SPOTLIGHT on SOFTWARE

HAM RADIO SOFTWARE
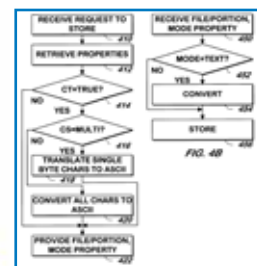
Table of Contents For This Issue

The 10-10 International News

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

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

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

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

OFFICERS, DIRECTORS AND NET OFFICIALS
Award Managers listed on page 18 - Membership Information listed on last pages of this issue.

President
Mel Sojka, KD5DE #33513 (2014)
353 Atlantic Ave., Shreveport, LA 71150-2909
(318) 861-7012 . . . . kd5de@ten-ten.org

Past President
Gerry Gross, WA6POZ #21274
1626 Shakespeare Dr., Tallahassee, FL 32317-8688
(850) 877-8134 . . . . wa6poz@ten-ten.org

Vice President
Larry Berger, WA2SUH #00407 (2014)
9 Nancy Blvd., Merrick, NY 11566-3119
(516) 223-4611 . . . . wa2suh@aol.com

Secretary
Jerry Heien, N9AVY #43313 (2014)
P.O. Box 190 Cary, IL 60013-0190
(847) 609-2806 . . . . n9avy@sbcglobal.net

Treasurer
Keith Schlottman, KR7RK #63324
9581 E. Calle Cascada, Tucson, AZ 85715-5819
(520) 290-5883 . . . . keith@schlottmancpa.com

Directors
Robert L. Farrow, N6OPR #45715 (2016)
14814 Gagely Dr., La Mirada, CA 90638-2116
(562) 944-9040 . . . . n6opr@msn.com

Ken Harmon, K1IEQ #31363 (2014)
471 Turnpike Rd, Mason, NH 03048-4722
(603) 878-1887 . . . . k1ieq@juno.com

Terry Webb, N0TW, #36547 (2016)
1103 Fulford Road Monticello, FL 32344-4352
(614) 216-5334 . . . . n0twterry@yahoo.com

Paul Hemby, WN4AMO #73825 (2016)
40601 Thomas Boat Landing Road, Umatilla, FL 32784-9702
(386)-837-6101 . . . . phemby@hotmail.com

Marcus Lieberman, KM5EH #71103 (2014)
2300 Hurley Dr. NW Albuquerque, NM 87120-1013
(505) 836-1724 . . . . buckml@lobo.net

Jay Drew, KC4JD #57475 (2014)
10570 Buice Road, Johns Creek, Georgia 30022
(678) 417-9276 . . . . jdrew6@hotmail.com

Cliff Taylor, K5FBS #48461 (2014)
179 Mystic Lane, London, KY 40744
(606) 312-2062 . . . . k5fbs@yahoo.com

Jeff Steinkamp, N7YG #65084 (2016)
6765 E. Rosewood Cir., Tucson AZ 85710
(520) 546-2290 . . . . n7yg@n7yg.com

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

Chapter Coordinator
Cliff Taylor, K5FBS #48461
179 Mystic Lane, London, KY 40744
(606) 312-2062 . . . . k5fbs@yahoo.com

Data Manager / Supplies
Data Manager, 10-10 International Net., Inc.
David Smith, K6RDK #65812
1349 Vernon Terrace San Mateo CA 94402-3331
. . . . membership@ten-ten.org

Editor 10-10 International News
Floyd Larck, KK3Q #26039
5841 Elon Drive Orlando, FL 32808-1809
(407) 299-6499 . . . . editor@ten-ten.org

General Counsel
Dave Splitt, KE3VV #69831
6111 Utah Avenue NW, Washington, DC 20015-2461
. . . . davidsplitt@erols.com

Net Manager
Robert L. Farrow, N6OPR #45715
14814 Gagely Dr., La Mirada, CA 90638-2116
(562) 944-9040 . . . . N6OPR@msn.com

QSL Bureau Manager
Terry Webb, N0TW, #36547
1103 Fulford Road Monticello, FL 32344-4352
(614) 216-5334 . . . . n0twterry@yahoo.com

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

Scholarship Manager
Larry Berger,WA2SUH #00407
9 Nancy Blvd., Merrick, NY 11566-3119
(516) 223-4611 . . . . 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

W6OI Station Trustee
Jerry Kopstein N9AC #61453
8041 W Lakeshore Drive Burlington, WI 53105
(262) 661-9094 . . . . treismine2@yahoo.com

From The Editor

Floyd Larck, KK3Q
(#26039)

After reviewing the past two Silent Key reports from Ruth, N0KDB (48715) for the NEWS it's evident we're losing members at a rapid pace. The number of 10-10 members declined by nearly *300* in just the previous two quarters. That figure doesn't add in the 90 SKs from this issue so it isn't something we should be dismissing lightly. It should be especially disconcerting to those of you who collect 10-10 numbers for various awards and chapter upgrades. It doesn't take a math whiz to figure out the fewer active 10-10 numbers there are means it will be harder to accumulate 10-10 numbers for those awards you're chasing. Without an influx of new members to fill in for the now departed SK members it will be difficult, if not impossible, to achieve these awards.

So how do we replace the 10-10 numbers no longer available to us to work? Dare I suggest we should try to recruit *new* members? Not just to the 10-10 organization but to the hobby as well. I've been around hot rods and old cars all my life and recently I saw an ad in the back of one of the car magazines I read. The ad is about the same size as the 10-10 ad in the back of QST. The ad has a picture of a man holding a young boy's hand and they are walking towards a car show. The text of the ad reads: "*Take a kid to a car show*". I wonder why amateur radio operators don't share this sort of enthusiasm for our hobby. Seems the term 'Elmer' is being used less and less these days which is a poor reflection on amateur radio.

Surely *someone* in the past has helped you in your pursuit of our hobby. Passing your tests? Chasing DX? How to build antennas that work? How about that new digital mode that someone helped you learn? It might be a bold statement on my part but I seriously doubt there's one of us who haven't had at least *one* person help us, teach us, show us *something* we needed help with in our hobby. Why the aversion to help someone else out in return? It doesn't cost anything to help another ham, or prospective ham, with the exception of a little of your time. Think back to the time someone spent teaching you about the hobby. Do you *owe* another ham something just because someone helped you learn or do something? No, you don't *owe* them anything but think back about where you would be if someone hadn't have stepped up and spent some time with *you*. It's entirely feasible you might not still be in the hobby had it not been for and Elmer or two in your past.

My wife, N3DCj (74876) suggested an award for Elmers since everyone wants to chase wallpaper. Sound silly? Tell that to the ARRL as they already have an Elmer award: http://www.arrl.org/elmer-award. If it will encourage people to be more proactive towards recruiting members into the hobby and 10-10 International then I'll even design it.

CONTENTS

Page numbers are links direct to pages in digital edition.

10-10 NET CONTROL STATIONS
ALL NETS BEGIN AT 1800Z

Monday	(28.380)	Todd, KC4TVZ	#60783
Monday	(28.800)	Doc, WB6OJB	#07067
Tuesday	(28.380)	OPEN CALLED BY	KB9MJ
Tuesday	(28.800)	Alan, WB9WZI	#76209
Wednesday	(28.380)	David N4WDT	#76237
Wednesday	(28.800)	*Louise, N6ELK	#36654
Thursday	(28.380)	Bob, N6OPR	#45715
Thursday	(28.800)	Robert, KQ4PK	#63201
Friday	(28.380)	Terry N0TW	#36547
Friday	(28.800)	Bob, K6DNR	#75386
Saturday	(28.380)	OPEN CALLED BY	N6OPR
Saturday	(28.800)	John N0ZNA	#66810
Sunday	**NEVER ON SUNDAY**		

Alternate Net Controllers
Ann, KE6OIO CA #68997
Bill　KB9MJ　IN #22313
Bob　W4GA　GA #75305
Marilyn KK4HHL FL #76400

From The President

**Mel Sojka, KD5DE
(#33513)**

UPPER LEVEL QRM

As in the past, I waited until after the Dayton Hamvention to compose this article. That event tends to give one a new perspective on Amateur Radio. At this event, you will find the newest radios, info on the most popular operating modes, or insight into future of the hobby itself. I was able to handle a new 5 watt handi talkie that operates 6 to 40 meters, this unit is not much larger that the old IC2AT. I was able to discuss the operation of software-defined radios used with tablets and cell phones with the designers of the software and interfaces. No matter what your avenue of interest, if it can be found Dayton is the place to look. This year the event was outstanding for Ten-Ten. We had K1IEQ Ken Harmon #31363, KB3GWX Ann Harmon #74600, K5FBS Cliff Taylor #48461, and KR7RK Keith Schlottman #63324 staffing the booth. Having this many besides myself allows time for other staffers to roam. The logbook sign in rate on Friday was intense, if it that had continued Saturday we would have had a record showing.

Of course, one of my tasks was to procure door prizes for the Convention. This at times is a bit painful if the dealers are having poor results at the show. This year was the exception all the dealers appeared to be having good response. As a result, I have almost as many door prizes as we have registered attendees at this time. This brings up a painful situation. Since 2005, the attendance at the Conventions has been less that desirable. This topic will be on the agenda at the board meeting in Hartford. It has never been the purpose of the event to produce profit for Ten Ten, but it is of no benefit to hold a convention that less than 1 percent of the current members attend. On the other hand there were over 200 members at Dayton that passed by the booth and I am sure there were that many more that never stopped by. Maybe we need to go back to the early convention methods, instead of a stand-alone event. As always, the Board and I are open to your input.

As all are aware, the organization depends on a volunteer work force. Some positions are a bit more active than others are, but all are critical. There are those that serve a Net Control stations, these are the source of many new members. When we have a vacancy in the net control area, it places a burden on others because no matter what the Nets should be called. These nets define the purpose of Ten Ten. Preserving ten meters for Amateur Radio use, through activity. Currently we do have one net without an assigned Net Control, contact N6OPR #45715 if you can act in this position. Volunteers also act as our Awards Managers and from infrequently we have needs in that area as well. We have a new 1000 and up Bars Award Manager - Marilyn Webb, KK4HH #76400. Our previous Manager N3TGB #68129 has served in that position for several years. Doris has served as a Director and Net Control in the past and now desires to travel a bit more. Another are that requires volunteers are our many committees. Without a strong volunteer force, we could not function. If you wish to be on the Volunteer List, please contact me.

In the late 80's and early 90's we began embracing a technology that would forever change every aspect of life. What began with as a simple tool has gone full circle to consume every waking moment for some. The personal computer now tends to be a required apparatus, but the technology based on it has effected both Ten Ten and Amateur Radio. One example is our election of officers. In the first election, there was a full slate of candidates, at that time there were 10 directors and we had 26 members qualified to run. Ballots sent by postal mail and nearly 4800 returned for counting. This trend continued until 2002 when 2177 returned for the count. The in 2004 6500 went out and 355 returned, this downward trend has continued and in the recent election, only 174 ballots made the count. What happened? Every eligible member including family members received the News containing the ballot. This did increase the cost of that issue. There was only one Directors office contested. Maybe it is time for an electronic election with the mail in option. The mechanics were in place, but the idea did not meet positive response. Maybe it is time to change attitudes allowing for forward progress instead of a maintenance posture. Maybe the whole election process needs to be changed, please contact one of the Net Officials if you have input on this matter.

This problem has migrated into all aspects of Amateur Radio. The Ten Ten Awards Programs have also fallen victim. With the removal of the QSL Card

requirement, it was felt that there would be increased activity on the Awards front. That is not the case. I recently applied for an award that began in 2000. To my surprise, I received certificate number 97.

I normally do not spend much time in phone portion of the band. I do listen everyday for the Official Nets, DX Nets, hold a Chapter Net every Saturday and do participate in the Phone QSO Party. I check the beacons often and spend most of my time on PSK, RTTY and CW. Contacts are there for the taking, but not many members appear there. At the very same time at the other end of the shack, I see members posting on the mailing list or Facebook that live in areas that I am working on PSK? What am I missing? It was bad enough to have cell phones make the use of repeaters and handi talkies a rare occurrence, but to have Facebook and Twitter replace HF seems to be on the horizon. The only bright side is that young people are beginning to loose interest in technology that does not present a challenge. This past week alone I have worked several Amateurs under the age of 20 on CW and the cool part is they are using paddles and keys without any computer assistance. This has created a new interest in that portion of the band. Look for me 28.045 - 065 and I will use your speed. Otherwise, check 28.120 on PSK. I will look for you on the low end of the band.

God Bless & 73

Mel KD5DE #33513

10-10

Keep your contact information up to date! Have you moved, changed post offices, or you're now using a new email address? 10-10 needs to know! To insure your quarterly newsletter reaches you in a timely manner you need to keep your contact information current with the 10-10 Data Manager. Even if you are receiving the NEWS in the digital format there could be times where materials might need need to be mailed to your QTH (such as voting materials.

Here is all the information you need in keeping your membership data current:

Data Manager, 10-10 International Net., Inc.
David Smith, K6RDK #65812
1349 Vernon Terrace San Mateo CA 94402-3331
membership@ten-ten.org

NEW LIFE MEMBERS

13234	K4FYM	Allen M Young	GA
13949	K0HW	R James Wennblom	SD
41258	K9LA	Carl Luetzelschwab	IN
50609	KA9JCP	Ronald R Crown	WI
56060	KC4JAN	James A Parker Jr	NC
59894	KH6CQ	Eric J Grabowski	HI
64814	N8VFF	John M Pappas	OH
71600	KB1DMU	Lorraine E C Corris	CT
75717	KD5CO	Charles G Olmstead	TX
76738	W3BE	John B Johnston	MD
76746	NN6JA	John C Amodeo	CA

NET CONTROL STATIONS NEEDED

Needed Net Control Station for the 28.380 and 28.800 Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via email: n6opr@msn.com.

As I have mentioned before the 10-10 NEWS is your newsletter and so I encourage members to send in their photos and articles. A hat tip (h/t) goes out to those who help out with extra content. This issue has had some great extra content provided by the following:

KC4TVZ
N1API
W1HKJ
WB5CXC
WD8JKV

Floyd, KK3Q

Chapter Coordinator

Cliff Taylor, K5FBS
(#48461)

CHAPTER COORDINATOR'S COLUMN
by Cliff Taylor, K5FBS, 10X 48461

General Comments:

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

2) During the months of April, May, and June, the following chapters have sent in either quarterly reports or chapter updates and are alive and well: Alii, Arizona Desert, Bauxite, Chesapeake Bay, Branding Iron I, Branding Iron II, Colorado Centennial/Colorado Frontier Gang/Centurion/Golden Aspen, Cowtown, Gold City, Lonestar. Maine-iacs, New Mexico Mud Ducks, Oklahoma Route 66, Oregon Trail, Portland 500,   Santa Fe Trail and Trail Driver. .Many thanks to the reporting officials of these chapters for keeping us up-to-date.

3) Because the following chapters have failed to fulfill the requirements for affiliation, they have been designated non-affiliated: Crazy Eights, and Lilac City,

4) Again I would like to bring the following to your attention. If you are not aware of it, the requirement for a chapter to be localized was dropped some time ago. Therefore, if the chapter head or certificate manager is no longer able to keep the chapter going, then anyone from anywhere would be able to pick up the chapter to keep it going. If there is anything that I hate to do, it is to report that another chapter has folded. Toward this end, it would be a good idea for the chapter to maintain the records in such a manner that someone could pick it up. This is only a suggestion in case you want your chapter to stay alive. The 10-10 organization does not dictate policy for the chapters. We have lost quite a few chapters during the recent past, so if you have a group that would like to be a part of the 10-10 organization, they would be more that welcome.

4) As you can see below, there have been no communications from some chapters in a long, long time. If you know the CM or CH of one of these chapters, please tell them to get in touch with me. I will be sending out letters, with a blank quarterly report, to the chapter head or certificate manager, and if I hear nothing back in a reasonable amount of time, the chapter will be deaffiliated. (If I have overlooked a quarterly report or other communication, please let me know, as I could very easily have missed one while relocating.)

Just a Reminder for Quarterly Reports Due During the Next 4 Months; (July) Minutemen/Old Ironsides; **(August)** Kansas Trails; North Georgia; **(September)** Springbok

Quarterly Reports Past Due: (December '10) Down Under; **(June '11)** Palmetto; Louisiana Pelican; **(August '11)** Channel Islands, Egyptian Radio Club, Route 66; **(September '11)** Tango; **(December '11)** Pikes Peak Ten Ten, **(April '12)** Battle Road; Boomtown; Steel City; Tango; **(May '12)** Cincinnati Area Ten Tuners; Steamboat Plus; **(June '12)** Cypress; Louisiana Pelican

Chapter News:

Alii: NH6SJ reports that conditions look bleak from Hawaii for the immediate future.

Branding Iron I/Branding Iron II/Trail Driver: These chapters now have a monthly special, Tenderfoot. Working this special will be worth 100 points on Branding Iron I, send to KA5VVD; Branding Iron II 50 points, send to N5SCA and Trail Driver 50 points again to N5SCA.

Castle Craig: (1) For those who attended the convention, you became Honorary Locals (HL) and 100 points was added to your Castle Craig Plus point value. In addition, if you checked into the parking lot net, another 100 points was added. (2) For those joining the chapter at the convention, participation in the net qualified you for all awards up through and including the Constitution State award. (3) For those non-attendees, you earned 100 points if you worked any chapter attendee at the convention or contact any Connecticut 10-10 member during the period July 9-15.

Colorado Centennial/Colorado Frontier Gang/Centurion/Golden Aspen; These chapters are currently on Summer break.

Cowtown: The chapter is continuing under new management. Officers are: Chapter Head - NJ5T; Certificate Manager - KB5UNX; and Correspondent - W5WJH. Tnx for taking over the chapter, Gentlemen.

Fort McHenry/Cornerstone: (1) October 1-31: Collect Fort McHenry Omaha numbers for 1 FTMCH point each. Collect Cornerstone Recruit numbers for 5 Cornerstone points each. Upgrades must be postmarked NLT November 30, 2013.

Margarita and Martini: As of January 1, 2013, this chapter is no longer be a paperchasing type chapter, however, new members will be added.

New Waterkant: The chapter is on summer hiatus until September.

Chapters that Accept Upgrades Via Email ((As of 30 November 2012))

 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@hawaii.rr.com. Use form available from the CM.

Battle Road - CM K1IEQ, k1ieq@juno.com

Bauxite - CM K5BKT, k5bkt@nwla.com - Bauxite and Arkansas Visitor #'s only

Bay Area - CM K6RDK, arrl.net

Boomtown - CM N5EBA, ed_cisse_neal@yahoo.com

Bounty Hunters & Outlaws on Ten - CM WD5EDR, billheb@att.net

Branding Iron – CM, ka5vvd@gmail.com.

Branding Iron II - CM N5SCA, n5sca@sbcglobal.net

Castle Craig & Castle Craig Plus- CM N1API, n1api@cox.net

Chesapeake Bay: CM N3TGB, n3tgb@aol.com

City of Roses & Portland Bridges - CM K7PRZ, k7prz@isp.com

Colorado Centennial/ Colorado Frontier Gang/Centurion/Golden Aspen- CM WB0CON, wb0con@comcast.net..

Cradle of the Confederacy - CM K4PO, k4po@charter.net
Electric City - CM WA2OIZ, istillwell@att.net
Fort McHenry, Cornerstone & Yodar Kritch - CM K3TUJ, k3tuj@juno.com
Gold City: CM K4QHH, rabisch@hotmail.com.
Houston S.H.O.T. - CM AD5IF, mccrevey@sbcglobal.net.
Kansas Trails - CM KB6UPG, kb6upg@mchsi.com
Keystone & Keystone Stars - CM KA6GPC, ka6gpc@aol.com
Major League Baseball - CM N6OPR, n6opr@msn.com
Minuteman & Old Ironsides - CM WA1ENO, wa1eno@hotmail.com
Neanderthal - CM DK5LP, cm.neanderthal@online.de
New Mexico Mud Ducks - CM KM5EH, buckml@lobo.net
New Waterkant - CM DK7LA, dk7la@t-online.de
North Georgia – CM W4GKF, chaz@chazcone.com or 10X@w4gkf.com
Oregon Trail - CM W7HO, w7ho@w7ho.com or w7ho@arrl.net
Palmetto: CM NJ4F, nj4f@arrl.net
Portland 500 - CM W7HO, w7ho@arrl.net or w7ho@w7ho.com
Republic of Texas – CM WD8JKV, ray.moyer@sbcglobal.net
Restoration Project: CM VA7SJ, cocjurassic@shaw.ca
Sky Blue Waters & Tin Lizzie - CM KA0ZIA, sbwtl1010@gmail.com.
Santa Fe Trail: CM KA9PCU, ka9pcu@centurylink.net
Space Coast - CM K5FBS, k5fbs@yahoo.com
Speedway; CM W7CAR, w7car@arrl.net
Springbok - CM (for all except Oceania, Asia) W4ZYD, w4zyd@springboknet.com or msteele@naxs.com; CM (for Oceania, Asia) ZL3KR, zl3kr@clear.net.nz
Steamboat Plus - CM KD5DE, kd5de@nwla.com
Steel City - CM KE9WZ, ke9wz@windstream.net
Trail Driver - CM N5SCA, n5sca@sbcglobal.net
Twin Cities - CM K0DBK, k0dbk@comcast.net

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 or clifford.taylor@gmail.com or via "snail" mail to 179 Mystic Lane, London, KY 40744.

Do YOU support your local chapter?
Or do you just accumulate 10-10 numbers?
Support your local chapter.
Check into its weekly net.
Participate in any awards programs they offer.
Don't just sit on the sidelines - participate!

Sending Materials For Use In The NEWS

As you can see with this issue of the NEWS there are some folks who have taken the time to send in materials of their own for our use. In case you are interested in sending things like articles you can send them via editor@10-10.org. For pictures I would prefer you to use my personal email account because it has more room in the inbox than the editor email address has.

So what can you send? Articles on antennas such as the ones K9LA has done now on several occasions. N0TW has conducted several Dxpeditions and wrote about them. WN4AMO sends in pictures of the 10-10 booth at various hamfests he and others attend while promoting 10-10. W6RW took the time to send in an article on the very early days of 10-10 International that I found interesting.

In this issue you will find amateur radio software and a couple of articles from folks who aren't even 10-10 members.

Remember the NEWS is your newsletter so feel free to send in items to be included in the next issue. It is mentioned elsewhere in this edition but I wanted to mention again those who have sent materials in:

KC4TVZ
N1API
W1HKJ
WB5CXC
WD8JKV

Articles: editor@10-10.org
Pictures: hamradio@kk3q.net

NET CONTROL STATIONS NEEDED

Needed Net Control Station for the 28.380 and 28.800 Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via email: n6opr@msn.com.

DX News

Mike Davidson, N5MT
(#24949)

The Summer has brought a small change of propagation that has helped us have a few stateside contacts as well as propagation into South America from Texas. The Digital and CW weekend contests produced a few contacts on Ten that went into my log and helped me get a couple of certificates from both of these QSO parties. We had an increase in the solar flux this quarter but more flux did not help with more DX getting into the log. You will see by the listing on the next pages, that the number of people going places later this year is greatly reduced. As for cycle 24, it has made some progress and a new peak is possible in late 2013, but I see fewer state side and DX contacts in your log in 2013 as compared to last year.

Just as I am posting this DX article, the Open Season QSO Party using PSK started on June 1st for two days. Please get on PSK and make a few contacts as your points are helpful plus it will help others get on the band. Last year 10-10 had more people participating in this QSO Party than in past years so please make some contacts!

Coming in July, 10-10 has a unique QSO Party called the Spirit of 76 which lasts for seven days from July 1-7th. The most important rule to remember, you want to talk with others stations on six different modes: AM, FM, CW, SSB, PSK and RTTY. Members are two points, others one point and you can make six different contacts with the same person for a clean sweep. Remember it's a QSO party not a contest so take your time and enjoy the band!

Good News for 10-10 DX chasers. A group of YL ops is going to Kangerlussuaq Greenland in mid August. Only one operator Kay WA0WOF #23802 is a 10-10 member. There has been no 10-10 activity for 20 years from OX as the only local member has been off the air after his radio broke. More info on the next page.

I continue to use the ARRL LoTW QSL service as it saves me a lot of postage. Your computer logging program will produce a LoTW file for uploading your log to the LoTW server. I presently have about a hundred pending confirmations that will add to my score. A recent change to the TQSL program that you use to upload your data now has more features and functions, so try it soon.

I was able to work Ken Z81Z/K4ZW #18573 for a new 10-10 country from the Rep. of South Sudan on March 6th. Ken will be in Ethiopia ET in June 8th at the club station ET3AA on a new work assignment but there has been no word if he will return to S. Sudan. Since the war between Eritrea (E3) and Ethiopia ended in 2000, this region is now safer for ham radio activity. Both Eritrea and Ethiopia have had 10-10 activity in past years, so good luck.

I am posting this to the 10-10 website on June 1st, as I start my twenty-third year being your DX Editor so enjoy the DX info that follows. This past quarter has been real slow for DX and state-side contacts have been down, even with the increase in the solar flux this past quarter.

Countries Award: There were six upgrades and one Basic award issued to four members this past quarter. All are taking advantage of the NO QSL cards required for awards. When you apply for any 10-10 award, you need to use an approved form at the 10-10 website or use software that prints the forms for emailing.

General 10-10 DX reported in the past quarter:

3V/TS Tunisia. Antonello IK2DUW #18397 and twelve friends were on a DXpedition to Djerba Island Tunisia, from April 29th to May 6th with call sign TS8TI.

6Y Jamaica. Allen N3KW/6Y6T #14114, was active from Jamaica from March 5-13th only on CW.

8P Barbados. Jeff VA3QSL/8P9HI #73406, was on from April 6-13th. He used a IC-7000 into a dipole. Dean 8P6SH/8P2K #45815, was on during the CQ WPX contest March 30th. QSL via KU9C.

C6 Bahama Islands. Paul K1VK #9756, was in the ARRL IDX SSB Contest March 2-3rd as C6ANM. Also, Chuck KG9N/C6A #17038, was on from the Bahamas from March 28th to April 4th including the CW WPX SSB contest. LoTW.

CT Madeira Island. Falk DK7YY/CT9 #23467, was on from April 8-11th.

ET Ethiopia. Karl K4YT/ET3AA #37347, is back in Ethiopia starting May 19th for an unknown length of time.

E6 Niue. Graeme VK4FI/E6SG #37824, was on Niue between March 22-29th.

FO French Polynesia. Al KZ3AB #63030, was in Tahiti, Bora Bora, Raiatea and Tahaa from May 3-13th using call sign FO/KZ3AB from his hotel which counts for DXCC.

FS St. Martin. Andy DK5ON #54260, was on the French & Dutch sides of the island from March 10-29th.

G England. Peter G0NQZ #72724 was operating as GX4BJC/A in East Sussex during May 2013.

HR Honduras. Gerard F2JD/HR5 #63443, was back in Honduras from February 26th for three months.

J7 Dominica. Richard KK4GV/J79GV #39793, was active from March 9-17th using only SSB. LoTW.

K USA. Ron K5HM #76323 and Matt K5NGU #76500 were on Mustang Island, Texas from April 6-7th using BVARC club call KK5W #67832. Lou W0FK #8677 was in Florida on Longboat Key Island from March 2-16th.

KP2 Virgin Islands. John KP2/W3JH #28715 was on from the Virgin Islands from March 13-19th. Tony N2TK #22425, was in the SSB contest in March as KP2M. Stan K8MJZ #6204, and friends were on the island for the WPX SSB contest March 30-31st as WP2Z. Three ops including Fred K9VV #8707, will use call sign KP2M #75928 from May 25-26th.

PJ4 Bonaire. David NA2AA #40574 will be with friends at the PJ4G club station on Bonaire. David will use call PJ4G as a single op entry in the CQ WPX CW contest May 25-26th.

PJ7 Sint Maarten. Randy N0TG #12990, was on Sint

Maarten, from March 15-23rd plus Ron AA4VK #12423. **SV Greece**. Hughie G3UME #38239 was with friends using call SZ8S from Samos Island between May 16-30th. Boyko LZ1QN/SV8 #50483, was on Zakynthos Island with a special call SW8LZ from May 19-27th.

T2 Tuvalu. Tom GM4FDM #31864 was using call sign T2GM from March 13-21st. Web: .
Tim NL8F #32796, was on Tuvalu Island from March 19-30th with call sign T2TT.

TX Clipperton Island. Luis XE1L #18056 and Rick KF4ZZ #7178, used call TX5K on Clipperton from February 27th to March 16th. Unfortunately Luis had a massive heart attack and died just after returning to the USA on his way back home. Web: http://TX5K.org .

V3 Belize. Lee N8LJ/V31LJ #61088 and Stan AC8W/V31AC #62885 were in Belize from February 27th to March 5th and in the ARRL DX SSB contest.

V6 Micronesia. Sho JA7HMZ #30900 and a friend, were on Pohnpei island from April 15-20th. Haru JA1XGI #55571, was in Pohnpei from April 3-11th as V63XG for some limited contacts on Ten meters.

VP5 Turks and Caicos Islands. Urb W1UL #21534, will be on from March 7-13th on CW as VP5/W1UL.
Dave VP5/W5CW #6506, was on Caicos Island from May 17th to June 11th. Dave used a special call VP53V during the CQ WPX CW contest the last weekend in May.

VP8G South Georgia. Felix DL5XL #55519, was on a ship that has reached S. Georgia in April. No reports.

XV Vietnam. Irek SP3SUX #62262, was in Can Tho, Vietnam as a guest op at XV4Y in a contest April 6-7th.

YJ Vanuatu. Bill K2PO/YJ0PO #6344, was on Efate Island for the CQ WPX CW contest the end of May.

ZF Grand Cayman. Bob K3UL/ZF3UL #1220, was on March 11-14th for a while on Ten. LoTW.

ZL New Zealand. Les ZL3AB #4434 and friends, were active as ZL3X in the WPX SSB contest March 30-31st.

ZL7 Chatham Island. Jim ZL1LC/ZL7LC #76528, was on Chatham from March 14-21st but no ten meters.
Holger ZL3IO #22401, was on during the CQ WPX CW contest May 25-26th as a single op. LoTW.

Upcoming DX & New 10-10 Activity:

9H Malta. Holger DL5XAT #64618 will operate as 9H3TX on Gozo Island from November 17-25th.

C8 Mozambique. Don N1DG #27629 and Jose CT1EEB #58967, will be in Mozambique with friends in mid October using call C82DX. LoTW and Club Log.

CE0Z Juan Fernandez Island. A DXpedition to Juan Fernandez will take place from November 8-20th. Art WA7NB #74754 and friends will have four stations on the air as much as possible using call XR0ZR. Web site: www.JuanFernandez2013.com.

ET Ethiopia. Ken K4ZW #18573, will be back in Ethiopia on June 8-11th and op at club station EA3AA.

FP St.Pierre & Miquelon. Eric KV1J #31247, will be on the island from July 6-16th. Web site: www.kv1j.com.

HH Haiti. Tom KC0W/HH5 #67688, will be in Haiti from July 6-25th operating CW.

I Italy. Dale N3BNA #32100, Boyko LZ1QN #50483 and friends will be on Lampedusa Island off Sicily in late October for the CQ SSB contest.   .

J6 St. Lucia. Bill K9HZ/J68HZ #2618, will be in St. Lucia from June 8-22nd. He will use a 3 element beam plus wires for the lower bands. LoTW and home call.

J7 Dominica. Terry N0TW/J79TRW #36547 and Gerry WA6POZ #21274, will be on from August 2-6th during the 10-10 Summer QSO Party.

K USA. Allan KV4T #38824, Robert AJ4T #58364 and Steve KI4GGJ #76061, will be on Dauphin Island from June 19-24th. The club call KK5W #67832, will be on for the Museum Ship weekend June 1st from Pelican Island in Seawolf Park, Galveston, Texas.

OX Greenland. An international group of YL's will activate Greenland from August 16-20th. During this four day DXpedition, look for Kay WA0WOF #23802 as the only 10-10 member operating OX5YL. Web site at: http://home.online.no/~la6rha/greenland2013.htm.

T33 Banaba Island. Arnie N6HC #29959, Cliff KD6XH #4427, Jay AA4FL #8436, will be on Banaba Island sometime in November 2013.

V4 St. Kitts. John W5JON/V47JA #71041, will be back in Calypso Bay from July 9th to August 10th. LoTW.

VE9 Canada. Jim AE1C/V9 #17864, will be on Grand Manan Island from August 18-25th. LoTW.

Miscellaneous Items & Notes:
Propagation forecast: http://www.solen.info/solar/.
DX Calendar: http://www.dxwatch.com/.
More propagation: http://dx.qsl.net/propagation/.

Propagation: Propagation during the Spring of 2013 has been better than 2012 due to an increase in the number of solar flares this year. The highest flux in 2012 was in July at about 135. In May 2013 it got up to 160. I expect the daily solar flux to range from 105-150 this next quarter as cycle 24 continues. There still is a possibility that if the sun continues its solar flare-ups, that we could have one more peak this winter for cycle 24 like we had in cycle 23.

On June 1st the solar flux was 102, the A index was 9 and K index 4. Look for the best conditions: June 12-14th, July 9-12th, August 5-8th and Sept 1-3rd. Over the next three months, for USA stations, expect a 10-30% chance of DX in the mornings to Europe or Africa and a 15% chance into Asia, South America or the Pacific in the late afternoon. To see what DX paths are open, listen for the beacons from 28.175-28.300 (especially 28.200).

New DX members' March To May 2013:
March: 76742 VE3POK; April: none; May: none.

Thanks to the QRZ-DX, DXNL, The Daily DX by W3UR #25731, Lee KH6BZF #8888 & Ohio/Penn DX Bulletins. Info to Mike Davidson, 3518 Bellefontaine, Houston, TX 77025 USA Email: N5MT@aol.com.

DX IS!   **73 Mike Davidson N5MT #24949**
Copyright © 2013 by N5MT

NET CONTROL STATIONS NEEDED

Needed Net Control Station for the 28.380 and 28.800 Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via email: n6opr@msn.com.

Net Report

Bob Farrow, N6OPR (#45715)

Hello Friends,

Well the year 2012 went out with a big bang! In the last two weeks of the year we had a total of 589 check-ins, and 134 of those were without numbers. During the last two weeks of 2012 we had 3 nets with 60 plus check-ins and several nets with 50 plus. The highest number of check-ins was 68.

During the First Quarter of 2013 there were a total 3167 checking in, 437 of those were without numbers. Again, several nets had over 50 checking in, and a few nets had over 60 check-ins. The highest count was 64. In the first week of April things were looking good and then the band really slowed down.

On Thursday, March 14th, 2013 we sadly lost Brian (KC7OC) as Net Control. Brian has been calling the 28.380 net for us on Tuesdays for several years.KB9MJ, Bill, has come out of retirement to cover the Tuesday 28.380 net until we find a replacement for Brian.

We are looking for a few more Net Control Stations. If you may be interested please contact N6OPR, Bob 45715 at n6opr@msn.com.

Thank you for stopping by,
Bob, N6OPR #45715
Director

MONDAY NETS

28.380 DATE	TOTAL	NO 10X#	28.800 DATE	TOTAL	NO 10X#
01-07	10	1	01-07	25	1
01-14	26	3	01-14	29	2
01-21	9	3	01-21	18	1
01-28	21	3	01-28	25	0
02-04	15	0	02-04	22	0
02-11	17	1	02-11	23	0
02-18	16	3	02-18	25	1
02-25	17	1	02-25	4	0
03-04	9	0	03-04	19	0
03-11	21	4	03-11	20	0
03-18	17	2	03-18	18	0
03-25	10	1	03-25	18	1

TUESDAY NETS

28.380 DATE	TOTAL	NO 10X#	28.800 DATE	TOTAL	NO 10X#
01-01	43	6	01-01	3	0
01-08	36	11	01-08	8	0
01-15	37	4	01-15	15	0
01-22	24	0	01-22	2	0
01-29	31	5	01-29	6	1
02-05	45	4	02-05	6	0
02-12	27	4	02-12	4	0
02-19	40	4	02-19	3	0
02-26	30	13	02-26	2	0
03-05	1	0	03-05	1	0
03-12	33	7	03-12	6	0
03-19	2	1	03-19	2	0
03-26	1	0	03-26	1	0

WEDNESDAY NETS

28.380 DATE	TOTAL	NO 10X#	28.800 DATE	TOTAL	NO 10X#
01-02	60	9	01-02	18	0
01-09	52	10	01-09	14	0
01-16	42	6	01-16	22	0
01-23	36	6	01-23	0	0
01-30	5	11	01-30	15	0
02-06	42	4	02-06	12	0
02-13	39	5	02-13	9	0
02-20	18	2	02-18	15	2
02-27	1	0	02-27	18	2
03-06	2	0	03-06	14	1
03-13	42	7	03-13	14	0
03-20	2	0	03-20	10	0
03-27	2	0	03-27	13	0

THURSDAY NETS

28.380 DATE	TOTAL	NO 10X#	28.800 DATE	TOTAL	NO 10X#
01-03	46	7	01-03	17	3
01-10	62	13	01-10	5	0
01-17	50	9	01-17	5	0
01-24	29	5	01-24	1	0
01-31	21	0	01-31	6	0
02-07	46	8	02-07	20	3
02-14	57	6	02-14	6	0
02-21	54	8	02-21	8	0
02-28	32	2	02-28	6	0
03-07	55	20	03-07	12	3
03-14	50	15	03-14	9	1
03-21	15	0	03-21	3	0
03-28	36	5	03-28	5	1

FRIDAY NETS

28.380 DATE	TOTAL	NO 10X#	28.800 DATE	TOTAL	NO 10X#
01-04	40	4	01-04	9	0
01-11	64	7	01-11	17	1
01-18	40	3	01-18	11	1
01-25	31	6	01-25	16	4
02-01	18	5	02-01	11	0
02-08	64	4	02-08	20	0
02-15	45	6	02-15	9	0
02-22	54	7	02-22	12	0
03-01	3	0	03-01	16	0
03-08	42	5	03-08	10	0
03-15	43	11	03-15	12	0
03-22	14	0	03-22	3	0
03-29	3	0	03-29	15	0

SATURDAY NETS

28.380 DATE	TOTAL	NO 10X#	28.800 DATE	TOTAL	NO 10X#
01-05	49	9	01-05	8	1
01-12	41	9	01-12	7	1
01-19	34	2	01-19	2	1
01-26	50	11	01-26	9	2
02-02	32	5	02-02	5	1
02-09	51	8	02-09	12	2
02-16	40	6	02-16	3	0
02-23	43	12	02-23	3	0
03-02	0	0	03-02	2	0
03-09	53	13	03-09	3	0
03-16	58	21	03-16	3	0
03-23	45	10	03-23	2	0
03-30	17	0	03-30	2	0

Needed Net Control Station for the 28.380 and 28.800 Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via email: n6opr@msn.com.

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 2013

AC8JW	Moderator		N0TW	Director
G4BLH	Awards - GB		N0ZNA	Net Control
K0DBK	Awards - Counties		N1API	Committee Member
K0NO	Committee Member		N3ES	Committee Member
K1IEQ	Director		N3FNE	Committee Member
K2BIL	Committee Member		N4WDT	Net Control
K5CC	W6OI Trustee*		N5MT	Awards - DX
K5FBS	Director		N6ELK	Net Control
K5BKT	Committee Member		N6OPR	Director
K6DNR	Net Control		N7WKT	Awards - Mobile
K6RDK	Data/ Membership Manager		N7YG	Director
KA5OVO	Historian		N9AC	W6OI Trustee
KA5VVD	Committee Member		N9AVY	Secretary
KB9MJ	Net Control		NZ1I	Committee Member
KC4JD	Director		VA7SJ	Committee Member
KC4TVZ	Net Control		W1KT	Committee Member
KC5GXL	Moderator		W4GA	Awards-WAC
KC7OC	Net Control		W4MAA	Committee Member
KC8IM	Net Control		W5DJT	Committee Member
KD4BVG	Committee Member		W9HT	Committee Member
KD5DE	President		WA2SUH	Vice President
KE1HG	Committee Member		WA4EEZ	Moderator
KE3VV	General Counsel		WA4TC	Awards - VP
KE6OIO	Net Control		WA6POZ	Past President
KK3Q	Editor		WB0CON	Awards - WAS
KK4HHL	Awards - 1000+ Bars		WB6OJB	Net Control
KM5EH	Director		WB9WZI	Net Control
KM5FF	Awards-WPX		WD4EWB	Committee Member
KQ4PK	Net Control		WD8JKV	Committee Member
KR7RK	Treasurer		WN4AMO	Director
KZ3T	QSO Party Manager			
N0KDB	SK Manager			

*K5CC remains on the Volunteer List because he served the first 6 weeks of 2013.

Silent Keys

Compiled By
Ruth Bartholomew, N0KDB,
(#48715)

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

10-10#	Call	Name	City	State
000014	WA6QKC	Joan W Mc Donell	Thousand Oaks	CA
001192	N7SD	Ernest C Wachter	Lakeland	FL
002199	W8RYB	Robert L Payne	Belington	TN
003260	W1ZFP	Robert L Johnson	Hillsville	VA
004338	WB9AMX	Oliver H Kretzer	Pana	IL
005040	KZ5WH	Wade Huffman Jr	Hickory	NC
006263	WB8DNI	William E Brown	St Clair Shores	MI
007450	W1MRD	Robert L Simons	Hampton	NH
008402	WA5FOE	Richard E Spies	San Antonio	TX
008720	W9IT	Adolph A Jelen	Marengo	IL
008779	W8AYB	Jerry J Wyckoff	Lake Charles	LA
08841	K6UEY	Orville J Dalton	Sacramento	CA
009211	WD5GJB	Cornell C Bodensteiner	Lafayette	LA
010016	K5ROV	James Parsons	San Angelo	TX
011446	WB9TPD	Lee J Benson	Tuscon	AZ
011453	W2LYL	Louis D 'Lew' Joseph	Stuarts Draft	VA
013941	KF0FO	James R Peterson	Omha	NE
014076	AE2L	Joshua J Brehm	Rose Hill	NC
014237	W5RCW	Alvin E Robinson	Powell	WY
014316	W0CEM	John R Stanesic	Junction City	KS
016745	W3ENL	Barrie L Schwartz	Columbus	OH
016775	WB3IFE	William R Austin	Erie	PA
016814	N3BE	Samuel L Thomas	Gaithersburg	MD
017797	W1ABM	Harold T Jones	Weymouth	MA
018351	WB7REA	R Monty Millican	Wilmington	NC
018361	VE3GVH	E. Bert Collins	Sudbury ON	CAN
018880	KD5UX	Elbert A Mc Bride	Brownwood	TX
019424	WA0QIT	Leslie E Taylor	Duluth	MN
019856	VE7DVL	Leonard 'Len' Murdock	Courteney BC	CAN
019984	K9OOA	Joseph E Lobraico Sr	Indianapolis	IN
020417	K5HYD	Edward D Perkins Jr	Hillsboro	TX
020863	KB8EA	W J Horton	Heath	OH
021689	WD4IYS	Harvey J Crane Jr	Daytona Beach	FL
022421	WB3EWB	Wilbur S Reindollar	Littlestown	PA
022941	WB7ECH	J Audrey Sparlin	Everett	WA
023124	W4MYN	Robert A Thompson	Salisbury	NC
024256	AK9N	Eugene L Melton	Litchfield Park	AZ
025859	N9AFI	Larry D Manning	Lafontaine	IN
026921	WB7AIV	Raymond R Sparlin	Everett	WA
028011	KB9IF	James R Winchester	Webster	WI
028085	KB9KV	Edward J Andrew	Naples	FL
028086	N9CCC	Richard L Witherby	Rockford	IL
029418	KS5V	Emile H Larose III	Bulverde	TX
029580	K4RM	Ronald E Menold Sr	Groveland	FL
030485	W8EAR	Nelson M Caley	Canton	OH
031135	K9DHC	Arthur R Tait	Goshen	IN
031412	KB7UG	James R Chaddock	Ferndale	WA
035019	DF8TK	Horst Lange	Horb	GER
035414	KD8HA	George V Judy Jr	Mechanicsburg	OH
035502	W3FXF	David F Edwards Jr	Laurel	DE
036271	K4VIQ	Martin B Gourley	Rogersville	TN
036398	N2DHP	Larry M Israel	Bergenfield	NJ
039702	WB4ZCQ	James 'Ed' Thompson	Nashville	TN
041649	N0GGO	Billy K Turner	Wichita	KS
044928	NL7DK	Harvey E Rookus	Anchorage	AK
045034	KA0BAT	Melba L Hoss	Topeka	KS
045184	KB2DLY	Stephen Kotansky	Watervliet	NY
045938	K3OCW	Robert A Carbaugh	York	PA
047866	KA4WAC	Randell A Webster	Tullahoma	TN
048100	W1LIM	Hubert J Topliff	Auburn	NH
048218	AA9BO	Jack H Reynolds	Indianapolis	IN
048612	KD5FG	Barry M Stephens	Sherman	TX
051042	K8RN	Roger A Nace	Mesa	AZ
051961	N9BJV	Raymond P Fredrich	Palm Harbor	FL
053779	N6PFY	Richard H Ingwerson	Garden Grove	CA
054739	AA5ZU	Earl E Vaughn	Bartleville	OK
055011	N1GUW	John C Wistrand	Flat Rock	NC
055256	N0HRW	Joseph L Stenger	Minneapolis	MN
055813	W5OJM	E Brooks Shera	Santa Fe	NM
056356	W0GWT	Robert R Henrich	St Charles	MO
057359	K9FTO	George J Van Gieson	Michigan City	IN
058708	N0MKN	Maryanne E Paschen	Erie	CO
059361	KA0DEZ	John D Lellelid	Colman	SD
059576	KM6RP	Donald V Johnson	Highland	CA
059854	K8WT	Richard F Brake	Bridgeport	WV
062703	N2PAT	Richard T Siefert	Oxford	NY
063359	AA5Q	James R Bradshaw Jr	El Paso	TX
063665	N8TMQ	Thomas H Auston	Fraser	MI
064447	WW4ZZ	Donald J Mcvicker	Boynton Beach	FL
064948	KO6CS	Billy G Lyons	Torrance	CA
066153	W4TBO	Howard G Ling	Fayetteville	NC
066620	KA4TEU	Keith S Benet	Louisille	KY
067575	KB4GH	Edwin A Nicholls Jr	Alcoa	TN
067786	KD4LSB	Robert G Johnsen	Aiken	SC
068049	N2YU	Gordon E Skorup	Marlton	NJ
069174	WB9UWJ	Henry Dalleave	Ragsdale	IN
069521	K7DVR	Roger W De Veer	Horseshoe Bend	ID
069581	KF6OQY	Joseph P Sylvia	Sparks	NV

069604	DJ2DP	Ingeborg 'Inge' Rocholl	Herne	GER
070635	N4JAQ	Hanson P Anderson Jr	Ocala	FL
071027	KD4YOL	Robert J Anderson	Amelia	VA
071065	KC5RQB	Hoyd S King Jr	Houston	TX
071127	W6NRQ	Stephen J Shane	Henet	CA
071578	K7JML	James 'Mike' La Ferla	Newport	WA
072544	K6TEN	Vincent A La Porta	Cupertino	CA
072769	WA7HYD	Robert D Huson	Marysville	WA
073587	W9SFB	Sam F Baribeau	Roselle	IL
075273	K4YKI	Norman C Smith Sr	Owenton	KY
075491	KD7TUD	Erwin C Witt	Davenport	IA
075548	KI4AAN	William G Blasingame	Port Orange	FL

10M Vertical Antenna Images
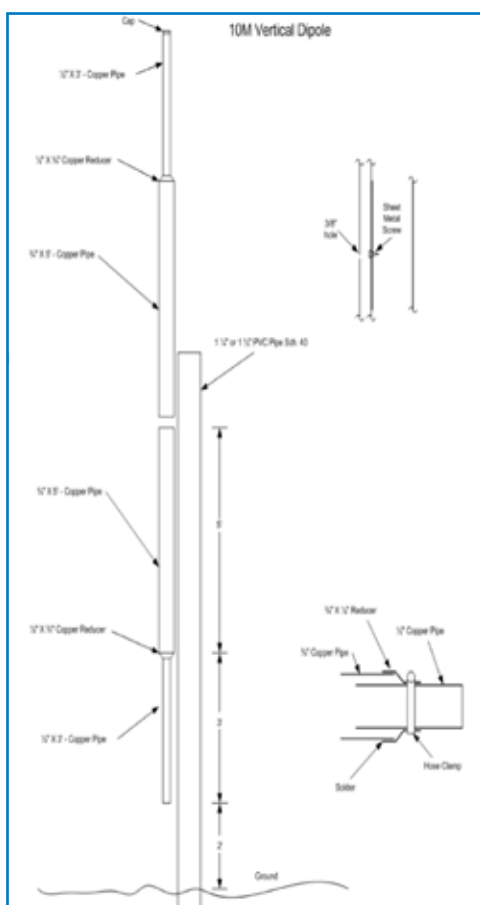
10M Vertical Antenna by WB5CXC

After reading an article by N2UHC on a 10M vertical dipole I decided to build my own. The antenna in the article was made from electrical conduit. I had some problems with the electrical conduit as it was very hard to tune. I have built several of the Copper Cactus 2M antennas and have also been building EH antennas, so I decided to use similar building methods and material for my 10M vertical dipole (copper pipe and PVC pipe). I used 3/4" copper pipe for it's rigidity and the 1/2" copper pipe allows for adjustment. I began by modeling the antenna using EZNEC. I decided to mount the antenna close to the ground. This gives the antenna a low angle of radiation. You can notice that you have a decrease in the gain but I think the low angle of radiation will make up for the loss in gain.

Materials:
3/4" X 10' Copper Pipe Lowe's / Home Depot
1/2" X 10' Copper Pipe Lowe's / Home Depot
1 1/2" PVC Sch. 40 Pipe Lowe's / Home Depot
3/4" X 1/2" Copper Pipe Reducers Lowe's / Home Depot
8 or #10 X 1/2" Sheet Metal Screw Lowe's / Home Depot
SS Hose Clamps Lowe's / Home Depot
With the price of copper, you might want to use alumunim tubing.

Start by cutting the 3/4" copper pipe in two 5' sections. On one of the section mark 1', 2', and 3'. At the marks drill a 3/8" hole through the tubing on one side. All the hole should be lined up. On the other section mark at 6" and 1' and drill 3/8" holes through the tubing on one side. These holes will be used for mounting the copper pipe to the PVC pipe.

The 2 reducers have to be modified. Using a hack saw cut a groove in the 1/2" end down to the 3/4" section. This will give the hose clamp room to compress the reducer and hold the 1/2" pipe. Now on the inside of each reducer you will find a little tit. This is used to stop the pipe at the correct location when inside of each reducer you will find a little tit. This is used to stop the pipe at the correct location when Solder the reducer onto the 3/4" pipe. On the section that has two holes, solder the reducer on the opposite end.

Cut the 2 - 3' section of the 1/2" copper pipe. This will be used for the ends of the antenna. Slide the 1/2" pipe into the reducers leaving about 2' exposed and secure using the hose clamps. Lay out the PVC pipe and the two sections of the antennas. The spacing between the two sections should be approximately 1". Drill a hole through the other side of the tubing where you have the 3/8" holes. This hole should be sized so the sheet metal screw will rotate freely. Now place the copper pipe and PVC pipe according to the drawing. The PVC should extend approximately 14" above the center of the dipole. Using a 1/8" drill bit drill through the hole in the copper pipe into the PVC. Fasten the copper pipe to the PVC pipe using the sheet metal screws. Now mount the coax to the antenna. The braid of the coax should be on the section closes to the ground. There are many ways to connect the coax to the antenna (using screws, soldering, etc.). Mount the antenna using the PVC pipe. Mounting solutions is up to you. The antenna may be tied down with non-conduction rope. This will give it more stability. After mounting the antenna, connect it to your rig and tune the short pieces (1/2") to obtain the best SWR. As can be seen from the SWR plot the 2:1 bandwidth is over 1 Mhz.

Copyright Larry Brown, WB5CXC, used with permission
http://www.wb5cxc.com/10mvert.html
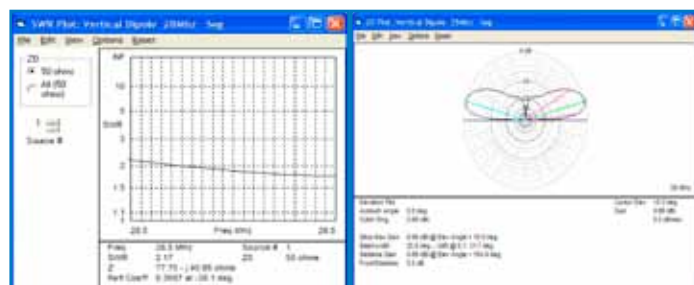
SPOTLIGHT ON AMATEUR RADIO SOFTWARE

Anyone of us who have been in the hobby for an extended length of time will agree that the computer has truly revolutionized amateur radio. Indeed our radios are nothing more than computers with an antenna connection on the rear panel. The software available for amateur radio has made our hobby more enjoyable and more productive in terms of log keeping, award management, and so forth. Commercial software generally revolves around digital modes, log keeping, and utilities such as antenna modeling and more. The amateur radio freeware available is what drives the digital modes as well as many amateur radio related utilities. In this issue of the NEWS we will review some applications that 10-10 members have submitted to help others learn about their purpose and availability. None of these programs are commercial applications as 10-10 cannot promote commercial products because of our nonprofit status.
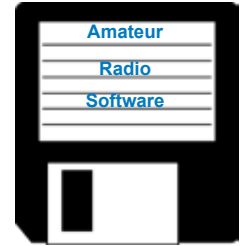
Todd, KC4TVZ #60783 sent in a note about several ham related programs which he uses at his QTH: Log4OM by IW3HMH, PSKExpress and TenXLogger by N7YG.

Log4OM

One of Todd's favorite features of Log4OM is the program's interaction with online logging services such as LoTW, eQSL, and others. Todd sent this with his recommendation of Log4OM, "*What impresses me the most about Log4OM is it will automatically upload to eQSL dot cc, HRDlog dot net, and ClubLog dot org, instantaneously when the QSO entry is entered. Then with just a few mouse clicks, Log4OM will upload to ARRL LoTW.*"
http://www.pisto.it/wordpress/

PSKExpress

Download link: http://n7yg.com/pskexpress/pskexpress.html

From the web site:
This software, unlike YGPSK is multi-mode and will allow you to use PSK, RTTY or MFSK at various speeds. The basic look and feel is similar to YGPSK so if you are experienced with YGPSK, this should be a snap. The README file is a PDF file and can be accessed from the Help menu at any time.

The logging function is also different from YGPSK. I am using a free version of SQL Lite, a really neat and powerfully database that does not require you to install a database server such as MySQl or SQL Server. I've also included the SQLite administrator software in case you want to tinker with the databases that are created.

TenXLogger

Download link: http://n7yg.com/tenxlogger/tenxlogger.htm

From the web site:

TenxLogger is a special purpose logging system designed specifically for the Ten-Ten International QSO parties that are held throughout the year. It is a small, lightweight and simple program that will log contacts, check for duplicate contacts based on the QSO party rules, automatically calculate points and score, and process a log for submission to the QSO party manager, and process a log for submission to the QSO party manager in addition to a dupe sheet.

Additionally, it will export an ADIF formatted file for importation into the users standard logging system, send a submission to eQSL or LOTW (Logbook of the World), and lookup a call sign using the Hamcall Remote server, FCCLookup, QRZ XML service, QRZ CD or the Buckmaster CD.

From Al, N1API #25468:

MARAC Logger - On the Desktop and Laptop. It is my County Hunters Logging program and distributed by MARAC, (Mobile Amateur Radio Awards Club). Link to MARAC and information at http://marac.org/logger.htm

RXCLUSTER - Is installed on all the computers but run mostly on the radio computer real time to monitor DX Spots. Link http://www.hb9bza.net . It will do telnet and conventional packet radio if you still have a radio link cluster in your area.

I have a desktop gadget on my main desktop which gives me real time solar data from N0NH. It is available at: http://www.hamqsl.com/solar.html

On the Radio computer is my logging program for any contest other than a 10-10 Contest. I use **N1MM** which is well supported and one of the most popular. Here is the web site for that: http://n1mm.hamdocs.com/tiki-index.php?page=HomePage

For Digital I am using I have been playing with a number of programs but have settled on three as each serves it's own purpose. For 10-10 PSK I am using DigiPan, I have not checked updates in quite a while and probably should . For contest and DXing RTTY I am using MMTTY.

MMTTY http://hamsoft.ca/pages/mmtty.php
DIGIPan http://www.softpedia.com/get/Others/Miscellaneous/DigiPan.shtml
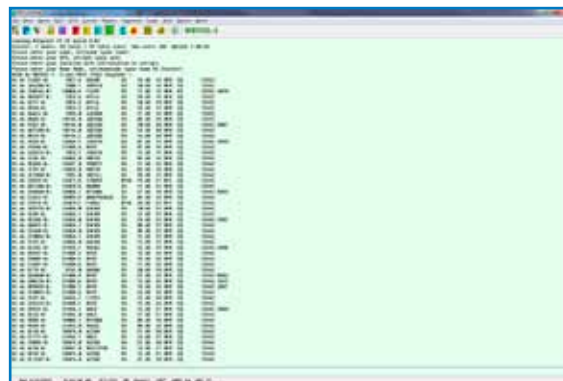
Floyd, KK3Q #26039:

Here are a couple of utilities that I make use of, one more than the other but they could prove to be useful for others as well. The first is a weather related utility from amateur radio software author Scott Davis, N3FJP of "Amateur Contact Log" fame. The second is a nifty utility called Great Circle Maps by Roger, SM3GSR.

WXWARN

WXWarn is easy to use free weather software that will monitor National Weather Service warnings, watches, forecasts, etc., and alert you (audio and visually) as new ones are issued. Monitor the whole US, just your state, county or county list. You can also monitor and screen for specific alerts. Living in Florida here means we have our weather concerns and this utility allows me to maintain a watchful eye in case I need to fold my Zero Five vertical down onto the ground.

WXWarn will also display up to 12, real time weather graphics that you can configure for content and size! This software is designed to download and parse weather data published by the NWS. The program is free for non-commercial use and the download link is here: http://www.wxspots.com/wxwarn.htm

Great Circle Maps

The title itself is self-explanatory for this free program by Roger, SM3GSR. This isn't just another program that creates a world map based on your QTH. In the Telnet window you get the predicted SNR from spotter to the DX station as well as from your location to the DX. On the maps borders, coastlines, rivers, lakes can be added, text and lines can be partly transparent and in the color of your choice. The program saves its different settings in the configuration dialog and it allows you to plot squares from any text file with locators in it (like adif files). Download link: http://www.qsl.net/sm3gsj/download.htm
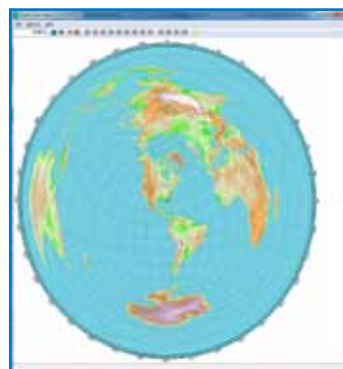
TEN-TEN AWARDS

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

10-10 HONOR ROLL

No.	CONTACTS	CALL	10-10
1	24600	WA5JDU	3017
2	11700	K0PV	9902
2	11600	K5GAY	11825
3	10800	NS4M	41176
4	10200	N1API	25468
5	10100	N5XZ	4530
6	10000	K6PZE	1341
7	9900	DL8YBM	36109
8	9800	N5DAS	35877
9	8800	AC6FU	10937
10	8400	KF7PU	30021

TOP TEN CLUBS

No.	CONTACTS	CALL	10-10
1	10000	WD0SFT	37933
2	4400	K6MQ	71487
3	1500	W8PGW	74726
4	1300	W1NRG	29650
5	1100	NM5MD	72385
6	1100	W4MNM	74540

VP Bars

100 Bar
No.	Call	10-10
561	KD5EDL	71883

700 Bar
No.	Call	10-10
46	N0TW	36547

COUNTRY AWARDS

Basic Award
No.	Call	10-10
631	KD5EDL	71833

35 Countries
No.	Call	10-10
368	KD5EDL	71833

45 Countries
No.	Call	10-10
263	KD5EDL	71833

100 Countries
No.	Call	10-10
50	WN4AMO	73825

105 Countries
No.	Call	10-10
43	WN9MFC	11370

110 Countries
No.	Call	10-10
39	WN9MFC	11370

115 Countries
No.	Call	10-10
31	N0TW	36547

WAS Award
No.	Call	10-10
2483	K3TC	33876

CW Award

25 CW Contacts
No.	Call	10-10
96	KD5DE	33513

THE BAND IS OPEN

DON'T JUST LISTEN

CALL CQ!

AWARD MANAGERS

TEN - TEN NET GUIDE
As Of September 6, 2012

DAY	ZSUM	ZWIN	CHAPTER	QTH	FREQ
SUN	0001	0100	Margarita and Martini	Lilburn, GA	28330
SUN	0300	0400	Chief Seattle	Seattle, WA	28630
SUN	1300	1400	Arlington	Arlington, VA	29200
SUN	1430		Cincinnati Area Ten Tuners	Milan, IN	28960
SUN	1400	1500	Neanderthal Chapter	Leichlingen, DL	28355
SUN	1630	1730	Possum Trot	Raeford, NC	28345
SUN	1700	1800	Major League Baseball	La Mirada, CA	28380
SUN	1800	1900	Portland 500	Portland, OR	28350
SUN	1900	2000	Oregon Trail	Dallas, OR	28803
SUN	1930		North Georgia	Atlanta, GA	28610
SUN	1930	2030	Steel City	Eubanks, KY	28420
SUN	2030		Santa Fe Trail/ Springbok	Galesburg, IL	28380
SUN	2100	2200	Possum Trot	Raeford, NC	28150 CW
MON	0001	0100	Chesapeake Bay	Chestertown, MD	28435
MON	0030	0130	Minuteman	Saugus, MA	28150 CW
MON	0100		Arizona Desert 10-10 Net	Phoenix, AZ	28445
MON	0100	0200	Milwaukee	Milwaukee, WI	28365
MON	0100	0200	Lonestar	Arlington, TX	28460
MON	0130	0230	Bauxite	Benton, AR	28470
MON	0300	0400	Chief Seattle	Seattle, WA	28630
MON	2030		Space Coast	Elmendorf, TX	28355
M/T	2330	0130	SkyBlWtrs/TinLzze/ TwinCts	Inver Grove Heights,MN	28380
TUE	0001	0100	Ft McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370
TUE	0100	0200	CO Centennial/CO Frontier Gang	Lakewood, CO	28340
TUE	0100	0200	City of Lights	St Charles, IL	28150 CW
TUE	0130	0230	City of Lights	St Charles, IL	28720
TUE	0130	0230	Bauxite	Benton, AR	28470
TUE	0130	0230	OK Route 66 Chapter	Oklahoma City, OK	28390
TUE	0230	0330	City of Roses/Portland Bridges	Ridgefield, WA	28450
TUE	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0300	0400	Bay Area	Hayward, CA	28475
TUE	0430		Aloha	Hilo, HI	28490
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835
TUE	1800		Electric City	Melbourne, FL	28425
*TUE	2000		Branding Iron	Kemper, TX	28325
TUE	2300	2359	Cypress	Orlando, FL	28465
TUE	2300	2359	Fort McHenry	Arbutus, MD	28370
T/W	2330	0030	Republic of Texas	Euless, TX	28460
T/W	2330	0030	Minuteman/Old Ironsides	Saugus, MA	28409
WED	0000	0100	Castle Craig/Castle Craig Plus	Meriden, CT	28375
WED	0030		Kansas Trails	Grove City, MN	28385

DAY	ZSUM	ZWIN	CHAPTER	QTH	FREQ
WED	0100		Cincinnati Area Ten Tuners	Milan, IN	28800
WED	0100	0200	Houston SHOT	Houston, TX	28488
WED	0300	0400	Chief Seattle	Seattle, WA	28630
WED	1700		Gold City	Rutherfordton, NC	28425
WED	1700	1800	Channel Islands	Oxnard, CA	28340
WED	1700	1800	Outlaws on Ten	San Antonio, TX	28644
WED	2200	2300	Route-66	Boonville, IN	28370
W/T	2359	0059	Battle Road	Mason, NH	28390
THU	0001	0100	Egyptian Radio Club	Granite City, IL	28420
THU	0001		Cradle of the Confederacy	Pike Road, AL	28350
THU	0100	0200	Channel Islands	Oxnard, CA	28340
THU	0100	0200	Gateway	St Louis, MO	28650
THU	0100	0200	Milwaukee	Milwaukee, WI	28365
THU	0230	0330	Windfarms	Livermore, CA	28485
THU	0300	0400	Chief Seattle	Seattle, WA	28630
THU	2000		Branding Iron	Kemper, TX	28345
FRI	0001	0100	Crazy Eights	McKeesport, PA	28388.88
FRI	0001	0100	Ft McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370
FRI	0100	0200	Pikes Peak Ten Ten	Colorado Springs, CO	28390
FRI	0300	0400	Chief Seattle	Seattle, WA	28430
*FRI	0310	0310	Kentucky Cardinals	Russellville, KY	28600
FRI	1400		New Waterkant	Boerm, DL	28355
FRI	2230	2130	Down Under	Auckland, ZL	28530
SAT	0001	0100	MAINE-iacs	North Haven, ME	28777
SAT	0300	0400	Chief Seattle	Seattle, WA	28630
SAT	1330	1430	Springbok	Abingdon, VA	28385
SAT	1430	1530	Steamboat Plus	Shreveport, LA	28430
SAT	1500	1600	Republic of Texas	Euless, TX	28460
SAT	1510	1610	Louisiana Pelican 10-10 Net	Baker, LA	28450
SAT	1630	1730	Boomtown	Burkburnett, TX	28402
SAT	1700	1800	Lilac City	Spokane, WA	28395
SAT	1730	1830	Tango	Buenos Aires, LU	28650
SAT	1800		Keystone/Keystone Stars	Brea, CA	28765
SAT	1900		Peshtigo Fire	Wisconsin Rapids, WI	28370
SAT	2000		Restoration Project	Port Alberni, BC	28747
SAT	2200		Alii	Lihue, HI	28730

* Means new or changed

All changes to the above times and/or frequencies should be referred to the Chapter Coordinator if
you desire accuracy of your net. Chapter Coordinator: K5FBS, Clifford A Taylor, 179 Mystic Lane, London, KY 40744.   Email: k5fbs@yahoo.com or clifford.taylor@gmail.com.

10 METERS - USE IT OR LOSE IT

I wondered the other day how many folks realize why 10-10 exists. Is it to provide a place for chapters to call home? For people to chase wallpaper or awards? Swap 10-10 numbers? Work QSO Parties? How about *none of the above*? I'll bet a lot of members don't realize the 10-10 International Net was created to prevent what happened when the FCC took away 11 meters away from amateur radio because it wasn't being used enough.

In case you've never read them the 10-10 bylaws clearly lays out the 10-10 mission statement for us:
ARTICLE II – MISSION STATEMENT

Ten-Ten International Net, Inc. is an organization dedicated to assisting, encouraging, and promoting amateur radio activity on the 10 Meter amateur band, using all lawful modes of operation and embracing new technologies. Our aim is to assist in the growth of amateur radio around the world, to mentor new members, and enhance fellowship among radio amateurs.

Notice how the mission statement never mentions exchanging membership numbers? Nothing about participating in 10-10 QSO Parties. Nothing about joining and supporting 10-10 chapters. In one short statement the organization states our goals:

"dedicated to assisting, encouraging, and promoting amateur radio activity on the 10 Meter amateur band"

So what's with the "*Use It Or Lose It*" title to this article? Do you honestly think the band is safe from encroachment? It is if you're parked in the 28400 to 28500 window, but what about the other sections of the band? What about the low end where CW ops hang out? 28500 and up are available but vastly underused because everyone seems to prefer 28400. We really do have a huge chunk of the band available to us but the vast majority of 10-10 members seem to stay between 28300 to 28500. Unless they check into the daily net on 28800 but otherwise they tend to congregate below 28500.

FREEBANDERS

Many, if not most, of us have encountered encroachment by freebanders on several sections of the 10 meter band. These folks who are venturing onto 10 meters aren't all a bunch of good old boys with a "kicker" in their pickup truck. A lot of these folks are as serious about CBs as we are about our hobby. The cb'er some three blocks away from me is running an 8 element beam on what looks to be at least a 40 foot boom up 60 feet. Of course he is running an amp because he has blanked out the Cypress Chapter net on 28465 from his favorite operating spot of 26800 AM.

Here's a website that has more than just a few references to freebanders, "*shooting skip*" on 28Mhz and other remarks about using ham gear on CB radio: http://bit.ly/12PPqtG. Sad to say that some of the posters on that forum claim to be amateur radio operators but they never use use their call signs. A great many of us currently licensed weren't around when the FCC reassigned the 11 meter band from being an amateur radio and to the new "Citizens' Band". The Citizens' Band was "*channelized*" when it was assigned to Class D Citizens' Band radio. Why? Because hardly anyone was using the 11 meter band is why. All that room there and someone took notice of it and the rest as they say is history.

You know, 11 meters isn't the only band that freebanders use. Actually one of the most common HF freebands is on the 45 meter band using the frequency of 6.670 MHz LSB. Granted this is found mostly outside of North America but freebanding is freeebanding no matter the location of the station. Are there other freebanding frequencies in use which might encroach on amateur bands? Absolutely! There are and here they are (again mostly outside North America): 85 meter band: 3.450 – 3.495 MHz LSB. (calling channel is 3.475 LSB), 45 meter band: 6.600 – 6.700 MHz LSB. (calling frequency of 6.670 LSB), 22 meter band: Channels such as 12.105, 12.130, 12.160, and up to 12.256 MHz., 21 meter band: 13.630 – 13.995 MHz (calling frequency is 13.995 MHz USB).

There is also freebanding on what are called the *non-government frequencies* used by freebanders which are considered as "*safe*" areas. Coincidentally these "*safe*" areas are all around the 12, 11, and 10 meter bands: 25.010 – 25.070 MHz, 25.210 – 25.330 MHz, 26.175 – 26.480 MHz, 26.950 – 26.960 MHz, 27.410 – 27.540 MHz, 29.700 – 29.890 MHz, 29.910 – 30.000 MHz. In addition the previous frequencies, there exists comments online about freebanders operating USB on 17 meters around 18.030 MHz.

FREEBANDING ON VHF/UHF

The HF bands aren't the only places where freebanding takes place. We've all read about truckers, fishermen (fisher*persons*?), and even cab drivers using 2 meters. How about the 440MHz range? Here's an article on a racing web site that use VHF/UHF (mostly UHF) rigs on their racing machines to keep track of each other. Their justification for using these frequencies was that none of the rigs could reach any of the repeaters from the remote area where they were racing off road. Another justification for running unlicensed was because some of the area where the racing takes place is actually in Mexico and yet the racers are American. So I guess in their eyes it is okay to run unlicensed as long as they are away from repeaters and out of the jurisdiction of the FCC. (Link: http://bit.ly/10tIYHd)

This last item about freebanding, racing and amateur radio frequencies took place back in 2008 when a motorsports park requested the temporary use of several frequencies around 448 MHz. Their justification was that the frequencies would be used for *emergency, security, and maintenance* purposes. Never mind the possible interference that might have taken place had the FCC granted their request.

BACK TO USE IT OR LOSE IT

So what again does this have to do with 10-10 International and amateur radio? We lost the 11 meter band in 1958 and now folks look upon freebanding as if it's okay because everyone is doing it. Remember the 10-10 statement:

"dedicated to assisting, encouraging, and promoting amateur radio activity on the 10 Meter amateur band"

So those glued to one particular spot of the 10 meter band might try another part of the band to help 10-10 International fulfill our mission statement by using the *entire 10 meter band*. Ever wonder how the amateur community lost 11 meters? Most likely the FCC used something like *band loading assessments* where they study the band or frequency range in question to see how much it's getting used. Scan across 10 meters sometime to see how much it is being utilized.

Why do some folks like to experiment with other modes when SSB is so much faster to operate? On SSB you only need a mike and your voice while all the other modes need some sort of extra radio gear of some sort. A keyer, computer interface, etc.

The orphan modes on 10 meters are more effective and more efficient than SSB even if they are somewhat slower. What good does it do to sit and monitor the phone sections of 10 meters listening to noise when you could be working others on one of the digital modes? I made a big mistake during the last 10-10 Digital QSO Party when I suggested using JT65 to make contacts, a mistake I'll not make again. When I checked the PSK section of the band and found it dead I switched to JT65 and started making contacts. True, the mode is slow and difficult to work a legal 10-10 exchange but when faced with the prospect of *no contacts* it seemed to be something worth trying. Only two 10-10 members tried the mode, one was not a complete (legal) contact while the other one was.

Why was it a mistake to suggest JT65 for use during the Digital QSO Party? It was the remarks that began showing up after my first email to the list. One station wanted the folks working each other on JT65 to *switch* to PSK or RTTY despite the fact that those modes were unusable at the time. One poster stated the mode (actually the digital modes themselves) are a waste of time and spectrum. Yet another operator is waiting on digital modes to be included into a proprietary software package before they'll even consider using digital modes. Another suggested digital modes are "for no-code hams". These are just the kind of comments that keep people away from 10-10 International instead of drawing them into the organization.

Maybe JT65 or JT9 isn't for you because it's so slow (and quite robust), but it does make use of the 10 meter band. Maybe CW isn't for you because your code skills aren't the greatest (I have yet to meet a CW op who would not QRS), but it does make use of the 10 meter band. PSK may be too slow for you (even though PSK125 is quite brisk), but it does make use of the 10 meter band. RTTY or any number of other modes may not be what you enjoy but they give our members a chance to use other parts of the 10 meter band. There's certainly nothing wrong with SSB contacts as long as one doesn't stay glued to one particular section of the phone portion of 10 meters. If the goal of 10-10 International is to utilize the 10 meter band to its fullest then it's up to the membership to make sure to use as much of 10 meters as we can. Allowing freebanders an opportunity to find wide open stretches of frequencies on 10 meters is something we should all strive to prevent. This is true even if it means learning to use an new mode to do so.

Floyd, KK3Q

Puppy Installation

by David Freese, Jr., W1HKJ

Create your own digipup.

Please follow these instructions to create your own Puppy with the W1HKJ ham software suite:

> Download the latest Puppy iso image from Puppy Linux (http://www.puppylinux.org).
> Burn your CD using the instructions given on the puppy site.
> Reboot the computer from the Live Puppy CD

Install the following "pet's" - if you are running Puppy you can simply click on the link and the "petget" program will install the program and all supporting files:

1. Required libraries pet: http://www.w1hkj.com/downloads/fldigi/fl_libs.pet
2. fldigi pet: http://www.w1hkj.com/downloads/fldigi/fldigi-3.21.pet
3. flarq pet: http://www.w1hkj.com/downloads/fldigi/flarq-4.3.pet
4. flrig pet: http://www.w1hkj.com/downloads/flrig/flrig.pet
5. flmsg pet: http://www.w1hkj.com/downloads/flmsg/flmsg.pet
6. flwrap pet: http://www.w1hkj.com/downloads/flwrap/flwrap.pet
7. fllog pet: http://www.w1hkj.com/downloads/fllog/fllog.pet
8. flwkey pet: http://www.w1hkj.com/downloads/flwkey/flwkey.pet

The pet installer will add each executable to the menu system. You will find the entries on the "Network" or "Internet" menu heirarchy, depending on Puppy version you are using.

Open the Rox viewer in the Home directory (the home icon on the desktop). Click on "my-applications" and then "bin". You should find the new executable items in this directory, /root/my-applications/bin. You can assign a nice 48x48 png image to each of the executables.

> open a 2nd instance of the Rox filer (click on the Home icon)
> in the 2nd Rox filer change directory to /usr/share/midi-icons
> . . . . this is the default directory that petget places the 48x48 images
> right click on one of the executables, fldigi for example
> select Set Icon... from the popup menu
> drag the icon, fldigi48.png from the /usr/share/midi-icons directory and drop it on the Set icon dialog box where indicated
> repeat for the other programs.

The executable files in the ~/my-applications/bin directory should now be shown with the icon images that you selected.

If you want to create a desktop item for each of these you can do so with a very simple step
> Drag the executable from the ~/my-applications/bin directory and drop it on the desktop. That creates a link complete with a nice icon image on the desktop that allows you to single click on it to execute the program.

XML files for fldigi rigCAT
Open the ~/my-applications directory in your Rox filer. Then click on the directory xmls (that was added when petget installed fldigi). Click on xmlarchives.html; SeaMonkey should open with the html file in view. Read and follow the instructions contained therein.

Hamlib shared libraries
Open the ~/my-applications directory in your Rox filer. Then click on the directory lib which was also added when petget installed fldigi. You should see 24 files that comprise the complete hamlib shared lib system. Do not remove or move any of these files unless you are uninstalling fldigi. You need them to be present even if you do not use the hamlib interface to your transceiver. You can see which shared libraries that fldigi depends on by opening a terminal window and cd'ing to ~/my-applications/bin. Then execute "ldd fldigi" and you will see that the petget system has placed the hamlib*so files in a location that is in the search path for shared libs.

Final Installation
When everything is working as you expect you can either save your changes to a file, back to the CD, or you might want to remaster the ISO image. All of these are available either from the Puppy Menu system or when you exit Puppy.

Information provided by David Freese, Jr., W1HKJ, materials used with permission. For updates please see this URL: http://www.w1hkj.com/flpuppy.html.

10-10 Visits HamCom

Mel, KD5DE manning the 10-10 booth at HamCom

Ray-WD8JKV - Mike- N5MT

   Find HamCom on Facebook:
https://www.facebook.com/HamComTexas

In many issues of this newsletter you find pictures such as the ones posted above of 10-10's presence at the larger hamfests such as Dayton Hamfest, Orlando Hamcation, and HamCon. You may not realize it but the smaller hamfests also present opportunities to advertise 10-10 International Net. The problem with these smaller, but just as important, hamfest is that there isn't enough 10-10 leadership to attend each and every one. This is where *you* come in! Have you ever considered sponsoring a table at your local or regional ham radio event?

You needn't worry about having "experience" because all you do is talk to people who stop by and you probably know many of them anyway. Locals are more apt to stop at a booth when they recognize the folks sitting at the booth. That doesn't mean they won't stop when someone from the 10-10 leadership team attends the hamfest but is does help for local amateurs to be manning the booth for 10-10. It needn't be an all day thing for you. If you get three or four folks to volunteer it makes it easier and friendlier for you and those visiting.

Contact Paul, WN4AAMO about this opportunity:
Paul Hemby, WN4AMO #73825 phemby@hotmail.com

QSL Bureau News

Are you wondering if you have QSLs and/or envelopes at the QSL Bureau?

On the 10-10 Webpage is a tab for "Resources". Under that is a tab for "QSL Bureau". On the QSL Bureau page is a box that if you type in your callsign, it will tell you the number of cards and envelopes that are at the bureau.

http://www.ten-ten.org/qslbureau.php

With poor band conditions the past few years, QSL activity has been slim. With the current band improvements, I expect activity to pick up. With this improved activity, I recommend that you get 1 or 2 envelopes on file at the bureau.

Before sending QSLs to the bureau, it is a good idea to check to see if those hams have envelopes at the bureau. You can do this by using the box mentioned earlier in this article. If you send QSLs to hams without envelopes at the bureau, your QSLs will just sit at the bureau.

It should be noted that you do <u>not</u> have to be a current paid 10-10 member to use the QSL Bureau.

You can make QSOs on <u>any</u> band with other 10-10 members and use the bureau for your QSLs.

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

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

Terry Webb
1103 Fulford Road
Monticello, FL 32344-4352

NET CONTROL STATIONS NEEDED

Needed Net Control Station for the 28.380 and 28.800 Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via email: n6opr@msn.com.

W6OI #109 ON THE AIR

The 10-10 Club Station, W6OI, is available to any current (dues paid) member or chapter for use as a special event station such as Field Day, Chapter gatherings, and radio conventions. QSL cards are available for special events. Send a written application and copy of your amateur license to include dates and purpose of operation to:

Jerry Kopstein N9AC
W6OI LICENSE TRUSTEE
8041 W LAKESHORE DRIVE
BURLINGTON, WI 53105

W6OI was on the air for the Spring Digital QSO party on April 27-28, the Spring CW Party on May 4-5, and the Open Season Party on June 1-2. A number of contacts were made in each event as the sporadic band openings came and went! True results were had by listening and calling more often, than just turning rig on and listening. You are always amazed at that call back after a number of CQs! W6OI even tried to make contacts in the Feld Hell club event held on June 15th. Unfortunately the band was not good here in Wisconsin that day. A number of 10-10 events are still around the corner this year. Listen for W6OI! Please send SASE when requesting a QSL to

LOUISE CHAPMAN, N6ELK
3210 CLARK AVE.
LONG BEACH CA 90808

Paperchasers working W6OI can request the list from N9AC. W6OI has FISTS, SKCC, 070 and GERATOL numbers. Contact Brad, K0DBK to arrange a schedule to obtain the FISTS and SKCC numbers. Contact N9AC to obtain the GERATOL and 070 numbers.

THE BAND IS OPEN

DON'T JUST LISTEN CALL CQ!

W6OI - VE9TEN - DL0X
SPECIAL EVENT

The W6OI Special Event this year will be on November 23-24. Anyone wanting to volunteer to operate W6OI during this special event please contact Jerry, N9AC. Everyone welcome.

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.

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

Paper chasers working W6OI can request list from Jerry, N9AC. It is available in ML format along with plain text.

Jerry Kopstein, N9AC
Trustee W6OI

10-10 SCHOLARSHIP FOUNDATION SUPPORTERS

We encourage all of our members to support the 10-10 International Net Scholarship Foundation. Our goal for the fiscal year 2013-2014 is to fund four $1500 scholarships entirely through member donations outside the dues structure. We achieved our goal for 2012-2013. The Foundation was created in 2001 and is a qualified 501(c)(3) tax exempt organization and contributions are tax deductible. If you have an employer matching program, please let us know. This quarter an employer match was received for Charles Thompson, KE6DRN, #68855. Why not consider a donation as a Chapter or an individual in memory of a fellow ham or loved one? If you haven't donated before, we want you to know that all donations, no matter how small, are appreciated and they do add up. At the time you make a donation to your favorite charity, why not write out a check to the 10-10 Scholarship Foundation

If you make a donation of $15 or more you will receive the 10-10 50 year anniversary pin. For a donation of $25 or more we will also send you one of the 10-10 historical pins. You can use the link on our website or send your check to me or the Data Manager.

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

10-10 Scholarship Applicant Information

Each year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, funds four $1500 scholarships, which are administered on our behalf by the Foundation for Amateur Radio (FAR). It is suggested that every 10-10 member encourage qualified college-bound amateur radio operators to take advantage of this opportunity.

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

10-10 Scholarship Foundation Supporters

Platinum ($1000 or more)		
NONE		

Gold ($500 to $999)		
KE6DRN*	Charles Thompson	68855

Silver ($100 to $499)		
NONE		

Bronze (Up to $99)		
W6QQ	Wesley Weathers	4810
W4YE	Leland Smith, Jr.	8193
K3HS	Harry Schools	24553
AE1T	Peter Drexel	43035
KA8JJN	Allan Koch	44064
N5AN	Paul Azar, Jr.	49322
KB6JES	Alan Dietrich	53773
WA4SEB	Marin Stocky	62660
AD6AA	Michael Germino	68773
W4EAF	Joseph Adams	71972
WA5AAO	Darryl Dippel	74184
N4HRC	Daniel Coman	74473
WB4KKV	John Sheats	75018
KB1YAP	Arthur Wilcox, Jr.	76761

* Employer match received

You too can become a 10-10 Scholarship Foundation Supporter, by making your check payable to the 10-10 Scholarship Foundation. Please send to:

    10-10 International Net Scholarship Manager
    Larry Berger WA2SUH
    9 Nancy Boulevard
    Merrick, NY 11566-3119

See the form at the back of this issue if you want to pay by credit card.

Blasts From The Past

OUR POLICY

"WE STRIVE TOWARD OUR PURPOSE"

OUR PURPOSE

1. To Activate and maintain the ten-meter band.

2. To encourage and cultivate inter-communication among members.

3. To at all times be ready and willing to expedite traffic, especially, in times of emergency.

4. To feed and nourish the 10-10 International Net Inc., especially, in times of minimum propagation characteristics. In these adverse periods, local ground-wave activity is greatly needed for the continuity of this organization.

(1971) The "purpose" of the 10-10 International Net

Charles Atwater, W2JN, who recently joined OOTC, has, like many other members a very interesting past when it comes to Amateur Radio. Charlie was the first American station to hold a transatlantic two way contact on 10 meters. The date was Jan. 1, 1928. Reference to this feat is in the May QST 1930 and a complete description of 2JN is in QST of June, 1980.
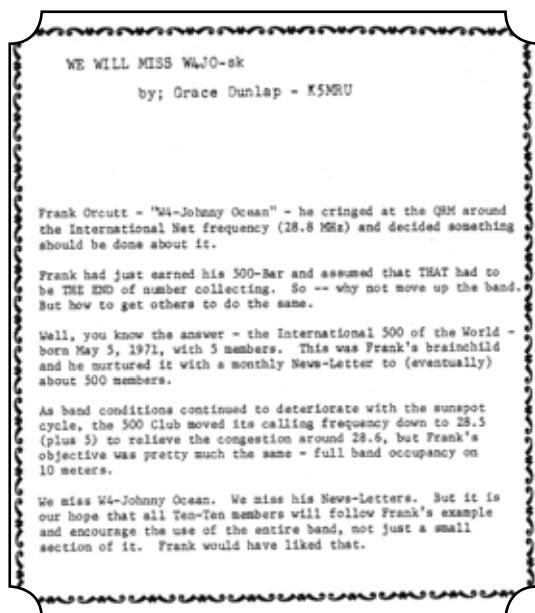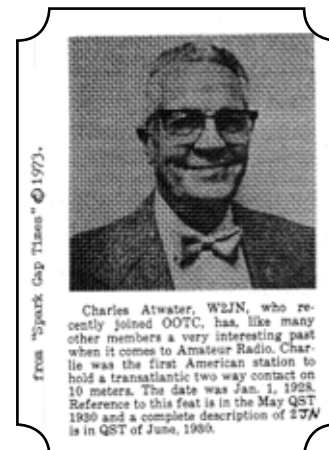
(1978) First 10 meter transatlantic two-way contact.

WE WILL MISS W4JO-sk

by; Grace Dunlap - K5MRU

Frank Orcutt - "W4-Johnny Ocean" - he cringed at the QRM around the International Net frequency (28.8 MHz) and decided something should be done about it.

Frank had just earned his 500-Bar and assumed that THAT had to be THE END of number collecting. So -- why not move up the band. But how to get others to do the same.

Well, you know the answer - the International 500 of the World - born May 5, 1971, with 5 members. This was Frank's brainchild and he nurtured it with a monthly News-Letter to (eventually) about 500 members.

As band conditions continued to deteriorate with the sunspot cycle, the 500 Club moved its calling frequency down to 28.5 (plus 5) to relieve the congestion around 28.6, but Frank's objective was pretty much the same - full band occupancy on 10 meters.

We miss W4-Johnny Ocean. We miss his News-Letters. But it is our hope that all Ten-Ten members will follow Frank's example and encourage the use of the entire band, not just a small section of it. Frank would have liked that.

(1979) "W4-Johnny Ocean

Fall **10-10 INTERNATIONAL NEWS**

TEN-TEN INTERNATIONAL NET, INC.

Vol 18 No 4
Fall 1980

BOBBIE WB7NUU

Official Publication Of The Ten-Ten International Net, Inc.

(1980) If you weren't able to work this lady on the air then you surely missed a treat.

10-10 Word Search

```
F   S   W                                    G   C   Q
B E F H Y                                    C A U D J
O A V U A                                    N Q I I I
C A J I S                                    K P L G B
Z C I W Q                                    X M X H R
T M O F Q                                    O I E T M
S M Y O F                                    L Z L I D
J G T O I                                    I L Y B M
W N G J W   P   J   A   O   K   W   T   L E V U H
W H C Y B J V C S W 4 G A 1 O U G Z Z H F M I O W
E Q Y N G X A X V H Q L I M D K P K I W Z X O M H
S L 4 T R H Q R N 6 O E N A B N P N H L B 4 G Y T
Z F 8 P D V V T M S Q 6 R J R 4 Q U 3 J Y H V S A
C P 7 B 2 H W Z I L R T O D Q C G T W Y K O J C N
M H 1 1 6 R T F Z D H M F K M 5 E H N Z Z A I 0 5
L Y 5 1 0 1 4 V K Z R U I S Y M E L H H 4 K K P M
U W W M 3 3 6 I E Z P 6 L V 9 O M V T U R D D U T
C F K J 9 L 0 Z O V O 5 A K S D C K T S B F 5 K B
R R K K K R 7 R K I 6 9 C N 0 T W N B 2 A T D A X
B N W O Y Z 8 E H E N U 7 A I N F T 7 A I C E X U
G Z D E G B 3 Y Z O C Y X L 9 O J I L W Q L D D M
N J J H X V E T K O G R A V H N I L R P K 5 C C A
X N O O V P U B I Q T P X R T R S U R N Q Y P T C
S S E W J J J M T K L S Z N F H X K O L Q P W D Z
X U D N U A R T T V L B H C L T O M C V K A X G B
```

1. (_ _ _ _ _) Top of Honor Roll
2. (_ _ _ _ _) Editor
3. (_ _ _ _ _) Lucky 13 Award Manager
4. (_ _ _ _ _) Silent Keys
5. (_ _ _ _ _) Monday 28.380 N.C.
6. (_ _ _ _ _ _ _ _ _ _) Home of 10-10 Net
7. (_ _ _ _ _ _ _ _ _ _ _) Host For 2013 Convention
8. (_ _ _ _ _) Great Britain Awards
9. (_ _ _ _ _) Battle Road CM
10. (_ _ _ _) Past W6OI Trustee

11. (_ _ _ _ _) Chapter Coordinator
12. (_ _ _ _ _) Historian
13. (_ _ _ _ _) Digital Awards Manager
14. (_ _ _ _ _) General Counsel
15. (_ _ _ _ _) CW Award Manager
16. (_ _ _ _ _) Alternater Net Control
17. (_ _ _ _ _) New Mexico Mud Ducks CM
18. (_ _ _ _ _) Thursday 28.800 N.C.
19. (_ _ _ _ _) Treasurer
20. (_ _ _ _) QSO Party Manager
21. (_ _ _) El Presidente

22. (_ _ _ _ _) Certificate Manager
23. (_ _ _ _ _) QSL Bureau Manager
24. (_ _ _ _) DX Is!
25. (_ _ _ _ _) Net Manager
26. (_ _ _ _ _) Data Manager
27. (_ _ _ _ _) Mobile Award Manager
28. (_ _ _ _) Director (AZ)
29. (_ _ _ _) W6OI Trustee
30. (_ _ _ _ _) Secretary
31. (_ _ _ _) WAC Awards
32. (_ _ _ _ _ _) Vice President

33. (_ _ _ _ _ _) Top Club (Bar Award)
34. (_ _ _ _) Alii CM
35. (_ _ _ _ _) Fall CW Winner

Solve the puzzle at the 'castle' to see who's who in this edition of the 10-10 Word Search

Take note that some of the answers are numeric and not alphabetic!

PS Logs sent into the QSO Party manager late might not wind up in the NEWS until months after the QSO Party is over. Be considerate of the folks scoring and compiling the data by sending your logs in early. Postmarking your log in at the 11th hour on the last day is a great way for your log entry to be excluded from the next issue of the NEWS. It won't affect your score but it will affect inclusion in the most current issue of the 10-10 NEWS.

NET CONTROL STATIONS NEEDED

Needed Net Control Station for the 28.380 and 28.800 Nets at 18:00 UTC Monday-Saturday. If interested contact N6OPR via email: n6opr@msn.com.

2013 SPRING DIGITAL PARTY QSO PARTY

TOP TEN

	CALL	10-10#	CTX W	CTX WO	TOTAL
1	AJ7G	76022	18	126	162
2	KC4TVZ	60783	16	76	108
3	ZL3KR	6251	29	14	72
4	WA2HMM	40510	13	45	71
5	N5MT	24949	15	34	64
6	W5GVP	11572	12	24	48
6	KE6OIO	68997	18	12	48
7	N6OPR	45715	16	12	44
8	LU1BJW	39329	15	12	42
9	ZL1LE	23497	19	2	40
10	AK4YS	75328	11	14	36
10	W5TKZ	76490	5	26	36

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NM5H	68588	15	34	64	N5MT
PA6TEN	75925	2	9	13	PA2NJC

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
HOUSTON SHOT	3	164
NORTH GEORGIA	2	143
POSSUM TROT	5	92
LONESTAR	1	48
MLB	1	44
TANGO	1	42
DOWN UNDER	1	40
NEANDERTHAL	2	26
WINDFARMS	1	12

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
W6OI	109	1	2	4	N9AC

Editor's note:
In this edition of the NEWS you will notice a different format for the scoring of the Digital and CW QSO Parties. This is mainly due to the low turnout for these two QSO Parties. The additional columns marked as CTX W stands for *Contacts With a 10-10 number*. The columns marked as CTX WO naturally means *Contacts Without a 10-10 number*.

The Open Season logs are not in this issue since it took place on June1 which is the cutoff date for submissions to the NEWS. The QSO Party deadline date for logs is June 17th and then Dan, KZ3T waits at least 5 days or so for those logs sent via snail mail. Only then will the logs be processed. The results of Open Season will be posted in the Fall issue of the NEWS (sooner than that on the 10-10 web site).

CALL AREA 2	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	13	45	71
W2VTV	71275	1	8	10

CALL AREA 3	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	0	10	10

CALL AREA 4	10-10#	CTX W	CTX WO	TOTAL
AJ7G	76022	18	126	162
KC4TVZ	60783	16	76	108
AK4YS	75328	11	14	36
KD4BVG	64773	16	3	35
N4ERM	34524	5	9	19
KD4AMP	59739	8	2	18
KU4W	20986	7	3	17
KJ4RV	37776	6	0	12
N3GTY	50585	4	0	8
KA5VZG	46596	1	0	2

CALL AREA 5	10-10#	CTX W	CTX WO	TOTAL
N5MT	24949	15	34	64
W5GVP	11572	12	24	48
W5TKZ	76490	5	26	36
K5CC	50708	2	1	5

CALL AREA 6	10-10#	CTX W	CTX WO	TOTAL
KE6OIO	68997	18	12	48
N6OPR	45715	16	12	44
W3SE	53431	7	4	18
ND6S	50949	4	4	12

CALL AREA 7	10-10#	CTX W	CTX WO	TOTAL
KD7ZLF	75782	6	0	12
W7JSD	76248	0	1	1

CALL AREA 9	10-10#	CTX W	CTX WO	TOTAL
N9AC	61453	1	2	4

DX STATIONS

ARGENTINA	10-10#	CTX W	CTX WO	TOTAL
LU1BJW	39329	15	12	42

CANADA	10-10#	CTX W	CTX WO	TOTAL
VE2WTX	75296	4	6	14
VA7HZ	76473	2	0	4

NETHERLANDS	10-10#	CTX W	CTX WO	TOTAL
PA2NJC	30903	2	9	13

NEW ZEALAND	10-10#	CTX W	CTX WO	TOTAL
ZL3KR	6251	29	14	72
ZL1LE	23497	19	2	40

2012 SPRING CW QSO PARTY

TOP TEN

	CALL	10-10#	CTX W	CTX WO	TOTAL
1	ZL3TE	53431	94	53	241
2	N0TW	36547	89	41	219
3	KN4Y	17757	68	29	165
4	KJ4RV	37776	69	19	157
5	ZL3KR	6251	52	13	117
6	KC4TVZ	60783	40	17	97
7	N4ERM	34524	32	8	72
8	W4KRN	66628	30	6	66
9	K4YFH	26701	27	10	64
10	KD4BVG	64773	31	0	62

QRP	10-10#	CTX W	CTX WO	TOTAL
AA5XQ	60006	5	0	10
KK5NA	67039	2	0	4

DX ENTRIES

CANADA	10-10#	CTX W	CTX WO	TOTAL
VE5BCS	42027	2	0	4
GERMANY	10-10#	CTX W	CTX WO	TOTAL
DJ2YE	68904	0	2	2
NETHERLANDS	10-10#	CTX W	CTX WO	TOTAL
PA2NJC	30903	1	1	3
NEW ZEALAND	10-10#	CTX W	CTX WO	TOTAL
ZL3TE	53431	94	53	241
ZL3KR	6251	52	13	117

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NM5H	68588	11	4	26	N5MT
W1NRG	29650	12	0	24	N1API
N7YHC	74457	9	4	22	W7HO

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
POSSUM TROT	8	429
NORTH GEORGIA	2	159
HOUSTON SHOT	5	94
CASTLE CRAIG	2	50
OREGON TRAIL	2	44
DOWN UNDER	1	30
STEAMBOAT	1	22
REPUBLIC OF TEXAS	1	18
MLB	1	10
NEANDERTHAL	2	5
LONESTAR	1	4

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
W6OI	109	25	5	55	K5CC
LU1ICX	0	13	1	27	
WA3AAN	61973	1	0	2	

CALL AREA 0	10-10#	CTX W	CTX WO	TOTAL
K0KEX	6691	13	3	29
KI0J	75715	13	0	26
CALL AREA 1	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	12	2	26
CALL AREA 2	10-10#	CTX W	CTX WO	TOTAL
W2IUC	7860	8	0	16
WA2JSG	9712	5	0	10
CALL AREA 3	10-10#	CTX W	CTX WO	TOTAL
WA3GM	46927	12	28	52
WA3JXW	4377	3	0	6
CALL AREA 4	10-10#	CTX W	CTX WO	TOTAL
N0TW	36547	89	41	219
KN4Y	17757	68	29	165
KJ4RV	37776	69	19	157
KC4TVZ	60783	40	17	97
N4ERM	34524	32	8	72
W4KRN	66628	30	6	66
K4YFH	26701	27	10	64
KD4BVG	64773	31	0	62
KU4W	20986	21	5	47
KR4OE	62657	22	3	47
W1LIC	46677	16	6	38
AC4ZM	72780	12	6	30
AK4YS	75328	14	0	28
KA5VZG	46596	8	1	17
KC4JAN	56060	4	0	8
N3GTY	50585	3	0	6
KD4AMP	59739	1	0	2
CALL AREA 5	10-10#	CTX W	CTX WO	TOTAL
N5MT	24949	11	4	26
KD5DE	33513	11	0	22
K5CC	50708	11	0	22
NS5R	36388	9	0	18
K5HEM	76290	9	0	18
N5DTT	73679	8	0	16
AA5XQ	60006	5	0	10
WX5I	67839	4	0	8
KK5NA	67039	2	0	4
CALL AREA 6	10-10#	CTX W	CTX WO	TOTAL
NC6Q	75839	19	2	40
KE6OIO	68997	11	0	22
WB6OJB	70675	5	2	12
N6OPR	45715	5	0	10
CALL AREA 7	10-10#	CTX W	CTX WO	TOTAL
W7HO	10934	9	4	22
CALL AREA 9	10-10#	CTX W	CTX WO	TOTAL
N9AC	61453	25	5	55
N9AVY	43313	12	8	32
AI9IN	76189	1	0	2

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.

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.
Sprit of 76 - 7 day, 6 mode event centering around 4 July each year
0001 UTC Monday through 2359 UTC Sunday.
Summer Phone - held on the first full weekend in August.
0001 UTC Saturday through 2359 UTC Sunday.
Sprint - a 24 hour event held on October 10th (10-10).
0001 UTC through 2359 UTC.
Fall CW - held on the third full weekend in October.
0001 UTC Saturday through 2359 UTC Sunday.
Fall Digital - held on the second full weekend in November.
0001 UTC Saturday through 2359 UTC Sunday.

5.2.3   FREQUENCY AND MODES

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

5.2.4   ENTRY CLASSIFICATION

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

TEN-TEN QSO PARTY RULES

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. Please no .Q95 or .adif 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   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.

2013 Operating Events	
Event	**Dates**
Winter Phone	Feb. 2-3
Spring Digital	April 27-28
Spring CW	May 4-5
Open Season	June 1-2
Spirit Of 76	July 1-July 7
Event	Dates
Summer Phone	Aug. 3-4
Sprint	Oct. 10
Fall CW	Oct. 19-20
Fall Digital	Nov. 9-10
Anniversary (51)	Jan. 1 - Dec. 31
Meet The Volunteers	Jan. 1 - Dec. 31

YOU DON'T HAVE TO BE A BIG GUN TO CONTEST

MEMBERSHIP INFORMATION AND SERVICES

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, 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 online to the 10-10 web page, www.ten-ten.org and follow the links from 'membership' to 'application' and select membership category.

Primary Membership

Primary membership is available with yearly dues, although there is a special incentive available when you pay for three years at once.

Family Membership

Family membership consists of a primary member and one or more family members who qualify as a 10-10 member (has made the necessary 10 contacts) and who reside at the same location and postal address. Family memberships run concurrently with that of the primary member. Add $5.00 for each additional family member for each year. Only the primary member will receive a copy of the 10-10 News.

Life Membership

Life membership is available and may be paid in one lump sum or spread across two or three yeas. 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 online to the 10-10 web page www.ten-ten.org and follow the links from 'membership' to 'renewals' and select the membership category.

DATA MANAGER SERVICES

Call/Name/Address Changes

All changes are to be sent to the 10-10 Data Manager. Please include your address label (or a copy) with necessary corrections. This also can be accomplished at www.ten-ten.org using the membership/update link.

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

Mail to:

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

SCHOLARSHIP DONATIONS

Donations to the 10-10 Scholarship Foundation are encouraged by our members to help fund the four $1500 10-10 Scholarships. 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. 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

Your check should be made payable to the 10-10 Scholarship Foundation and sent to either the Data Manager or the Foundation Manager (addresses shown above).

SECTION 1 - MEMBERSHIP APPLICATION AND CONTACT LOG

NOTE: If this membership application is being used for renewal purposes, please enter your 10-10 number here _____

Please Print Your Name _____ Call _____

Address _____ Year of Birth _____

City _____ State or Country _____

Postal/Zip Code _____ +4 _____ E-mail Address _____

Can Correspondence with 10-10 International Net, Inc. be done via your email address YES _____ NO _____

NOTE: 10-10 NUMBER, CALL, NAME, ADDRESS, MEMBERSHIP STATUS AND E-MAIL ADDRESS IS MADE AVAILABLE TO ALL MEMBERS VIA A MEMBERSHIP ROSTER. ALL OTHER INFORMATION IS KEPT CONFIDENTIAL AND NOT DISCLOSED EXCEPT BY ORDER OF A LAWFUL COURT.

I certify that I meet the membership requirements of 10-10 _____

	10-10 NUMBER	CALL SIGN	OPERATOR'S NAME	DATE OF CONTACT	QTH (State, Province or DX Country)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

SECTION 2 - FEE SCHEDULE AND PAYMENT INFORMATION

(Check appropriate items)

Ten-Ten Fee Schedule (eff 4/1/12)	US Zip Codes	Canada/Mexico	All other DX	Electronic Delivery
Primary Member – New/Renewal Clubs – receiving Ten Ten News per Year	☐$15.00	☐$20.00	☐$30.00	☐$10.00
Primary Member – New/Renewal Clubs – receiving Ten Ten News 3 Year Incentive	☐$40.00	☐$55.00	☐$80.00	☐$25.00
Family Member -New/Renewal Clubs – Without Ten Ten News Per Year	☐$5.00	☐$5.00	☐$5.00	Not Available
Life Membership	☐$500.00	☐$700.00	☐$1,050.00	☐$360.00
Senior Life (65 years or older)	☐$150.00	☐$350.00	☐$525.00	☐$120.00
Scholarship Foundation Donation	$ _____	$ _____	$ _____	$ _____
Enter Total				

METHOD OF PAYMENT

Do not send cash. Make checks payable to 10-10 International Net, Inc. Please put your call and/or 10-10 number on the face of the check. For DX members all amounts Shown are in US Dollars. DX members may pay by International Money Order order substituting IRC's at the rate of 1IRC for each US dollar. Mail to:

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

For credit card payments, acceptable cards are AMEX, Discover, MasterCard and VISA. Please use the secure shopping cart at www.ten-ten.org. 10-10 is using Pay Pal to process credit card transaction, however, it is not necessary to have Pay Pal account to be able to use your credit card. For more detail refer to the 'Shopping Cart Help" on the 10-10 web's main page.
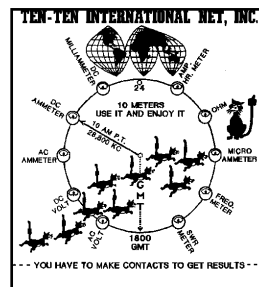
Electronic Version

The online version of the **Ten-Ten International NEWS** is available only to those who subscribe to it. By subscribing to the online version of the **NEWS** instead of the printed version you have helped the President and the Board of Directors in their efforts to keep the memberships dues at a reasonable price.

You will also notice the online version of the **NEWS** is not constrained by printing costs due to pages or the use of high resolution color images. This will allow us to produce a more polished looking newsletter for you which you can still print through the print function in your PDF reader software. One last little thing that we threw in the online version is that you no longer have to manually type the web addresses you see throughout the **NEWS**. Just click on the links in the articles and your PDF software should* take you right to that link. Use the Quick Response code to access the download page.

Feel free to submit articles and pictures of 10-10 members on vacation or chapter gatherings and anything involving your local chapter. Use the submission guidelines on page 2, please split up image collections into small groups and space them out when you email them so they don't fill the mail server too quickly.

* The live links work on Windows operating system, it has been reported that they may or may not work on Linux or Apple computers.

JULY
(Summer)

Electronic version of this issue of the NEWS at www.ten-ten.org/news - Logon: track - Password: sunspots (**CASE SENSITIVE**)

2013 10-10 QSO PARTY COVER SHEET

Event	Dates	Postmark	Event	Dates	Postmark
Winter Phone	Feb. 2-3	Feb. 18	Summer Phone	Aug. 3-4	Aug. 19
Spring Digital	April 27-28	May 13	Sprint	Oct. 10	Oct. 25
Spring CW	May 4-5	May 20	Fall CW	Oct. 19-20	Nov. 4
Open Season	June 1-2	June 17	Fall Digital	Nov. 9-10	Nov. 25
Spirit Of 76	July 1-July 7	July 22	Anniversary (51)	Jan. 1 - Dec. 31	Jan. 15
			Meet The Volunteers	Jan. 1 - Dec. 31	Jan. 15

Name _____ Call _____ 10-10# _____

Address _____

City _____ State/Province/Country _____ Zip _____

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

PLEASE LIST CONTEST EXCHANGE

Call _____ Name _____ 10-10# _____ QTH _____

ENTRY TYPE

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

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

Chapter Assignment
(Not valid for Sprint)

Claimed Score

Contacts WITH
10-10 Number: _____ x2= _____
Contacts WITHOUT
10-10 Number: _____ x1= _____
Total
Contacts: _____ Total Pts _____

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

Mail to Dan Morris, KZ3T, 3162 Covington Way, Lenoir NC 28645 , USA
E-mailed address Logs maybe E-mailed to tentencontest@ten-ten.org