

TEN-TEN INTERNATIONAL **NEWS**

Volume 53 Issue 2

April 2015 (Spring)



Member
AMATEUR RADIO
NEWS SERVICE

Are you ready
for

SPRING?



The Ten-Ten International News

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

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

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

DEADLINE FOR NEXT ISSUE: 1 June 2015

PLEASE MAIL ALL ARTICLES AND PHOTOS TO:

EDITOR Ten-Ten News

E-mail: editor@ten-ten.org

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

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

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

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From The Editor

Randy Mather, AJ7B
 (#7675)

I am writing this column just before sending this issue out for review. I have had to pretty much deplete the newsletter article bank to fill this issue. So, I am using this space today to make an appeal to all members for input for the newsletter. If you have a thought about something you would like to see in this newsletter, just send me an email (editor@Ten-Ten.org) and briefly tell me what you would like. If you have an article in mind, then send it too me even if it's not complete. A high level overview with some bullet points would do nicely. I will review your input and let you know if it seems like something that can be turned into a relevant 10-10 newsletter article. I can offer suggestions and help you write the finished article. Any subject is a possible article as long as it has some connection with the amateur radio hobby. Consider an experience you had on the air or just getting on the air. Maybe a project you built to enhance your station. How about an operating incident you encountered. Tools you use to operate or monitor your station operation can make a good article. These are just some general topic areas that you might explore. I look forward to receiving and reading your ideas.

I did receive some feedback on the new electronic format for this newsletter. It was all positive. I am happy that the change was beneficial to the membership. I hope to have more changes in the future. Right now, I am trying to help the reviewers make the review process easier.

The latest solar activity has curtailed my 10-10 net check-ins considerably. I can no longer hear anyone on either of the net frequencies. Sometimes I hear very faint voices but nothing that I can understand. But it does make me wonder if I could make contact with those faint stations if they were operating in one of the digital modes like PSK or RTTY. The digital modes can get through when phone or CW can't.

As a test, I will be making CQ calls to ten-ten members at 1900 UTC on 28.121 MHz using PSK-31. It will be interesting to see how well PSK gets through compared to the SSB net in the hour before. I am not starting a new net. This is just an experiment using a different modulation mode. If you are so inclined and have PSK-31 capability, stop by after net and give me a call.

73 - Randy AJ7B #7675.



From The President

Mel Sojka, KD5DE
(#33513)

UPPER LEVEL QRM

Well I just realized it was mid-February and long past time for me to get my article together. It has been a good year so far for ten meters and Ten-Ten International. As of this writing, the most current member number is 77280 and several applications are in process. By mid-February, we had gained 85 new members. The band conditions during the Winter SSB QSO Party were favorable; this resulted in 851 contacts for the leader at this point. This is a bit less than the 1052 contacts required to win the 2014 Winter SSB Party. Some felt that a DXPEDITION in progress had an effect. However, whether positive or negative depends on whom you ask. I did notice that on both days after 1800 UTC I could still work stations in western Europe. This was not true for me in Northwest Louisiana during the 2014 event. On the same note this year, I worked several Alaska stations. If you did not take part, you missed a good event.

Recently there was some discussion on the Ten-Ten discussion list about changing contact requirements when operating during non-Ten-Ten events. The request was to allow the exchange of the membership number via QSL cards. The cards could be via LOTW, EQSL, or postal. Of course, the discussion became a bit intense. I closed the topic since less than 7% of our membership subscribe to the list. My fear is that any change to the contact requirements would eventually put the Ten-Ten number in the background. It took the BOD five board meetings to agree on valid contact requirements. I did inform those concerned that if there was enough interest that the topic would be on the agenda of the upcoming BOD meeting in May. Below is the current definition as printed in the Operations Manual.

"6.3 Definition of a valid 10-10 contact.

- a. A legal 10-10 contact must be a direct, two-way contact exclusively on ten meters, and must consist of the exchange of call sign, 10-10 number, name, date of contact and QTH (state or country). At no time is it acceptable for a 10-10 number to be relayed via a third station or copied from any other station.

Repeater, Satellite, IRLP or any other similar types of assisted contacts may only be used for Bar and VP contact awards. The 10-10 number must be exchanged on the air, not copied from a QSL card, or from the web, or from any other source."

If you have any input, please send me your comments via email or postal mail prior to MAY 1, 2014.

One of my goals has always been to promote Ten-Ten. Last year I attended 10 Hamfests for the express purpose of promoting the organization. I expect this year will be the same. One of the major events is, of course, the Dayton Hamvention. This year it will be 15-17 May in the Hara Arena, Dayton, OH. The BOD will meet on 14 May in Tipp City, OH. The location is the LaQuinta Inn from 8 a.m. to 5 p.m.. As always, visitors are welcome and encouraged to attend the Board Meeting. We will hold an official gathering at the Hickory Smokehouse in Tipp City at 6 p.m.. Seating is limited. If you are interested in attending, please contact Director Hemby. There will be a parking lot net on 28.345 after the meeting; also beginning the 12th, you can monitor 28.345 for travelers to, during and after the Hamvention.

Over the years, there has been mention of a DXPedition sponsored in part by Ten-Ten. Because of some wise investments of the life membership funds, the organization has some returns available for activities. Some of these funds are used to cover Hamfest expenses incurred by the Officials, advertising, and promotional items. I have requested from the Directors DXPedition proposals for 2016. I will assure you that this will be a shared expense between participants and the organization. In addition, some type of lottery will select the participants and the only restriction will be current members only. The event may require one appointed member to head the team. This will require Board Action. As always, contact me directly if you have any concerns or input. We do need to move forward as the band begins to move backward. I believe this would be more beneficial to Ten-Ten than sending officials to events outside of the United States.

When I first became a member there were about 250 Chapters and they were a vital part of the internal structure of Ten-Ten. Currently there are about 62 Chapters and of these, some state that about 30 are truly active. I am a Certificate Manager and Chapter Head of the Red River Valley Steamboat Chapter. Last year I had eight new members and an average of five upgrades a month. Some felt that this is in part due to the expanding social media demands on one's free time. I am concerned about the future of chapters as the cycle starts to descend. Facebook and Twitter do not fulfill our mission statement. There is very little relationship between social media and ten meter activity. I am at a loss on how this can be resolved.

I do encourage you to spend some time each week on ten meters if possible. I look forward to making contact with each of you. If you can't contact me on the

air, then feel free to contact me via email on any issue.

Hope to work you soon on ten meters.

God Bless & 73
Mel KD5DE #33513

In The News

HAMFEST SCHEDULE April - June 2015

Ten-Ten International will have an official presence at the following events. If you have a local event and would like an official to attend or would like supplies to hand out at a table please contact WN4AMO.

15 - 17 May	Dayton Hamvention	Dayton, OH
12 - 13 June	Texas Hamcom	Irving, TX

TEN-TEN BOARD MEETING 14 May 2015

The Ten-Ten International Board of Directors will meet at the Hickory River Smokehouse in Tipp City, OH at 5 p.m. on May 14th. The meeting is open to members. However, space is limited. Please contact WN4AMO ASAP if you plan to attend.

10-10 NET CONTROL STATIONS

ALL NETS BEGIN AT 1800Z

Mon (28.380)	Alan, WB9WZI	#76209	IL
Mon (28.800)	Doc, WB6OJB	#70675	CA
Tues (28.380)	Ray, K7CWS	#50288	AZ
Tues (28.800)	Ann KE6OIO	#68997	CA
Wed (28.380)	Marilyn, WM2W	#76400	FL
Wed (28.800)	Louise, N6ELK	#36654	CA
Thu (28.380)	Bob, N6OPR	#45715	AZ
Thu (28.800)	Robert, KQ4PK	#63201	NC
Fri (28.380)	Terry N0TW	#36547	FL
Fri (28.800)	Bob, K6DNR	#75386	CA
Sat (28.380)	Dan KC8IM	#31959	MI
Sat (28.800)	Open. Contact N6OPR for info		

Alternate David, N4WDT #76237 KY

Sunday **NEVER ON SUNDAY**

Ten-Ten Top Operator Award

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

The Top Operators for Q1 are:

Operator - **N5MT Mike Davidson #24949**

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



Bob Farrow N6OPR #45715 presents Tim Watkins W6WQA #6987 with the 2014 Top Op and Top Net Control awards

NEW LIFE MEMBERS

19672	W6TUZ	Ronald J Zenone	CA
33916	K1PU	Mark J Mokoski	CT
34878	KA2LHO	Kraig Pritts	NY
52381	W3ZE	Fred N Pearson	MD
65486	WA1DDC	Steven P Urban	FL
71416	N1JEO	Joel T Curneal	CT
73684	N2MH	Mark J Herson	NJ
74882	KG4JSZ	James R Schilling	FL
75863	KN4QJ	Frank Hobbs	GA
77247	WA4VKA	Arley Hamilton	AL
77270	N2ROQ	Benjamin G Webster	NY



Chapter Coordinator

Cliff Taylor, K5FBS
(#48461)

GENERAL NEWS:

- 1) If your chapter is planning a special sometime during the months of July, August or September, please let me know and I will announce it in the next newsletter.
- 2) I send the changes to the "10-10 Chapters" section of the 10-10 website to N7YG about every 15 days, usually on or about the 1st and 15th of each month. When I sent a list of changes to Jeff on the 23rd of January, I CC-ed the tenten and tenmeter reflectors. This resulted in the immediate notification of two changes that I needed to make and three late quarterly reports. Therefore, in the future, I will CC those reflectors when I send changes. BTW, If you're looking for information on the Chapter Head, Certificate Manager or possibly the Correspondent of any currently affiliated chapter, just check the above referenced section.
- 3) During the months of December 2014, or January and February 2015, the following chapters have sent in either quarterly reports or chapter updates, and, therefore, are alive and well: Alii, Aloha, Arizona Desert, Arlington (VA), Bauxite, Bay Area, Boomtown, Branding Iron I, Branding Iron II, Castle Craig, Cincinnati Area Ten Tuners, City of Roses, Colorado Centennial/Colorado Frontier Gang, Cradle of the Confederacy, Cow town, Down Under, Electric City, Gateway, Gold City, Hanse, Lonestar, Milwaukee, Neanderthal, New Waterkant, Oregon Trail, Portland 500, Possum Trot, Restoration Project, Santa Fe Trail, Sky Blue Waters, Space Coast, Speedway, Steamboat Plus, Steel City, Tango, Tin Lizzie, Trail driver, Twin Cities and Up the Crick. Many thanks to the officials of these chapters for keeping us up-to-date.
- 4) For those using the MYLIST feature of WIN1010 here are a couple of changes that need to be made:

SEALNAME

Branding Iron I_Open Hat

Space Coast_CONCON2

5) Over the years I have gotten queries about whether chapters are still going on or if chapter seals are still valid. There are a couple of places to check on chapters. The first place to look is on the 10-10 International Net, Inc., web site in the "10-10 Chapters" section under CHAPTERS.

Another place to look is on the internet on the WIN1010DL website and scroll down to the CHAPNAME listing. While there you can also view the SEALNAME listing for all current seals. If you are a Chapter Head or Certificate Manager, you will certainly want to look at the SEALNAME listing to insure that K4HAV through the Chapter Coordinator has your seals either shown or deleted as appropriate. Just a Reminder for Quarterly Reports Due During the Next Few Months; (April '15) New Mexico Mud Ducks, (May '15) Maine-iacs, Minutemen/Old Ironsides, (June '15) Houston (SHOT), (July '15) 10-Bar-X, Chesapeake Bay, Chief Seattle, Fort McHenry/Cornerstone/Yodar Kritch;

Quarterly Reports Currently Due: (This article was sent to the Editor on 18 February so any quarterly reports sent after that date will be noted on my notifications of "Changes to the 10-10 Chapters" section of the 1010 website and included in the next newsletter) ((January '13) Republic of Texas, (June '14) Channel Islands, (February '15) Keystone, Keystone Stars, Route 66, (March '15) City of Lights, Kentucky Cardinal, Springbok.

CHAPTER NEWS:

Alii, The CM's new email address is wh6s@outlook.com.

Boomtown: The CH/CM has moved and has the new address of PO Box 155. Village Mills, TX 77663. He should be back on the air soon and so the chapter will continue.

Branding Iron I, 1) This chapter's net is also currently being called with the 10-10 EU-DX net on Wednesdays at 1400 ZSUM and 1500 ZWIN on 28.355 MHz. Net control station is located in Bergamen, Germany. 2) As of 1 January 2015, the Branding Iron Chapter has established the OPEN HAT brand. To complete the brand the following requirements must be met:

1. All contacts must be made on January 1 2015 and after.
2. Each call sign may be used only one time (no dupes).
3. Only personal call signs may be used (no club stations).
4. Collect 5 times the numbers 0-9 in the basic number. (That means 5 zeroes, 5 ones, and so on)
5. Only one number may be taken out of a basic number.
6. You may not use your own number.
7. Upon completion of the brand, 200 points and a BIC collectible brand number will be issued.

8. 10 points will be awarded for each brand number collected.

9. Send completed list with call sign, basic number and date of QSO to the certificate manager.

3) The requirements for the XIT Brand seal (WAS) have been changed. The five wild cards which may be used are now three (3) First Country on the basic BIC number and any two (2) YL's with a BIC number.

Branding iron II and Traildriver, The new address for the CM of these two chapters is strelowdaryl@gmail.com.

Down Under: Bob, ZL1AFU, reports that the chapter net is called weekly, but no DX check-ins since May of last year. He has either heard, or checked into, only the Arizona Desert, Houston S.H.O.T., Alii and the international nets since last February.

Milwaukee, The ZWIN net time for this chapter is 0200 vice 0100.

Portland 500, With the SK of K7KTP, who did a great job as CH, the new CH is KD7ZLF, Howard Merritt, PO Box 550, Gaston, OR 97119-0550, email kd7zlf@arri.net.

Republic of Texas: The CM's new email address is wd8jkv@ten-ten.org.

Restoratoin Project: The new snail mail address for this chapter is: #103, 4086 7th Avenue, Port Alberni BC V9Y 4P5.

Santa Fe Trail: The net frequency for this chapter is now 28.345 MHz.

Space Coast: The "There's a Moon Out Tonight" worksheet was closed out on February 28 so all the specials related to this worksheet should be removed from certificate lists. The "Constellation Consternation I" worksheet is still ongoing until further notice. For those who have finished this worksheet, the "Constellation Consternation II" worksheet was started. If you want to close out the first worksheet to work on the second, just send what you have to the CH/CM for credit and you may start the second. To help those who are working on the second worksheet, all current Space Coast members are requested to ask for a special. As you can see from the above, the seal name for the "Constellation Consternation II" worksheet is CONCON2.

Speedway, 1) My Speedway database has been lost by my own mistake, and cannot be revived. I really want to keep the Chapter running, so will need to have all members e-mail me ALL of their Speedway Info. What I will need is as follows: Call sign, 10-X Number, Chapter Number complete with DX, DXCS, HC, YLDX, etc. etc., Current On The Air Points, ALL Flag Seals. All 5x9 Awards, ALL Convention Seals, Number of all Contacts, and Total points submitted for Upgrades

2) Here are the results of the November Special:

World High Scores Top 12

- | | |
|----------------------------|----------------------------|
| 1. DL8YBM & Clubs | 7. DJ3LA & DK7LA & Clubs |
| 2. KA5VVD & Club | 8. DH3KAT & DL1KBQ & Clubs |
| 3. DL8LAC & Club | 9. N9AC & Club |
| 4. DB9DF & DL6DK & Clubs | 10. DF9JS |
| 5. DL5HCN & DL5HAN & Clubs | 11. AD4RX |
| 6. DF1AG & Club | 12. PA2NJC & Club |

DX Top 12

- | | |
|---------------------------|---------------------------|
| 1. DL8YBM & Clubs | 7. DH3KAT, DL1KBQ & Clubs |
| 2. DL8LAC & Club | 8. DF9JS |
| 3. DB9DF, DL6DK & Clubs | 9. PA2NJC & Club |
| 4. DL5HCN, DL5HAN & Clubs | 10. F6BXQ |
| 5. DF1AG | 11. DJ9OI & Club |
| 6. DJ3LA, DK7LA & Clubs | 12. DH8OAK & Club |

USA Top 10

- | | |
|------------------|-----------------|
| 1. KA5VVD & Club | 6. KZ3T |
| 2. N9AC & Club | 7. KD5DE & Club |
| 3. AD4RX | 8. W7CAR |
| 4. N1API & Club | 9. W7DG |
| 5. K4QHH & Club | 10. N7TT |

Springbok: W4ZYD'S email address has been changed to w4zyd@bvu.net. I must apologize to W4ZYD as he had the change on his last quarterly report but I didn't catch it.

Chapters that Accept Upgrades Via Email ((As of 01 April 2015))

All of the listed chapters generally need previous, new, and total points and seals claimed. Any transaction with the CM that requires that a certificate be issued, and most worksheet specials, should still be handled via US Mail.

Also to be on the safe side, a detailed listing of the upgrade should be kept in the event that the CM should require verification. Requirements peculiar to a particular chapter are noted.

(* indicates change)

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

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

Bay Area - CM K6RDK, k6rdk@arri.net

Boomtown - CM N5EBA, ed_cisse_neal@yahoo.com
 Branding Iron – CM, bic-cm@voits.de
 Branding Iron II - CM N5SCA, strelowdaryl@gmail.com
 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
 Down Under- CM ZL1AFU, zl1afu@nzart.org.nz
 Electric City - CM WA2OIZ, istillwell@att.net
 Fort McHenry, Cornerstone & Yodar Kritch - CM K3TUI, k3tui@juno.com
 Gold City- CM K4QHH, rabisch@hotmail.com
 Hanse – CM DL5HAN, dl5han@t-online.de
 Houston S.H.O.T. - CM N5MT, n5mt@aol.com
 Keystone & Keystone Stars - CM KA6GPC, ka6gpc@aol.com
 Major League Baseball - CM N6OPR, n6opr@msn.com
 Minuteman & Old Ironsides - CM WA1ENO, wa1eno@hotmail.com
 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, 10-10@chazcone.com or 10X@w4gkf.com
 Oregon Trail - CM W7HO, w7ho@w7ho.com or w7ho@arrl.net
 Portland 500 - CM W7HO, w7ho@arrl.net or w7ho@w7ho.com
 Republic of Texas – CM WD8JKV, wd8jkv@ten-ten.org
 Restoration Project- CM VA7SJ, cocjurassic@shaw.ca
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Steamboat Plus - CM KD5DE, kd5de@nwla.com

Steel City - CM KE9WZ, ke9wz@windstream.net

Trail Driver - CM N5SCA, strelowdaryl@gmail.com

Twin Cities - CM K0DBK, kzerodbk@gmail.com

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

SPOTSPY NOW SUPPORTS TEN-TEN INTERNATIONAL CLUB.

Version 1.8.4 of SpotSpy works in conjunction with DX-Lab Suite as an additional stand-alone program which monitors the DX Cluster and notifies the user of Ten-Ten members who have been spotted, within the filtering parameters of Spot Collector (one of the sub-programs of DXLab suite) and if that member has been worked in the user log in DXKeeper (the main logging program of DXLab Suite). SpotSpy displays the spotted Ten-Ten member as 1010 and the spotted member's Ten-Ten number. Double clicking the mouse button on the window, changes the radio to the frequency of the spotted member, opens the Log capture screen and pre-loads the member's data onto the display screen. In the current version of DXLab suite, the Ten-Ten number is NOT one of the preloaded items displayed, but can be added later to the log after the QSO has been made.

DXLab suite and the SpotSpy add in are both free programs.

More information on DXLab suite, including download information can be found at www.dxlabsuite.com.

More information on SpotSpy, including download information can be found at spotspy.software.informer.com/

73, Duncan, KF6ILA #76253



Net Report

Bob Farrow, N6OPR
(#45715)

Net reports for Fourth Quarter of 2014

MONDAY NETS

28.38 MHz			28.8 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
6-Oct	2	0	6-Oct	26	2
13-Oct	7	0	13-Oct	13	0
20-Oct	11	2	20-Oct	16	1
27-Oct	10	0	27-Oct	19	2
3-Nov	4	0	3-Nov	23	1
10-Nov	6	0	10-Nov	18	1
17-Nov	4	0	17-Nov	15	0
24-Nov	2	0	24-Nov	21	2
30-Nov	2	0	30-Nov	29	2
1-Dec	5	0	1-Dec	32	2
8-Dec	23	3	8-Dec	28	0
15-Dec	18	1	15-Dec	20	1
22-Dec	14	1	22-Dec	21	1
29-Dec	2	0	29-Dec	23	2

TUESDAY NETS

28.38 MHz			28.8 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
7-Oct	21	1	7-Oct	15	0
14-Oct	30	4	14-Oct	21	0
21-Oct	22	2	21-Oct	14	0
28-Oct	32	7	28-Oct	11	0
4-Nov	32	5	4-Nov	15	1
11-Nov	30	5	11-Nov	13	2
18-Nov	40	7	18-Nov	15	1
25-Nov	28	3	25-Nov	9	1
2-Dec	24	3	2-Dec	13	1
9-Dec	42	7	9-Dec	12	0
16-Dec	37	7	16-Dec	16	1
23-Dec	31	3	23-Dec	12	0
30-Dec	26	6	30-Dec	14	0

WEDNESDAY NETS

28.38 MHz			28.8 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
1-Oct	32	9	1-Oct	20	2
8-Oct	36	6	8-Oct	20	2
15-Oct	33	5	15-Oct	12	0
22-Oct	22	2	22-Oct	14	0
29-Oct	36	6	29-Oct	16	1
5-Nov	31	6	5-Nov	11	0
12-Nov	44	9	12-Nov	11	0
19-Nov	36	5	19-Nov	20	2
26-Nov	33	9	26-Nov	23	2
3-Dec	33	2	3-Dec	17	1
10-Dec	29	1	10-Dec	13	0
17-Dec	42	6	17-Dec	21	2
24-Dec	19	2	25-Dec	13	0

THURSDAY NETS

28.38 MHz			28.8 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
2-Oct	14	1	2-Oct	20	2
9-Oct	36	6	9-Oct	24	0
16-Oct	0	0	16-Oct	20	1
23-Oct	0	0	23-Oct	26	2
30-Oct	0	0	30-Oct	12	0
6-Nov	19	2	6-Oct	18	2
13-Nov	30	6	13-Nov	10	1
20-Nov	0	0	20-Nov	5	0
27-Nov	0	0	27-Nov	0	0
4-Dec	0	0	4-Dec	7	0
11-Dec	0	0	11-Dec	22	4
18-Dec	0	0	18-Dec	22	2
25-Dec	0	0	25-Dec	18	2

FRIDAY NETS

28.38 MHz			28.8 MHz		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
3-Oct	24	4	3-Oct	17	2
10-Oct	32	2	10-Oct	14	0
17-Oct	24	3	17-Oct	18	1
24-Oct	34	4	24-Oct	35	1
31-Oct	36	4	31-Oct	14	1
7-Nov	50	5	7-Nov	10	0
14-Nov	44	6	14-Nov	10	0
21-Nov	44	7	21-Nov	12	0
28-Nov	40	4	28-Nov	17	1
5-Dec	50	13	5-Dec	12	0

12-Dec	37	5	12-Dec	16	0
19-Dec	41	8	19-Dec	9	0
26-Dec	33	3	26-Dec	10	1

SATURDAY NETS

----- 28.38 MHz -----			----- 28.8 MHz -----		
DATE	TOTAL	NO 10X#	DATE	TOTAL	NO 10X#
4-Oct	32	2	4-Oct	0	0
11-Oct	31	6	11-Oct	0	0
18-Oct	22	3	18-Oct	0	0
25-Oct	36	3	25-Oct	0	0
1-Nov	48	10	1-Nov	0	0
8-Nov	20	4	8-Nov	0	0
15-Nov	34	4	15-Nov	0	0
22-Nov	13	0	22-Nov	0	0
29-Nov	50	14	29-Nov	0	0
6-Dec	58	11	6-Dec	0	0
13-Dec	44	6	13-Dec	0	0
20-Dec	50	11	20-Dec	0	0
27-Dec	48	7	27-Dec	0	0

NET CONTROL STATIONS NEEDED

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

WHY I BECAME AN AMATEUR RADIO OPERATOR

Editor's note: Jason is a new volunteer who is a junior in high school and is part of the school's journalism club. He was asked if he would write something about how and why he became an amateur radio operator. His response follows.

I always wanted to become an Amateur Radio Operator since attending my first Jamboree On-The-Air with the Boy Scouts of America. So, right when I got home from the jamboree I did research about the hobby and took every single Practice Exam I could to pass the Technician exam. I went to the exam session with a positive attitude and failed by 1 question. So I retok the exam and passed. I received my C.S.C.E. (Certificate of Successful Completion Examination) and passed the stinking exam at 15 years old. Then I waited and waited and waited and checked and checked the FCC database for my call. The same day I received my call, I made a friend (KB1VWQ Danny Vierno) and started chatting with him for a couple of weeks and months. When I got home from Tennessee, he invited me to a Parks On The Air (P.O.T.A) event at Skinner Mt. where you go, set up for a day and try and conjure 5 QSOs to "activate". After doing the P.O.T.A I loved HF bands. As a Technician I could only go on the 10 meter band. So I didn't have an HF Rig or antenna. So Danny (KB1VWQ), Chris (NU1O), Dave (N1MFL) and Mike (WO1LF) all came over to my QTH, for a 10-Meter Party to

make a 10-Meter Antenna. Danny and Dave brought supplies to make the dipole, Chris brought an IC-720A, and Mike brought the power supply that weighs like 80 pounds. I love going to Parks On The Air, being Net Operator for our local Medical Reserve Corps Emergency Net, making new friends all over the world, and going to W1AW.

I think we need to get more teens into the hobby to meet friends and talk around the world. If we have more field days, and other ways to get teens and young adults addicted to this awesome hobby. I expect to keep making new friends, and keep talking to old friends too. I also want to recruit more young hams the way I was recruited and teach them the way I was by the Elmers above.

73, Jason Phillips KC1BTA #77110



Jason operating portable from the back of a pickup.

TEN - TEN NET GUIDE

As of March 1, 2015

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0300	0400	Chief Seattle	Seattle, WA	28430	T/W	2330	0030	Minuteman/ Old Ironsides	Saugus, MA	28409
SUN	1300	1400	Arlington	Arlington, VA	29200						
SUN	1400	1500	Neanderthal/ Springbok	Leichlingen, DL	28355	WED	0001	0100	Castle Craig	Meriden, CT	28375
SUN	1430	1430	Cincinnati Area Ten Tuners	Milan, IN	28960	WED	0100	0100	Cincinnati Area Ten Tuners	Milan, IN	28800
SUN	1630	1730	Possum Trot	Raeford, NC	28345	WED	0100	0200	Houston SHOT	Houston, TX	28488
SUN	1700	1700	Major League Baseball	Gilbert, AZ	28375**	WED	0100	0200	Gateway	St Louis, MO	28650
SUN	1800	1900	Portland 500	Portland, OR	28350	WED	0200	0300	10 Bar X	Canutillo, TX	28445
SUN	1900	2000	Oregon Trail	Dallas, OR	28803	WED	0300	0400	Chief Seattle	Seattle, WA	28430
SUN	1930	1930	North Georgia	Atlanta, GA	28610	WED	1400	1500	EU DX/Branding Iron	Bergamen, DL	28355
SUN	1930	2030	Steel City	Eubank, KY	28420	WED	1700	1700	Gold City	Rutherfordton, NC	28425
SUN	2030	2030	Santa Fe Trail/ Springbok	Galesburg, IL	28385**	WED	1700	1800	Channel Islands	Oxnard, CA	28340
SUN	2100	2200	Possum Trot	Raeford, NC	28150 CW	WED	1930	1930	Route-66	Boonville, IN	28370
MON	0001	0100	Chesapeake Bay	Chestertown, MD	28435	WED	1930	1930	Windfarms	Livermore, CA	28485
MON	0100	0100	Arizona Desert 10-10 Net	Phoenix, AZ	28445	W/T	2359	0059	Battle Road	Mason, NH	28390
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	0001	0001	Cradle of the Confederacy	Pike Road, AL	28350
MON	0100	0100	Lonestar	Arlington, TX	28460	THU	0100	0200	Gateway	St. Louis, MO	28650
MON	0130	0230	Bauxite	Benton, AR	28470	THU	0100	0100	Cow Town	Arlington, TX	28460
MON	2030	2030	Space Coast	London, KY	28355	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
MON	2330	2330	Sky BI Wtr/ Tn Lzz/Twn Ct	Inver Grove Heights, MN	28380	THU	0100	0200	Channel Islands	Oxnard, CA	28340
TUE	0001	0001	Branding Iron	Kemper, TX	28325	THU	0230	0330	Windfarms	Livermore, CA	28485
TUE	0001	0100	Ft McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370	THU	0230	0330	Up The Crick	Eugene, OR	28450
TUE	0100	0200	CO Centennial/ CO Frontier Gang	Lakewood, CO	28340	THU	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0100	0200	City of Lights	St Charles, IL	28150 CW	THU	1930	1930	Speedway	Rainier, OR	28350
TUE	0130	0230	City of Lights	St Charles, IL	28720	THU	2000	2000	Branding Iron	Kemper, TX	28345
TUE	0130	0230	Bauxite	Benton, AR	28470	FRI	0001	0100	Fort McHenry/ Cornerstone/Yodar Kritch	Arbutus, MD	28370
TUE	0130	0230	OK Route 66 Chapter	Oklahoma City, OK	28390	FRI	0310	0410	Kentucky Cardinal	Russellville, KY	28600
TUE	0300	0400	Bay Area	Hayward, CA	28475	FRI	0310	0410	Kentucky Cardinal	Russellville, KY	28480
TUE	0430	0430	Aloha	Hilo, HI	28490	FRI	1400	1400	New Waterkant	Boerm, DL	28355
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835	FRI	2230	2130	Down Under (Summer in NZ is winter in US)	Auckland, ZL	28530
TUE	1630	1730	Chief Seattle	Seattle, WA	28430	SAT	0001	0100	MAINE-iacs	North Haven, ME	28777
TUE	1800	1800	Electric City	Melbourne, FL	28425	SAT	0300	0400	Chief Seattle	Seattle, WA	28430
T/W	2330	0030	Republic of Texas	Euless, TX	28560	SAT	1330	1430	Springbok	Abingdon, VA	28385
						SAT	1430	1530	Steamboat Plus	Shreveport, LA	28430
						SAT	1400	1400	Hanse	Hamburg, DL	28355
						SAT	1500	1600	Republic of Texas	Euless, TX	28460

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SAT	1510	1610	Louisiana Pelican 10-10 Net	Livingston, LA	28450
SAT	1600	1700	City of Roses/ Portland Bridges	Ridgefield, WA	28835
SAT	1630	1730	Boomtown	Village Mills, TX	28402**
SAT	1730	1730	Tango	Buenos Aires, LU	28650
SAT	1800	1800	Keystone/ Keystone Stars	Brea, CA	28765
SAT	2000	2000	Restoration Project/ Feline Friends	Port Alberni, BC	28750
SAT	2200	2200	Alii	Lihue, HI	28730

** Indicates a change since the last published list.

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

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

**10-10 Has Two Official Daily Nets
28.380 and 28.800 MHz
Both Run At 1800z
Every Day Except Sunday
Listen And If You Can Hear Us Join IN!!!**



Mel KD5DE #33513 and Leslie WA4EEZ #15675 do Ten-Ten booth duty at the Orlando Hamcation.

THE AMATEUR'S CODE by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

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

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

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

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

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

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



DX News

Mike Davidson, N5MT
(#24949)

The **10-10 Winter QSO Party** and the **ARRL Ten Meter** contest were fun on-the-air activities for us this past quarter. A major conflict in frequency usage during the Winter QSO Party took place with the K1N DXpeditions to Navassa Island. K1N was in the middle of the SSB portion of the band before the contest started. I suggested to their north american pilot station for them to move down low in the band, so our QSO Party would have less interference with their split-frequency operation. The split was 10-40 kHz up from their transmit frequency. The next day before the QSO Party, they had moved down to the bottom of the SSB portion which helped out most of the weekend!

I expected a solar flux of 140-155 for the 10-10 Winter QSO Party and it was actually 153 on February 7th. The higher flux also helped us talk with K1N Navassa Island which was ranked as the number 2 most-wanted country for DXCC. The number 1 spot is P5 North Korea. The US Fish & Wildlife Services control what happens on Navassa which is located forty miles west of Haiti. The island is uninhabited but Haitian fisherman are on the two square mile island with the steep cliffs at water edge. Without USFWS permission, ham radio would not count for DXCC credit. It took twelve years for a group of hams to get permission for the DXpedition and put Navassa back on the air in 2015. Previous ham radio activity from KP1 Navassa was in 1986 and 1988.

There was 10-10 activity from Navassa in the 1980s so it was not a new 10-10 country but just a long wait for a new one for many. Likewise it will be ten more years before the USFWS allows another group to put ham radio back on the air from Navassa!

The December 2014 ARRL Ten Meter contest was a great success as I was able to work a new 10-10 country from Laos when I put Carl **K4YT/XW4YT** #37347 in my log at the end of the contest. The Europeans were easy to work early in the mornings and then the Pacific opened up in the afternoon. South America was wide open mid-day and most of the afternoon with strong signals. But the late afternoon propagation into Asia was the best heard in many months! Likewise my total score was higher than the previous year contest.

This is the fifty-third year that 10-10 has been on the air. I wonder if there are any original members left that attended the first 10-10 meeting and saw those ten cats walk through the California park back in 1962? As the years go by, our old member friends are becoming fewer and fewer. Here in Houston TX we lost two members that were DXers as they operated from foreign countries and gave out their 10-10 numbers for many years.

Jim Carmody **NN5O** #7272 had been a member since 1976 about the time he finished his Vietnam tour with the Navy. Jim liked to operate from Scotland, England, Ireland and the east coast Canadian provinces. Jim died in January 2015.

My other friend was Frosty **K5LBU** #51322, who was a Senior Life member of 10-10. Frosty and his late wife were missionaries living in central Africa during the 1980s. Frosty then moved to Houston where he lived until he died on February 14th, his birthday. Frosty had a love for Southern Africa as he would take hams there for HF radio tours through Kruger National Park, South Africa, Lesotho, Swaziland, Botswana and Mozambique. He gave me Egypt for a new 10-10 country plus a few others in Africa. Africa is a hard place to find 10-10 members as there are 53 countries that compose Africa plus the islands. So we appreciate it when visitors that are 10-10 members travel to Africa and get on the air on Ten. So rest in peace my DX friends and thanks for the memories.

Ralph Fedor **K0IR** #2609, has a video on DXpedition at: <http://www.youtube.com/watch?v=k4dJcK-WVRw>.

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

Countries Award: There was one Basic Countries Award and eight upgrades issued to three 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 must have your dues paid up and use a form at the 10-10 website or use approved software that prints the correct forms for emailing.

GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

3G Juan Fernandez. This DXpedition of two dozen ops has no 10-10 member. Started February 24th, ends March 4th.

3W Vietnam. Bruce **AA4XR/3W3B** #11635, was in the ARRL DX CW contest February 21-22nd. He now lives in Da Nang and has been using the 3W3B call since January. Brice likes to load his contacts into the LoTW system to QSL.

8P9 Barbados. Mike **G4BLH/8P9MC** #18446, was back in Barbados visiting his daughter from February 24th to March 2nd. He was on SSB daily from 13-1600 UTC.

9M2 Western Malaysia. Rich **PA0RRS** #24343, was on Penang Island from January 1st to February 4th using call sign 9M2MRS on CW and RTTY. LoTW.

E6 Niue. Haru **JA1XGI** #55571 was in Niue from December 1-5th, 2014 mostly on CW and digital as E6XG.

FP Miquelon. Eric **KV1J** #31247, was in Miquelon from February 26th to March 10th. He worked mostly SSB and RTTY, his website: www.KV1J.com/FP/Feb15.html . LoTW.

HC Ecuador. Bill **W0OR** #23875, was active in the ARRL DX CW contest February 21-22nd as HC1WDT.

JW Svalbard. Rene **DL2JRM** #69623, was in Spitsbergen, Svalbard from February 18-25th. Rene operated all modes.

KG4 Guantanamo Bay. Nancy **K9DIG/KG4YL** #76082, Jim **WB2REM/KG4HI** #48365 and Bob **N4PSK/KG4RQ**, were with friends at GitMo from February 6-13th. I was lucky enough to work her during the Winter QSO party for my log. LoTW. Starting February 20th, Bill **W4WV/KG4WV** #26180 returned to GitMo with W6HGF and stayed until March 6th. They operated from the KG4 club station. Website: GuantanamoBayRadioClub.com .

KP1 Navassa Island. A DXpedition was finally allowed by the USFWS agency in January from Navassa Island. Details at: www.NavassaDX.com. Landing by ship was considered too dangerous as high cliffs surround the island. The only landing point is a twenty-five foot steel ladder going down to the water. No one lives on the island. Therefore, a helicopter was required for landing all people and equipment on the island. The old lighthouse still stands and it was used to hold up dipole antennas. The light-keepers building has lost its roof but it was a great place to setup the radios next to the lighthouse. The only 10-10 members were: Ralph **K0IR** #2609, Bob **K4UEE** #75256, John **K6MM** #13853, and John **W2GD** #14109. LoTW. Don **N5LZ** #25790 made a video of a CW pileup calling K1N showing where they were listening using a P3 panadapter at: Vimeo.com/118876333 . I counted 40 signals in the video window when K1N said UP! The stats were impressive, they made 140,000 QSOs with 30K unique calls in the log! They had 14 ops, 7 HF radios, 5 amps and 4 small beams. Many contacts were made at 100 watts to a dipole hanging off the lighthouse.

PJ4 Bonaire. David **NA2AA** #40574, was active in the ARRL DX SSB contest with a friend Noah K2NG.

TI Costa Rica. Eric **TI2ERS** #71809, was on the air the last week of February with an S9 signal into Texas.

TI9 Cocos Island. Jon **K7CO** #50822 was on Cocos from February 16-22nd with two friends using call TI9/3Z9DX. The Website is: <http://www.nielsen.net/TI9A>.

VQ Diego Garcia Island. Bob **N7XR** #26991, was back on Diego Garcia in December 2014 for three weeks using call VQ9XR with his IC-7600 into a SpiderBeam. Website: <http://www.Wake-Diego2014.org> .

XW Laos. Ken **K4ZW** #18573 operated in Laos last month for a low band contest, but expects to return to Laos for more HF radio later this year in 2015. At the end of the Ten Meter contest in December 2014, I talked with Karl **K4YT/XW4YT** #37347, for a new 10-10 country. I just waited until the last minutes of the contest to call Karl and swap 10-10 numbers which I believe will be a first 10-10 country! So Laos can now be put in the 10-10 worked column for a new one.

UPCOMING DX & NEW 10-10 ACTIVITY:

1S Spratly Islands. Billy **WE6DX** #64115, will be the only 10-10 member in a group going to the rare Spratly Islands in April 2015. Good luck.

DU Philippines. Hannes **OE3SGU** #61527, will operate from Luzon Island, as he has time, from March 25th to April 20th. He likes to operate CW mostly, but also does digital and SSB. LoTW.

E3 Eritrea. A DXpedition to Eritrea in East Africa will begin on March 6-17th using call E3A. The 10-10 members to find are Paul **N6PSE** #68859 and Dmitri **KP2P/RA9USU** #54234. There will be eight ops total, using beams and amps from this rare country.

FK/TX3X Chesterfield Island. A DXpedition to Chesterfield Island is planned for October 1-12, 2015. The 10-10 members are: Arnie **N6HC** #29959 who is their team doctor, Gene **K5GS** #15119 and Ross **K6GFJ** #32680. Arnie has been to places like: St. Brandon, Clipperton, Midway, Kanton, Kiribati, Swains, Banaba, Christmas and FT5ZM Amsterdam Island. Chesterfield is the 23rd most wanted country with 10-10 activity in the past.

FP St. Pierre & Miquelon. Eric **KV1J** #31247 is now on the island until March 10th. All HF bands CW, SSB & RTTY.

HP Panama. Tim **NL8F** #32796, will be a guest of HP3AK from February 27th to March 9th using the amp and good antennas of his host. QSL to K8NA. Jose **HP2AT** #42071 will use special call H32AT during 2015.

OZ/5P Denmark. Volker **DJ8VW** #69216, will be on Romo Island IOTA EU-125 from December 6-21st, 2015. He will use call sign 5P8VW on CW and SSB. LoTW.

VQ Diego Garcia Island. Bob **N7XR/VQ9XR** #26991, with a IC-7600 and amp into a SpiderBeam, will be on Chagos again operating from March 19-27th.

YJ Vanuatu. Haru **JA1XGI/E6XG** #55571 will be operating YJ0XG from Port Villa, Vanuatu during April 2015. He likes SSB, CW and RTTY. QSL to his JA home call.

Miscellaneous Items & Notes:

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

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

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

Propagation: Over the past year, average propagation was about the same as during the first peak of the cycle in November 2011 when the monthly average flux reached 153.5. The maximum flux was 193.5 in February 2014 and 181.4 in November 2014. The highest this year 2015, was a 172 on January 29th. The solar flux has been higher than expected due to more solar flares occurring on the sun surface over the past two years! I expect the solar flux to range from 120-160 this next quarter, which is down from the past three months. Since we have been hearing Europe this winter on a regular basis, this has helped increase our contest scores above last year! With the change of season in March, the Europeans will fade and our spring propagation will change as the earth begins to move and more sunshine hits North America.

On March 1st the solar flux was 127, the A index was 28 and K index 2. In the next four months, look for the best conditions: March 7-10th, April 3-5th, May 1-4th and June 23-26th. Conditions for the 2015 Field Day look great for a flux of 140-150 for the June 27-28th contest which will be about the same as last year. Over the next three months, for USA stations, expect a 10-15% chance of DX in the mornings to Europe or Africa and the same chance into Asia, South America or the Pacific in the late afternoon. The western USA probably will not hear Europe until next fall. To see what DX paths are open, listen for the beacons from **28.175-28.300 (especially 28.200)**.

NEW 10-10 DX MEMBERS' DEC. 2014 TO FEB. 2015:

Dec. 2014: 77180 VE4AI; **Jan. 2015:** 77190 KL1QQ; 77195 7L4VYK; **Feb. 2015:** 77210 I1VDM; 77239 NP2PI; 77261 VA3VW; and 77291 AH6IO.

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

E-mail: N5MT@aol.com.

DX IS! 73 Mike Davidson N5MT #24949

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QSL Bureau News

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

On the 10-10 Web page 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 call sign, 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 not have to be a current paid 10-10 member to use the QSL Bureau.

You can make QSOs on any 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**

TEN Meter Beacons

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

I would appreciate a message from anyone with thoughts of activating a beacon. wj5o@amsat.org

73 Bill WJ5O

IARU Region 2 HF Beacon Coordinator

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

MAKING AN ANTENNA FROM BUSTED PARTS

Do you have access to random lengths/diameters of aluminum tubing, such as, aluminum salvages from damaged or broken up HAM and CB antennas? Would you like to build up your short Yagi to a longer one? Then use these important techniques to build up a very good antenna from damaged antenna without cut and try. How I came to find them is that over a decade ago for two years in a row we had a bad storm of ice and wind that severely damaged my antennas. I cannot afford a new antenna every year but yet I wanted a very good antenna!

Select the number of elements, spacing and reference diameter/length of your choice after considering designs found in handbooks and those used on commercial Yagi antennas. I choose to use spacing of the elements on the boom more as a function of mechanical strength than electrical performance.

KC8IM's element on 24' foot boom (common spacing).

Element spacing	R-DE	DE-D1	D1-D2	D2-D3
Wavelength	0.160	0.117	0.175	0.235

Use an antenna program that has a scaling module for scaling element diameters and calculating element length. Such a program allows the user to make up each element of the Yagi with whatever length/diameter of aluminum tubing they have access to and it figures out the length of the element tip for that taper! No cut and try or experimentation required! Keep in mind the configuration of the available element attachment hardware to the boom; it might need to be considered an element section. This will be required if the element attachment hardware increases the element diameter for a length near the boom.

Inventory the available aluminum material and mark all the tubes with O.D., I.D. and length; there are three (3) common wall thicknesses, namely: 0.031", 0.058" and 0.125" that telescope into each other. The next larger diameter tube should be used as a sleeve over the center of the element. Bent elements usually occur near the boom. Partially straighten the bend, put a sleeve over the bent portion using the next size larger diameter tubing and install element on boom rotated 180°. Think of it as a pre-stressed element. This sleeve is almost universally recommended for robust element construction anyway! Example: If the original ½ element is made of two sections; adding a sleeve makes it three sections and the element tip length will compute shorter than its original length.

Slot the element sections on the end to later compress with stainless steel hose clamps.

If oxidation is present on the aluminum to be used for telescoping; abrade to remove the oxidation. Next coat the inside surface with aluminum/aluminum electrical joint anti-corrosion compound.

Next make up each element by telescoping the section diameters together; using a minimum three inch (3") insertion/overlap. Secure by tightening the stainless

steel hose clamp. The exposed section length of each diameter must be identical both sides of element center (point of attachment to the boom). The exposed length and diameter of each section of the element must be accurately recorded for entering in the Scale utility. Mark the element with its position R, DE, D1, D2, D3, etc. There is no cutting of aluminum tubing necessary. Just telescope whatever lengths of tubing you have access to and use a scale utility to compute the element tip length! Every element can have a different taper schedule. Wrap each joint with black vinyl tape to seal against the intrusion of water.

Use double booms (see photo below) which can be coupled together with plates and exhaust pipe clamps or schedule 40 PVC pipe fittings. The primary boom diameter can be that of a CB or HAM Yagi, thus allowing the use of that hardware; while the secondary boom can be of larger diameter for additional strength. The boom couplers can also be used to facilitate boom section splicing.



Place the large diameter/heavier elements near the mast and the smaller diameter/lighter elements at the end of the boom.

Use a double strut and a 30° angle to the boom of preferably UV resistant non-conducting guy cable. The cross bar support for the strut is best made from UV resistant plastic bar to avoid distortion of the antenna pattern.

See the series of articles by L.B. Cebik published in previous issues called Ant-Ten-Ten-nas for other technical details. Send KC8IM #31959 an S.A.S.E. for explicit instructions.

Conclusion: My experience changing element diameter and taper sequence worked well without adjustment. This enables using random lengths/diameter of aluminum tubing to make up each element. It is said that using large diameter elements may broaden the frequency response a bit.

73, Dan Wisner KC8IM #31959

RAYNE, LA HAMFEST



Fran Sullivan KD5LBK (not a member) supporting the Ten-Ten International booth.



John Mussey N5FJ #8285 and Bill Sullivan KB5PKW #74480 helping out at the Ten-Ten International booth.

Mel (KD5DE) reports that the Hamfest in Rayne, Louisiana is the most unusual you can attend. One hour after the event begins, Cajun Music is played. Dancing is encouraged. At 7 P.M., the Giant crayfish eating begins. You can buy 2 LBS of huge crawfish. They are served with sausage and corn in a box bottom. Needless to say, most Hamfest activity takes place on Saturday, if you can survive Friday Night.

HOW TO CHECK YOUR AWARDS SUBMISSION FOR DUPES

Some logging programs do not do a good job of checking for duplication of 10-10 numbers. Very often the Bar Award Managers find there are multiple dupes in your submission. This article will describe two methods to check your log for dupes. Both methods use Excel files to check for dupes.

Latest Excel Versions

Latest versions of Microsoft Excel contain a feature called Conditional Formatting. It is found under the "HOME" tab – then "Conditional Formatting" – then "Highlight Cell Rules" – then "Duplicate Values". If this feature is selected, anytime a duplicate 10-10 number is entered in the column being checked, it will highlight the duplicate number in red.

Older Excel Versions

Older versions of Excel that do not contain Conditional Formatting can be used, however, it requires the column to be sorted (A to Z) and a visual check be done to spot duplicate numbers appearing below one another.

Steps to Check your File

Either method requires that you create a master file of all previously submitted 10-10 numbers. Some hams may feel this procedure is too complicated, however, once you create your file it is very accurate and easy to use.

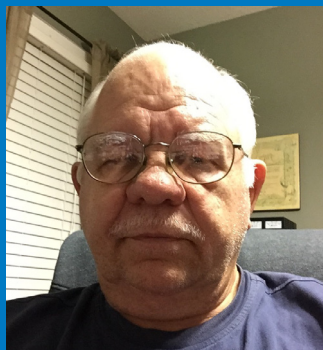
For new bar awards, create a new Excel file of 100 numbers to be submitted. Save this file then copy it into your master list at the bottom of the column. Check for dupes as described above. If you observe dupes in the master file, go the submission file and delete them. You will have to substitute new numbers to fill out the new submission file to obtain the required 100 contacts. Go back to your master file and delete the dupes. Save the master list for the next submission.

Bar Award Managers check not only the current submission for dupes but all previous submissions as well. The method described above is the same method used by the Awards managers.

When you submit your application for Bar Award, you may either use a Text File, a WIN1010 file, or an Excel File. This makes the Bar Awards Manager's job much easier.

If you are not sure how many bar awards you have, you can log into the 10-10.org website and go to the MEMBERS tab. Listed beneath this tab is INDIVIDUAL AWARDS which will list your bar awards information.

73, Marilyn, WM2W
1000+ Bar Awards Manager



QSO Parties

Dan Morris, KZ3T
(#41015)

2015 WINTER PHONE QSO PARTY

FEB 7- 8

TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. K0NM	75901	307	543	1157
2. N7WY	9565	274	441	989
3. N5MT	24949	298	332	928
4. KB5UNX	64337	308	310	926
5. WN6K	13067	262	239	763
6. N1API	25468	244	203	691
7. W9ROG	67454	172	346	690
8. DL8YBM	36109	186	295	667
9. WM2W	76400	171	317	659
10. KF6ILA	76253	206	174	586

CALL AREA ORDER

CALL AREA 0

CALL	10-10#	CTX W	CTX WO	TOTAL
N7WY	9565	274	441	989
W0HNV	2405	98	52	248
KD0CVZ	75507	53	17	123
W0VUB	593	28	7	63
KA0HZP	31562	22	18	62
KB0VVD	76047	23	12	58

W0RTV	13962	20	7	47
KB5ENP	68704	16	0	32
W0IE	71256	16	0	32
K0GOB	69079	6	10	22
KB0ARZ	48754	9	3	21
KC0VDY	72580	9	2	20
KB0QCR	69096	1	0	2

CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	244	203	691
KC1BTA	77110	62	38	162
W1AST	31324	32	24	88
KD6FEC	77131	29	8	66
W1SIX	35346	29	5	63
K1PU	33916	28	4	60
KC1AXJ	77232	19	4	42
W1VRY	76395	15	0	30
N1RLR	76619	13	0	26

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2SUH	407	51	10	112
KX1W	77163	34	14	82
K2DEG	1239	23	21	67
W2VTV	71275	27	1	55
W2RDS	72484	18	16	52
N2LEC	58183	20	4	44
N2VIG	75989	15	12	42
WA2HMM	40510	12	1	25
W2IUC	7860	5	0	10

CALL AREA 3

CALL	10-10#	CTX W	CTX WO	TOTAL
K3TC	33876	132	256	520
N3DUE	41066	33	2	68
WB3AXP	14464	5	1	11
K3URT	77112	5	0	10
KB3ORR	74883	2	1	5

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
WM2W	76400	171	317	659
KD4BVG	64773	93	270	456
KI4YYY	75326	90	140	320
KJ4RV	37776	69	35	173
KZ3T	41015	67	14	148
AD4RX	67754	53	4	110
K4EVS	26064	37	0	74
N5EEO	33552	31	9	71
KK4AMR	76031	23	24	70
KR4OE	62657	21	2	44
KB4WC	46140	15	13	43
WB4MM	76750	10	17	37
KT8TD	76538	14	4	32
N3GTY	50585	12	4	28
KJ4OFD	75796	11	2	24
KA5VZG	46596	10	0	20
K4BLL	76995	8	1	17
KW4BG	47350	8	0	16
KU4W	20986	7	0	14

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
K0NM	75901	307	543	1157
N5MT	24949	298	332	928
KB5UNX	64337	308	310	926
K5IZO	74728	171	118	460
W5TKZ	76490	88	54	230
N5XZ	4530	81	57	219
NS5R	36388	63	32	158
N5DTT	73679	50	19	119
WN5A	40840	48	21	117
AD5IF	73372	42	19	103
WD8JKV	20805	39	17	95
KM5FF	50356	39	13	91
KC5JAR	75877	31	18	80
KD5DE	33513	32	10	74
NW5Q	75793	29	14	72
K5CC	50708	25	10	60
KB5DQX	43610	26	5	57
KD5HIP	71476	26	5	57
N5WYR	62116	24	6	54
KG5DJS	77129	19	3	41
K5HGL	17149	12	8	32
K5GJQ	76862	16	0	32
KD5FBA	77047	11	3	25
K5HTB	75973	8	3	19
K9GEM	75992	6	4	16
KE5XV	51384	7	1	15
KD5ZD	37258	2	0	4

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
WN6K	13067	262	239	763
KF6ILA	76253	206	174	586
N6VOH	50925	79	62	220
WB6OJB	70675	80	46	206
KE6FQC	69047	74	34	182
KE6IRN	75337	73	30	176
AB6QM	63114	29	14	72
K6VMN	31623	28	7	63
WA6EJO	12346	25	0	50
AD6GE	36627	19	11	49
K6PGH	76945	23	0	46
K6BIR	68857	14	0	28
KF6ZYD	74147	12	0	24
K6JEB	74497	12	0	24

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
K7CWS	50288	167	140	474
AJ7T	71639	96	67	259
WY7KY	26727	81	90	252
KD7ZLF	75782	102	19	223
KE6K	26831	40	21	101
WA6LOC	77200	28	2	58
N7YU	72571	19	8	46
N7QOZ	62599	14	2	30
N7JB	13306	10	0	20
W7JSD	76248	3	1	7

CALL AREA 8

CALL	10-10#	CTX W	CTX WO	TOTAL
K8DEL	2978	171	147	489
KC8IM	31959	69	41	179
W8PJY	14574	40	10	90
K8IZK	73889	38	0	76
KJ8O	75942	12	3	27

CALL AREA 9

CALL	10-10#	CTX W	CTX WO	TOTAL
W9ROG	67454	172	346	690
NA9A	31121	104	72	280
WA9LJK	70789	40	42	122
WA9TSG	310	36	22	94
W9VHL	9597	28	34	90
KA9JCP	50609	21	24	66
K8VGL	76370	30	6	66
N9SND	77198	22	21	65
KB9STT	77043	11	2	24
WQ9T	35109	8	0	16
KU9V	77100	5	0	10

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
AD5IF	73372	42	19	103
KT8TD	76538	14	4	32

COUNTRY ENTRIES**ALASKA**

CALL	10-10#	CTX W	CTX WO	TOTAL
KL1JP	77233	13	0	26

AUSTRALIA

CALL	10-10#	CTX W	CTX WO	TOTAL
VK2MJV	38989	23	7	53

CANADA

CALL	10-10#	CTX W	CTX WO	TOTAL
VA7TEN	24752	171	141	483
VA2KF	76308	91	65	247
VE5BCS	42027	66	22	154
VE5KM	42005	51	10	112
VE2HAY	73620	23	25	71
VA2MO	75296	34	0	68
VE3MEW	31824	20	13	53
VA3GUY	15883	21	0	42
VE2GT	71022	5	1	11

EAST MALAYSIA

CALL	10-10#	CTX W	CTX WO	TOTAL
9W6EZ	76936	18	37	73

FRANCE

CALL	10-10#	CTX W	CTX WO	TOTAL
F6IRG	39399	81	40	202
F6BXQ	25912	38	13	89

GERMANY

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	186	295	667
DL6DK	39944	78	15	171
DK7LA	66048	58	5	121
DB9DF	74506	37	3	77

HAWAII

CALL	10-10#	CTX W	CTX WO	TOTAL
NH7PE	74456	7	2	16

HUNGARY

CALL	10-10#	CTX W	CTX WO	TOTAL
HA5OO	38336	32	29	93

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
NM5H	68588	298	332	928	N5MT
W1NRG	29650	244	203	691	N1API
W8PGW	74726	69	41	179	KC8IM
K6BB	77142	74	31	179	KE6FQC
DF0AG	74925	78	15	171	DL6DK/DB9DF
DF0VK	75885	78	15	171	DL6DK/DB9DF
DK0WKC	72700	58	5	121	DK7LA
KD5BZC	42114	32	10	74	KD5DE
PA6TEN	75925	33	6	72	PA2NJC
K1HAD	76332	28	4	60	K1PU
K4MN	24874	7	0	14	KU4W

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
KE7ZAC	76128	21	0	42	
WB4EHG	0	17	0	34	
KE5OBY	75040	12	7	31	
WN8QGV	77250	12	0	24	
KJ4VTH	0	10	0	20	
N3FJ	77255	9	1	19	
N5VDQ	0	7	0	14	
N0SMX	72727	6	2	14	
JA7BEW	0	5	1	11	
KD8HAM	76261	4	0	8	
OZ1D	17405	3	0	6	
YO3GNF	0	1	0	2	
7J6AAO	0	1	0	2	
K7JKM	0	0	1	1	

CHAPTER	LOGS	PTS
HOUSTON SHOT	17	4520
CASTLE CRAIG	4	1502
LONESTAR	3	984
NEANDERTHAL	3	811
ARIZONA DESERT	3	779
BRANDING IRON	4	590
CATT	2	579
NORTH GEORGIA	2	527
POSSUM TROT	8	356
REPUBLIC OF TEXAS	4	342
CITY OF LIGHTS	1	280
NEW WATERKANT	2	242
GATEWAY	4	221
STEAMBOAT	2	148
CHANNEL ISLANDS	2	113
NM MUD DUCKS	1	91
MILWAUKEE	1	66
BATTLE ROAD	1	63
BAY AREA	1	28
DOWN UNDER	1	28
ALOHA	1	16

W6OI #109 ON THE AIR

REPORT FOR THE 10-10 INTERNATIONAL CLUB STATION W6OI ending 03/01/15

W6OI was on the air for all the 10-10 QSO party events in 2014, and the recent winter phone contest held February 7-8, 2015. Band conditions are ever changing and you don't know how it will be unless you take time to turn on the rig and listen! Well don't just turn them on and listen. You got to make calls too.

I am mobile in Florida and made a number of contacts during the February winter phone party. I have to say that most of my contacts are made by first listening and then putting out a call for 10-10 members. I made a call the other morning (about 1400Z) and a couple stations from Germany came back! What a surprise since I heard nothing around most of the band. Come on everyone get excited

about making contacts and having fun on the band. Yes the band is not the best and conditions change day to day. But if you don't even try, then please do not complain that things are so bad.

I am usually on most mornings around 1400Z to 1500Z primarily around 28.355. And I try to hit some of the daily nets as time permits. Always someone on! Listen for W6OI around the band and modes and give a call! Catch me during the various 10-10 QSO Parties too.

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

Jerry Kopstein
W6OI License Trustee
8041 W. Lakeshore Drive
Burlington, WI 53105

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

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

Paper chasers working W6OI can request a list from Jerry, N9AC. It is available in ML format or just plain text. LOTW and eQSL are being updated 'slowly' with current contacts.

The 2015 W6OI – VE9TEN – DL0X special operational event is scheduled for NOVEMBER 21 AND 22. Mark your calendar now! Plan to participate for as short or extended as you like with any mode. Will be seeking 4 operators from each call area so we dominate the band from all regions, many modes, and throughout the day or evening.

WHY I LIKE TEN METERS

Back two cycles ago, cycle 22, I got the ten meter bug. Collecting Ten-Ten numbers, Chaganogo Ten, Ten-Ten net clubs and all. It didn't take long for me to collect my ten 10-10 numbers. Also I collected a few chapters. I just enjoyed the 10 meter band.

Driving in southern Alberta I discovered a bar with the name Ten-Ten. Being a 10-10 nerd, I entered the bar looking for some Ten-Ten coasters. The barmaid said I can do better than that and gave me a hat with Ten-Ten on it after explaining I belonged to a club named Ten-Ten International. The fellow next to me said to the barmaid, "I've been drinking here for twenty years and you never offered me a hat." She told him to keep drinking and he wasn't a member of Ten-Ten International. You see, Ten-Ten is a part of my life.

My post office box number here was not good enough to get our mail from the government. They said you don't live in a box. So the municipality had to number all the homes. It just tickled me that my house number is 1010 Highway 2 North now. I love it.

Usually if ten is not in I turn off the radio. When the cycle is low for an extended time I will try the other bands.

Ten meters helped me with cw. I would put the rig on the beacons, 28.150 to 28.300 while driving, tune in a signal and listen until I had it then move to the next beacon. These beacons are amazing. They use very little power and can be heard during the day. Ten-Ten has a cw contest and most of the fellows are nice cw operators. Unlike other cw contests they send at around 10 to 15 wpm, nice and slow. Come out and try the next one.

Ten is great for me as I am not a night person. I fall asleep around 9:00 or 9:30 p.m.. Ten can be worked with a small rig and mag mount on the vehicle. I heard a fellow on a trip who parked his car close to the hotel door and ran a wire out to the car from the rig in his room. A mag mount on the balcony will work when the sun spot numbers are up. I've operated ten from the Queen Mary dry docked in Los Angeles, the California QSO party from Del Norte County (5 watts) and aboard a cruise ship. I always meet the finest of people on our travels. By collecting Ten-Ten numbers it seems to give you a purpose to be on the air.

On one of my trips to Los Angeles N6OPR, Bob, knew we were coming and invited us to their regular Thursday lunch. What a treat. And they paid! I met close to 35 Ten-Teners. It was a blast. On a trip to Hawaii I had another Ten-Ten highlight. I let the Alii net know we were coming and I met them for lunch. Most Saturdays at 2200Z I check if Sam and the Alii crew can hear me. They do some days on 28.730 MHz.

Long live Ten-Ten International and cycle 24. - VE5BCS, Harold #42027.



Harold's homemade key and license plate,



ARTICLES

If you have a Ten-Ten related adventure/experience you think would be good to share with the other members of the Ten-Ten International organization, please send your story to editor@ten-ten.org.

10-10 SCHOLARSHIP FOUNDATION

SUPPORTERS

We encourage all of our members to support the 10-10 International Net Scholarship Foundation. Our goal for the 2014-2015 fiscal year is to fund four \$1500 scholarships entirely through member donations outside the dues structure. We achieved our goal for 2013-2014. The Foundation was created in 2001 and is a qualified 501(c)(3) tax exempt organization and contributions are tax deductible. Why not consider a donation as a Chapter or an individual in memory of a fellow ham or loved one? Dr. Arnold Kalan, WB6OJB, #70675 donated in the memory of Earl Clapp, KA6RFB, #59088. Doc told me that "Earl was a gentleman, friend and Iwo Jima Marine. He saw and did more in his lifetime than any three people." If you haven't donated before, we want you to know that all donations are appreciated and they do add up. When you make a donation to your favorite charity, why not make a donation to the 10-10 Scholarship Foundation. Mr. and Mrs. Keith Steinkamp sent a Christmas gift donation in the name of Patricia and Jeff Steinkamp, N7YG #65084. If you have an employer matching program, please let us know.

If you make a donation of \$15 or more you will receive the current year pin. For a donation of \$25 or more we will also send you one of the older 10-10 pins. 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 December, January and February, and we appreciate their support.

Platinum (\$1000 or more)

N5MT	Michael Davidson	24949
N8QXC	Joseph Mizik, III	76140

Gold (\$500 to \$999)

NM1W.....	James McHale	41721
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Silver (\$100 to \$499)

WB6OJB.....	Dr. Arnold Kalan	70675
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Bronze (Up to \$99)

WA7JCK	Merle Hutton	04111
W1ZE.....	Joseph Randall	07682
W4GEK.....	Alton Morris, Jr.	09861
WD4MUD	John Darden	46132
WD6CRG.....	James Hall	56469
WA0RXI	Ronald Moss	62341
KD4EFJ	Charles Walther	64712
N7YG.....	Jeff Steinkamp	65084

AD6AA.....	Michael Germino	68773
KD5HTB	Francis Gradjan	70925
N8KP	Gary Wick	72453
W1AS	Alan Clair	73131
KV2M.....	Mary Von Lintig	73174
N2MH	Mark Herson	73684
K5WSY	Don Thompson	76386
K1LYP.....	John Yusza, Jr.	77271

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.

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.

The four most recent winners are featured in the Fall issue of the 10-10 News.

Over the past 27 years, 10-10 has funded 99 scholarships valued at \$109,000.

Applicants must be licensed amateurs. There is no restriction on the course of study, but applicants must intend to seek at least an Associate Degree from a college or university. Non-U.S. amateurs and those seeking graduate degrees are also eligible, as well as students who study outside the United States. Completed applications must be received by FAR prior to **April 15th of each year**. Download an application from FAR's website: <http://www.farweb.org> or request an application from:

FAR Scholarships
P.O. Box 911
Columbia, MD 21044-0911

Meet The Volunteers

A year-long event to find and make contact with all of the people who devote time to keep 10-10 an active organization! The goal? Make contact with each of the following volunteers during 2015

AD4RX.....	Director
AJ7B.....	Newsletter Editor
G4BLH.....	Awards - GB
K0DBK.....	Awards - Counties
K1IEQ.....	Committee Member
K4QHH.....	Award Manager-Mobile & VP
K5BKT.....	Committee Member
K5CC.....	Committee Member
K5ERJ.....	Committee Member
K5FBS.....	Director
K6DNR.....	Net Control
W7CAR.....	Committee Member
K6RDK.....	Data/ Membership Manager
K7CWS.....	Net Control
K7PRZ.....	Committee Member
KA5OVO.....	Historian
KA5VVD.....	Committee Member
KC1BTA.....	Committee Member
KC8IM.....	Net Control
KD4BVG.....	Committee Member
KD5DE.....	President
KE1HG.....	Committee Member
KE6OIO.....	Net Control
KI6OY.....	Awards-CW
KM5EH.....	Director
KM5FF.....	Awards-WPX
KQ4PK.....	Net Control
KR7RK.....	Treasurer
KZ3T.....	QSO Party Manager
N0KDB.....	SK Manager
N0TW.....	Director
N1API.....	Committee Member
N3ES.....	Committee Member
N4WDT.....	Net Control
N5MT.....	Awards - DX
N6ELK.....	Net Control

N6OPR.....	Director
N7YG.....	Director
N9AC.....	W6OI Trustee
N9AVY.....	Secretary
NZ1I.....	Committee Member
VA7SJ.....	Committee Member
VE3MEW.....	Committee Member
W4GA.....	Awards-WAC
W4MAA.....	Committee Member
W5DJT.....	Committee Member
W9HT.....	Committee Member
WA2SUH.....	Vice President
WA6POZ.....	Past President
WB0CON.....	Awards - WAS
WB6OJB.....	Net Control
WB9WZI.....	Net Control
WD4EWB.....	Committee Member
WD8JKV.....	Director
WM2W.....	Awards – 1000+ Bars
WN4AMO.....	Director

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



THINGS AREN'T LIKE THEY USED TO BE – AND THEY NEVER WERE

The editorial by Ten-Ten President Mel Sojka, KD5DE, in the January 2015 issue of *TEN-TEN INTERNATIONAL NEWS* brought back memories from my days as a newly-minted general class ham in the early 1960s. His concern regarding “lack of courtesy, poor engineering practices, excessive power, and obnoxious signals” is certainly warranted, but the overall implication that this is something new is misplaced.

As a new ham in the sixties, I witnessed every one of those kinds of misbehavior that unfortunately taints our hobby from time to time. Those of us who were still in high school or college were frequently rebuffed by pontificating hams who told us that “no lids, no kids and no space cadets” were welcome when they were on the air. I was appalled by several round tables that appeared to have virulent racism as a main feature. Although the vast majority of hams were courteous and friendly, those who weren’t were easy enough to find then as now.

Poor engineering practices, including excessive power, aren’t new either. Did you ever hear the phrase “California Kilowatt?” In the late fifties and early sixties, several hams, mostly in California, ran modified broadcast transmitters at tens of KW output power to improve their competitiveness in DXing and otherwise. That’s where the phrase comes from. We all ran vacuum tube in our VFOs, so frequency stability was a common problem. When SSB became popular (more on this next), adjustment of SSB transmitters was sometimes difficult and spurious signals frequent.

Which brings us to obnoxious signals. When I first went on phone, the generally accepted mode was AM. SSB was new and had not yet become widespread. SSB signals were described by many as “that Donald Duck squawking.” It was viewed as obnoxious. The SSB of today is the growing popularity of digital modes and their unfamiliar “obnoxious” PSK signals.

Thanks to Mel for reminding us that courtesy, good engineering practice, appropriate power and clean signals are all hallmarks of what ham radio should be. Let’s keep in mind that his message is timeless and applies across the generations. It isn’t “their” problem. It’s our problem, and always was.

73, Frank Merceret, NA5CW #7733

THE COAX SNIFFER

If you are like me, you probably have numerous coax cables (RF pipes) from the shack running up to the skies. Many times I have run extra runs of RG-213 for an antenna experiment, only to leave them installed.

Coming back some time later, I have unmarked cable ends in the shack and at the sky (roof/tower). How to find which end goes where? I use a “Coax Sniffer”.

The Coax Sniffer is comprised of two parts: probe and power source (see Figure 1).

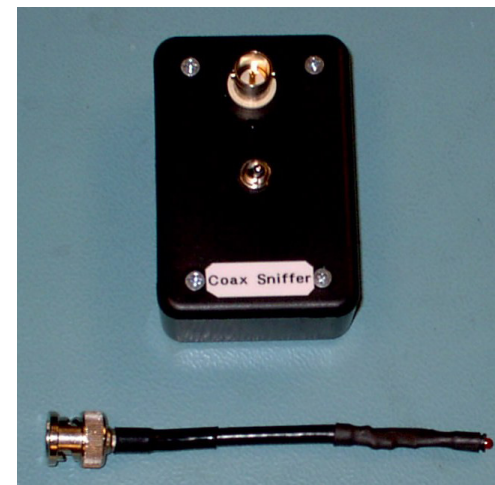


Figure 1 - COAX Sniffer

The Coax Sniffer is a simple project that can be accomplished in one evening; and a minimum expenditure for parts. The parts indicated are from two sources, Mouser and Radio Shack. They are NOT cast in stone, use what you have in the junk box.

The schematic for the power source is shown in Figure 2 and the probe is shown in Figure 3.

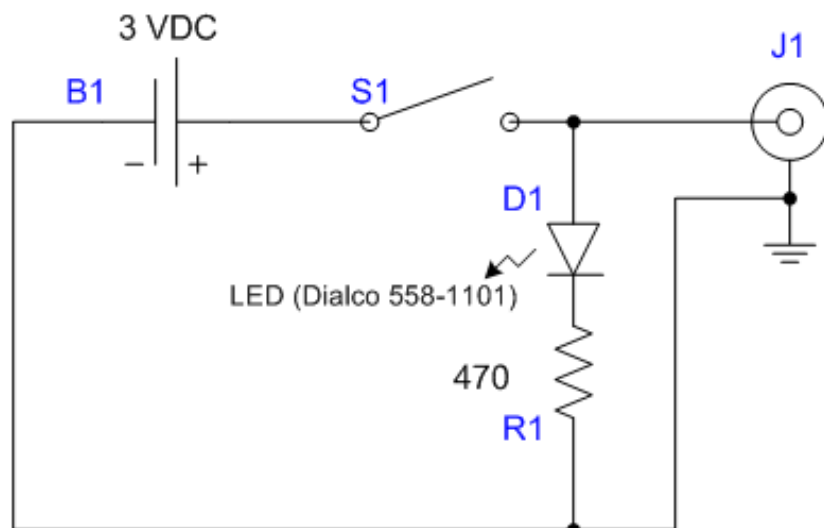


Figure 2 - Power Source

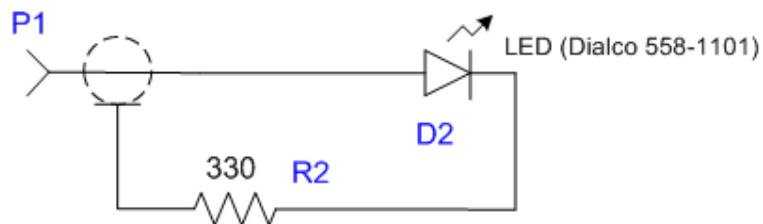


Figure 3 - Probe

The wiring for the probe, before covering with shrink tubing, is shown in Figure 4.



Figure 4

The wiring for the power source is shown in Figure 5. The battery holder is held in place in the bottom of the box using a small amount of silicon rubber.

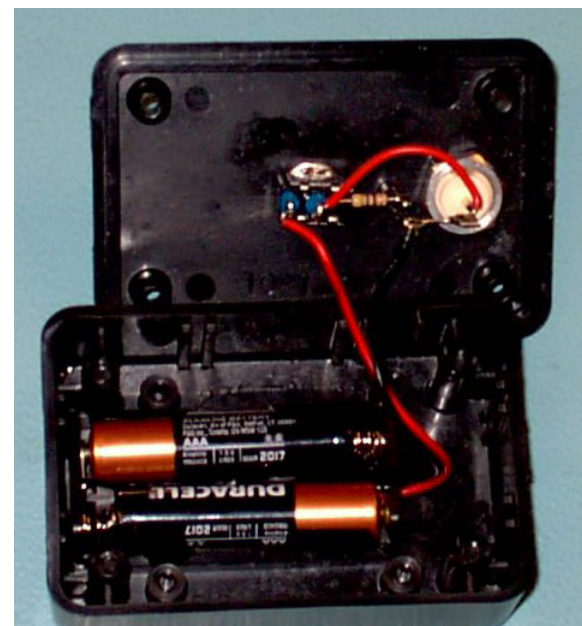


Figure 5 - Power Source

The procedure for finding the ends of the unknown cables that correspond to each other is simple. By use of adapters, as required, connect the power source to one end of an unknown coax cable. In a similar fashion, at the distant end, connect the probe to each unknown coax cable. When the LED illuminates, you have found both ends. Now tag the coax cable at BOTH ends.

The parts list is shown below:

B1: AAA Cells, 3 Vdc (Holder) Radio Shack 270-398B

D1, D2: LED (Dialco 558-1101, Mouser 645-558-110

J1: BNC Bulkhead connector, Mouser 523-31-10

P1: BNC Cable connector, Mouser 523-112348, and approx. 4 inches RG-58

R1: 1/4 W, 470 ohm carbon resistor, Mouser 588-OD471JE

R2: 1/4 W, 330 ohm carbon resistor, Mouser 588-OD331JE

Box: 3 x 2 x 1, Radio Shack 270-1801

73, Charles Rankin WA2HMM #40510

TEN-TEN AWARDS

To apply for any 10-10 Award, paid-up membership is mandatory. You are not required to send in proof as the Awards Manager has the current membership database. All contacts made for any award must be legal 10-10 contacts (a full exchange of Call, Name, QTH and 10-10 number from BOTH members). An application listing the rules for each award is available from the appropriate Awards Manager listed at the end of the award listings. Please send your request with a #10 (business size) envelope, self addressed and stamped with one unit of first class postage (or enclose one IRC for GB Award), to the Award Manager for the Award you are interested in obtaining. Please no phone calls to Award Managers for an application or list of rules. Contact requirements and rules for all Awards are available on the 10-10 website - www.ten-ten.org

TOP TEN HONOR ROLL

No.	CONTACTS	CALL	10-10#
1.	24600	WA5JDU	3017
2.	11700	K0PV	9902
3.	11200	DL8YBM	36109
4.	10900	N5XZ	4530
5.	10400	N1API	25468
6.	10000	K6PZE	1341
7.	9800	N5DAS	35877
8.	8800	AC6FU	10937
9.	8400	KF7PU	30021
10.	8200	K5FBS	48461

TOP TEN CLUB

No.	CONTACTS	CALL	10-10#
1.	10100	WD0SFT	37933
2.	4400	K6MQ	K6MQ
3.	2100	DL0X	DL0X
4.	2000	W8PGW	W8PGW
5.	1600	W1NRG	W1NRG
6.	1200	NM5MD	NM5MD
7.	1100	W4MNM	W4MNM

1000+ MILESTONE BARS

1000 BAR

NO.	CALL	10-10#
1576	DL0X	75555

2000 BAR

NO.	CALL	10-10#
570	KB9NZX	68570
571	W8PGW	74726
572	DL0X	75555

W.A.S.

NO.	CALL	10-10#
2487	K6NQY	74984

COUNTIES AWARDS

100 COUNTIES

NO.	CALL	10-10#
537	AE7BT	76815

COUNTRIES AWARDS

BASIC AWARD

NO.	CALL	10-10#
639	KD5DE	33513

35 COUNTRIES

NO.	CALL	10-10#
376	KD5DE	33513

45 COUNTRIES

NO.	CALL	10-10#
273	KD5DE	33513

55 COUNTRIES

NO.	CALL	10-10#
195	KD5DE	33513

65 COUNTRIES

NO.	CALL	10-10#
145	KD5DE	33513

75 COUNTRIES

NO.	CALL	10-10#
109	KD5DE	33513

80 COUNTRIES

NO.	CALL	10-10#
82	KZ3T	41015

145 COUNTRIES

NO.	CALL	10-10#
12	NM5H	68588

155 COUNTRIES

NO.	CALL	10-10#
12	NM5H	68588

CW AWARDS**25 CONTACTS**

NO.	CALL	10-10#
98	WA6OEF	15833

OM/XYL AWARD**50 PAIRS**

NO.	CALL	10-10#
75	KC8IM	31959

WPX AWARD**BASIC AWARD**

NO.	CALL	10-10#
383	AE7BT	76815

AWARD MANAGERS

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

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N5MT@aol.com
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kd5de@nwla.com
rabisch@hotmail.com
buckml@lobo.net
wb0con@comcast.net
elbble@gmail.com
g4blh@zen.co.uk



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
273	W1MGP	Samuel H Beverage - North Haven, ME
569	W0RHS	Jesse O Bostwick - Grand Island, NE
725	K0HOC	Alan D Mc Morris - Lincoln, NE
1682	WA9AWJ	Arthur R Mc Glothlin Sr - Milwaukee, WI
3174	K5SIV	Robert F Botik - Austin, TX
4134	W5DEO	Curtis L Sockwell - Portland, TX
7208	K7VY	Gary F Grant - Reno, NV
7272	NN5O	James A Carmody - The Woodlands, TX
8694	WB9CUB	James D Huffman - Freeburg, IL
9698	KC2LI	William F Hutchinson III - Poughkeepsie, NY
10606	WB8NRK	Bob J Frazier - Princeton, WV
11023	NM7A	Robert H Sawyer - Phoenix, AZ
11471	K3RXK	Anthony R Curtis - Laurinburg, NC
11625	N4OM	Benjamin D Wyse Jr - Chattanooga, TN
12667	WA2ZNT	Josephine Kehoe - Garfield, NJ
13451	W4WDH	Jonathan L Kirkman - Oxford, GA
13735	KB1H	Richard R Pechie - East Killingly, CT
13793	N1AV	Osman J Ladue - Springfield, MA
14895	NG9F	David M Campbell - Nashville, TN
14974	AI6V	Carl D Cook - Las Vegas, NV
15228	K0DM	Delbert L Mc Mullen - Lees Summit, MO
15331	W1HB	Robert H Whitworth - Palm Bay, FL
15856	WA6VOI	Robert P Fajardo - Petaluma, CA
16001	N0CM	Charles R May - Littleton, CO
16674	W3YJN	Joseph F Haigh - Springfield, PA
17844	W1MPO	Adwin J Rusczyk Sr - Wallingford, CT
18530	DJ9UN/N9UN	Werner Steinheuser - Kirchheim, GER
18766	K4DXA	Kenneth W Boyd - Mint Hill, NC
19436	N0ALL	Forrest L Colston - Walters, OK
19975	N0XO	William J Seifert - Osage Beach, MO
20258	KQ7Y	Shirlee J Moore - Lakeside, AZ
20579	AG1K	James A Di Sarro - Warren, RI

10-10#	Call	Name - City, State
22332	WB9STT	John A Robson - Schaumburg, IL
22374	KC9P	Raymond J Hassler - La Grange, IL
22436	W3ZKR	Robert C Pegge - Butler, PA
23699	K5AWD	William F Jones - Oklahoma City, OK
25162	K0TCQ	Kenneth E Barnes - Monroe City, MO
25390	WK8W	Donald L Bissell - Columbus, OH
25415	W1VEH	Benjamin B Blodget - Bucksport, ME
26177	WD4RIZ	Edward A Coates - Taylors, SC
27404	NA8S	David L Delie - Ocala, FL
28017	KB9LN	Robert J Milhone - Rockford, IL
29657	W1EHN	Edward H Nelson - Rochester, NH
30067	WE7I	Allan G Emmons - Tacoma, WA
30538	KA3DAB	Richard F Borig - Bel Air, MD
30552	K3QDV	John Heiss Jr - Saugerties, NY
31403	N7HK	Harvey J Keating - Salt Lake City, UT
31456	KA7HEC	Robert W Douglas Sr - Boulder City, NV
31773	WA2OQW	Cornelis J Keller - Hinsdale, NY
32304	WA4YRN	William H Behrends Jr - Pensacola, FL
32557	KD9XP	Edward W Ruehrwein Jr - Batavia, IL
33176	W9VKW	Albert H Gengnagel - Auburn, IN
34088	KA8MPH	Mary A Wagner - Clinton, OH
34668	KF5HY	Edward A Campbell - Houston, TX
35368	N1BPO	Gary N Stapleford - Londonderry, NH
35682	N7DES	Warren H Halversen Jr - Hillsboro, OR
35821	KF5BD	Jack W Page - Albuquerque, NM
37965	K3HM	Howard B Mark - Las Vegas, NV
38832	K4DTT	Howard G Russ - N Myrtle Beach, SC
39569	KA3MKF	Robert Dillon - Lansdale, PA
40198	WO7O	William E Whitney Jr - Quilcene, WA
40381	KA8PGV	Robert R Retherford - Huber Heights, OH
40644	W0WVO	Jerry K Fraser - Marine on St. Croix, MN
40651	K0VC	Donald J Mc Cuiston - Raytown, MO
40832	K5QBG	Earl H 'Sonny' Moore - Port Gibson, MS
41746	K1NEN	Norman E Nary - Northwood, NH
42323	N9DTG	Lucille M Schendera - Griffith, IN
42664	W0TEA	Alfred C Shippy - Abilene, KS
43292	KM4TV	Steven W Denton - Clarksville, TN
43498	KA0VTA	Jack L Karmann - Dixon, NE
44306	KF0NU	Dennis L Peterson - Duncombe, IA
44648	WB6DAC	Robert J Cowan - Costa Mesa, CA
44973	N7GYM	Leroy Nokleby - Salem, OR
45183	KA2VVO	Norbert Chwat - Forest Hills, NY
45321	N4RFV	Victor B 'Vic' King - La Follette, TN
45709	KB6SEI	Stanley L Clark - Pinole, CA
45908	W3WR	John F Fabian - Pottstown, PA

10-10#	Call	Name - City, State
46258	KA7ZZZ	Roger R 'Roy' Hyatt Jr - Rolla, MO
46338	N6SJR	Elvin L Mc Gowan - Fresno, CA
47221	K0HZW	Travis M Blackmore - St Louis, MO
47737	N8INT	Daniel E Klein I - Hillsboro, OH
48454	KC4FET	Cornelius W Schatzman - Edgewood, KY
49419	KN6QK	Giraude L Di Schino - Menifee, CA
49664	WB9GTW	Albert G Hunter - Janesville, WI
50257	KB7DBI	A Brent Rackham - Murray, UT
50316	NX5N	Stacy A Ware - Sheridan, TX
50737	KB4JEH	Berkley 'Berk' Ruiz - Winder, GA
50969	K6ASK	Robert L Mueller - Glendora, CA
51287	N1KEN	John F Kelley Sr - Rotunda West, FL
51322	K5LBU	Charles F Frost - Missouri City, TX
51500	SM5DGA	Jan Skoldenberg - Uppsala, Sweden
51643	WB8KMX	William F Pryor - Dayton, OH
52571	W2NLJ	Joseph D Moulton Jr - Highstown, NJ
53781	WA6KFA	Mary B Duffield - Santa Cruz, CA
54026	N5OND	Michael H Hildebrand - Lakeview, AR
54128	W3JXP	John E Passaneau - State College, PA
55266	K0GBZ	Rodger K Keiser - Quinter, KS
55633	NL7EX	Silas P Hagler - Coeur d'Alene, ID
57147	W5LRW	Louise R Wilson, - Alexandria, LA
57844	N1FUZ	Raymond H Bliss - Narragansett, RI
59088	KA6RFB	Earl E Clapp - Santa Ana, CA
60504	N3HEX	William H Moore - Waynesboro, PA
60664	WA2OKZ	Kenneth J Pietrucha - Toms River, NJ
61633	N1LOO	Beverly D Lees - Framingham, MA
62468	KB1ALX	Ronald S Haynes - Ware, MA
63236	K3PZ	Paul R Zora - Stuart, FL
63442	SM5BTX	Urban Eugenius - Vasteras, Sweden
63778	K7BDU	George F Thomas - Chehalis, WA
64129	WB6ANN	Rosanne K Mueller - Glendora, CA
64226	KF2ID	Benjamin Serman - Fair Lawn, NJ
65760	KQ9I	Daniel W Miller - Bloomington, IN
65880	KC6VIA	Hugh A Davis - Costa Mesa, CA
66289	N5XWB	Donald L Washburn - Sugar Land, TX
66416	W9FE	Jerome L'Jerry' Bough - Hebron, IL
66914	N9QP	David C Berry - Frankfort, IN
67063	WA5YRP	Earl E Wood - El Paso, TX
67099	KK5UO	Robert B Moore - Houston, TX
67650	W4GFA	George F Allgood Jr - Walhalla, SC
68384	N1VEG	Arthur Fontes Jr - Middleboro, MA
69534	N5ZAU	William D Greer - Jackson, MS
69805	DL1PT	Erika Kiewitz - Oberheimbach , GER

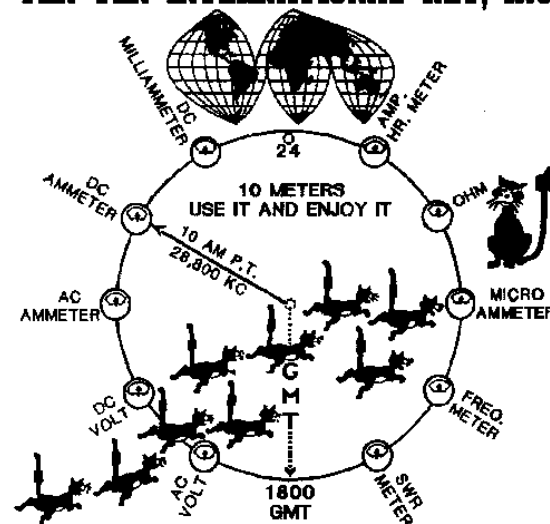
10-10#	Call	Name - City, State
69840	N3YNA	William H Hearst Sr - Wilkes-Barre, PA
70335	N1SON	William M Tracy - Abington, MA
74398	N5OL	Oda L'Larry' Traub - Edmond, OK
74678	KI4TGG	Charles H Smith - Wilmington, NC
74816	KE6HVV	Louis A Aguilera - Winnetka, CA
75733	KF5ARJ	Albert L DeMeulle - Aransas Pass, TX

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

73/88,

Ruth

TEN-TEN INTERNATIONAL NET, INC.



--- YOU HAVE TO MAKE CONTACTS TO GET RESULTS ---

WOULD YOU LIKE TO JOIN 10-10?

Here is what you need:

1. You must hold a valid amateur operator license.
2. Your valid amateur operator license MUST authorize or qualify you for unsupervised transmitting operations in the ten meter amateur band under your own personal call sign.
3. You must make contact with ten members of 10-10 and submit a log listing all contacts, their 10-10 number, call sign, name (as received off the air), date of contact, and QTH (state/province/country). The contact form and membership application is provided on the page that follows.
4. You must remit dues for one or more year's full membership. Fee schedule and payment information can be found in Section 2 of the page that follows.

TYPES OF MEMBERSHIPS

To become a member either fill out the form on the following page and mail to the Data Manager at the indicated address or go 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 years. For information refer to the "Life Membership Application" form on the web or contact the 10-10 Data Manager.

Senior Life Membership

Senior life membership is available to anyone who is currently 65 years of age or older. Payment can be made as one lump sum or within a one year period. For information refer to the "Life Membership Application" form on the web or contact the 10-10 Data Manager.

Family Life Membership is no longer available

Club Membership

Club membership is available to any Amateur Radio Organization which holds a valid Amateur Radio License. Application must be made by the club trustee. Dues are the same as the Primary member. No family or life memberships are available. Clubs have all the same rights and privileges as primary members except the right to vote in elections.

Electronic Membership

Electronic Membership is available to anyone who qualifies for any of the types of membership listed previously. Electronic membership means that all communications, including the 10-10 NEWS, from 10-10 to the qualifying member will be conducted via email distribution. The exception to this policy is when a member qualifies for a certificate from either one of the various QSO Parties or from one of the Awards programs.

MEMBERSHIP RENEWALS

Either fill out on the following page the top half of Section 1, including your 10-10 number and Section 2 and mail to the Data Manager at the indicated address or go 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

TEN-TEN QSO PARTY RULES

5.2 10-10 QSO PARTIES

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

5.2.1 WHO IS ELIGIBLE?

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

5.2.2 WHEN ARE THE QSO PARTIES?

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

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

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

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

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

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

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

Sprint - a 24 hour event held on October 10th (10-10).
0001 UTC through 2359 UTC.

Fall CW - held on the third full weekend in October.
0001 UTC Saturday through 2359 UTC Sunday.

Fall Digital - held on the second full weekend in November.
0001 UTC Saturday through 2359 UTC Sunday.

5.2.3 FREQUENCY AND MODES

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

5.2.4 ENTRY CLASSIFICATION

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

INDIVIDUAL: Includes single station operators and can also include OM/XYL teams or any families or groups of people using individual call signs and 10-10 numbers.

QRP: same as an individual as listed above except that output power does not exceed 5 watts with CW/Digital operations and/or 10 watts with Phone operations during the entire event.

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

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

5.2.5 TRANSMITTER INFORMATION

An operator may operate mobile, portable or fixed. If they change their exchange QTH during the QSO Party, the operator must show same in their log. The operator may enter a log from one call district, province, or DX country. Multi-transmitters (two or more transmitters operating simultaneously, sharing one call sign) are NOT permitted in any QSO Party. If a single transmitter becomes inoperable, it is permissible to change to a replacement transmitter.

5.2.6 EXCHANGE

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

5.2.7 QSO POINTS

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

5.2.8 CHAPTER SCORE ASSIGNMENT

Any entrant who is a chapter member and whose operating location is within 150 miles of the primary net location of that charter, may assign the entrant's score to that chapter.

TEN-TEN QSO PARTY RULES

QSO Party scores for the Sprint may not be assigned.

5.2.9 QSO PARTY ENTRIES

Logs shall be forwarded to the QSO Party Manager as identified in the 10-10 NEWS or on the 10-10 web site. It is strongly suggested that logs be sent as soon as possible after the close of the event. It is also recommended that DX logs should be sent AIR Mail to insure they are received in good time. Any logs received with a postmark date AFTER the deadline date will be handled as a check log. Any logs received more than 15 days after the entry deadline, regardless of postmark, will be discarded. All logs may be sent via Email. Logs (if cabrillo, adif, or text) may also be uploaded

at www.hamclubs.info/scorer/. Please no .Q95 files.

5.2.9.1 ENTRY DESCRIPTION

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

5.2.9.2 ENTRY DEADLINES

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

5.2.10 QSO PARTY RESULTS AND AWARDS

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

5.2.11 ANNIVERSARY and MEET THE VOLUNTEERS EVENTS

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

permitted, regardless of mode of contact. In both events, contacts must be made on the 10-meter band with any legal mode (AM, SSB, FM, PSK, CW, etc.). All submitted logs must contain only one entry for each 10-10 number contacted. Contacts MUST be listed in 10-10 number order and each entry must list the 10-10 Number, Date, Call, Name, QTH and Mode, in that order. These events are for Individual entries as described in section 5.2.4 and certificates will be awarded for the TOP Ten, however all entrants will be listed in the 10-10 NEWS. Logs MUST be postmarked no later than January 15th of the year following both the Anniversary and Meet the Volunteers events. Only members in good standing (with dues paid) are allowed to submit logs.

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

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

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

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

5.2.13 10-10 SPRINT (October 10) QSO PARTY

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

5.2.14 FOR MORE INFORMATION

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

2015 10-10 QSO PARTY COVER SHEET

Event	Dates	Postmark	Event	Dates	Postmark
Winter Phone	Feb. 7-8	Feb. 23	Summer Phone	Aug. 1-2	Aug. 17
Spring Digital	April 25-26	May 11	Sprint	Oct. 10	Oct. 25
Spring CW	May 2-3	May 18	Fall CW	Oct. 17-18	Nov. 2
Open Season	June 6-7	June 22	Fall Digital	Nov. 14-15	Nov. 30
Spirit Of 76	June 29-July 5	July 20	Anniversary (53)	Jan. 1 - Dec. 31	Jan. 15
			Meet The Volunteers	Jan. 1 - Dec. 31	Jan. 15

Name _____ Call _____ 10-10# _____

Address _____

City _____ State/Province/Country _____ Zip _____

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

PLEASE LIST CONTEST EXCHANGE

Call _____ Name _____ 10-10# _____ QTH _____

ENTRY TYPE

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

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

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

Claimed Score

Contacts WITH
10-10 Number: _____ x2= _____

Contacts WITHOUT
10-10 Number: _____ x1= _____

Total
Contacts: _____ Total Pts _____

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

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

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