YJ8RN** #62217, was active during the IOTA contest in July plus he visited Loh Island. He expects to return the first quarter 2016 to do more work.

#### UPCOMING DX & NEW 10-10 ACTIVITY:

**3W Vietnam.** Antonio **IZ8CCW** #70101 and friends, will be using call 3W3MD from October 31st to November 10th. Web: <http://www.MDXC.org/3W3MD>.

**4U1 UN Geneva.** The **4U1ITU** #11111 club station will use a special prefix call 4U0ITU the rest of 2015.

**A9 Bahrain.** Max **KE5JA/A93JA/7Z1JA** #5185, just received his A93JA license, so he will operate this next 3-6 years from both 7Z/HZ Saudi Arabia on weekdays and A9 Bahrain on weekends and contests. Max has a Opibeam up 45 ft on a tower so his signal should be fine and Max should be able to give you a new 10-10 country from Bahrain. Max will be active in all major contest from Bahrain on CW & SSB. LoTW.

**CR Azores.** Norm **W3IZ/CR1IZ** #76625, will be on the air from September 9-15th. Mike **K11U/CU7CRSA** #60241 and Brian **N5ZGT** #75335 from Sept. 11-14th.

**E5 South Cook Islands.** Haru **JA1XGI** #55571, will operate from the South Cook Islands as E51XGI from December 2-10th, which is the week just before the ARRL Ten Meter contest. Al **K7AR** #2736, will use call E51AAR from September 24-29th while staying at the home of Andy E51AND. LoTW and ClubLog.

**E6 Niue.** A group of British hams will be on Niue from September 15-29th. Look for Justin **G4TSH** #42972. LoTW. Website: [www.E6GG.com](http://www.E6GG.com).

**FJ Saint Barthelemy.** Bill **FJ/K2HVN** #14073, will be on the island from December 12-19th which will coincide with the Ten Meter contest. **NOTE: This**

**is the second time a 10-10 member will have operated from Saint Bart since it became a new country!**

**FK/TX3X Chesterfield Island.** A DXpedition to Chesterfield Island will happen from October 1-12th. The 10-10 members are: Arnie **N6HC** #29959 who is their team doctor, David **N6HD** #13064, Gene **K5GS** #15119 and Ross **K6GFJ** #32680. Chesterfield is the 23rd most wanted country with past 10-10 activity but do not miss this DX adventure to put a new one in your log. Web site is: <http://www.TX3X.com>.

**FR/FT Juan de Nova.** A DXpedition to Juan de Nova will take place from March 31, 2016 to April 14th. The call will be FT4JA. This group was on Tromelin last year and provided many with a new country/entity. Find Flo **F5CWU** #71812 who is the only 10-10 member in the group. Web site: <http://www.JuandeNovaDX.com>.

**HI Dominican Republic.** Roberto **YV5IAL** #39379, will be operating as HI7/YV5IAL from October 25-31st.

**HP Panama.** Jose **HP2AT** #42071 will use the special call H32AT all year during 2015.

**KH5 Palmyra Atoll.** A DXpedition to the 9th ranked most-wanted island group will happen January 11-28th 2016. The 10-10 members going will be: Ralph **K0IR** #2609, Bob **K4UEE** #75256, John **K6MM** #13853, Mike **K9NW** #29804, Glenn **W3OA** #31642, and Hal **W8HC** #12502. Web site: [www.Palmyra2016.org](http://www.Palmyra2016.org). They will operate 5 stations 24/7 all modes all bands.

**KP2 US Virgin Islands.** Jeffrey **N5TIT** #77335 and friends will be on the island from September 23-30th, they will be on digital and SSB. LoTW.

**OZ/5P Denmark.** Volker **DJ8VW** #69216, will be on Romo Island from December 6-21st, 2015, using call sign 5P8VW on CW and SSB. LoTW.

**P4 Aruba.** Bob **N5ET/P40ET** #20396 and Eddy **K5WQG/P40ER**, will operate in Aruba from September 6-20th using CW, SSB and RTTY. LoTW.

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

**TF Iceland.** Bill **TF/K2HVN** #14673, will again be on from Iceland from August 31st to September 7th. Mostly on CW. It is hard for the USA to hear Iceland in the late summer so do not expect much propagation to TF for this trip on Ten.

**VK9 Willis Island.** A DXpedition to Willis Islets will take place from November 14-23rd. Look for Hawk **SM5AQD** #52781 or Hal **W8HC** #12502. The operation will last 10 days using SSB, CW and RTTY. They will upload logs daily by sat phone to ClubLog.

**VP8S South Sandwich & South Georgia.** A DXpedition in January-February 2016 will be conducted by a team of fourteen operators. Look for team leaders Paul **N6PSE** #68859 and David **K3LP** #13394 plus member Ned Stearns **AA7A** #11185. These two islands have been visited by 10-10 members before but they are so rare that you do not want to miss anything here!

**VP9 Bermuda.** Ray **ND8L** #16810 and Larry **K8UT** #2582, will be on Bermuda from September 23-28th. During the DX contest they will use call VP9I. LoTW.

**VR Hong Kong.** Dave **K3LP** #13394 is expected to use call sign VR2KF sometime in October 2015. From there he will be on a cruise ship for two weeks ending up in Singapore. He may visit A6 Dubai in October.

**XW Laos.** Ken **K4ZW** #18573 operated in Laos last year and expects to return to Laos later in 2015.

**YN Nicaragua.** Scott **K7ZO** #55678, will be active during the CQ SSB contest October 24th with call YN5Z. His TS590 and amp to a spiderbeam work great. LoTW.

Mike **AJ9C/YN2CC** #41205, will be active again from Granada, Nicaragua from November 25th to December 2nd on CW, SSB and RTTY. LoTW and ClubLog.

#### MISCELLANEOUS ITEMS & NOTES:

Propagation forecast: <http://www.solen.info/solar/> and <http://ARRL.org/Propagation>.

DX Calendar: <http://www.dxwatch.com/>.

More propagation: <http://dx.qsl.net/propagation/>.

DX: <http://www.youtube.com/watch?v=k4dJcK-WVRw>.

**Propagation:** I expect the solar flux to range from 88-125 this next quarter, which is about the same as the past three months. The autumn equinox starts a new Fall DX season on September 23rd and fall propagation will allow signals to come in from the east for the USA but it may be November before we begin to hear Europe on Ten.

**On September 1st the solar flux was 91, the A index was 6 and K index 2.** The high solar flux was 125 on August 27th this past week, so a big drop. In the next four months, look for the best conditions: September 22-24th, October 21-23rd, November 17-20th and December 13-16th. For USA stations, expect a 20% chance of DX to Europe or Asia, for South America and the South Pacific, look later in the day or after sundown. Listen to the beacons from **28.175-28.300 (especially 28.200)** so you will know which direction a beacon is from and the DX is open to. Use web site: [www.bandconditions.com](http://www.bandconditions.com).

#### NEW 10-10 DX MEMBERS' JUNE TO AUGUST 2015:

**June:** 77347 DF5WN; 77348 DF5DY; **July:** 77352 DO3EH; **August:** 77360 EA1IIP.

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](mailto:N5MT@aol.com).

#### SCOUTS ON TEN AWARD

Effective January 1, 2016, applications for the Scouts on Ten Award will be accepted.

This Award will be a Chapter type award with endorsements, a scheduled net, and QSO parties.

Award numbers will be collected in a manner similar to the 10-10 and VP numbers.

#### Basic Award

Current Scout leaders and Current Scouts that are licensed Amateurs would receive the Award with validation of both Scout membership and current, paid 10-10 membership. These would be granted charter status.

Current 10-10 members that have been Scouts or Scout Leaders would be granted honorary charter status.

Other current 10-10 members can obtain the basic award by contacting 10 charter or honorary charter award holders on 10 meters.

#### Membership Incentive

With proof of Scout membership (photo copy of BSA or GSA membership card) current Scouts will receive free electronic delivery membership in 10-10 until they reach age 21. After that time, current membership rates will apply.

The Scouts on Ten Award will be free.

This Award is open to both Boy and Girl Scouts.

For updates, check the 10-10 website often.

Until an Awards Manager and Certificate Manager have been assigned, please contact [wd8jkv@ten-ten.org](mailto:wd8jkv@ten-ten.org) for information.



## NEW LIFE MEMBERS

09973	W9OO	Carl E Durnavich	IL
17123	W5KF	Samuel M Barrett II	ME
28471	KB5RX	Bob Skaggs	NM
33307	W1EMT	James W Wilmerding	ME
43428	KAØZPP	James H Fox	NM
46091	N5GDM	Gailen D Marshall Jr	M
53866	KE2YC	Lawrence G Fenger	NY
76524	KØTOT	Seth Isaacs	IL
77359	N8RDL	R Mike Mershon	OH



Mel Sojka KD5DE #33513 manning the 10-10 booth at the Shreveport Hamfest. This is the second effort after many years and it appears that soon this will be the second largest event in the 5th call area. Great dealer turnout.

## DX OUTING SUPPORT

Planning a DX outing in 2016? Ten-Ten may be able to help fund the event. The board of Directors set aside funds to support two DX outings in 2016. To be eligible for consideration the following conditions must be met:

1. At least one Amateur of the team must be a current "paid up" member of Ten-Ten.
2. Operations must take place from a valid DX entity outside of our own country.
3. You must operate on 10 meters a minimum of 4 hours each day for two days and exchange ten-ten information during your 10 meter contacts.

4. It is preferable that the outing dates correspond with a Ten-Ten QSO party. This is not an absolute but will increase your chances for being chosen.

To be considered for this support, please contact Terry Webb, N0TW #36547. n0twterry@yahoo.com If accepted your call will be included in a lottery drawing.

## BOOK REVIEW BY RANDY MATHER - AJ7B #7675

The ARRL recently released *Propagation and Radio Science* by Eric P. Nichols, KL7AJ. In this book, the author takes the reader on a journey through the different layers of the ionosphere and out into space. But first, the reader is given a basic understanding of matter, electric charge and magnetic fields. Then the author delves into the electromagnetic field generated by radio equipment and the antenna systems. From this point on is where the "magic" begins. At least it seems like magic to some Amateur Radio enthusiasts. There in lies the purpose of the book. Pull back the curtain and reveal some of the facts about radio propagation to dispel the magic and discover the art.

First I must admit that I am a technology geek. When it comes to electronics and the use of electromagnetic fields through the air, I just have to know more. That made this book a "must have" as soon as ARRL listed it as a "coming soon" book.

*Propagation and Radio Science* does not use a lot of mathematics to explain its subject. Mr Nichols uses a very simple narrative style, with some humor, to ease the reader through the complex science of radio wave propagation. For those who want to know more, many references are given throughout the book. Most of which are web URLs.

I found the chapter on Instrumentation and Interpretation very interesting. Here the author describes the simple tools already at our disposal to help us communicate better and gain a better understanding of why the ionosphere does what it does to radio waves. You'll be surprised at how much propagation information you can gain with your transceiver's S-meter.

If you like to experiment with the science of propagation, the author suggests a number of areas where amateurs can easily contribute to the exploration of this seemingly vast unexplored area of propagation. For those of us that try to make the best use of the 10-meter band, we should take the time to understand more about the medium that frustrates us so much. I think the reader will find the information on the X and O modes very interesting and definitely worthy of more exploration for amateur radio use.

I highly recommend this book for those who want to have a better understanding of how your radio signal gets from point A to point B. Its written at a level that I think everyone can understand and learn from. I should also point out that the author mentions the 10-10 International Net in the book's introduction. Enjoy the read.



# 10-10 International Net, 2015 Scholarship Winners



My name is **Leonor Morrow**, AE5UF from Arroyo Hondo, NM and I am an incoming freshman at Georgetown University. Thank you so much for choosing me as a recipient of the 10-10 Scholarship. This means so much to me and will greatly help in alleviating the cost of attending school. I am honored to receive this scholarship and will be forever grateful for the opportunity to attend school with a lessened financial burden. This aid will help me devote more time to my studies. I will be majoring in Culture and Politics through the School of Foreign Service. With this major, I plan to focus on linguistics and its role in international affairs. In the future, I would like to travel and discover unfamiliar cultures. I see myself going on to do many things, ranging from anthropology to law. I would also be interested in a career with the State Department. Some of my hobbies include writing and photography. My poems have been published in several literary magazines, and I have won two contests for my landscape photographs. You can see the link to my website on QRZ.com.

I was first introduced to Amateur Radio by my step-father, Michael Kittredge, NM5MK. Because we live in a small, rural community, he thought it would be useful for me to obtain a license for communication purposes, especially in surrounding areas where there is no cell phone service. However, after receiving my Technician's license, I realized that ham radio could be more than just a utility. With a license, I am able to communicate with people from all over the world. I have always loved travel and culture, so the opportunity to reach out to others in different countries appealed to me greatly. When my step-father had the chance to speak with a scientist living in Antarctica, I knew that I wanted to get more involved in amateur radio. Newly motivated, I received my General license a few months after passing my technician test. Then, a few weeks after that, I received my Amateur Extra license. Now, in addition to communicating with my family, I am able to talk to others from around the globe.

Soon after receiving my Technician license, my step-father and a few of his friends started the Taos Amateur Radio Club. I became the first secretary, helping out by taking notes at meetings. In 2013, I was the winner of the Rocky Mountain Young Ham of the Year award. I have always been fascinated with amateur radio because it is a way of uniting people from all around the globe. It is a communication method that transcends borders and allows for open conversation between different cultures.



I am **Neil Eelman**, KD2BNL from Stewartville, NJ. I am 17 years old and will be attending Drexel University in the honors program as a full-time student with the eventual goal of working toward a Master of Science in Electrical Engineering. I plan to pursue a career in green energy or space exploration as an R&D engineer. By awarding me this magnanimous scholarship, the financial strain of college has been lightened, and for that I am thankful beyond words. The less time I spend worrying over college payments, the more time I can spend studying and learning.

As a ham radio operator I have enjoyed many memorable contacts, including the International Space Station during my Junior year in high school. I earned my Extra class amateur radio license in 2012, and I also have a General Radiotelephone Operator License and a Certified Electronics Technician license. I am interested in a wide range of topics in electronics, such as circuit design and construction, analog and digital circuitry, and computer technology. Recently I built an antenna for a repeater in my community. Also, I have been an active, leading member in my high school's radio club, and I support a local family resource center. Other activities have been as a member of National Honor Society and National Technical Honor Society, and I was proud to be the valedictorian of my class. Outside of the realms of ham radio and electronics, I enjoy hiking, running, reading, and playing hockey.

I am honored and grateful to have been selected as one of the recipients of this scholarship. It is even more satisfying knowing that the scholarship is coming from the ham radio community, which I am proudly a part of. The generosity and altruism of fellow amateur radio operators never ceases to awe me. In time, I hope to be able to assist others in my position, just as you have. It is difficult to explain just how truly helpful this scholarship is. Without it, I have no doubt that I would have been overwhelmed by the cost of education and the prospect of numerous student loans. I look forward to providing financial assistance for other young adults' college educations in the future. Again, thank you very much for the scholarship. I wish all of you the best of health and luck.

# 10-10 International Net, 2015 Scholarship Winners



I am Joshua Hallfrisch, KD8KKR from Gladstone, in Michigan's Upper Peninsula. I'm 21 and beginning my senior year at Michigan Technological University in Houghton, MI, with a double major in Mathematics and Physics. Why a double major? I enjoy learning about physics to help me understand how the world operates. I also enjoy mathematics and feel I have a natural aptitude for the subject. In high school, I was involved with our Science Olympiad team (where my love of physics helped me greatly). Because of my proficiency in math, I was able to study on my own and get two years ahead of the rest of my class in math before I reached high school. I graduated first in my class with several college math credits. After I graduate, I am planning to get a job in the actuarial field, possibly in the insurance industry.

Amateur radio has been a good fit for me, and I enjoy working with it and making contacts. I became interested in ham radio when I was 15. My father, Mark (KD8DVN), who became involved in amateur radio three years earlier, had a large influence in my decision to get my license and helped me study for my exam. My activities in amateur radio have also motivated me to learn more about math and physics. In 2009 I received my Technician license and got the General two years later. To inspire me to pursue my ham radio license even further, my father challenged me to a contest to see who could get their Extra class license first (which I won, in 2014). I am a member of the Delta County Amateur Radio Society and an enthusiastic participant on the club's Field Day team. I helped set up our Field Day equipment and

operated each year. I also helped to show people our ARES communications trailer and telegraph/ham radio museum at the State Fair. I have also encouraged my college roommates to pursue a ham radio license.

In addition, I have pursued training in emergency communications to enable additional support to ARES and SKYWARN emergency planning and participation and I have been a certified SKYWARN spotter since 2012. Chess is a favorite leisure activity and I also enjoy bicycling. I am a very active member of my church.

It is an honor to be the recipient of the 10-10 Scholarship. Thanks to this generous support, I am on my way to achieving my goal of attending college without student loans. Because of scholarships like this, I was able to study mathematics with an actuarial science focus and physics at Michigan Technological University. Without scholarship patrons like 10-10 International, there would be many students such as myself unable to pursue the career they've dreamed of. Once again, I offer my sincerest thanks for your continued generosity.

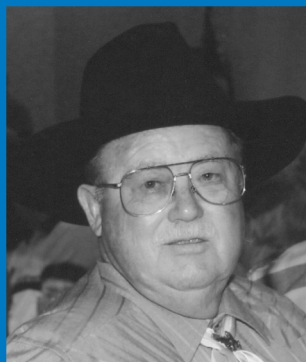


My name is Brandon Graham, W0GPR from Bradford, PA, and I am a Geophysics Graduate student at the University of Kansas (KU) in Lawrence, KS studying Ground Penetrating Radar and Seismic Reflection. I completed my BS in Geology at Rensselaer Polytechnic Institute (RPI) in Troy, NY in 2012 and then worked for the New York State Geological Survey from 2012 to 2014 studying glacial deposits in New York. My interests in Geophysics are due to a mixing of surficial geology and Amateur Radio. My future plans are to pursue a PhD in Geophysics and then a career in near surface imaging, but my career dreams however are to work on the Antarctic or Greenland ice sheets.

My Ham Radio inspirations were from Field Day as a child with my parents Nate (KD3OH) and Cindy (N3LJX). In 2002 I passed my Technician and primarily operated 50 MHz R/C for International Radio Controlled Warship Combat Club (IR/CWCC) building WWI and WWII battleships with my father and local repeater operation. Once involved with W2SZ at RPI, I became active in operating events on campus, campus outreach, club leadership as two year President, licensing new hams (and getting a few old ones re-licensed too), June and September VHF Contest as a Long Haul Rover, and the Rensselaer County ARES/RACES. In 2010 I passed my General and was

made an Assistant Director of the Atlantic Division, and in 2013 passed my Amateur Extra.

My Amateur Radio interests have evolved over the years, but my primary interests have been public service communications, SDR, and Ham Radio Outreach. I have been expanding into the various digital modes such as JT-65, Olivia, PSK 31, and have been working on beacons for the purpose of ionosphere/propagation mapping. As time and resources hopefully become more available to me in the future, I look to build up my capabilities in VHF+/EME. I am a Life Member of the ARRL and look forward to my future in the radio science both professionally and as a life-long hobby. Without Amateur Radio and the guidance from fellow hams, I would not have gained the understanding and practical application of electronics and instrumentation that I use in my studies. I greatly appreciate the scholarship I received from Ten-Ten International, and would like to express my sincere gratitude for all of your members' support that will allow me to further my career and education. I hope that someday I will be in a position to give back to future generations.



# Net Report

Bob Farrow, N6OPR  
(#45715)

## Net reports for second quarter 2015

### MONDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
6-Apr	31	8	6-Apr	12	0
13-Apr	4	0	13-Apr	11	1
20-Apr	13	3	13-Apr	15	2
27-Apr	4	0	27-Apr	10	0
4-May	13	3	4-May	15	1
11-May	2	0	11-May	17	2
18-May	2	0	18-May	10	0
25-May	2	0	25-May	13	0
1-Jun	2	0	1-Jun	11	0
8-Jun	2	0	8-Jun	9	1
15-Jun	4	0	15-Jun	11	0
22-Jun	2	0	22-Jun	11	2
29-Jun	4	0	29-Jun	16	2

### TUESDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
7-Apr	31	8	7-Apr	12	0
14-Apr	23	8	14-Apr	5	1
21-Apr	18	1	21-Apr	11	1
28-Apr	5	1	28-Apr	9	0
5-May	8	2	5-May	7	0
12-May	8	1	12-May	11	0
19-May	2	0	19-May	12	0
26-May	4	0	26-May	12	0
2-Jun	4	0	2-Jun	11	0
9-Jun	5	0	9-Jun	9	2
16-Jun	9	1	16-Jun	10	1
23-Jun	6	0	23-Jun	12	2
30-Jun	14	2	30-Jun	13	1

### WEDNESDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
1-Apr	30	3	1-Apr	10	0
8-Apr	22	4	8-Apr	12	0
15-Apr	28	2	15-Apr	10	0
22-Apr	34	6	22-Apr	10	0
29-Apr	4	0	29-Apr	9	1
6-May	8	0	6-May	7	0
13-May	10	5	13-May	9	0
20-May	0	0	20-May	16	0
27-May	6	0	27-May	13	0
3-Jun	6	0	3-Jun	9	0
10-Jun	8	2	10-Jun	11	0
17-Jun	10	3	17-Jun	11	0
24-Jun	0	0	24-Jun	10	0

### THURSDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
2-Apr	29	6	2-Apr	14	2
9-Apr	30	3	9-Apr	9	0
16-Apr	11	1	16-Apr	16	2
23-Apr	4	0	23-Apr	8	0
30-Apr	2	0	30-Apr	4	0
7-May	6	2	7-May	11	1
14-May	2	0	14-May	6	0
21-May	2	0	21-May	4	0
28-May	7	1	28-May	5	0
4-Jun	17	0	4-Jun	3	0
11-Jun	7	3	11-Jun	8	1
18-Jun	9	3	18-Jun	11	2
25-Jun	4	0	25-Jun	4	0

### FRIDAY NETS

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
3-Apr	41	4	3-Apr	11	0
10-Apr	44	11	10-Apr	9	0
17-Apr	39	9	17-Apr	9	0
24-Apr	98	8	24-Apr	6	0
1-May	0	0	1-May	12	0
8-May	20	5	8-May	17	0
15-May	0	0	15-May	16	0
22-May	28	9	22-May	9	0
29-May	4	0	29-May	11	1
5-Jun	10	1	5-Jun	12	0
12-Jun	0	0	12-Jun	11	0

19-Jun	0	0	19-Jun	10	0
26-Jun	0	0	26-Jun	12	0

**SATURDAY NETS**

28.38 MHz			28.80 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
4-Apr	45	4	4-Apr	8	0
11-Apr	4	2	11-Apr	3	1
18-Apr	4	0	18-Apr	3	0
25-Apr	21	2	25-Apr	2	0
2-May	26	10	2-May	4	0
9-May	8	0	9-May	6	2
16-May	13	0	16-May	3	0
23-May	2	0	23-May	2	0
30-May	2	0	30-May	2	0
6-Jun	8	1	6-Jun	2	0
13-Jun	4	0	13-Jun	2	0
20-Jun	3	1	20-Jun	4	2
27-Jun	6	4	27-Jun	2	0

**10-10 NET CONTROL STATIONS**

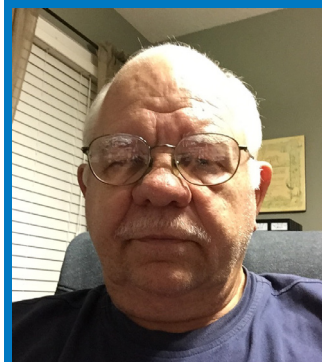
ALL NETS BEGIN AT 1800Z

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		

Alternate	David, N4WDT	#76237	KY
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Sunday **NEVER ON SUNDAY****NET CONTROL STATIONS NEEDED**

Needed: Net Control Station for the 28.380 and 28.800 MHz Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via e-mail: [n6opr@msn.com](mailto:n6opr@msn.com).

**QSO Parties**

Dan Morris, KZ3T  
(#41015)

**2015 OPEN SEASON QSO PARTY****JUNE 6-7****TOP TEN**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
1. LU1BJW	13	16	1	7	76
2. N3GTY	3	13	5	7	72
3. K9DEB	1	3	4	7	47
4. KA5VZG	3	6	1	5	38
5. AI6O	14	7	1	1	35
6. W0RTV	2	8	3	2	35
7. KD4BVG	2	8	1	3	33
8. W1LIC	1	3	0	6	31
9. KE6OIO	4	13	0	0	30
10. KZ3T	1	2	1	5	28

**CALL AREA ORDER****CALL AREA 0**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
W0RTV	2	8	3	2	35

**CALL AREA 2**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
WA2HMM	0	9	0	0	18



**CALL AREA 3**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
WA3GM	3	11	0	0	25
WA3AAN	0	1	0	0	2

**CALL AREA 4**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N3GTY	3	13	5	7	72
KA5VZG	3	6	1	5	38
KD4BVG	2	8	1	3	33
W1LIC	1	3	0	6	31
KZ3T	1	2	1	5	28
N4GBK	0	2	0	2	12
NC4MI	2	3	0	0	8

**CALL AREA 5**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
K5CC	0	5	1	1	17
W5FER	0	1	0	1	6

**CALL AREA 6**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
AI6O	14	7	1	1	35
KE6OIO	4	13	0	0	30
AB6QM	5	10	0	0	25

**CALL AREA 7**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
AJ7B	4	4	0	1	16
N7SNW	4	0	0	0	4
W7JSD	1	0	0	0	1

**CALL AREA 9**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
K9DEB	1	3	4	7	47
N9JLY	0	2	2	4	26

**QRP**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N3GTY	3	13	5	7	72

**COUNTRY ENTRIES****ARGENTINA**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
LU1BJW	13	16	1	7	76

**CANADA**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
VA2MO	0	2	0	0	4

**NORWAY**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
LA7VK	1	5	0	0	11

**2015 SPIRIT OF 76 QSO PARTY****Jun 29 - Jul 5****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. KD4BVG	64773	105	438	648
2. KI4YYY	75326	42	98	182
3. N5MT	24949	52	31	135
4. K5CC	50708	22	2	46
5. N3GTY	50585	13	13	39
6. N1API	25468	14	7	35
7. N5DTT	73679	6	0	12
8. KC1AXJ	77232	4	1	9
9. K4IJK	17714	1	0	2
10. KD0TZL	76874	0	1	1

**CALL AREA ORDER****CALL AREA 0**

CALL	10-10#	CTX W	CTX WO	TOTAL
KD0TZL	76874	0	1	1

**CALL AREA 1**

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	14	7	35
KC1AXJ	77232	4	1	9
K4IJK	17714	1	0	2

**CALL AREA 4**

CALL	10-10#	CTX W	CTX WO	TOTAL
KD4BVG	64773	105	438	648
KI4YYY	75326	42	98	182
N3GTY	50585	13	13	39

**CALL AREA 5**

CALL	10-10#	CTX W	CTX WO	TOTAL
N5MT	24949	52	31	135
K5CC	50708	22	2	46
N5DTT	73679	6	0	12

**QRP**

CALL	10-10#	CTX W	CTX WO	TOTAL
N3GTY	50585	13	13	39

**CLUB ENTRIES**

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NM5H	68588	52	31	135	N5MT
K4MN	24874	13	13	39	N3GTY
W1NRG	29650	14	7	35	N1API

**CHAPTER ENTRIES**

CHAPTER	LOGS	PTS
NORTH GEORGIA	2	830
HOUSTON SHOT	3	282
CASTLE CRAIG	3	79
POSSUM TROT	2	78

**2015 SUMMER PHONE QSO PARTY****August 1 - 2****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N5XZ	4530	253	258	764
2. K0NM	75901	169	203	541
3. N5MT	24949	112	82	306
4. KD4BVG	64773	84	99	267
5. K4BAI	45389	82	83	247
6. K8DEL	2978	85	60	230
7. N1API	25468	81	65	227
8. NC0B	74875	88	49	225
9. KM5MS	75610	73	57	203
10. DL8YBM	36109	33	94	160

**CALL AREA ORDER****CALL AREA 0**

CALL	10-10#	CTX W	CTX WO	TOTAL
NC0B	74875	88	49	225
W0RTV	13962	18	3	39
KA0HZP	31562	14	5	33
N0LAY	43501	14	1	29
KB0VVD	76047	12	1	25
W0VUB	593	8	0	16
KB5ENP	68704	4	0	8
W0NFS	75985	3	0	6
WB0IWG	59356	2	0	4
KB0QCR	69096	2	0	4

**CALL AREA 1**

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	81	65	227
N1YKH	70147	24	10	58
N1ZN	73599	11	1	23

K1PU	33916	10	0	20
W1SIX	35346	9	2	20
K1YKH	74643	8	4	20

**CALL AREA 2**

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	31	22	84
W2VTV	71275	6	0	12
KX1W	77163	6	0	12

**CALL AREA 3**

CALL	10-10#	CTX W	CTX WO	TOTAL
K3TC	33876	62	32	156
N3DUE	41066	8	0	16
AD3Y	645	0	1	1

**CALL AREA 4**

CALL	10-10#	CTX W	CTX WO	TOTAL
KD4BVG	64773	84	99	267
K4BAI	45389	82	83	247
KJ4RV	37776	60	21	141
K4SQC	75350	42	29	113
N4ANV	18712	48	16	112
N5EEO	33552	30	14	74
N4ERM	34524	29	9	67
N3TG	41031	17	4	38
N3GTY	50585	17	4	38
KA5VZG	46596	14	6	34
K3IRV	69236	14	6	34
KK4AMR	76031	11	8	30
N3FNE	52799	13	3	29
K3MAF	75804	13	0	26
KC4YBO	74593	10	3	23
KU4W	20986	8	2	18
AC4ZM	72780	4	0	8

**CALL AREA 5**

CALL	10-10#	CTX W	CTX WO	TOTAL
N5XZ	4530	253	258	764
K0NM	75901	169	203	541
N5MT	24949	112	82	306
KM5MS	75610	73	57	203
N5DTT	73679	43	3	89
KG5BMS	77275	40	4	84
W5TKZ	76490	30	9	69
W5GVP	11572	28	7	63
KC5RXR	77105	28	7	63
KB5UNX	64337	28	6	62
K5IZO	74728	26	3	55
AD5IF	73372	25	2	52
N5AFV	27571	24	0	48
KE5XV	51384	20	2	42
KF5YYZ	76933	16	2	34
K5CC	50708	16	1	33
K5LKJ	73716	15	1	31
K5HM	76323	12	4	28
N7LEE	76939	14	0	28
K5GJQ	76862	13	1	27
N5PWW	55863	13	0	26
NJ5T	58487	13	0	26
KD5FBA	77047	13	0	26
AA5UZ	77349	11	0	22
KM5FF	50356	10	0	20
NV5E	74261	9	1	19
AF5T	75645	9	0	18
KD5ZD	37258	7	1	15
N5AF	1919	7	0	14
WD8JKV	20805	7	0	14

KB5DQX	43610	7	0	14
KF5UNP	76785	7	0	14
AA5UY	48638	5	0	10
KD5HIP	71476	4	1	9

**CALL AREA 6**

CALL	10-10#	CTX W	CTX WO	TOTAL
KE6FQC	69047	17	3	37
KF6JG	27197	16	1	33
AD6GE	36627	11	0	22

**CALL AREA 7**

CALL	10-10#	CTX W	CTX WO	TOTAL
K7CWS	50288	41	13	95
K7QXG	5956	34	12	80
AJ7B	7675	6	9	21
WA6LOC	77200	3	0	6

**CALL AREA 8**

CALL	10-10#	CTX W	CTX WO	TOTAL
K8DEL	2978	85	60	230
W8PJY	14574	48	2	98
KC8IM	31959	38	12	88
W8TOM	74496	30	3	63
K8IZK	73889	25	2	52
WN8QGV	77250	7	0	14
KE8UM	55462	6	1	13
W8KNO	71899	6	1	13

**CALL AREA 9**

CALL	10-10#	CTX W	CTX WO	TOTAL
WA9LJK	70789	43	23	109
NA9A	31121	30	18	78
W9WS	2525	18	1	37
KC9EOQ	74609	13	2	28
KC9SNI	75920	12	1	25
KA9JCP	50609	1	0	2

**QRP**

CALL	10-10#	CTX W	CTX WO	TOTAL
AD5IF	73372	25	2	52
N0LAY	43501	14	1	29
WB0IWG	59356	2	0	4

**MOBILE**

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2SUH	407	10	4	24

**COUNTRY ENTRIES****ARGENTINA**

CALL	10-10#	CTX W	CTX WO	TOTAL
LU1BJW	39329	4	0	8

**CANADA**

CALL	10-10#	CTX W	CTX WO	TOTAL
VA2MO	75296	2	5	9

**FRANCE**

CALL	10-10#	CTX W	CTX WO	TOTAL
F6BXQ	25912	13	33	59

**GERMANY**

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	33	94	160
DK7LA	66048	22	2	46
DJ3LA	70617	11	0	22

**HAWAII**

CALL	10-10#	CTX W	CTX WO	TOTAL
NH7PE	74456	5	1	11

**NEW ZEALAND**

CALL	10-10#	CTX W	CTX WO	TOTAL
ZL3TE	53431	12	9	33

**PUERTO RICO**

CALL	10-10#	CTX W	CTX WO	TOTAL
KP4DRB	65122	4	2	10



**CHAPTER ENTRIES**

CHAPTER	LOGS	PTS
HOUSTON SHOT	16	2488
CASTLE CRAIG	7	595
NORTH GEORGIA	4	477
POSSUM TROT	6	410
CATT	2	328
LONESTAR	8	288
NEANDERTHAL	1	160
CITY OF LIGHTS	2	106
ARIZONA DESERT	1	95
OREGON TRAIL	1	80
GATEWAY	2	72
NEW WATERKANT	2	68
REPUBLIC OF TEXAS	2	28

**CLUB ENTRIES**

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NM5H	68588	112	82	306	N5MT
W1NRG	29650	81	65	227	N1API
W8PGW	74726	38	12	88	KC8IM
K1HAD	76332	10	0	20	K1PU

**CHECK LOGS**

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NU1O	77093	31	16	78	0
NS8O	74139	18	3	39	0
KC0RBV	0	9	2	20	0
N5EM	34642	6	0	12	0
KT5MR	0	1	0	2	0
KD0TZL	76874	1	0	2	0
W0NXM	76875	1	0	2	0

**QSL Bureau News**

Have you heard of the "Dead Letter" section of the US Postal Service? Well, the photo is of the "Dead QSL" section at the 10-10 QSL Bureau. These are QSLs that have been sent to members who do not have SASEs on file with the 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](mailto:n0twterry@yahoo.com).

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

**Terry Webb**  
**1103 Fulford Road**  
**Monticello, FL 32344-4352**

# 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](http://www.ten-ten.org)

## TOP TEN HONOR ROLL

No.	CONTACTS	CALL	10-10#
1.	24600	WA5JDU	3017
2.	11700	K0PV	9902
3.	11700	N5XZ	4530
4.	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.	2000	W8PGW	W8PGW
5.	1800	W1NRG	W1NRG
6.	1200	NM5MD	NM5MD
7.	1100	W4MNM	W4MNM

## 1000+ MILESTONE BARS

### 3000 Bar BAR

NO.	CALL	10-10#
310	DL0X	75555

### DIGITAL AWARDS

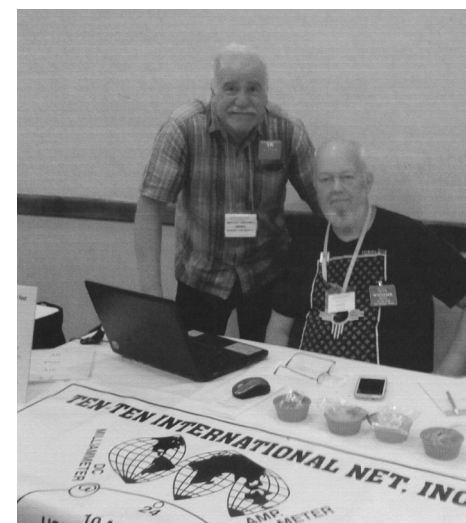
#### 200 Bar CONTACTS

NO.	CALL	10-10#
19	KZ3T	41015

### WPX AWARD

#### 600 Bar

NO.	CALL	10-10#
29	KZ3T	41015



Marcus KM5EH #71103 and Mike WN5PMR #7068 man the 10-10 booth at the New Mexico Hamvention.

## AWARDS MANAGERS

BAR 100-900..	Dan Morris, KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	<a href="mailto:dbmorris315@gmail.com">dbmorris315@gmail.com</a>
Bar 1000+ . . .	Marilyn Webb, WM2W, #76400	1103 Fulford Rd. Monticello, FL 32344-4352	(614) 216-5334	<a href="mailto:wm2w10@yahoo.com">wm2w10@yahoo.com</a>
VP Bar . . . . .	Bob Bishchoff K4QHH #26040	180 Persimmon, Rutherfordton, NC 28139-9319	(000) 000-0000	<a href="mailto:rabisch@hotmail.com">rabisch@hotmail.com</a>
VP WAS. . . . .	Bob Bishchoff K4QHH #26040	180 Persimmon, Rutherfordton, NC 28139-9319	(000) 000-0000	<a href="mailto:rabisch@hotmail.com">rabisch@hotmail.com</a>
VP Lucky 13 ..	Dan Morris KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	<a href="mailto:dbmorris315@gmail.com">dbmorris315@gmail.com</a>
WAC . . . . .	Bob Mantell, W4GA, #75305	PO Box 1653 Blue Ridge, GA 38513	(404) 890-7265	<a href="mailto:k4esa@yahoo.com">k4esa@yahoo.com</a>
Counties . . . .	Brad Kimble, K0DBK #55192	3855 66th St. E., Inver Grove Hts, MN 55076-2222	(651) 450-1173	<a href="mailto:kzerodbk@gmail.com">kzerodbk@gmail.com</a>
Countries . . . .	Mike Davidson, N5MT #24949	3518 Bellefontaine St. Houston, TX 77025-1310	(713) 668-8408	<a href="mailto:N5MT@aol.com">N5MT@aol.com</a>
CW. . . . .	Lee Zalaznik, KI6OY #50948	334 Olivina Ave., Livermore, CA 94551-6137	(925) 455-0361	<a href="mailto:lee.zalaznik@sbcglobal.net">lee.zalaznik@sbcglobal.net</a>
Digital. . . . .	Mel Sojka, KD5DE #33513	353 Atlantic Ave., Shreveport, LA 71105-2909	(318) 861-7012	<a href="mailto:kd5de@nwia.com">kd5de@nwia.com</a>
Mobile . . . . .	Bob Bishchoff K4QHH #26040	180 Persimmon, Rutherfordton, NC 28139-9319	(000) 000-0000	<a href="mailto:rabisch@hotmail.com">rabisch@hotmail.com</a>
OM/XYL. . . . .	Marcus Lieberman, KM5EH #71103	2300 Hurley Drive NW, Albuquerque, NM 87120-1013	(505) 836-1724	<a href="mailto:buckml@lobo.net">buckml@lobo.net</a>
WAS . . . . .	Eva Donaldson, WB0CON #53964	12933 W Montana Drive, Lakewood, CO 80228-4244	(303) 989-0475	<a href="mailto:wb0con@comcast.net">wb0con@comcast.net</a>
WPX . . . . .	Ed Bryant, KM5FF, #50356	9001 Sunbow Ave SW, Albuquerque, NM 87121-8851	(505) 934-2100	<a href="mailto:elbble@gmail.com">elbble@gmail.com</a>
GB Counties ..	Mike Crawshaw, G4BLH #18446	50 Kibble Grove, Brierfield Nelson Lancs, England BB9 5EW	01144 1282 613754	<a href="mailto:g4blh@zen.co.uk">g4blh@zen.co.uk</a>

## 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.

## DX CODE OF CONDUCT

I will listen, and listen, and then listen again before calling.

I will only call if I can copy the DX station properly.

I will not trust the DX cluster and will be sure of the DX station's call before calling.

I will not interfere with the DX station nor anyone calling and will never tune up on the DX frequency or in the QSX slot.

I will wait for the DX station to end a contact before I call.

I will always send my full call sign.

I will call and then listen for a reasonable interval. I will not call continuously.

I will not transmit when the DX operator calls another call sign, not mine.

I will not transmit when the DX operator queries a call sign not like mine.

I will not transmit when the DX station requests geographic areas other than mine.

When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.

I will be thankful if and when I do make a contact.

I will respect my fellow hams and conduct myself so as to earn their respect.

## THE SIMPLEST 2-ELEMENT YAGI?

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

Building a beam is not as difficult as it may seem. Of course, a many-element multi-band Yagi is an advanced exercise in design and construction. However, a 2-element Yagi for 10 meters is entirely manageable for the novice builder. Parts are available from almost any large home supply warehouse. About \$50 for all new materials will produce a very usable beam. Mast and rotator, of course, are extra, but a TV rotator and well-guyed mast will easily support a 10-meter 2-element Yagi. If necessary, you can turn the beam by the "Armstrong" method (hand rotation).

Figure 1 shows the general outline of one of two forms of a 2-element Yagi. Some designs use a driven element and a director. The design in Figure 1 uses a driven element and a reflector. The arrow indicates the direction of forward gain (toward the driven element or "driver"). The schematic symbol for a coax connector indicates the feed point.

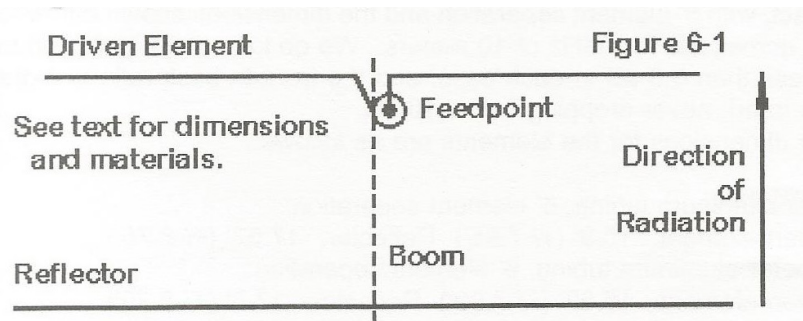


Figure 1. Element Diagram

In the December, 1990, issue of CQ, Bill Orr, W6SAI, presented "A Compact 2-Element Yagi for 10 Meters" (pp. 83-84). His design used a combination of 1" and 7/8" aluminum tubing, along with a gamma match for the 30-ohm feed point impedance. His beam was remarkably well-behaved. The gain varied from 6.86 dBi down to 6.08 dBi from 28 to 29 MHz, while the front-to-back ratio varied from a low of 9.09 dB to a peak of 11.29 dB.

The beam was 17.5' at its widest with the elements separated 4.25'. Figure 2 shows the beam's pattern at the design center frequency (28.5 MHz). It offers neither the highest gain nor the highest front-to-back ratio obtainable with two elements, but it gives consistent performance over a wide bandwidth.

It is possible to simplify Orr's construction, using either 1" or 0.75" diameter tubing available from hardware outlets. Moreover, by separating the element 6', the feed-point impedance increases to 50 ohms, allowing direct feed (with a 1:1 balun).

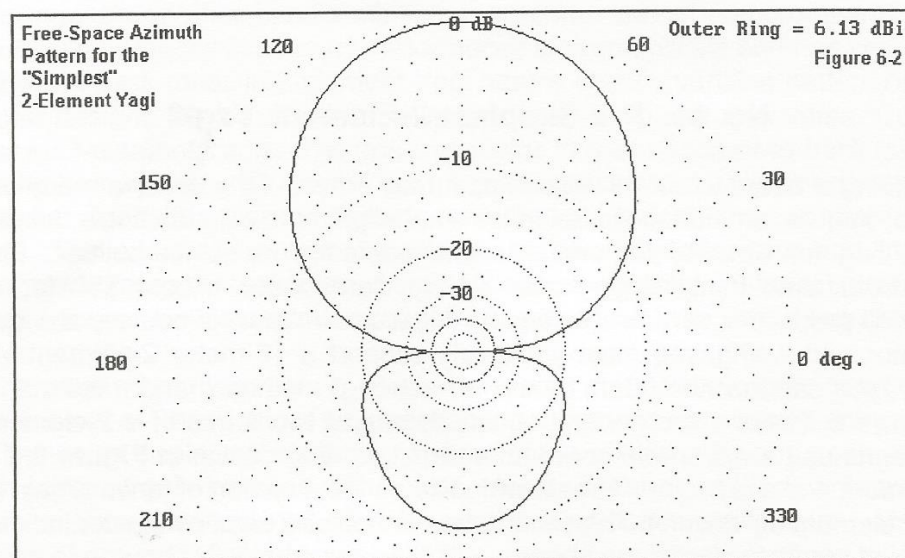


Figure 2. Beam Radiation Pattern

In fact, with 6' element separation and the dimensions shown below, SWR is less than 1.5:1 across the first MHz of 10 meters. We do lose some gain and front-to-back ratio, but less than 0.5 dB in each case, and the front-to-back ratio is more consistent across the band, never dropping below 10 dB.

The dimensions for the elements are as follows:

1" diameter aluminum tubing, 6' element separation:

Driven element: 15.9' ( $\pm 7.95'$ ) Reflector: 17.52' ( $\pm 8.76'$ )

0.75" Diameter aluminum tubing, 6' element separation:

Driven element: 15.98' ( $\pm 7.99'$ ) Reflector: 17.5' ( $\pm 8.75'$ )

The driven element must be split at the center and fed like a standard dipole. To accommodate this, I mounted both elements on scrap plywood plates 3/8" thick, about 24" long and about 6" wide. Spar varnish the plywood for weather protection. A pair of #10 stainless steel nuts and bolts (with both flat and lock washers) mount each half element to the plate. The bolts at the center make a good attachment point for a balun or for a coax connector to mate with another on a balun. Small U-bolts can be used for the outer fasteners.

The reflector is longer than a pair of 8' aluminum tubes. I used a 1.5' long piece of tubing as the center for my 1" diameter version of the reflector. Inside was a 3' section of 7/8" diameter tubing that supported the 8' lengths of reflector tubing. The #10 hardware at the center goes through the center 1" tube, while the outer #10 hardware goes through (or around, if U-bolts) the 8' extensions.



All the #10 hardware goes through the 7/8" tube. Additional sheet metal screws (also stainless steel) clamp the extension tubes to the inner tube at its ends, cutting down on vibration.

For a boom, I used a 6.5' section of Schedule 40 PVC, 1.25" nominal diameter. A pair of 1.5" U-bolts holds each plate to the boom. Thick PVC tubing works well up to about this length, but much longer might produce too much sag. The plates go under the boom, and the elements are below the plates. Connections to the center of the driven element go to an extra set of lock washers and nuts on the element mounting hardware. The balun and coax are then taped to the boom and mast.

There are very few cautions to give for this beam. Check dimensions. Be sure all metal-to-metal contact is very good. Use stainless steel hardware to avoid rust or using protective spray sealers that work their way between contact points. (However, use flexible coax sealer over any screw-type coax connection.) As with any beam, check both mechanical and electrical connections every few months and after any severe storms.

Although the beam will perform well from a 20' mast, a 35' mast (or higher, of course) is even better. Expect some gain, almost 2 S-units of front-to-back ratio, and excellent rejection of signals off the side. This beam will not open 10 meters during the sun spot null, but it may let you work some of the weak backscatter signals on the band. In addition, it is useful in nets since you can still hear locals off the rear while aimed at weaker signals. For versatility, the 2-element Yagi will certainly beat a fixed wire dipole hands down.

## W6OI #109 ON THE AIR

### REPORT FOR THE 10-10 INTERNATIONAL CLUB STATION W6OI ENDING 09/01/2015

W6OI continues to be on the air for all the 10-10 party events, with not a whole lot of success from here in Wisconsin! But we keep trying. For the recent Summer Phone party I was surprised to turn rig on and made a few contacts in southwest. What a treat! Band will be improving as fall approaches. MAKE SOME CONTACTS EVERYONE!

The 10-10 Club Station, W6OI, is available 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**  
**W6OI License Trustee**  
**8041 W. Lakeshore Drive**  
**Burlington, WI 53105**

W6OI is one of three official 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 a list from Jerry, N9AC. It is available in ML format or just plain text. LOTW and eQSL are being updated 'slowly' with current contacts.

W6OI – VE9TEN – DL0X

### 2015 SPECIAL EVENT

The 2015 W6OI – VE9TEN – DL0X special operational event is scheduled for **NOVEMBER 21 AND 22. Mark your calendar now!** It falls on the weekend before Thanksgiving so hopefully folks are free to operate a bit! Plan to participate for as short or extended as you like with any mode. Last year the many volunteers operating the event made over 1800 contacts.

Volunteers need to come forth now to get ready for the event. We are seeking around 4 operators from each call area so we dominate the band from all regions, many modes, and throughout the day or evening. This Special Event has designated 10-10 members (VOLUNTEERS!) in all US call areas, Canada, and Germany operating 10-10 official club stations. The purpose is to have fun, keep ten meters active, and to promote 10-10 Organization. You can operate any mode or all modes for as short or extended as possible. All those authorized to operate 10-10 official club stations will be on the air at the same time during the weekend. Checkout the 10-10 web site, [www.ten-ten.org](http://www.ten-ten.org), where you can find more details.

Members desiring to operate W6OI in the Special Event should contact Jerry, N9AC ([treismine2@yahoo.com](mailto:treismine2@yahoo.com)). Members in Canada should contact Rob, VE9KM ([rireland@mta.ca](mailto:rireland@mta.ca)) for permission to operate VE9TEN. We need volunteers from each call area. PLEASE volunteer soon!! Rob and Jerry are waiting to hear from you.

Anyone wanting to volunteer to operate W6OI during this Special Event contact Jerry, N9AC.

Enjoy the band. Look for W6OI, VE9TEN and DL0X in upcoming 10-10 party events. Keep 10 alive!

73's Jerry, N9AC

**2015 10-10 INTERNATIONAL NET BOARD OF DIRECTORS MEETING MINUTES**

10-10 International Net, Inc.  
2015 Board of Directors Meeting Tipp City, Ohio  
May 14, 2015

**CALL TO ORDER**

President Mel Sojka, KD5DE #33513 called the 2015 meeting 10-10 International Net Board of Directors meeting to order at 8:30 AM on May 14, 2015 at the La Quinta Inn in Tipp City, Ohio. This was followed by the Pledge of Allegiance and a minute of silence for those members who became silent keys.

**ROLL CALL**

Roll was called by Secretary Jerry Heien, N9AVY #43313: present were President Mel Sojka #33513, Past President Gerry Gross WA6POZ #21274, Vice President Larry Berger WA2SUH #407, Director Terry Webb N0TW #36547, Director Marcus Lieberman KM5EH #71103, Director Roger Olson AD4RX #67754, Director Paul Hemby WN4AMO #73825, Director Ray Moyer WD8JKV #20805, and Editor Randy Mather AJ7B 7675.

Absent were: Director Jeff Steinkamp N7YG #65084, Director Cliff Taylor K5FBS #48461, Director Robert Farrow N6OPR # 45715, and Treasurer Keith Schlottman KR7RK #63324.

**BOARD BUSINESS**

A motion was made by Director Lieberman KM5EH #71103 to review the contact requirement for 10- 10 number exchange be dropped since number are available in logs and online. Seconded by Past President Gross WA6POZ #21274. After some discussion the motion was tabled.

A motion was made by Director Webb to sponsor two DXpeditions per year during 10-10 contests. Seconded by Director Gross WA6POZ #21274. A lengthy discussion followed and it was decided that there would be two person teams per DXpedition and that after costs are determined the applicants should submit their call signs which would be drawn by a blind lottery. Motion was approved pending review by legal counsel.

A motion was made by Director Hemby regarding 10-10 providing necessary hamfest supplies to all Officers and Directors that desire to represent 10-10 within a 200 mile radius of their QTH. Seconded by Director Lieberman KM5EH #71103. Discussion of motion resulted in kit supplied being 2 shirts, a banner, table supplies, logbook and credit card reader. These will be shipped on request by Director Hemby. Motion passed.

President Sojka proposed 10-10 pursue going to Skype or some online service

for future Board meetings. Motion by Director Hemby. Seconded by Director Webb. Motion passed.

Discussion of chapters. In 1991 there were 141 chapters. Today we are down to 40. Discussion of a rules change regarding W6OI Club Station which is actually a committee action and is referred back to committee.

Discussion on an application from KC4TVZ seeking to be reinstated with a new 10-10 number. His old 10-10 number has been found on several new applications and 18 complaints (one as recently as 2 weeks before Board meeting) about his on the air behavior have been received. This request was denied because he has been heard recently giving out his old 10-10 number and is still on applications after date of deletion of old 10-10 number. Application voted upon with one abstention. Application denied.

Proposal for Scouts on Ten submitted by Director Moyer WD8JKV. Because there seems to be no real ties for Scouting to Amateur Radio, it was proposed creating a 10-10 Chapter for all Scouts. There was much discussion on this subject. Motion passed.

Presentation of President's Award to Cliff Taylor K5FBS #48461. A well-deserved award for his many years of faithful service to 10-10.

President Sojka announced this will be his last term as President of 10-10. He'll finish out his term.

Director Webb moved to eliminate one of the two daily nets -28800 – because of difficulty in finding Net Control stations. After some discussion this motion was tabled.

President Sojka suggested changing By-Laws to reflect a change of Board meetings to electronic means. Motion made by Past President Gross and seconded by Vice President Berger. Motion passed. Board meeting was adjourned.

**SCHOLARSHIP FOUNDATION MEETING MINUTES**

Same Officers, Directors and Guests, Past President Gross WA6POZ and Editor Mather AJ7B, present. Larry Berger WA2SUH #407 opened this meeting. Reported that Scholarship program is in good shape. Last year there were four \$1500 dollar scholarships which were increased to \$2000. The scholarships for next year will be increased to five \$2000 scholarships. There was discussion of the FAR program which administers the scholarships for 10-10 as well as other groups such as QCWA and ARRL. Meeting adjourned at 3 PM.

Respectfully submitted,

Jerry Heien N9AVY # 43313 Secretary

**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. The winners are shown in this issue. 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. John McCrevey, AD5IF, #73372 and David Howard Bingham, KE5APJ, #75410 donated in the memory of Bill Stone, WS5H, #74387. Several people donated in the memory of my father Abraham Berger, W2BLH, #33333. They were: Matthew Berger, K2MSB, #60606; Michael Berger, KC2YPO; Robert Berger, WA2EJO, #27615; Andy Kirschenbaum, WA2CDL, #3087 and myself. If you haven't donated before, we want you to know that all donations are appreciated and they do add up. At the time you make a donation to your favorite charity, please consider a donation to the 10-10 Scholarship Foundation. If you have an employer matching program, please let us know.

If you make a donation of \$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 June, July and August, and we appreciate their support.

**Platinum (\$1000 or more)**

None

**Gold (\$500 to \$999)**

KE6DRN ..... Charles Thompson 68855

**Silver (\$100 to \$499)**

KD5DE ..... Mel Sojka 33513  
 KA6WBQ ..... Michael McMurtry 55378  
 W0IE ..... Henry Monton 71256  
 KE5APJ ..... David Howard Bingham 75410  
 K0TOT ..... Seth Isaacs 75524

**Bronze (Up to \$99)**

WA2SUH .....	Larry Berger	00407
WA2CDL .....	Andy Kirschenbaum	03087
WA4JWC .....	Alex Gundry	15516
WD8JKV .....	Ray Moyer	20805
WA6POZ .....	Gerry Gross	21274
K3HS .....	Harry Schools	24553
WA2EJO .....	Robert Berger	27615
N0TW .....	Terry Webb	36547
N9AVY .....	Jerry Heien	43313
K2MSB .....	Matthew Berger	60606
AD6PV .....	Harry Ley	62068
DK7LA .....	Wolfgang Dethlefs	66048
KM5EH .....	Marcus Lieberman	71103
AD5IF .....	John McCrevey	73372
KC0DTD .....	James Kline III	75966
KB0VVD .....	Roger Grant	76047
KK4MCY .....	Andrew Ferguson	77124
KC2YPO .....	Michael Berger	

**10-10 Scholarship Applicant Information**

Each year the 10-10 International Net, through our nonprofit corporation, the 10-10 Scholarship Foundation, funds a number of scholarships, which are administered on our behalf by the Foundation for Amateur Radio (FAR). Four \$2000 10-10 Scholarships will be awarded shortly. Next year, five \$2000 10-10 Scholarships will be awarded. 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 are featured in the fall issue of the 10-10 news. Over the past 27 years, 10-10 has funded 99 scholarships valued at \$109,000.

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**





## Silent Keys

Compiled by  
Ruth Bartholomew, N0KD  
(#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
215	WA1GXN	Paul E Burkhardt - Harwich, MA
310	WA9TSG	Joseph F Williams - Milwaukee, WI
533	VE9ST	D. Wayne Alexander - Wilsons Beach NB, CAN
610	W5JWJ	Chester Taylor - Mesquite, TX
4001	KD4CI	Roger Williams Jr - Asheville, NC
4885	WB4QWM	James P Brown Jr - Ladson, SC
6085	WA4LPM	Harvey L Bryant Jr - Chesapeake, VA
6577	N0AO	John W Timm - Escondido, CA
6697	WA7MHO	Iven L Alsop - West Valley, UT
7243	WA1PCJ	Charles H Hemminger - Northampton, MA
7811	WB5CYK	Sanford L Fortner - Albuquerque, NM
7938	KO7X	Alan A Brubaker - Carpenter, WY
8351	AK4T	Richard M Stevens - Columbus, GA
8421	WA4BPK	Edward T Gullledge Jr - Theodore, AL
8866	KG8BG	Roger B Snyder - Dearborn, MI
10012	K4EBK	Forest L Anderson - Sebastian, FL
11189	KC7AO	Glen L Watland - Lake Havasu City, AZ
11845	WA5LVH	Wendell O White - Abilene, TX
12163	K3KSC	Paul H Baer Sr - Jackson Center, PA
12834	W9HR	Emmet P Algiers - Kenosha, WI
14029	VE1ALP	Roderick 'Rod' Smith - Dartmouth NS, CAN
14186	W5ZPV	Clarence C Laster Jr - San Antonio, TX
14207	K5HXS	George R Weddington - San Antonio, TX
16588	AC2I	Richard P Ballou - Camden, NY
17735	W4EO	Charles M Evans - Chattanooga, TN
17972	WB6BGK	Carl W Loveall - Sedalia, MO
18701	KC4M	Harry V Early Jr - Alpharetta, GA
19482	AF0M	Robert R Olson - Denver, CO
20419	W5BCB	Olin D Huff - Joshua, TX
20659	VY1AU	William 'Bill' Champagne - Whitehorse YT, CAN
20778	W8PRH	Charles W Ake Jr - Fairfield, OH
20909	WD4AGA	Jane B Royal - Jacksonville, FL
21511	WA2OIZ	Ivan D Stillwell - Melbourne, FL

10-10#	Call	Name - City, State
22301	W9GBH	Herbert J Morgan - Noblesville, IN
22958	W7SIC	Allan J Berg - Hillsboro, OR
23590	WB7UAM	Thomas L Amiot Sr - Middletown, OH
23637	WD5HQW	Charles L Mitchell - Mc Kinney, TX
24221	WB9TFX	Henry A Murphy - Rockford, IL
24427	K7HXA	James A Mohr - Hillsboro, OR
24447	WA7VNS	John Klein Jr - Klamath Falls, OR
24563	K3IJ	Thomas P Krohn - Hazleton, PA
28734	W0BRD	Joseph S Jordahl - Hendersonville, NC
30096	W7OTL	William M Borup - Emmett, ID
32292	N5DUQ	Burl A Keeton - Yukon, OK
33831	WB3GDY	Donald E Crust - Bellefonte, PA
34348	K7EXO	Stanley R Gunn - Souix Falls, SD
34849	W2DG	Lloyd F Cook - Cumberland, RI
35004	VE3MUH	Gary R Hall - Newcastle ON, CAN
35563	NN3Z	Millard J Martin - York, PA
35807	KE5AO	Don A Shumate - Little Rock, AR
36336	KZ2X	Robert A Wilgus - Payson, AZ
36535	WD8RBR	Harold E Finafrock - Bellbrook, OH
37579	KE2KX	Herbert D Eldert Jr - Fanwood, NJ
38631	WA1OBD	William J Martin - Leominster, MA
38818	W4OIZ	William S Carper - Decatur, GA
38854	WA4ZUD	Clarence R Bowman - Ooltewah, TN
39041	ex-WQ6A	Donald D Howard - Camarillo, CA
39493	W5FED	William J Galloway - Arlington, VA
41103	WY4Q	Richard A Barron - Sumter, SC
41440	KA5UWN	Howard H Pulliam Jr - Rockledge, FL
43200	N4SBT	Mildred L Peterson - Hollywood, FL
43315	N9BSS	Charles E Maurer - Chicago Ridge, IL
43522	N6PMM	John J Lauer - Alton, NH
43735	N7JQO	Norman R La Plante - Gresham, OR
44098	W8TB	Terry L Bauman - Maumee, OH
44529	KA8RIO	David C Bohlander - Kettering, OH
45972	KA3LUN	Gary W King - Greenville, PA
46654	K1VDJ	Michael Gemelli - Rutland, MA
48743	K0TZ	Robert S Yablans - Denver, CO
50234	WA7HAM	Lester L Warriner - Prosser, WA
50717	N4UMR	Leonard A Postage - Lakeland, FL
52106	KA5WMG	Robert H Marr - Olive Branch, MS
52466	N1GLA	Neil F Fitzgerald - Plainville, CT
52632	WA6SDA	Leonard M Ivarson - Liovermore, CA
52811	W8RTY	George N Harvey - Kalamazoo, MI
53591	N9DLZ	David V Winnen - Racine, WI
53714	N6UPC	Stanley A Doughty - Daly City, CA
54054	KB5WY	Robert E'Elmo' Bass III - Monroe, NC
55902	KA9OBZ	Gary B Schneier - Skokie, IL
56460	W6KAT	Donald A Olejnik - Whittier, CA



10-10#	Call	Name - City, State
56750	N7PAU	Russell W Sunbury - Seattle, WA
56901	WA4KD	Keith M Deringer - Richmond, VA
57628	N5MAF	Earl L Mixon - Norman, OK
58102	N2LMU	William J Fitzsimmons - Belleville, NJ
58111	AB2HT	Donald E Pierce - Endwell, NY
59142	N1ITF	William R Wagner - Gales Ferry, CT
59236	N7MQ	Mark W Perrin - Eugene, OR
59306	K0JRR	James W Herteen - Des Moines, IA
59513	WB6TNY	Eugene E Wood - Mount Shasta, CA
59721	N4WCT	Paul A Pearson - Goose Creek, SC
59797	KD4AUH	Stevie Joe Minton - Mocksville, NC
60289	KA9JCW	Harold E Lamb - Quincy, IL
60608	W2ASS	Rafael A Diaz - Port Richey, FL
60748	WB4WB	Robert W Banks - Dadeville, AL
61012	W8GHA	Joseph E Dennis - Stockbridge, MI
61191	N0NTN	W Kendall Johnson - Bismark, ND
61498	N9PPM	Fred T Mc Cauley - Granite City, IL
61760	KB2NOE	Claire Alessi - Lakewood, NJ
62428	K1LQH	Joseph E Darling - Bristol, RI
62601	W4ZLU	William H Blackburn Jr - Decatur, AL
63145	KM6JR	Ernest C Mueller - Palm Desert, CA
64707	KR4ZK	William M Cappelletti - Stamping Ground, KY
64815	KX8L	Ernest P Mullinax - Portage, MI
64968	KC6LWF	John A Pinkston - Corona, CA
65001	N5WXE	Thomas L Williams - Lubbock, TX
65136	KE4BPL	Marlin F Williams - Perry, FL
66434	KA9RRR	Edward L Nugent - Waterman, IL
66478	N9TUP	Gerald A Giovanoni - Brookfield, IL
66872	N0MZR	Everett A Graham - Denison, IA
67200	K4OPN	Claude I Burkhead - Cary, NC
67520	AB7KE	Joan Tremper - Prescott, AZ
67863	KC5AFL	Jimmy F Austin - Jerusalem, AR
68530	W7AI	Ronald H Walther - Tucson, AZ
70148	WA8DRT	Edwin L Clinger - Canton, OH
71494	WA2QAV	Charles S Egan III - Melville, NY
74241	W4NHQ	Charles E Dean - St Petersburg, FL
74387	WS5H	William D Stone - Houston, TX
74705	KC9KTP	Brian R Lavalley - Cahokia, IL
75009	KB2VMG	Robert J Conroy - Flemington, NJ
75084	KC9KIO	Paul M Taddey - Eden, WI
75106	W0JG	Jack H Green - Holiday Island, AR
76398	KC6EDU	Herbert W Buckley Jr - El Paso, TX

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

Ruth #73/88,

## SOFTWARE DEFINED RADIO - SDR

A Softrock 10/12/15 SDR transceiver is shown below.



Mel KD5DE says the kit is challenging to assemble due to the surface mount components. Some components need to be installed with an embossing tool. With a decent power supply this transceiver will deliver a clean signal. Below shows the PC display for the transceiver.



# 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 2015

AD4RX.....	Director
AJ7B.....	Newsletter Editor
G4BLH.....	Awards - GB
K0DBK.....	Awards - Counties
K1IEQ.....	Committee Member
K4QHH.....	Award Manager-Mobile & VP
K5BKT.....	Committee Member
K5CC.....	Committee Member
K5ERJ.....	Committee Member
K5FBS.....	Director
K6DNR.....	Net Control
K6RDK.....	Data/ Membership Manager
K7CWS.....	Net Control
K7PRZ.....	Committee Member
KA5OVO.....	Historian
KA5VVD.....	Committee Member
KC8IM.....	Net Control
KD4BVG.....	Committee Member
KD5DE.....	President
KE1HG.....	Committee Member
KE6OIO.....	Net Control
KI6OY.....	Awards-CW
KM5EH.....	Director
KM5FF.....	Awards-WPX
KQ4PK.....	Net Control
KR7RK.....	Treasurer
KZ3T.....	QSO Party Manager
N0KDB.....	SK Manager
N0TW.....	Director
N1API.....	Committee Member
N3ES.....	Committee Member
N3FNE.....	Director
N4WDT.....	Net Control
N5MT.....	Awards - DX
N6ELK.....	Net Control
N6OPR.....	Director
N7YG.....	Director

N9AC.....	W6OI Trustee
N9AVY.....	Secretary
NZ1I.....	Committee Member
VA7SJ.....	Committee Member
VE3MEW.....	Committee Member
W4GA.....	Awards-WAC
W4MAA.....	Committee Member
W5DJT.....	Committee Member
W7CAR.....	Committee Member
W9HT.....	Committee Member
WA2SUH.....	Vice President
WA6POZ.....	Past President
WB0CON.....	Awards - WAS
WB6OJB.....	Net Control
WB9WZI.....	Net Control
WD4EWB.....	Committee Member
WD8JKV.....	Director
WM2W.....	Awards - 1000+ Bars
WN4AMO.....	Director

**RULES FOR THIS EVENT AVAILABLE AT [WWW.TEN-TEN.ORG](http://WWW.TEN-TEN.ORG) IN THE QSO PARTY HANDBOOK**



## 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](http://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](http://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](http://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](http://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/](http://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](http://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.

# 2015 10-10 QSO PARTY COVER SHEET

Event	Dates	Postmark	Event	Dates	Postmark
Winter Phone	Feb. 7-8	Feb. 23	Summer Phone	Aug. 1-2	Aug. 17
Spring Digital	April 25-26	May 11	Sprint	Oct. 10	Oct. 25
Spring CW	May 2-3	May 18	Fall CW	Oct. 17-18	Nov. 2
Open Season	June 6-7	June 22	Fall Digital	Nov. 14-15	Nov. 30
Spirit Of 76	June 29-July 5	July 20	Anniversary (53)	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, Lenior NC 28654, USA**

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