



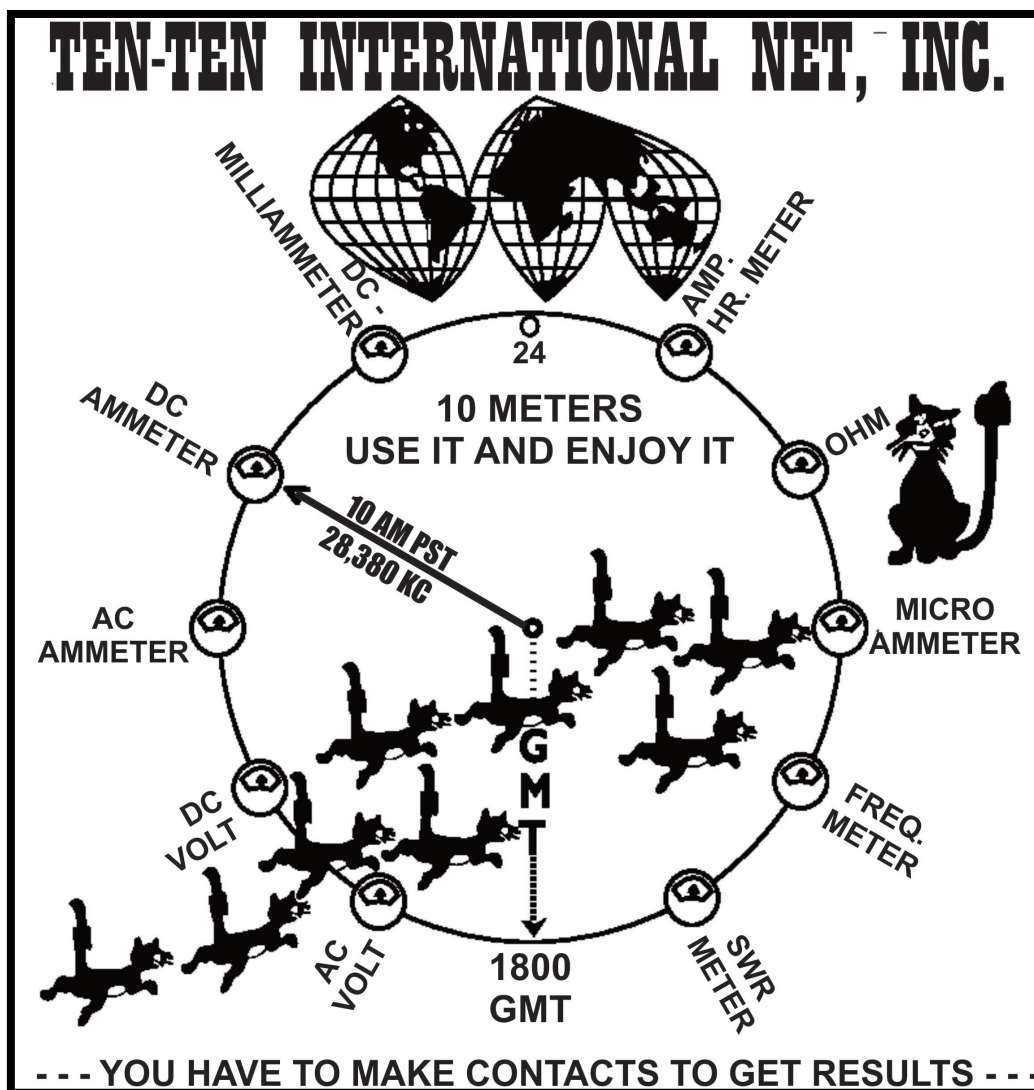
# TEN-TEN INTERNATIONAL **NEWS**



Member  
AMATEUR RADIO  
NEWS SERVICE

Volume 61 Issue 4

October 2023 (Fall)



Official Publication of the Ten-Ten International Net, Inc. - [www.ten-ten.org](http://www.ten-ten.org)  
Monitoring 28.380 and 28.800 MHz daily at 1800Z except Sunday

## The Ten-Ten International News

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

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

News items should be sent to the Editor. Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted must be typed, and 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. r or digitally printed photos as they cannot be used.

**DEADLINE FOR NEXT ISSUE: 1 December 2023**

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

**EDITOR Ten-Ten News**

**E-mail: [editor@ten-ten.org](mailto:editor@ten-ten.org)**

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

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

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

## CONTENTS

<a href="#"><u>Net Officials.....</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>From the Editor.....</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>From the President.....</u></a>	<a href="#"><u>4</u></a>
<a href="#"><u>2023 Board of Directors Meeting Minutes.....</u></a>	<a href="#"><u>4-5</u></a>
<a href="#"><u>New Life Members.....</u></a>	<a href="#"><u>5</u></a>
<a href="#"><u>Net Control Stations.....</u></a>	<a href="#"><u>5</u></a>
<a href="#"><u>Chapter News.....</u></a>	<a href="#"><u>7-8</u></a>
<a href="#"><u>Ten-Ten Net Guide.....</u></a>	<a href="#"><u>8</u></a>
<a href="#"><u>DX News.....</u></a>	<a href="#"><u>9-11</u></a>
<a href="#"><u>Antenna Safety Notes.....</u></a>	<a href="#"><u>11</u></a>
<a href="#"><u>Net Report.....</u></a>	<a href="#"><u>12</u></a>
<a href="#"><u>QSO Parties.....</u></a>	<a href="#"><u>13-18</u></a>
<a href="#"><u>10-10 Scholarship Foundation Supports.....</u></a>	<a href="#"><u>18</u></a>
<a href="#"><u>2023 Scholarship Winners.....</u></a>	<a href="#"><u>19-20</u></a>
<a href="#"><u>Meet the Volunteers.....</u></a>	<a href="#"><u>21</u></a>
<a href="#"><u>Ten-Ten Awards.....</u></a>	<a href="#"><u>22</u></a>
<a href="#"><u>Award Managers.....</u></a>	<a href="#"><u>23</u></a>
<a href="#"><u>10-Meter Beacons.....</u></a>	<a href="#"><u>23</u></a>
<a href="#"><u>Silent Keys.....</u></a>	<a href="#"><u>24-25</u></a>
<a href="#"><u>Remembering Bob - N6OPR.....</u></a>	<a href="#"><u>25</u></a>
<a href="#"><u>dB, dBi, and dBm.....</u></a>	<a href="#"><u>26-27</u></a>
<a href="#"><u>2023 QSO Party Schedule.....</u></a>	<a href="#"><u>27</u></a>
<a href="#"><u>Membership Information and Services.....</u></a>	<a href="#"><u>28</u></a>
<a href="#"><u>Ten-Ten QSO Party Rules.....</u></a>	<a href="#"><u>29-30</u></a>
<a href="#"><u>QSO Party Cover Sheet.....</u></a>	<a href="#"><u>31</u></a>

## OFFICERS AND DIRECTORS

### President

Dave Ruch, NF0J #19553 (2026)

PO Box 1110, Elephant Butte, NM 87935

(575) 495-9236 ..... [dave@nf0j.com](mailto:dave@nf0j.com)

### Past President

Mel Sojka, KD5DE #33513

353 Atlantic Ave., Shreveport, LA 71150-2909

(318) 286-2963 ..... [kd5de@ten-ten.org](mailto:kd5de@ten-ten.org)

### Vice President/Secretary

Ronnie Hull, W5SUM, #02019 (2024)

1855 Shady Lane Dr., Shreveport, LA 711118

(318) 550-8269 ..... [w5sum@comcast.net](mailto:w5sum@comcast.net)

### Treasurer

Keith Schlottman, KR7RK #63324

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

(520) 298-8488 ..... [keithschlottman@gmail.com](mailto:keithschlottman@gmail.com)

### Directors

Stephen W Wagner, W7WHB #77836 (2024) - Daily Nets

338 N Nevada Way, Gilbert, AZ 85298

(480) 857-6518 ..... [w7whb@arrl.net](mailto:w7whb@arrl.net)

Larry Berger, WA2SUH #00407 (2024) - QSO Parties

9 Nancy Blvd, Merrick, NY 01156-3119

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

Mark Steele, KD2NOM #77569 (2024) - Publicity-

1 Karen Court, Monroe Township, NJ 08831-4037

(732) 213-0159 ..... [kd2nom@gmail.com](mailto:kd2nom@gmail.com)

Marcus Lieberman, KM5EH #71103 (2026) - Awards

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

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

George Davenport, KM4ODS #77504 (2026) - Publications

201 Whitechapel Lane, Rockfish, NC 28376

(910) 774-0444 ..... [km4ods@gmail.com](mailto:km4ods@gmail.com)

Chuck Dockery, N7UQ #72774 (2026) - Chapters

112 S Rolling Meadows Dr. Wylie, TX 75098-5163

(469) 829-5462 ..... [chuck@n7uq.com](mailto:chuck@n7uq.com)

### General Counsel

Hugo Holland, KJ5SZ #77741

10008 Bedlington Court, Shreveport, LA 71118

No Phone ..... [dahugobrit@gmail.com](mailto:dahugobrit@gmail.com)

## NET OFFICIALS

**Chapter Coordinator**

Chuck Dockery, N7UQ #72774 (2026) - Chapters  
112 S Rolling Meadows Dr. Wylie, TX 75098-5163  
(469) 829-5462 ..... [chuck@n7uq.com](mailto:chuck@n7uq.com)

**Data Manager / Supplies**

David Smith, K6RDK #65812  
1349 Vernon Terrace, San Mateo CA 94402-3331  
(650) 504-4962 ..... [membership@ten-ten.org](mailto:membership@ten-ten.org)

**Editor 10-10 International News**

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

**Historian**

Phyllis Martin, K5PLH #77878  
1855 Shady Lane Dr  
Shreveport, LA 71118 ..... [Phillism06@gmail.com](mailto:Phillism06@gmail.com)

**Net Manager**

Stephen W Wagner, W7WHB #77836  
338 N Nevada Way, Gilbert, AZ 85298  
(480) 857-6518 ..... [w7whb@arri.net](mailto:w7whb@arri.net)

**QSO Party Manager/Certificate Manager**

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

**IT Manager**

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

**Scholarship Manager**

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

**SK Manager/Social Media Manager**

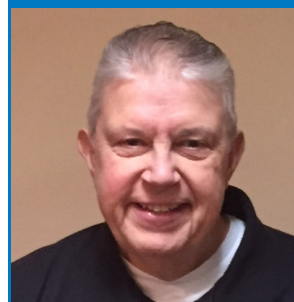
Mark Steele, KD2NOM #77596  
1 Karen Court, Monroe Township, NJ 08831-4037  
(732) 213-0159 ..... [kd2nom@gmail.com](mailto:kd2nom@gmail.com)

**Supplies Manager**

Mel Sojka, KD5DE #33513  
353 Atlantic Ave., Shreveport, LA 71150-2909  
(318) 286-2963 ..... [kd5de@ten-ten.org](mailto:kd5de@ten-ten.org)

**W6OI Station Trustee**

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



# From the Editor

Randy Mather, AJ7B  
(#7675)

Another three months have gone by and I haven't got much in my log in the way of 10-10 contacts. You can see for yourself when you look at the QSO Party results that Dan Morris posted in this newsletter. For the Open Season Party, I was able to make a whopping total of eight contacts. The Weak Signal Party was a bit more fruitful with 22 contacts. Participation was pretty low on that one. And to top off the last quarter, I was able to produce 0 contacts during the Summer Phone Party. I didn't spend a lot of time listening and calling, but the number of hours I did fire up the radio I heard nothing. Very disappointing. The propagation god was not looking favorably on the Northwest.

Some good news this time around. The Ten-Ten International Net Board of Directors have agreed to reactivate the 10-10 Club station: W6OI. If you are interested in operating using the club's station call (W6OI), contact Dave Ruch, the station trustee. Also read section 5.2.14 for more information associated with the club's station operation.

You will also find some sad news in this issue. Director Bob Farrow (N6OPR #45714) became a silent key. Unfortunately, I never got the opportunity to meet Bob in person, but I became well acquainted with him on the daily 10-10 net sessions. He seemed to be on the net every day, devoting many hours helping people understand what the 10-10 International Net organization was all about. In addition, he would explain to those not already a 10-10 member how to become a member and made every effort to get anyone on the net with a 10-10 number an opportunity to connect with the new person so he/she could collect the ten numbers needed for membership. When we did the Ten-Ten Top Operator Award each quarter, you would find Bob's call right after the Net Control category.

As 2023 comes to a close, there are three more 10-10 QSO parties in which we can participate. There are also the Anniversary and Meet the Volunteers events that are still active. So, mark your calendars and take a stab at seeing how many 10-meter contacts you can make before the beginning of the new year. I wish you all the best and hope you and yours are well.

In case I don't communicate with you before next year, Happy Thanksgiving, Happy Hanukkah, Merry Christmas, and Happy New Year!

Randy – AJ7B #7675



## From the President

David Ruch NF0J  
#19553

Greetings from Elephant Butte in the high desert of southern New Mexico.

I was able to attend the [Shreveport-Bossier Hamfest](#) in August. I discovered that Texas is a big state to drive across. At one time I drove over 150 miles without cell service! Also, Louisiana is hot and humid at 108 degrees. But I digress. It was an honor to meet Mel, KD5DE, for the first time. We spent much of the day talking about 10-10 and getting to know each other. Meanwhile Chuck, N7UQ, worked the booth. Several of our members were there, but I'll leave some out if I try to list them. Suffice it to say that Mel has gotten just about every ham in Shreveport to be a 10-10 member.

Soapbox: I have never liked the idea of modes like FT8 because they seemed like computer games, and I swore I would never try them. Well, I finally broke down and hooked my radio to a computer, loaded the software and gave FT8 a shot. You know what? It was fun. In just a couple of weeks I contacted all the states and 105 countries. I already have 49 states and 86 countries confirmed on LOTW. What's more, I live in a relatively rare grid so I get pileups every time I call CQ. Plus, I can eat lunch and read a book or attend a Zoom meeting while making all these contacts. Life is good! Or is it?

Some people call modes like FT8 advancing the art. Others call it dumbing down. I tend to lean toward the latter. But it really does not matter what I think. The trend is to make things easier (like removing the code requirement, but that's another story), and being humans, we tend to follow the easiest path. So, I ask you. As a new ham would you rather work for an easy DXCC or a harder to get 10-10 number? We are also competing with things like easy to do POTA which is extremely popular with new hams. We need to put our heads together to come up with a way to captivate new hams, or we will lose them to other choices.

As a reminder, each quarter we sponsor several operating events. This fall we have the 10-10 Sprint (on October 10), the CW QSO Party October 21-22, and the Digital QSO Party November 11-12. Check the web site for the rules and other information, such as the FT8 how-to video. We also plan to restart the W6OI Special Operating Event. Watch for announcements on email and the website. 10-meter activity is picking up, so let's take advantage of it. Even if you make only a call or two, turn in your log!

Since the early 1990s, Ten-Ten International has awarded college scholarships to amateurs around the world via the 10-10 Scholarship Foundation. This year's goal is to award \$2,000 scholarships to three deserving hams. Funding for the scholarships is through members' donations, so I encourage you to consider a donation to the foundation. Small donations are welcome, and I especially encourage those with lifetime memberships to get on board! Details about the 10-10 Scholarship Foundation and making donations are found in each issue of Ten-Ten International News. A history of the scholarship program by Larry Berger, WA2SUH, can be found in the October 2021 issue on page 10.

As most of you know, we lost Director Bob Farrow, N6OPR, on August 26th. Bob was a friend to many and a wonderful net ambassador for 10-10. We'll miss you greatly, Bob. RIP

CU on the air!

73

Dave NF0J #19553

## 2023 Board of Directors Annual Meeting Minutes

August 27, 2023

**Call to Order** 2200 UTC by President NF0J

Moment of remembrance of Silent Keys

### Roll Call

NF0J President Ruch

KD5DE Past President Sojka

WA2SUH Director Berger

KM5EH Director Lieberman

KM4ODS Director Davenport

N7UQ Director Dockery

Quorum established

Invited officials

KR7RK Treasurer Schlottman

K6RDK Data Manager Smith

KZ3T QSO Party Manager/ Certificate Manager Morris

Agenda Approved

All written reports were distributed prior to the meeting.

No Unfinished Business

Motion by KD5DE second by KM5SEH to appoint President Ruch as trustee of W6OI passed

Motion by KD5DE second by KM4ODS to re institute the W6OI special event on the 3rd weekend in November Passed

Motion by WA2SUH second by KM4ODS to create a historic honor roll listing in the news and on the website

It was moved that due to lack of interest and participation that the 10-10 QSL bureau be discontinued

The appointment of the 2024 Nominating Committee Chair was temporary tabled for further research

Treasurer Schlottman presented the financial report. It was reported that 10-10 was financially solid and that some of the assets could be used to promote 10-10 at hamfest and advertisement.

The 2024 Board of Directors meeting was set for May 26, 2024

By common consent Zoom conferences would be used to conduct business instead of emails.

President Ruch commented that there may be issues with the Covid crisis in 2024 and we should be prepared to have in place contingencies if this occurs.

Meeting Adjourned at 2338 UTC

Respectfully Submitted

KD5DE Mel Sojka

### 10-10 SCHOLARSHIP FOUNDATION ANNUAL MEETING

To meet the Foundation for Amateur Radio's schedule for awarding scholarships, it was necessary to take action prior to the traditional Foundation Annual Meeting, normally held in conjunction with the 10-10 International Net Annual Meeting.

On June 29, 2023 President Ruch sent out background information provided by Scholarship Manager Berger and entertained a motion to take action on awarding college scholarships for 2023.

Director Dockery made a motion to approve three \$2000 college scholarships to be awarded in 2023 by the Foundation for Amateur Radio on behalf of the 10-10 Scholarship Foundation. The motion was seconded by Director Berger and the motion was approved by a majority of the Board by email vote on June 30, 2023.

There being no other business, the meeting was closed by email vote on June 30, 2023.

## NEW LIFE MEMBERS

08798	N5KF	Robert G Redoutey	TX
46586	W5XL	David Lance	TX
58541	W3LU	William I Koch	MD
67155	WA1LAD	Gilbert D Woodside III	RI
68986	K4TF	John T Guthrie III	AL
70919	K6NCX	Neil S Fullagar	CA
71010	DL1KDW	Werner Doll	DX
74710	KC7YYB	Dawn S Humphrey	WA
75751	N4ST	James E Price	NM
77514	KF5RCC	David S Jeans	TX
78187	WB9KVI	Joseph T Edom	WI
78189	W2FMU	Ernest C Stedman III	GA

**10-10 Has One Official Daily Net**

**28.380 MHz**

**Net Starts At 1800z**

**Every Day Except Sunday**

**Listen And If You Can Hear Us Join IN!!!**

## 10-10 NET CONTROL STATIONS

**ALL NETS BEGIN AT 1800Z**

Mon (28.380)	Doc, WB6OJB	#70675	CA
Tues (28.380)	Ray, K7CWS	#50288	AZ
Wed (28.380)	Tim, K1IEB	#74965	TX
Thu (28.380)	Mke, V51MA	#64688	NAMiBIA
Fri (28.380)	Steve, W7WHB	#77836	AZ
Sat (28.380)	(OPEN)		
Alternate	(OPEN)		
Sunday	<b>NEVER ON SUNDAY</b>		

## NET CONTROL STATIONS NEEDED

Needed: Net Control Station for the 28.380 MHz Net at 18:00 UTC Monday-Saturday. If interested, contact Steve W7WHB via e-mail: [w7whb@arri.net](mailto:w7whb@arri.net)

## ARTICLES

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



Director Marcus Lieberman KM5EH #71103 manning the Ten-Ten Internaton Net booth at the ARRL Rocky Mountain Division Ham Convention.



*Were you first licensed 25 years ago  
and licensed today?*

**Then you should join the  
Quarter Century  
Wireless Association, Inc.**

**To Join or Renew, Visit:**

**<http://www.qcwa.org/join-renew.php>**

**For more information, please contact:  
om@qcwa.org**



## Chapter Coordinator

Chuck Dockery, N7UQ  
(#72774)

### GENERAL NEWS

- 1) **Update:** I did get a response from Route-66, Tango, Up the Crick, New Mexico Mud Ducks. Thank you very much for your reports. I also heard from Dave Walton for Speedway he says they are active in Germany, but I still have not received a report.
- 2) **Update:** Arizona Desert chapter has a new certificate manager in Stephen Wagner W7WHB and a new Chapter head in Ron McKee AJ7T. See website for changes and contact information.
- 3) **Reminder:** Please double check the TEN-TEN Net Guide to be sure your net(s) are listed correctly. If there are changes, be sure to let me know so I can update the list. Also, as I receive updates to your chapters I update the list on the website to reflect the latest correspondence. If you do not see the website updated after a couple days, be sure and wipe your cache in your browser so you have a clean updated page before visiting ten-ten.org.
- 4) **Quarterly Reports at Risk of Termination:** (no report in over a year): Down Under, Major League Baseball, Speedway. Castle Craig (last report 07/2022), Chesapeake Bay (last report 07/2022), Houston Shot (last report 06/2022), Louisiana Pelican (last report 06/2022), Milwaukee (last report 07/2022). If anyone has contact with any of these chapter heads or coordinators, please let them know we would like to see these chapters continue.
- 5) **Reporting:** [www.ten-ten.org/index.php/resources/ten-ten-documents/ten-ten-forms](http://www.ten-ten.org/index.php/resources/ten-ten-documents/ten-ten-forms) for a form to download or [www.ten-ten.org/chapters/quarterly-report](http://www.ten-ten.org/chapters/quarterly-report) to fill out and submit electronically. Be sure to notify IT Manager Jeff, N7YG, before using this easy-to-use form so he can add you to the Chapter Management Group. If you do not have internet access, let me know and I will send you a blank form that you can copy and submit. A responsible chapter official must report to the Chapter Coordinator. This is done quarterly. If there are no changes to the previous report, then the chapter can go on for up to a year without reporting. A report must then be made even though no changes have been made. These reports may be made via the U.S. Postal Service or via email. One of the reasons listed for termination of chapter is failure to

report four consecutive quarters (1 year).

6) **Chapter Reports:** I now copy all reports and other correspondence received from chapters to the chapter folders on the FTP site. If anyone needs access or copies of files you can ask Jeff N7YG for assistance or ask me for a copy. Main point is I am no longer keeping hard copies of anything related to chapters.

### CHAPTER NEWS

- 1) **Chief Seattle:** Still looking and hoping for someone to take on this chapter to assist or possibly take this chapter over.
- 2) **Branding Iron:** Chapter is still without a Chapter Head. Peter, DL6DK, has agreed to continue as CM, but we need someone to come forward to become CH. Anyone willing to do so, please contact Peter or me.
- 3) **Major League Baseball:** We lost a great one with Robert Farrow (Bob) N6OPR so now we need someone to come forward and take over this chapter.
- 4) **All chapters are asked to plan for succession of leadership.** To aid in such planning, IT Manager, Jeff, N7YG, has been setting up FTP accounts on the 10-10 server where chapters can save their data. All CH: contact Jeff for the details if you wish to take advantage of this opportunity. This is a good idea even for the redundancy of record keeping and in the event of a tragedy.
- 5) I will leave this next info the same unless someone tells me different then I will correct for the next newsletter. Chapters below accept email upgrades as of 2023. All the listed chapters generally need previous, new, and total points and seals claimed. Any transaction with the CM that requires that a certificate be issued, and most worksheet specials, should still be handled via US Mail. Also, it is good practice to keep a detailed listing of the upgrade in case the CM should require verification. This is especially true with Chesapeake Bay Chapter as some data was not transferred to the new certificate manager. Requirements peculiar to a particular chapter are noted. Also refer to above #4 for a records vault.

(\*\* indicates change)

**Bauxite** – CM K5BKT, k5bkt@nwla.com. Bauxite and Arkansas Visitor numbers only.

**Bay Area** – CM K6RDK, k6rdk@arri.net

**Branding Iron** – CM DL6DK, bic-cm@voits.de

**Castle Craig** – CM N1API, n1api@cox.net

**Chesapeake Bay** – CM N3TGB, n3tgb@aol.com

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

**Fort McHenry/Cornerstone/Yodar Kritch** – CM K3TUJ, k3tuj@juno.com

**Hanse** – CM DL5HAN, dl5han@t-online.de

**Houston S.H.O.T** – CM N5MT, n5mt@aol.com

**Louisiana Pelican** – CM N5MT, n5mt@aol.com

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

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

**Oregon Trail**– CH/CM K7QXG, k7qyg2@gmail

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

**Steamboat Plus** – CM KD5DE, kd5de@nwla.com

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

chuck@n7uq.com or

112 S. Rolling Meadows Dr. Wylie, Tx. 75098

469-829-5462

## TEN-TEN NET GUIDE

As of September 1, 2023

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0001	0100	Chesapeake Bay	Chestertown, MD	28345	WED	0100	0200	Cincinnati Area Ten Tuners	Cincinnati, OH	28430
SUN	1300	1400	Arlington	Arlington, VA	29200	WED	0100	0200	Houston SHOT	Houston, TX	28488
SUN	1400	1500	Neanderthal	Euskirchen, DL	28355	WED	0200	0300	10-Bar-X	El Paso, TX	28445
SUN	1800	1800	Major League Baseball	Gilbert, Az.	28380	WED	1400	1500	EU DX/Branding Iron/Hanse	Bergkamen, DL	28355
SUN	1900	2000	Oregon Trail	Dallas, OR	28330	WED	1930	1930	Route-66	Apopka, FL	28370
SUN	1930	1930	North Georgia	Atlanta, GA	28415	THU	0100	0100	Cow Town	Arlington, TX	28460
MON	0100	0100	Arizona Desert	Phoenix, AZ	28445	THU	0100	0200	Gateway	St. Louis, MO	28650
MON	0100	0100	Lonestar	Arlington, TX	28460	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	0230	0230	Windfarms	Livermore, Ca	28485
MON	0130	0230	Bauxite	Benton, AR	28470	THU	0230	0330	Up the Crick	Eugene, OR	28450
MON	1630	1730	Chief Seattle	Seattle, WA	28430	THU	1930	1930	Speedway	Rainier, OR	28350
TUE	0001	0100	Ft McHenry/Cornerstone/Yodar	Arbutus, MD	28370	FRI	0001	0100	Ft McHenry/Cornerstone/Yodar	Arbutus, MD	28370
TUE	0100	0200	Kritch CO Centennial/CO Frontier Gang	Lakewood, CO	28340	FRI	0001	0100	Possum Trot	Raeford, SC	28345
TUE	0100	0200	City of Lights	Aurora, IL	28150 CW	FRI	0001	0100	Steamboat Plus	Shreveport, LA	28430
TUE	0130	0230	Bauxite	Benton, AR	28470	FRI	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0130	0230	City of Lights	Aurora, IL	28720	FRI	2230	2130	Down Under (Summer in NZ is winter in US)	Auckland, ZL	28530
TUE	0300	0400	Bay Area	Hayward, CA	28475	SAT	1510	1610	Louisiana Pelican	Baton Rouge, LA	28450
TUE	0430	0430	Aloha	Hilo, HA	28490	SAT	1730	1730	Tango	Buenos Aires, LU	28650
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835						
WED	0001	0100	Castle Craig	Meriden, CT	28375						



## DX News

Mike Davidson, N5MT  
(#24949)

Welcome to the Fall DX season of the 10-10 DX News. The Sun has been producing more Sun spots that has kept the Solar flux high but high absorption conditions have kept Ten meters quieter than expected. We have seen little skip into Europe and Asia but only when the absorption numbers are below A=10 and K=2, and when the Sun is not showing big sun spots. There is a possibility that the High Pressure WX that is centered over southwest area of the USA is also causing less skip on Ten. My theory is this high pressure area is letting signals out of the area during the heat of the day and when it cools a bit at sundown, we see some skip into the Pacific. This may have been the reason we had such a poor Summer QSO Party the first weekend of August. Many members were only able to put one third of the QSO as compared to last years event! I only had 32 contacts all weekend with only 5 Q's on Sunday. This year is our 61st anniversary for 10-10, so find a members with a 61 in their 10-10 number and log them.

Now to update everyone of the Countries Award program. I have tested the OS program that was converted for us that stopped working in Windows 10. I have found a major problem with the OS data conversion that I can not fix. In testing I found missing QSOs with the converted OS files. Plus, the program that enters data is not saving the added QSOs and the print of that data is failing. Red Flag. When I go back and look at the new data entry, all the adds are missing so I do not see an updated record, plus I then can not print the old record, it appends. I had halted accepting new Countries Award applications in August. I was trying to get the old program to run under an old version of Windows XP, a try with Windows 7 & 10 failed. I was finally able to download XP on a PC and loaded the old Country data and it RAN! I had one pending application that I entered the data for Dan **KZ3T** #41015 and validated his 90 Bar the last day of August. Congrats Dan. I am now accepting all new Countries Award updates or new 25 country applications.

I have talked about my 10-10 data that I have logged over the past 44 years and especially now that Jim K4HAV, who wrote the Win1010 logging program, is now SK. There is a good chance that a Windows Microsoft update will cause the Win1010 program to stop working! Since I have over 17000 members in my log, I want to get more of the 10-10 awards that I

have not applied for out of my data. I started applying for more Bar awards and then I remembered that I had never paid attention to the OM/XYL teams that were saved in Win1010. Jim never coded a way to print an application for this award. But he hid a display of the teams that the program had found as you logged contacts. As a beta tester of his software, I had never found this display of the OM/XYL teams so I started looking for comments and found his hiding place. I found over 250 teams plus another 100 that were only one of the team members in my log. So, I filled out the first application and sent in my first 25. My first 10-10 data was back in 1979 so I was looking through a lot of SK members for pairs. I remembered my first VP volunteer member was easy to find, Grace K5MRU #218! But I had not yet found the hidden file that Jim had created in Win1010 so it made searching hard to find the teams for the application sheets. I knew that Grace was going to be my first team since I knew her OM was also in the log back in 1979. Grace was hard to get since she and I were both in Texas and short skip was tough but I had a good beam antenna and found George K5MRT #08135! After more teams were found and going a sequential search through my data, I created a spread sheet to keep track of my teams. When you get over 50-75 teams you tend to forget who you have turned in for credit so put your data in a spreadsheet, sort it by 10-10 number and look for the dups! This was another reason why Jim never programmed an OM/XYL tab to complete an application form for this award. It is complicated logic finding last names and addresses to prove you have found a team! I slowly increased my count of matching teams and after 150, I found the hidden file in Win1010 and my search got easier.

Thanks to Marcus **KM5EH** #71103 for sending me a confirmation of 225 & 250 OM/XYLs teams number 1.

OK now lets talk about some DX. The last three months have been the most disappointing period for Ten meter skip that I can remember. This reminded me of the bad skip to Bouvet Island that many DX chasers fussed about this past year. They had bad WX getting to Bouvet from the ship but getting a Ten meter signal from Bouvet to the US was tougher, as they only made two QSO's.

As I mentioned earlier, the Summer QSO Party had smaller logged entries in submitted logs this year and the solar flux was 176! We should have been talking into Europe for several hours that weekend! My friend Henry **DL8YBM** #36109 in Germany had only 52 members and 281 non-members in his log which was one half of what he had last year. Congrats to Henry for a first place in the event. Party results are posted in this issue and the 10-10 Website.

Members are fussing about the lack of skip even with the rise in the solar flux. The Sun gave us several solar flux highs last year but also several solar flares. Well, there have been many large sun spots this past quarter to cause bad propagation. I expect we may get more solar flares this year as we get closer to a solar maximum in 2024 or 2025!

One more DX bit of info from Maui, Hawaii. The fires on Maui on August 8th have affected as many as 61 ham ops. I was able to find the zip codes for Maui and Lahaina, then I was able to get a list of hams from the ARRL for these zip codes. I searched for and found two 10-10 members!

Francis NH6RW #49421 Tech license and Marcus KH7QM #70761 General class license. Both ops would have been in the hardest hit burned areas in Lahaina. Both ops are not on the missing published list and they did not have an email listed so I could not track down more info.

**Countries Award:** There were three Countries Award applications submitted this past quarter. One 90 Bar was issued but two others were rejected.

#### General 10-10 DX reported in the past quarter:

**3B9 Rodriguez Island.** Robert **3B9FR** #61550 was active in August on FT8 on Ten.

**4U United Nations.** The UN station **4U1UN** #55555, in the New York UN building, was heard in June and July.

**C6 Bahamas Island.** Joe **W8GEX** #41393 was using C6ADX in July on Ten for his 62nd trip. LoTW.

**CY0 Sable Island.** The DXpedition to Sable Island was from March 20-31. Dan **W4DKS** #5395 and John **W2GD** #14109 were the members. Website: [www.CY0S.com](http://www.CY0S.com).

**FJ St. Barthelemy.** Frank **K3TRM** #69974 was on in July as FJ/K3TRM. LoTW.

**FP St. Pierre & Miquelon Isl.** Eric **KV1J** #31247 has been active in June-July as FP/KV1J on FT8 but no SSB.

**OA Peru.** Ed **OA4SS** #10802 is back on the Air with his rig an dipole for Ten and Ed likes CW on 28028.

**V4 St. Kitts.** Gary **G0FWX** #49106, operated as V47FWX from Aug 12-26th on SSB. LoTW.

**V5 Namibia.** Mike **V51MA** #64688 was heard this summer on CW, SSB and FT8 on Ten. Mike lost his 10-10 number and logs a few years ago. Last year in November, I found his membership number and he got active on Ten again. So remember your 10-10 number it's yours for life.

**V7 Marshall Islands.** Bob **V7/N7XR** #26991 was on Kwajalein Atoll until June 22nd. His radio was an IC7410 into a dipole and vertical on CW or digital. Bob has been the only active radio operators on the Atoll.

**VP6 Pitcairn Island.** Meralda **VP6MW** #50434, is back on the air with fixes to her rig and computer for FT8.

**VP8 Falkland Isl.** Bob **VP8LP** #8854 was on SSB and FT8 from April to August. LoTW.

#### Upcoming DX & New 10-10 Activity:

**FJ St. Barthelemy.** Phil **K2LIO/FJ4WEB** #07746 is expected to be back on St. Barthelemy in October.

**H4 Solomon Island.** A DXpedition to the H4 is coming on November 15-29th with callsign H44WA. Only member is Tom **NU7J** #71381. Website: <https://www.H44WA.com>.

**KH8 Swains Island.** A DXpedition is going to Swains from October 4-17th. The only 10-10 member is Max **NG7M** #68542. Callsign is W8S from two separated camps with six stations total. Web: <https://Swains2023.com>.

**PJ7 St. Maarten.** Ed **N2HX** #25435 will be in PJ7 for fall contest like ARRL Ten using call PJ7PL. He was on St. Kitts with call V49R recently.

**TJ Cameroon.** A DXpedition from November 2- 15th will use callsign TJ9MD. The only member is Tony **IZ8CCW** #70101, team leader. This is rare 1010 DX. LoTW.

**TX Clipperton Island.** A large group of ops is going to Clipperton in January 2024 using call **TX5S**. Members are: Gene **K5GW** #15119, Paul **N6PSE** #68859 and Nodir **EY8MM** #52767, are experienced DX ops, so good luck. **HISTORY:** In 1985, FO0XX give us a new 10-10 country.

**V3 Belize.** Uwe **DL8UD** #70315, will be in Belize from September 6-14th. His new call will be V31KO or maybe V3O if they authorize his special request.

**ZL7 Chatham Island.** My friend Holger ZL3IO #22401 is going to Chatham Island for three trips later this year. First trip is September 15-28th to install equipment so he can come back and operate CQ WWDX SSB & CW in October and November. He will be off grid using solar power and batteries at his station on Chatham, so no high power with his special callsign ZL7IO. All QSO's will go to LoTW. Paper cards go to DK7AO.

#### Miscellaneous Items & Notes:

**TenTen Website:** <http://www.Ten-Ten.org>.

**Propagation forecast:** <http://www.solen.info/solar/>, [www.SolarHam.net](http://www.SolarHam.net) and <http://ARRL.org/Propagation>.

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

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

**DX:** <http://www.youtube.com/watch?v=k4dJcK-WVRw>. <https://Secure.Clublog.org/mostwanted.phphttp://ebarc.org/pdf/dx-entity-history.pdf>

**Ham Lookup various ways:** <https://Haminfo.tetranz.com/map>.

**Ham LoTW users:** <http://www.hb9bza.net/lotw-users-list>.

**NEW: WM7D Solar Values:** <https://www.wm7d.net/hamradio/solar/>

**FT8 Fox/Hound Video:**

<https://www.YouTube.com/watch?v=GcbtTKSRkus> <http://WWW.K7UA.com>.

**Propagation:** I expect the solar flux to range from 139-174 this Fall. The fall equinox is Saturday, Sept 23rd, it's the day of the year that has equal night and day times in both hemispheres. The Earth is not tilted, giving us the equal daylight in the USA. Cycle 25 started on November 17, 2019. There were a lot of sunspots visible on the sun this past quarter and X and M class flares increased the solar flux and bad skip accordingly. Sunspots are found by looking at the Sun and the flux is measured at 2.8 GHz.

The 2023 monthly **max** solar flux: January 234, February 215, March 188, April 176, May 180, June 180, July 179 and August 176. **Average 191.**

The 2023 monthly **min** solar flux: January 136, February 134, March 129, April 125, May 134, June 144, July 154 and August 139. **Average 138.**

**On September 1st, the solar flux was 140, the A index was 6 and K index was 3.** There have been sunspots on the Sun over the past eighteen months with increased solar flux up 15-30+ points. The USAF forecast for Sept 1st to Oct 15th is a range of 168-140 with average flux of 152.

**My Prediction:** Over the next four months, the best conditions on Ten could be: Sept 18-21st; Oct 15-18th, Nov 11-14th & Dec 8-10th. For the USA, expect a 40% chance of DX to Europe, Asia, S. America or Pacific. Use the beacons 28.175-28.300 MHZ to find if the band is OK and if it's closed for SSB, go to 28074 and FT8 for a Q.

**No new DX member joined in June to August 2023.** Stephan **DM4KA** #78183 was the last DX 10-10 issued and Vicki AD3I #78199 was the last member in August.

Thanks to the Daily DX by Bernie W3UR #25731 and the ARRL DX Bulletins. This DX News edition is my number 129th of DXing reports for the past 32 years. DX news to: Mike Davidson, 26274 Whispering Pines Ave, Denham Springs LA 70726 USA and Email: N5MT@aol.com .

**DX IS!** 73 Mike Davidson N5MT #24949  
Copyright © 2023 by N5MT

## ANTENNA SAFETY NOTES

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

**Total Disconnection:** During violent electrical storms, surges can enter the station equipment from several sources: the antenna lines, the AC power

lines, and ground. When dealing with surges, do not think in terms of complete electrical paths. A surge can charge components, cases, and chassis, and create high voltages across components that are designed for low voltages. Hence, during violent storms, do a complete disconnect.

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

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

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

1. What are the requirements for the tower base, including the concrete, rebar, excavation, etc.? Never under-support a tower at its base.
2. What, if any, are the guying requirements? If a tower is a guyed model, install the guying system to at least the manufacturer's standards. Be certain that guys are correctly and adequately anchored – and that they do not present a hazard to those who use your yard. If the tower can use a building support, be sure that building is up to the job. Most roof-line facial boards on a house are not.
3. Where does the tower go? Place it where it cannot hurt neighboring property (or people) if the tower and antenna fall under the worst conditions imaginable. Also try to place it where it will not hurt your own home and family if it falls.
4. Where do the feedlines go? Be sure that feedlines do not create either an electrical or a physical hazard for family members or visitors.
5. What are the codes? The more urban your setting, the more you may be subject to codes and ordinances that require permits, special requirements (for example, conduit for control voltages over a certain value), inspections, and, in some cases, licensed installers. Do not under any conditions bypass these requirements. Investigate in advance to know what you have to do and what it will add to the cost of the installation.



# Net Report

Bob Farrow, N6OPR (SK)  
(#45715)

## Net Report for 2nd Quarter 2023

### Monday Nets

----- 28.300 MHz -----			----- 28.300 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
3-Apr	27	3	4-Apr	0	0
10-Apr	6	0	11-Apr	0	0
17-Apr	12	2	18-Apr	0	0
24-Apr	5	0	25-Apr	0	0
1-May	9	4	2-May	0	0
8-May	0	0	9-May	0	0
15-May	19	0	16-May	9	0
22-May	0	0	23-May	0	0
29-May	5	1	30-May	0	0
5-Jun	7	1	6-Jun	4	0
12-Jun	0	0	13-Jun	2	0
19-Jun	0	0	20-Jun	4	0
26-Jun	0	0	27-Jun	4	0

### Wednesday Nets

----- 28.300 MHz -----			----- 28.300 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
5-Apr	25	6	6-Apr	0	0
12-Apr	25	6	13-Apr	0	0
19-Apr	0	0	20-Apr	0	0
26-Apr	5	0	27-Apr	21	11
3-May	2	0	4-May	0	0
10-May	0	0	11-May	0	0

### Tuesday Nets

### Wednesday Nets (cont.)

----- 28.300 MHz -----			----- 28.300 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
17-May	0	0	18-May	0	0
24-May	2	0	25-May	0	0
31-May	2	0	1-Jun	0	0
7-Jun	0	0	8-Jun	0	0
14-Jun	0	0	15-Jun	0	0
21-Jun	0	0	22-Jun	0	0
28-Jun	2	0	29-Jun	0	0

### Thursday Nets (cont.)

### Friday Nets

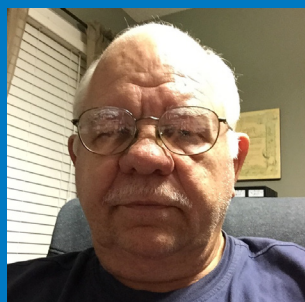
----- 28.300 MHz -----			----- 28.300 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
7-Apr	31	4	1-Apr	XXX	XXX
14-Apr	14	0	8-Apr	XXX	XXX
21-Apr	24	11	15-Apr	XXX	XXX
28-Apr	0	0	22-Apr	XXX	XXX
5-May	8	0	29-Apr	XXX	XXX
12-May	9	1	6-May	XXX	XXX
19-May	7	0	13-May	XXX	XXX
26-May	13	0	20-May	XXX	XXX
2-Jun	9	1	27-May	XXX	XXX
9-Jun	9	0	3-Jun	XXX	XXX
16-Jun	10	1	10-Jun	XXX	XXX
23-Jun	6	0	17-Jun	XXX	XXX
30-Jun	12	2	24-Jun	XXX	XXX

### Saturday Nets

XXX - NO REPORT RECEIVED

Editors Note: On August 26, Bob Farrow, 10-10 Board member and Net manager became a silent key. Bob was trying to recover from some heart problems and caught pneumonia. Bob was a long time supporter of the 10-10 International Net who welcomed and recruited hundreds of hams into our organization. Bob was an "on-air" voice of the organization. He will be sorely missed.

The Board of Directors has asked Steve Wagner (W7WHB) to fill Bob's board position and act as the Net Manger.



# QSO Parties

Dan Morris, KZ3T  
(#41015)

## 2023 Weak Signal QSO Party

July 8 - 9

### TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. KJ7AKV	77890	8	43	59
2. KA5VZG	46596	1	29	31
3. AJ7B	7675	3	19	25
4. WD4RCG	24871	0	28	28
5. KX1W	77163	0	4	4
6. N3GTY	50585	1	0	2

### CALL AREA ORDER

#### CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
KX1W	77163	0	4	4

#### CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
KA5VZG	46596	1	29	31
WD4RCG	24871	0	28	28
N3GTY	50585	1	0	2

#### CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ7AKV	77890	8	43	59
AJ7B	7675	3	19	25

### QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
N3GTY	50585	1	0	2

### LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ7AKV	77890	8	43	59
KA5VZG	46596	1	29	31
AJ7B	7675	3	19	25
WD4RCG	24871	0	28	28
KX1W	77163	0	4	4

### CHAPTER ENTRIES

CHAPTER	LOGS	PTS
CHIEF SEATTLE	1	28
POSSUM TROT	1	3

## 2023 Summer Phone QSO Party

Aug 5 - 6

### TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. DL8YBM	36109	52	281	385
2. ZL1WN	10339	74	152	300
3. N5XZ	4530	77	99	253
4. KJ5AKX	78186	16	44	76
5. K8DEL	2978	19	37	75
6. KM4ODS	77504	24	21	69
7. NC0B	74875	27	11	65
8. N5MT	24949	24	8	56
9. KB4LOA	78009	17	13	47
10. KD5DE	33513	21	1	43

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

CALL	10-10#	CTX W	CTX WO	TOTAL
NC0B	74875	27	11	65
KA0HZP	31562	5	0	10
K0GOB	69079	4	1	9
W0RTV	13962	4	0	8
KC0VDY	72580	2	0	4

**CALL AREA 1**

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	10	15	35
N1ZN	73599	4	3	11
WA1TRY	76786	3	3	9

**CALL AREA 2**

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	4	1	9

**CALL AREA 3**

CALL	10-10#	CTX W	CTX WO	TOTAL
WA3SRU	9052	3	0	6

**CALL AREA 4**

CALL	10-10#	CTX W	CTX WO	TOTAL
KM4ODS	77504	24	21	69
KB4LOA	78009	17	13	47
K4FET	77603	15	7	37
AK4YS	75328	15	2	32
WO4ROG	77815	12	1	25
WB4WXE	7010	8	6	22
NC4GK	77965	10	0	20
KI4W	62657	9	1	19
N1GNF	52418	5	4	14
WO4SFA	78067	0	14	14
KO4PK	60883	4	2	10

**CALL AREA 4 (Cont.)**

CALL	10-10#	CTX W	CTX WO	TOTAL
WB4MM	76750	3	0	6
KK4AMR	76031	2	1	5
KN4JUY	77955	2	0	4
N4CDJ	78131	2	0	4

**CALL AREA 5**

CALL	10-10#	CTX W	CTX WO	TOTAL
N5XZ	4530	77	99	253
KJ5AKX	78186	16	44	76
N5MT	24949	24	8	56
KD5DE	33513	21	1	43
AI5DQ	77907	15	4	34
W5SUM	2019	16	0	32
K5TFH	78045	15	0	30
KB5UNX	64337	11	4	26
KI5BHX	78049	12	0	24
KY4RJ	77910	10	1	21
KG5ZMQ	77628	10	0	20
KB5RD	77732	9	0	18
K5PLH	77878	7	0	14
KI5KOI	77853	7	0	14
KI5ELV	77743	6	0	12
KD5ILA	77652	5	1	11
AD5IF	73372	5	0	10
KM5FF	50356	5	0	10
KI5PUM	78021	4	0	8
W5BDX	43117	4	0	8
KM5EH	71103	2	0	4
NF0J	19553	2	0	4
AA5AH	78106	1	0	2

**CALL AREA 6**

CALL	10-10#	CTX W	CTX WO	TOTAL
K6DW	78157	1	0	2
N7WLC	63782	1	0	2

**CALL AREA 7**

CALL	10-10#	CTX W	CTX WO	TOTAL
KE6GFI	72985	10	8	28
N7QOZ	62599	1	0	2
N7YG	65084	1	0	2

**CALL AREA 8**

CALL	10-10#	CTX W	CTX WO	TOTAL
K8DEL	2978	19	37	75

**CALL AREA 9**

CALL	10-10#	CTX W	CTX WO	TOTAL
NA9A	31121	12	5	29
KC9TQU	77157	7	1	15
KC9EOQ	74609	4	1	9
NK9Y	37014	2	0	4

**GERMANY**

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	52	281	385

**NEW ZEALAND**

CALL	10-10#	CTX W	CTX WO	TOTAL
ZL1WN	10339	74	152	300

**LOW POWER**

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ5AKX	78186	16	44	76
KM4ODS	77504	24	21	69
N5MT	24949	24	8	56
KB4LOA	78009	17	13	47
KD5DE	33513	21	1	43
N1API	25468	10	15	35

**LOW POWER (Cont.)**

CALL	10-10#	CTX W	CTX WO	TOTAL
AK4YS	75328	15	2	32
W5SUM	2019	16	0	32
K5TFH	78045	15	0	30
KB5UNX	64337	11	4	26
WO4ROG	77815	12	1	25
KI5BHX	78049	12	0	24
WB4WXE	7010	8	6	22
KY4RJ	77910	10	1	21
KG5ZMQ	77628	10	0	20
NC4GK	77965	10	0	20
KI4W	62657	9	1	19
KB5RD	77732	9	0	18
KC9TQU	77157	7	1	15
K5PLH	77878	7	0	14
KI5KOI	77853	7	0	14
N1GNF	52418	5	4	14
WO4SFA	78067	0	14	14
KI5ELV	77743	6	0	12
KD5ILA	77652	5	1	11
N1ZN	73599	4	3	11
KA0HZP	31562	5	0	10
KM5FF	50356	5	0	10
KO4PK	60883	4	2	10
K0GOB	69079	4	1	9
WA1TRY	76786	3	3	9
KI5PUM	78021	4	0	8
W0RTV	13962	4	0	8
W5BDX	43117	4	0	8
WA3SRU	9052	3	0	6
WB4MM	76750	3	0	6

**LOW POWER (Cont.)**

CALL	10-10#	CTX W	CTX WO	TOTAL
KK4AMR	76031	2	1	5
KC0VDY	72580	2	0	4
KN4JUY	77955	2	0	4
N4CDJ	78131	2	0	4
NF0J	19553	2	0	4
AA5AH	78106	1	0	2
N7QOZ	62599	1	0	2
N7WLC	63782	1	0	2
N7YG	65084	1	0	2

**HIGH POWER**

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	52	281	385
ZL1WN	10339	74	152	300
N5XZ	4530	77	99	253
K8DEL	2978	19	37	75
NC0B	74875	27	11	65
K4FET	77603	15	7	37
AI5DQ	77907	15	4	34
NA9A	31121	12	5	29
KE6GFI	72985	10	8	28
KC9EOQ	74609	4	1	9
WA2HMM	40510	4	1	9
KM5EH	71103	2	0	4
K6DW	78157	1	0	2

**CHAPTER ENTRIES**

CHAPTER	LOGS	PTS
BRANDING IRON	2	770
HOUSTON SHOT	5	451
POSSUM TROT	13	359
STEAMBOAT	15	353
CATT	2	140
CASTLE CRAIG	4	90
GATEWAY	4	42
CITY OF LIGHTS	2	38
LONESTAR	1	26
NM MUD DUCKS	1	10

**CLUB ENTRIES**

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
DF0IA	68914	52	281	385	DL8YBM
K4MN	24874	24	21	69	KM4ODS
NM5H	68588	24	8	56	N5MT
W5RRV	42114	21	1	43	KD5DE
W1NRG	29650	10	15	35	N1API
WN5AIA	77623	16	0	32	W5SUM

**CHECK LOGS**

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
WN8Y	0	5	1	11	0
KR4I	0	5	0	10	0
K5SAR	77855	4	0	8	W5BDX
W7BGG	0	3	0	6	0

**2023 OPEN SEASON QSO PARTY****June June 3 - 4****TOP TEN**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
1. KD5DE	0	15	5	9	81

**TOP TEN (Cont.)**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
2. W5SUM	13	29	0	0	71
3. KD5ILA	0	10	2	8	58
4. N3GTU	0	7	4	6	50
5. KG5ZMQ	4	13	0	0	30
6. KM5EH	0	6	2	2	26
7. LU1BJW	1	3	0	4	23
8. KA5VZG	0	3	4	1	22
9. AJ7B	0	6	0	2	20
10. AB6QM	2	8	0	0	18

**CALL AREA ORDER****CALL AREA 1**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N1API	0	6	0	0	12

**CALL AREA 2**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
W2VTV	0	5	0	0	10
N2TPQ	1	2	0	0	5

**CALL AREA 4**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N3GTU	0	7	4	6	50
KA5VZG	0	3	4	1	22
WD4RCG	0	1	5	0	17
KZ3T	0	5	0	0	10
NC4GK	0	3	0	1	10

**CALL AREA 5**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
KD5DE	0	15	5	9	81
W5SUM	13	29	0	0	71
KD5ILA	0	10	2	8	58
KG5ZMQ	4	13	0	0	30

**CALL AREA 5 (Cont.)**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
KM5EH	0	6	2	2	26
KM5FF	0	5	0	0	10
K5PLH	0	4	0	0	8
N5PTA	1	3	0	0	7

**CALL AREA 6**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
AB6QM	2	8	0	0	18

**CALL AREA 7**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
AJ7B	0	6	0	2	20

**ARGENTINA**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
LU1BJW	1	3	0	4	23

**LOW POWER**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
KD5DE	0	15	5	9	81
W5SUM	13	29	0	0	71
KD5ILA	0	10	2	8	58
N3GTU	0	7	4	6	50
LU1BJW	1	3	0	4	23
KA5VZG	0	3	4	1	22
AJ7B	0	6	0	2	20
AB6QM	2	8	0	0	18
WD4RCG	0	1	5	0	17
N1API	0	6	0	0	12
KM5FF	0	5	0	0	10
KZ3T	0	5	0	0	10
NC4GK	0	3	0	1	10
W2VTV	0	5	0	0	10
K5PLH	0	4	0	0	8

**LOW POWER (Cont.)**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N5PTA	1	3	0	0	7
N2TPQ	1	2	0	0	5

**HIGH POWER**

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
KG5ZMQ	4	13	0	0	30
KM5EH	0	6	2	2	26

**W6OI #109 ON THE AIR**

W6OI has a new trustee! This change just happened, so look for more from here in the future.

The 10-10 Club Station, W6OI, is available for operation to any current (dues paid) member or chapter for use as a special event station. W6OI is also available to any current member who would like to operate W6OI during any of the 10-10 QSO Parties. Just send your request along with confirmation of license and paid-up membership to the following or via email (dave@nf0j.com):

Dave Ruch, NFØJ, PO Box 1110, Elephant Butte, NM 87935

73, Dave

## 10-10 SCHOLARSHIP FOUNDATION SUPPORTERS

We encourage all of our members to support the 10-10 International Net Scholarship Foundation. Our goal has always been to fund our scholarships entirely through member donations. At the Scholarship Foundation meeting in July, the Foundation Board voted to guarantee the funding for three \$2000 scholarships this year. The Foundation was created in 2001 and is a qualified 501(c)(3) tax exempt organization and contributions are tax deductible. Why not consider a donation as a Chapter or an individual in memory of a fellow ham or loved one? If you have an employer matching program, please let us know. This quarter Taras Sochan, K2ERD #74082 made a donation and it was matched two to one by his employer. If you haven't donated before, we want you to know that all donations are appreciated and they do add up. At the time you make a donation to your favorite charity, please consider a donation to the 10-10 Scholarship Foundation

If you make a donation of \$25 or more you are eligible to receive one of the historic 10-10 pins. As more and more members have told me not to send a

pin and want the maximum amount of their donation to go to the students, if you have made a qualifying donation and would like a pin, please contact me at wa2suh@aol.com. To pay by credit card see payment information on our website or send your check to me or the Data Manager. Our addresses can be found on Page 28.

The members listed below became 10-10 Scholarship Foundation Supporters during the months of June, July and August and we appreciate their support.

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

N5MT ..... Michael Davidson ..... 24949

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

\*K2ERD ..... Taras Sochan ..... 74082

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

None

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

W6GZG ..... Richard Kalman ..... 18023

WB3IPE ..... Rod Hackman ..... 24505

N4JED ..... David Jones, Jr. .... 49049

WC5WM ..... Carl Hacker ..... 61397

\*Including employer match

**10-10 SCHOLARSHIP APPLICANT INFORMATION**

Each year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, funds three \$2000 scholarships, which are administered on our behalf by the Foundation for Amateur Radio (FAR). It is suggested that every 10-10 member encourage qualified college-bound amateur radio operators to take advantage of this opportunity. Over the past 36 years, 10-10 has funded 136 scholarships valued at \$183,000.

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

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

## 10-10 International Net, Inc. - 2022 Scholarship Winners

The 10-10 Scholarship Foundation winners for 2023 are Hope Lea, Gary Pike, and Patrick Pike. The Pike family has been well represented over the years as recipients of our scholarships. Dad Gary is a winner this year and also won in 2014 and 2022. His wife Anna won in 2022. Their son Patrick is a winner this year and also won in 2018 and son Collin received our scholarships in 2013 and 2020. They are a most active ham family and as you can see continuing education is very important to them.

Larry, WA2SUH #407, Scholarship Manager.



I am Hope Lea, ND2L from Palm Coast, Florida. I cannot tell you how grateful I am for your sponsorship! I was overwhelmed these past several days with getting ahead in my coursework before I leave for the missions described below. Knowing that someone has taken the effort to support my goals has given me the motivation I needed to succeed. You have lifted a burden and have encouraged me to keep the missions going. For that, I thank you far more than these words express.

There are several missions. Of course, my education is one of these long missions. I began my bachelors program taking classes in-person at Embry-Riddle Aeronautical University in Daytona Beach, Florida. Today, I am one step closer to earning my electrical engineering degree with a minor in physics from ERAU. Eventually I plan to continue my studies at medical school and become a doctor.

One of the shorter missions, Project PoSSUM, begins in late September. PoSSUM stands for Polar Suborbital Science in the Upper Mesosphere, and it is by the International Institute for Astronautical Sciences. I am enrolled in their Fundamentals of Astronautics program, which will train me how to work in zero-g and high-g, how to perform remote sensing research, how to work in a spacesuit, and more skills required to become an astronaut. I am very excited about this, as it will train me the basic skills required to be an astronaut one day and will give me the chance to prove my capabilities to the space community.

Another mission is a "return to Mars." Last year I was chosen to be on a team of seven international students to live for a week at the Mars Desert Research Station in Utah. There, we lived in a sealed habitat and went outside only in EVA suits, simulating a mission to the surface of Mars. This year, we are returning to MDRS in October to perform individual Mars-related research, which may be published. I built the first amateur radio station "on Mars" and left it on site last year, so I will be continuing to utilize it. Additionally, as Crew

Researcher/Communications Officer, my research naturally relates to radio. I am building a remote weather station with a mesh network, which will bring the data to a log at the lab. "Watched the sunset from the Martian surface..." One day, when I achieve my dream of becoming an astronaut, this may be one of my mission logs. While the journey to Mars may take only a few months in a rocket, my journey as a student has already begun.

A great deal of studying is in my future, but I love to learn and love science! This was of course encouraged by my involvement in amateur radio. I live in Palm Coast, Florida, with my family, who are all hams. The six of us have had fun in ham radio since I got my license at eight years old! From the first day I had my license and made my first contact over a satellite, I fell in love with space! I became highly involved in satellites and continue to enjoy them today. I also love contesting; building antennas and go boxes; and DXing, including becoming the DX! I went on to earn my Extra class at nine years old, and I continue to engage in operating events with the ERAU Amateur Radio Club on campus. With the ERAU ARC, I have a mission to bring an ARISS contact to local middle schoolers and to encourage the next generation of hams and STEM students. There are so many missions – so many steps left to take, and I am so excited to see where my journey will lead!



My name is Gary Pike, KA4KBX and I currently reside in Roanoke, AL. I am writing to express my sincere gratitude for being selected as a recipient of the scholarship from the 10-10 Scholarship Foundation. As a non-traditional student at Auburn University, I am pursuing a degree in Electronics and Cybersecurity Engineering with a particular focus on researching methods to prevent infrastructure attacks, primarily by utilizing electronic and radio frequency side channel attacks and their countermeasures.

My journey into the world of amateur radio began during my pre-teen years when I was mentored by a neighbor. Since then, I have been an active amateur radio operator. Throughout my life, I have dedicated my time to volunteer work, particularly in public service events, alongside my local radio club. My volunteer roles have included supporting bike rides, participating in search and rescue missions, contributing to Skywarn activities, and engaging with organizations such as ARES, MRC, CERT, and more recently, facilitating online testing for ham radio license exams.

My commitment to the amateur radio community extends to my family as well.

I am proud to share that my wife and three sons are all Extra Class operators, and together, we find joy in volunteering as a family. We also eagerly attend several Hamfests each year, including the Dayton Hamvention, where we actively participate as volunteers. Additionally, we are active members of multiple area clubs and engage in various club activities, contests, and field days as a united team.

One of my most significant contributions to the amateur radio community has been through proctoring exams for amateur radio licenses. I have proctored over twenty thousand exams. This includes proctoring exams not only in person but also online. My involvement in this capacity has allowed me to interact with well over twenty thousand applicants throughout the years. I have had the privilege of working with various organizations, including Laurel VEC, W5YI, Anchorage, CaVec, and others, to facilitate these exams.

In addition to my commitment to licensing exams, I have a deep passion for contesting, Field Days, and any opportunity to connect with fellow hams worldwide over the airwaves. However, what resonates with me most is the act of giving back to the ham radio community, whether through volunteering or mentoring. I derive immense satisfaction from contributing to this vibrant and welcoming community.

Once again, I extend my heartfelt appreciation to the 10-10 Scholarship Foundation for this scholarship opportunity. It will undoubtedly provide valuable support as I continue my educational journey and research endeavors in the field of Electronics and Cybersecurity engineering.



My name is Patrick Pike, KJ4AXD from Roanoke, Alabama and I would like to start by thanking you for the 10-10 scholarship award that you gave me. I wish I could tell you how happy I was when I found out that I won the scholarship; let's just say I was excited. I was also fortunate to be a recipient of a 10-10 Scholarship in 2018.

I am embarking on my junior year at Auburn University's Harbert College of Business as I pursue a degree in Business Management. My educational journey commenced at Southern Union State Community College, a decision I'm genuinely grateful for. This initial path has provided me with a strong foundation, enhancing my readiness for Auburn. I also completed a Bachelor Degree in Ecological Engineering at Auburn. I am considering continuing with my education toward a Masters and Doctorate.

During my time at Auburn University, I've been excited to continue my exploration of ham radio, which has been a significant part of my life. Auburn boasts a vibrant radio club, and I am concurrently pursuing a minor in electronics, which I believe will complement my academic pursuits. I have been the President of the American Society of Agriculture and Business Engineers and participated in the Engineers Council.

I am also working at Mohawk Industries as a Tie In Operator to get a feel of the company and hope to move up in the company in the business side or engineering side

My journey in ham radio began at the young age of ten when I earned my technician license, swiftly advancing to achieve Extra class within a year. I find great enjoyment in activities such as Field Day, HF, and 6 meters. I come from a big ham family. My dad is Gary, KA4KBX, mom is Anna KD4PCU and my brother Collin is KJ4AXB.

Additionally, I have a strong commitment to volunteer work, including contributing to the success of events like Dayton Hamvention, collaborating with individuals like Mike Buehler, and actively engaging in local initiatives with the Rotary Club, my church, SGA, and the local ham radio club. I am also proud to be an Eagle Scout.

I am eagerly looking forward to the academic and radio-related adventures that lie ahead during the remainder of my college years and beyond. Thank you again for the generous funding.

# 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 2023

AJ7B, Randy.....	Editor	N1API, Al .....	Committee Member
G4BLH, Mike .....	Awards - GB	N3GTY, Bill .....	Committee Member
K1IEB, Tim.....	Net Control	N5MT, Mike.....	Awards - DX
K5BKT, Peg .....	Committee Member	N7UQ, Chuck, .....	Awards - VP WAS
K5PLH, Phyllis.....	Historian	N7YG, Jeff .....	IT Manager
K6RDK, Dave .....	Data/ Membership Manager	N9AC, Gerald .....	W6OI Trustee
K7CWS, Ray .....	Net Control	NF0J, Dave .....	President
KC4HIT, Mark .....	Awards - Counties	NP2MR, David.....	Committee Member
KD2NOM, Mark .....	Director	NS6X, John .....	Committee Member
KD5DE, Mel.....	Past President / Supplies Mgr	NZ1I, Kevin.....	Awards – WAC
KE0MIZ, Rob.....	Awards - 1000+	VA7GY, Garry .....	Committee Member
KF4WKY, Mike.....	Net Control	W0FLZ, Paige .....	Award - Mobile
KG5RJ, Greg .....	Committee Member	W5DJT , David .....	Committee Member
KI5ELV, Thomas .....	Awards - VP Bars	W5SUM, Ronnie.....	Vice President / Secretary
KI6OY, Lee .....	Awards-CW	W7WHB, Steve.....	Director
KJ5SZ, Hugo .....	General Counsel	W9HT, Joshua .....	Committee Member
KM4ODS, George .....	Director	WA2SUH, Larry .....	Director
KM5EH, Marcus .....	Director	WA4KUP, Brad .....	Committee Member
KM5FF, Ed.....	Awards-WPX	WB0CON, Eva .....	Awards – WAS
KR7RK, Keith, .....	Treasurer	WB6OBJ, Arnold.....	Net Control
KZ3T, Dan.....	QSO Party Manager		

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

## THE AMATEURS CODE by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

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

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

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

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

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

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

# TEN-TEN AWARDS

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

## TOP TEN HONOR ROLL

No.	CONTACTS	CALL	10-10#
1.	24600	WA5JDU	3017
2.	11700	K0PV	9902
2.	11700	N5XZ	4530
4.	11400	DL8YBM	36109
5.	10700	N1API	25468
6.	9800	N5DAS	35877
7.	8800	AC6FU	10937
8.	8200	K5FBS	48461
9.	8100	WB3FGU	16728
10.	6400	AA1KS	56510

A list of Top bar award recipients who are now Silent Keys can be found on the website under the Activity Tab.

## TOP TEN CLUB

No.	CONTACTS	CALL	10-10#
1.	4400	K6MQ	71487
2.	3700	DL0X	75555
3.	2100	W8PGW	74726
3.	2100	VE4WSC	50470
5.	2000	W1NRG	29650
6.	1300	WB2HIW	38770
7.	1200	NM5MD	72385
7.	1200	W4MNM	75450

## 1000+ MILESTONE BARS

### 2000 BAR

NO.	CALL	10-10#
573	W1NRG	29650

### OM/XYL AWARD

#### 75 PAIRS

NO.	CALL	10-10#
31	N5MT	24949

#### 100 PAIRS

NO.	CALL	10-10#
20	N5MT	24949

#### 125 PAIRS

NO.	CALL	10-10#
10	N5MT	24949

#### 150 PAIRS

NO.	CALL	10-10#
4	N5MT	24949

#### 175 PAIRS

NO.	CALL	10-10#
3	N5MT	24949

#### 200 PAIRS

NO.	CALL	10-10#
2	N5MT	24949

#### 225 PAIRS

NO.	CALL	10-10#
1	N5MT	24949

#### 250 PAIRS

NO.	CALL	10-10#
1	N5MT	24949

## AWARDS MANAGERS

BAR 100-900..	Dan Morris, KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	<a href="mailto:dbmorris315@gmail.com">dbmorris315@gmail.com</a>
Bar 1000+ . . . .	Rob Cromer, KE0MIZ #77647	12932 Palamino Place, Wellington, CO 80549	(970) 692-4421	<a href="mailto:rdcromer@rccomps.net">rdcromer@rccomps.net</a>
VP Bar . . . . .	Thomas Cole, KI5ELV #77743	3238 Wagner St., Shreveport, LA 71108	(318) 617-0562	<a href="mailto:ki5elv@yahoo.com">ki5elv@yahoo.com</a>
VP WAS. . . . .	Charles (Chuck) Dockery, N7UQ #72774	112 S. Rolling Meadows Dr. Wylie, TX 75098	(469) 829-5462	<a href="mailto:chuck@n7uq.com">chuck@n7uq.com</a>
VP Lucky 13 ..	Dan Morris KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	<a href="mailto:dbmorris315@gmail.com">dbmorris315@gmail.com</a>
WAC . . . . .	Kevin Gilot, NZ1I, #72759	50 Cindy Lane Mystic, CT 06355-1404	(860) 572-6086	<a href="mailto:kevinemt@tvconnect.net">kevinemt@tvconnect.net</a>
Counties . . . .	Mark Tatlor Murphy, KC4HIT #57488	PO Box 936, Conover, NC 28613-0936	(336) 561-3630	<a href="mailto:kc4hit@gmail.com">kc4hit@gmail.com</a>
Countries . . . .	Mike Davidson, N5MT #24949	26274 Whispering Pines Ave, Denham Springs, LA 70726	(713) 417-4727	<a href="mailto:N5MT@aol.com">N5MT@aol.com</a>
CW. . . . .	Lee Zalaznik, KI6OY #50948	334 Olivina Ave., Livermore, CA 94551-6137	(925) 455-0361	<a href="mailto:lee.zalaznik@sbcglobal.net">lee.zalaznik@sbcglobal.net</a>
Digital. . . . .	Jeff, Steinkamp, N7YG #65084	6765 E. Rosewood Cir., Tucson, AZ 85710	(520) 546-2290	<a href="mailto:n7yg@n7yg.com">n7yg@n7yg.com</a>
Mobile . . . . .	Paige Butler, W0FLZ #48658	21922 36th Ave NW, Stanwood, WA 98292	(425) 308-5561	<a href="mailto:w0flz62@gmail.com">w0flz62@gmail.com</a>
OM/XYL. . . . .	Marcus Lieberman, KM5EH #71103	2300 Hurley Drive NW, Albuquerque, NM 87120-1013	(505) 836-1724	<a href="mailto:buckml@lobo.net">buckml@lobo.net</a>
WAS . . . . .	Eva Donaldson, WB0CON #53964	12933 W Montana Drive, Lakewood, CO 80228-4244	(303) 989-0475	<a href="mailto:wb0con@comcast.net">wb0con@comcast.net</a>
WPX . . . . .	Ed Bryant, KM5FF, #50356	9001 Sunbow Ave SW, Albuquerque, NM 87121-8851	(505) 934-2100	<a href="mailto:elbble@gmail.com">elbble@gmail.com</a>
GB Counties ..	Mike Crawshaw, G4BLH #18446	35 Edward Drive, Clitheroe, Lancashire, England BB7 1EF	No Phone	<a href="mailto:g4blh@zen.co.uk">g4blh@zen.co.uk</a>

## 10 Meter Beacons

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

I would appreciate a message from anyone with thoughts of activating a beacon. [wi5v.be@gmail.com](mailto:wi5v.be@gmail.com)

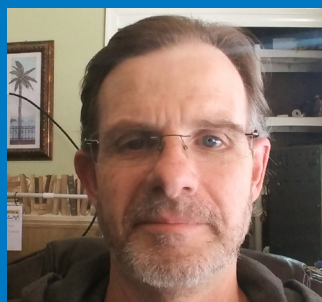
73 Dennis Stice WI5V #35806

IARU Region 2 HF Beacon Coordinator

<https://wi5v.net/author/wi5v>

## ARTICLES

There is always a need for articles in the News. There have been a couple requests for Do-It-Yourself articles. If you have something you would like to see in print please feel free to submit it. The most popular articles seem to be those relating to antennas, DIY projects, and kit building. Send your submissions to [editor@ten-ten.org](mailto:editor@ten-ten.org).



## Silent Keys

Mark Steele, KD2NOM  
(#77596)

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

10-10#	Call	Name - City, State
01341	K6PZE	Richard K. Gird - Lemon Grove, CA
01503	VE7TA	Jendrik Van Der Meulen - Smithers, BC
01667	K7EVL	Robert L. Lathrop - Wenatchee, WA
02847	K9EHP	William S. Coon - Sebring, FL
03564	VE3EFX	William N. Hardee - Kincardine, ON
05887	W4DAC	Richard A. Cassada - Port Saint Lucy, FL
07157	WB4YQZ	Ronald L. Adams - Lake Placid, FL
08367	AE3Z	Donald L. Kimble - Horseheads, NY
08766	W8VPD	Percy A. Duncan - Milford, MI
08878	W9NTG	Edward W. Flowers - Quincy, IL
09135	N7UH	Clark Ballard, Jr. - Steilacoom, WA
09712	K2CWM	Curtis W. Myers - Carneys Point, NJ
09902	K0PV	Donald P. Zielinski - Goodland, KS
10926	N6JZ	Carlos A. Almeida - Quartz Hill, CA
11491	WA1GOS	John C. Cliva - Tewksbury, MA
11735	W5ZIP	Gerald D. Reid - Amarillo, TX
11773	K5JIM	James D. Buffington - Aberdeen, MS
12425	W4EAT	Carl E. Starnes - Stanfield, NC
12506	WB8KLC	Robert G. Herman - Canton, OH
13198	W4DYW	Ellen M. Hull - Asheville, NC
14536	K8CCP	Virgil N. Riffle - Pemberville, OH
14914	WB9AL	Al A. Wendling - Anderson, IN
15052	W5HM	Harry W. Moore - Kosciusko, MS
15367	WB1AEL	Shawn C. Kelley - Princeton, MA
15675	WA4EEZ	Leslie Johnson - St. Petersburg, FL
18964	WB8UKR	Keith F. Gagnon - Howell, MI
20086	WB9EEE	Gordon R. Bazsali, Sr. - Black Earth, WI
20625	W1YJI	Lloyd J. Teran - Sherborn, MA
21993	KL7GN	Gordon J. Nightingale - Anchorage, AK
22711	K1PZY	John F. Murphy - Clearwater, FL
22847	KB5ZA	James W. Carter - Paris, TX
23567	K7URK	George W. Dunning - Salem, OR
23745	WB2JNV	Anita L. Bartelotte - Yorkville, NY
24250	K9HNF	Gary L. Arbuckle - Champaign, IL
24554	AB7G	Gerald F. Mitchelmore - Penn Valley, CA
25079	NR6A	Dean M. Coats - Sacramento, CA

10-10#	Call	Name - City, State
25170	AA0R	Jerry J. Adamson - Loveland, CO
25912	F6BXQ	Marcel Quain - Brignoles,
26399	WA4VJD	Enerest E. Choate - Columbia, TN
27089	W4BCG	Billy C. Gage - Franklin, TN
27692	WA2UEM	Barry Schaeffer - Parsippany, NJ
28354	N4ESE	Edward F. Thompson - Wadesboro, NC
28359	KA4IUO	John D. Beam, Jr. - Rock Hill, SC
28620	VE5JT	John Edward Tomecek - Kerrobert, SK
29029	NK7P	Hugh I. Kridler - Spokane Valley, WA
29225	N9BNB	Barry J. Coe - Grabill, IN
29572	WD8JWJ	William G. Wilkins - Bowling Green, OH
30695	NX6U	Conway C. Conner - Lakewood, CA
31123	KA9BOD	Gene P. Stankiewicz - South Beloit, IL
31145	N9BHT	Jack D. Alexander - Greentown, IN
31160	WJ9C	Max E. Safdy - Point Harbor, NC
31927	WD8ITZ	Fred E. Lux - Ida, MI
32459	W9CC	Larry R. Card - McCordsville, IN
33069	KA0AKL	Robert R. McCauley - Fremont, NE
33144	KE9BL	Robert W. Gibson - Country Club Hills, IL
37197	KC1XM	John R. Fowler - Coventry, CT
37451	W3RQU	Benjamin T. Trefsgar - Mount Carmel, PA
37487	KR3JA	James R. Amodie - Peters Township, PA
38446	VE9GU	Ron Smith - Rosehill, NB
38752	N2EDF	Robert C. Shelton, Jr. - Sparta, NJ
39059	WB6JQC	Joe I. Cardoza, Jr. - Fresno, CA
39270	WB5SRN	Richard E. Hagerman - Hudson Oaks, TX
40704	KI4IG	Thomas C. Smith - Chatsworth, GA
40792	K4TEE	Charles R. Wood - Lexington, NC
41211	K9GO	Jesse T. Franklin - Taylorville, IL
41965	KA2PDS	Ronald E. Cava - Holts Summit, MO
42415	K3UAL	Willie Joe Saunders - Annapolis, MD
42791	W8JV	James T. Viele - Hubbard, OH
42969	VE3CXK	Jack Greenway - Amherstburg, ON
43101	NX5O	Craig L. Wright - Blanchard, OK
43324	N9GUE	Fred A. Darrah - East Peoria, IL
44050	N8IBK	Albert L. Starr - Belfry, KY
44192	WB3LOT	William J. Rhone, Jr. - Baltimore, MD
45667	W5WWM	Wilbert W. Mayby, Jr - Shreveport, LA
45715	N6OPR	Robert L. Farrow - Gilbert, AZ
45803	VE1PT	Bernie Conrad - Pine Grove, NS
47005	W2BOB	Robert J. Maickel - Floral Park, NY
48963	KE7SW	Thomas R. Crelling - Tacoma, WA
50275	W7DXO	James E. Kellogg - Sublimity, OR
50631	KE9VK	Betty L. Baumann - Eubank, KY
50631	KE9VK	Betty L. Baumann - Eubank, KY
51223	KA1SVW	William B. Shipp - Cranston, RI
51370	WB5MPV	Walker D. Winans - Baton Rouge, LA

10-10#	Call	Name - City, State
51535	VE3DIT	Pat Lacey - Kitchener, ON
52234	N4UMI	Eugene F. Ribas, Jr. - Marshville, NC
54111	N8LLC	John W. Crawford - Lansing, MI
54719	W6HBU	Herbert R. Puckett - Yuba City, CA
54892	KA5OHP	Charles W. James, Sr. - Benton, AR
55051	WA1YLN	Harold T. Curry - Wakefield, RI
55907	AA9KS	Martin E. Hampton - Opdyke, IL
62053	KM6DD	Herbert E. Clarkson, Jr. - Rancho Palos Verdes, CA
62594	W7TG	William T. Gracey - Concrete, WA
64803	N8WR	Jeffrey J. Albrecht - Beverly Hills, MI
64876	KG8FB	Richard M. Robbins - Temperance, MI
65376	W9FIF	Robert A. Daniel - Virginia, IL
66477	N9WCJ	Fred W. Grant - Eaton, IN
66612	K4GZ	Gary L. Young - Middleburg, FL
67260	KJ4FSU	Joseph L. Morrell - Blairsville, GA
69770	W0XI	Philip N. Anderson - Lawrence, KS
73637	N5AQ	William David Roberson - Norman, OK
73805	VE7RJH	Ron Hollett - Trail, BC
74704	W5JLC	Jack L. Cunningham - Odessa, TX
75239	W4MWK	Michael W. Kindly - Concord, NC
75694	N3NZQ	Robert J. Edwards - Clarkton, NC
76731	N7MCH	Walter R. Beck - Salkum, WA
76999	K8BAT	John C. Hamler - Columbus, OH
77276	AD0LV	James S. McCloskey - Colorado Springs, CO
77951	N7ADG	Ronal G. Graham - Mesa, AZ

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

Mark 73, KD2NOM #77596

### REMEMBERING BOB FARROW, N6OPR, #45715 (SK)

I just heard recently on the 10-10 Net from Mike V31MA that Bob Farrow, N6OPR ("Old Peter Rabbit") passed away several weeks ago. I'm grief stricken. He was a good friend and a man with a kind heart.

He was actually one of my VEs when I took both my Novice and Technician exams in January 1994, and then was an officer of the local club I joined in Downey, CA. I spent many afternoons at his house putting newsletters together, going to Hamventions and Field Days. He taught me about contesting as well, and always promoted 10-10.

There were the many 10-10 luncheons on the first Thursday of the month where of course he was always late because he came after the 10-10 Net was over. That's also where I met Louise N6ELK and Doc WB6OJB and many others. Good times at Keno's Restaurant in Buena Park, CA.

This is a big loss for the 10-10 Organization and I'll miss him greatly.

Arlene Schwartz, KE6GFI, #72985



Bob Farrow N6OPR #45715 receiving an award at the St. Louis Convention in 2011.



Arlene KE6GFI #72985 and Bob N6OPR #45715 at a 10-10 luncheon at Keno's restaurant.

## dB, dBi, and dBd

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

A most convenient way to compare power is as a ratio between two powers. For this purpose, we have the decibel or dB. One dB =  $10 \log (P1/P2)$ , where P1 and P2 are any two powers that is relevant to compare. A power ratio of 2 is 3 dB; a ratio of 4 is 6 dB; a ratio of 10 is 10 dB. These marker points will guide you to intermediate values. Your transceiver output is 100 watts. Your linear output is 800 watts. Hence, your power gain is 9 dB to the antenna. Table 1-1 shows a few common values of the dB scale to acquaint you with the logarithmic curve.

Table 1-1

Power Ratio	dB	Power Ratio	dB
1:1	0.0	7:1	8.5
2:1	3.0	8:1	9.0
3:1	4.8	9:1	9.5
4:1	6.0	10:1	10
5:1	7.0	20:1	13
6:1	7.8	30:1	15

Antennas measure their power gain in the forward direction in dB. Since gain requires 2 powers to make the ratio, where does the second power come from? It comes from a standard reference. For most theoretical studies, the most common reference is dBi, decibels over an isotropic radiator. An isotropic radiator is a geometric point in space, with no material losses, that radiates equally well in all directions. The isotropic radiator is a theoretic standard that we can only approximate with some specially designed antennas. My rotatable aluminum backyard dipole at 35 feet over soils with average losses has a gain of over 7.5 dBi.

A second standard is dBd, decibels over a dipole in free space made of lossless infinitely thin wire. This equally theoretic antenna has a gain of 2.15 dBi. Hence, my backyard real dipole has a gain of over 5.35 dBd. Ground reflections add that much gain relative to free space, given the specific soil conditions.

For many, if not most of the decisions you will make about antennas, neither dBi nor dBd are the real references. Suppose you wish to buy a 3-element monoband Yagi for 10. What improvement can you really expect over your dipole? Now your own antenna—an aluminum tube (with losses)—becomes the standard.

Unfortunately, manufacturers do not rate their antennas by testing them on your mast in your yard. How can you use your knowledge of dBi and dBd to estimate the improvement the prospective antenna will make?

One way is to make antenna comparisons theoretically and extrapolate to your yard. Table 1-2 shows the gain figures for 3 antennas: a pretty good 3-element Yagi, a pretty good 2-element Yagi, and a dipole, all in free space. The 2-element Yagi has a forward gain of about 4.3 dB over the dipole, while the 3-element Yagi adds another 1.8 dB, for a total of 6.1 dB over the dipole. In the favored direction and in front-to-back ratio for nulling out QRM, you can expect similar performance from equivalent antennas mounted at the same height over the same terrain.

Table 1-2.

## Relative Antenna Gain using dBi and dBd and Antennas in Free Space

Antenna	Gain		
	In dBi	over Dipole	over 2-el Yagi
Dipole	2.1	----	----
2-element Yagi	6.4	4.3 dB	----
3-element Yagi	8.2	6.1 dB	1.8 dB

Antenna	Gain		
	In dBd	over Dipole	over 2-el Yagi
Dipole	0.0	----	----
2-element Yagi	4.3	4.3 dB	----
3-element Yagi	6.1	6.1 dB	1.8 dB

Do not expect much more improvement than the numbers in the charts indicate, even if the manufacturer cites much higher numbers. The beams in this example can be tweaked for a little more gain or a little more front-to-back ratio, but not much and not both at once. In addition, the ability of the antenna to hold both its gain and its front-to-back ratio over the entire 10-meter band will suffer. In fact, the antenna designs used in generating the numbers in the table are among the finest in their respective classes. Any improvements without adding elements or increasing boom lengths will be difficult at best.

As you might expect after reading the table, it does not matter whether you make the gain comparison starting with figures in dBi or figures in dBd. You will get the same result. The only requirement is that you use the same reference for all your comparisons and calculations.

Since we started with a dipole, the charts seem to prefer dBd. That is an illusion, since we might have as easily started with a quarter-wave vertical, a 2-element Yagi (as column 3 shows), or ZL-Special. Moreover, had we placed the models over real ground, the gain numbers would have been intrinsically higher, beginning with a dipole gain of over 7.5 dBi or 5.4 dBd. But the differences among the antennas would have been very similar to the numbers

in the charts.

Figure 1-1 shows the azimuth patterns for the three antennas at a height of 1 wavelength above ground.

Figure 1-2 shows the elevation plots for these same three antennas. Although the maximum gain of the 3-element Yagi is shown in dBi, the relative proportions of the 3 antennas would be identical no matter whether we register the gain values in dBi or dBd. The relative gain of the 2-element Yagi over the dipole is evident, as is the relative gain of the 3-element Yagi over the dipole and the 2-element Yagi. This is what is crucial to know.

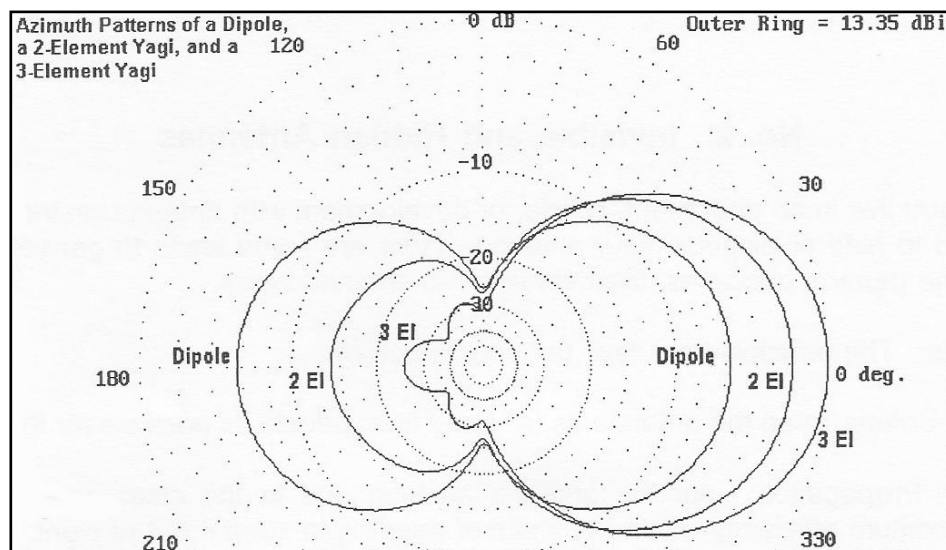


Figure 1-1. Az. Patterns for 3 Antennas at 1 Wavelength Above Ground

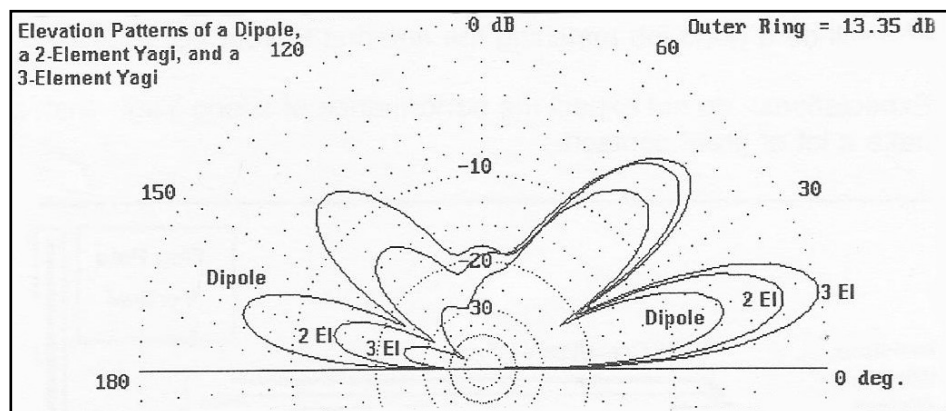


Figure 1-2. Elev. Plots for 3 Antennas at 1 Wavelength Above Ground

#### 2023 Ten-Ten QSO Party Schedule

Event	Dates	Postmark
Sprint	Oct. 10	Oct 18
Fall CW	Oct. 21-22	Oct. 30
Fall Digital	Nov. 11-12	Nov. 20
Anniversary (61)	Jan 1 - Dec 31	Jan 8, 2024
Meet the Volunteers	Jan 1 - Dec 31	Jan 8, 2024

## 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 on the air), date of contact, and QTH (state/province/country). The contact form and membership application is provided on the page that follows.
4. You must remit dues for one or more year's full membership. Fee schedule and payment information can be found in Section 2 of the page that follows.

## TYPES OF MEMBERSHIPS

To become a member either fill out the form on the following page and mail to the Data Manager at the indicated address or go on-line to the 10-10 web page, [www.ten-ten.org](http://www.ten-ten.org) and follow the links from 'membership' to 'application' and select membership category.

### *Primary Membership*

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

### *Family Membership*

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

### *Life Membership*

Life membership is available and may be paid in one lump sum or spread across two or three years. For information refer to the "Life Membership Application" form on the web or contact the 10-10 Data Manager.

### *Senior Life Membership*

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

*Family Life Membership* is no longer available

### *Club Membership*

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

### *Electronic Membership*

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

## MEMBERSHIP RENEWALS

Either fill out on the following page the top half of Section 1, including your 10-10 number and Section 2 and mail to the Data Manager at the indicated address or go on-line to the 10-10 web page [www.ten-ten.org](http://www.ten-ten.org) and follow the links from 'membership' to 'renewals' and select the membership category.

## DATA MANAGER SERVICES

### *Call/Name/Address Changes*

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

All payments may be made by Check, or Money Order. Due to banking regulations Credit Cards cannot be accepted for merchandise. Membership Services and Scholarship Donations can be made via credit card using the secure shopping cart at [www.ten-ten.org](http://www.ten-ten.org)

Mail to:

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

### *SCHOLARSHIP DONATIONS*

Donations to the 10-10 Scholarship Foundation are encouraged by our members to help fund three \$2,000 10-10 Scholarships to be awarded. For donations of \$25 or more you are eligible to receive a current year's lapel pin as a thank you gift. To pay by credit card, see the payment information on our website. 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.

**Weak Signal** - held on the second full weekend in July - 0001 UTC Saturday 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.

## 5.2.4 ENTRY CLASSIFICATION

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

**QRP:** Includes single station operators and can also include OM/XYL teams or any families or groups of people using individual call signs and 10-10 numbers. CW/Digital/RTTY operations max 5 watts and Phone operations max 10 watts during the entire event.

**LOW POWER:** Same as QRP listed above except that output power for CW/Phone/Digital/RTTY operations is max 150 watts during the entire event.

**HIGH POWER:** Same as QRP listed above except that output power for CW/Phone/Digital/RTTY operations is greater than 150 watts during the 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. No matter your physical location, your QTH is the location of the transmitting antenna.

## 5.2.6 EXCHANGE

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

## 5.2.7 QSO POINTS

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

## 5.2.8 CHAPTER SCORE ASSIGNMENT

Any entrant who is a chapter member may assign his/her score to that chapter. QSO Party chapter scores for the Sprint and Open Season may not be assigned.

## TEN-TEN QSO PARTY RULES

**5.2.9 QSO PARTY ENTRIES**

Logs shall be forwarded to the QSO Party Manager as identified in the 10-10 NEWS or on the 10-10 web site. It is strongly suggested that logs be sent as soon as possible after the close of the event. It is also recommended that DX logs should be sent AIR Mail to insure they are received in good time. Any logs received with a postmark date AFTER the deadline date will be handled as a check log. Any logs received more than 8 days after the entry deadline, regardless of postmark, will be discarded. LOGS MAY BE SENT VIA Email to [tentencontest@ten-ten.org](mailto:tentencontest@ten-ten.org). Q95 files are not a proper format nor are they readable, therefore, they will not be accepted.

**5.2.9.1 ENTRY DESCRIPTION**

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

**5.2.9.2 ENTRY DEADLINES**

Entries for all QSO Parties listed EXCEPT the Sprint shall be postmarked no later than 8 calendar days (this will always be a Monday) after the close of the event. Entries for the Sprint (held on 10/10) shall be postmarked no later than October 18th, unless that day falls on a Sunday or holiday, then the postmark deadline shall be October 19th.

**5.2.10 QSO PARTY RESULTS AND AWARDS**

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

**5.2.11 ANNIVERSARY and MEET THE VOLUNTEERS EVENTS**

These events run from January 1 0001 UTC to December 31 2359 UTC. In the Anniversary event, entrants may submit a log of contacts with members that have the anniversary year contained in their membership number. Example: 2022 is the 60th anniversary year of 10-10 International Net, Inc. Contact with members containing a "61" in their membership number (i.e., 72061, 69615, 66154, 61126, 00607) would count toward the event. Each year the anniversary number changes, making a new group of members the focus of the event and promoting the use of the 10-meter band. All general rules are applicable with the following exceptions: During the calendar year (January 1 through December 31) make legal 10-10 contacts with 10-10 Number, Date, Call Sign, QTH with members containing the anniversary year in their membership number as described above.

In the MEET THE VOLUNTEERS event, entrants may submit a log of contacts with members listed in the 10-10 NEWS as being a 10-10 volunteer. One contact per volunteer is permitted, regardless of mode of contact. In both events, contacts must be made on the 10-meter band with any legal mode (AM, SSB, FM, PSK, CW, etc.). All submitted logs

must contain only one entry for each 10-10 number contacted. Contacts MUST be listed in 10-10 number order and each entry must list the 10-10 Number, Date, Call, Name, QTH and Mode, in that order. These events are for Individual entries as described in section 5.2.4 and certificates will be awarded for the TOP Ten, however all entrants will be listed in the 10-10 NEWS.

Logs MUST be postmarked no later than January 8th of the year following both the Anniversary and Meet the Volunteers events. Only members in good standing (with dues paid) are allowed to submit logs.

**5.2.12 WEAK SIGNAL QSO PARTY (WSQP)**

This event was added to help promote digital activity on the ten-meter band. The event in no way affects or modifies the policies for other scheduled Ten-Ten events. All weak signal modes for this event include: FT/JT/JS8/JS8CALL and any future weak signal mode. No repeater, cross-mode or cross-band contacts allowed.

FT4 (28.180)	FT8 (28.074)
JT65 (28.076)	JS8/JS8CALL (28.078)

Entry categories: QRP – Maximum 10 watts output.

Low Power – Maximum 150 watts output.

Exchange: 10-10 members should send call sign, name, 10-10# and QTH (ST/Prov/Country). Received exchange should include normal exchange for FT/JT/JS8/JS8CALL modes and for extra points name, QTH and 10-10#. Scoring will be 1 point for contacts without a 10-10 number and three (3) points for contacts with a valid 10-10# exchange. NO MULTIPLIERS! All other normal rules apply. Logs shall be forwarded to the QSO Party Manager..

**5.2.13 10-10 SPRINT (October 10) QSO PARTY**

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

**5.2.14 W6OI SPECIAL EVENT**

This special event operation is where volunteers operate the 10-10 official club stations (W6OI/VE9TEN/DL0X) seeking to work anyone anywhere. Any mode of operation is permitted. Many operators will be authorized to operate W6OI from most US states and VE9TEN from various Provinces/Territories simultaneously. DL0X is operated by Henry, DL8YBM. The purpose is to have fun promoting 10-meter activity making contacts with 10-10 members and of course, non-members. This is a great way to increase membership! Exchange is similar to any 10-10 QSO Party event - name, call, QTH, and 10-10 number if one is available. As contacts are made, provide info on the 10-10 organization and where to find our website - [www.ten-ten.org](http://www.ten-ten.org). If anyone wants to volunteer to operate W6OI during this event contact Jerry, N9AC. Members in Canada should contact Rob, VE9KM for permission to operate VE9TEN.

**5.2.15 FOR MORE INFORMATION**

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

# 10-10 QSO PARTY COVER SHEET

## QSO Party (select one):

- |                                       |                                    |   |                                       |
|---------------------------------------|------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> WINTER PHONE | <input type="checkbox"/> SPRING CW | <input type="checkbox"/> SPRING DIGITAL | <input type="checkbox"/> 10-10 SPRINT |
| <input type="checkbox"/> SUMMER PHONE | <input type="checkbox"/> FALL CW   | <input type="checkbox"/> FALL DIGITAL   | <input type="checkbox"/> WEAK SIGNAL  |

## Contest Exchange:

Callsign: \_\_\_\_\_ Name: \_\_\_\_\_ 10-10#: \_\_\_\_\_ QTH\*: \_\_\_\_\_  
*\* if operating FROM mobile, enter number of counties operated from in QTH field - counties must show in log*

## Entry Information:

Name: \_\_\_\_\_

Mailing address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

State/Province/County: \_\_\_\_\_

Your e-mail address (for contest questions only): \_\_\_\_\_

Call Area (W0-W9) or ARRL DX Country you operated from: \_\_\_\_\_

Chapter Assignment, if any (not valid in Sprint): \_\_\_\_\_

## Entry Type (check one only):

- |  |                                     |                              |                                 |
|--|-------------------------------------|------------------------------|---------------------------------|
| <input type="checkbox"/> LOW POWER   | <input type="checkbox"/> HIGH POWER | <input type="checkbox"/> QRP | <input type="checkbox"/> MOBILE |
| <input type="checkbox"/> CLUB (if Club station, please list all operators below this line) |                                     |                              |                                 |

## Claimed Score:

Contacts WITH 10-10 number: \_\_\_\_\_ X2 = \_\_\_\_\_

Contact WITHOUT 10-10 number: \_\_\_\_\_ X1 = \_\_\_\_\_

Total Contacts: \_\_\_\_\_ Total Pts: \_\_\_\_\_

## Submitting Logs:

**MAILED ENTRIES:** All submissions must contain this cover sheet (or reasonable facsimile), the log in UTC Date/Time order, and a dupe sheet in callsign order or in grid format (if more than 50 contacts).

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

**EMAILED ENTRIES:** All submissions can be in most formats and must additionally include all information from this cover sheet either in separate summary or as summary at head of log. Many contest programs do this for you. Dupe sheets are **NOT** required with an e-mail entry. **Q95** formats **ARE NOT** acceptable.

**EMAIL to: [tentencontest@ten-ten.org](mailto:tentencontest@ten-ten.org).**

© Copyright 2023 10-10 International