



The Ten-Ten International News

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News items should be sent to the Editor. Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted must be typed, 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. If sending digital images, high resolution of a minimum 300 dpi must be used. Please do not send newspaper or digitally printed photos as they cannot be used.

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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 Manager

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

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

Vice President/Secretary

Larry Berger, WA2SUH #00407 (2028)  
 9 Nancy Blvd, Merrick, NY 01156-3119  
 (516) 223-4611 ..... [wa2suh@aol.com](mailto:wa2suh@aol.com)

Treasurer

Keith Schlottman, KR7RK #63324  
 10214 N Eight Iron Ln, Tucson, AZ 85737  
 (520) 298-8488 ..... [keithschlottman@gmail.com](mailto:keithschlottman@gmail.com)

Directors

Stephen W Wagner, W7WHB #77836 (2028) - Daily Nets  
 338 N Nevada Way, Gilbert, AZ 85298  
 (480) 857-6518 ..... [w7whb@arrl.net](mailto:w7whb@arrl.net)

Martin Jordan, KB1MJ #67175 (2028) - QSO Parties  
 146 Juniper Trace Parrish, FL 34219  
 (941) 981 2687 ..... [KB1MJ@outlook.com](mailto:KB1MJ@outlook.com)

Mark Steele, W2MWS #77569 (2028) - 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  
112 S Rolling Meadows Dr. Wylie, TX 75098-5163  
(469) 829-5462 ..... [chuck@n7uq.com](mailto:chuck@n7uq.com)

**Data Manager / Supplies**

Dave Ruch, NF0J #19553  
PO Box 1110, Elephant Butte, NM 87935  
(575) 495-9236 ..... [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**

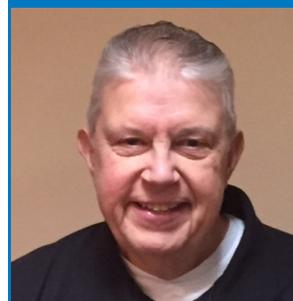
Larry Berger, WA2SUH #00407  
9 Nancy Blvd., Merrick, NY 11566-3119  
(516) 223-4611 ..... [wa2suh@aol.com](mailto:wa2suh@aol.com)

**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)

**W6OI Station Trustee**

Dave Ruch, NF0J #19553  
PO Box 1110, Elephant Butte, NM 87935  
(575) 495-9236 ..... [dave@nf0j.com](mailto:dave@nf0j.com)



# From the Editor

Randy Mather, AJ7B  
(#7675)

Yes, I know. I wrote in the summer issue that I needed to step down from the Editor position, and the Fall issue would be my last. Well, finding a volunteer to take over has been a challenge. Not wanting to leave the organization without an editor, I will continue until a new editor is found or I just cannot do the work any longer.

So, you might ask, what does editing this newsletter involve?

**Newsletter Editor Job Description**

The newsletter editor is responsible for assembling a newsletter and delivering it to a printer and the IT manager four times each year. A monthly stipend also comes with this job.

**Tasks:**

Send a reminder to everyone who is responsible for regular input a week before the due date.

Review inputs to the newsletter correcting spelling and grammar as needed.

Import edited text into the publishing software program. I am presently using Adobe InDesign. However, another program could be used.

Send out a review copy to the Publications review committee one week prior to printer due date.

Incorporate changes from reviewers.

Make a final PDF of the Newsletter and upload it to the printer.

Make a final PDF of the Online version of the newsletter and send it to the IT Manager for publishing on the 10-10 Net website.

Upload the finished Print and Online files to the server.

It takes me up to 10 hours, spread over several days, to create one issue. If you are interested in the editor job, please contact Dave Rush (NF0J). See the Officers list in this issue for Dave's contact information.

Over the summer my XYL and I, along with our two dogs, moved from Arlington to Mount Vernon WA. I just recently got a 135-foot dipole antenna up and am now back on the air. I was able to successfully check in to the 10-10 net a couple times.

Please take some time to read the new QSO Party rules at the back of this issue. The QSO Party Manager (Dan Morris) and the board of directors have made some significant changes in the number of QSO parties scheduled in 2026. Instead of having different parties for each mode (ohone, CW, digital), multimode operation has been incorporated into the QSO party events.

I would also like to draw your attention to the "Call for Nominations" later in this newsletter. This is your opportunity to get more involved in guiding the Ten-Ten International Net organization into the future. It's important to have a team working on moving the organization forward, adjusting to all the hurdles and challenges that crop up from time to time.

73 and Happy New Year



## From the President

David Ruch NF0J  
#19553

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

It is hard to believe that it has been five years since we moved to New Mexico from Minnesota. A couple of years ago, I wrote that we haven't raked leaves or shoveled snow here. Plus, we don't need to winterize our cars or wear parkas. Do we miss all that yet? Nope. Would we move back? Double nope!

One thing we do have in New Mexico is wind and lots of it. My Hexbeam lasted just short of three years before it finally said no mas. While it is likely repairable, I decided to order a new one, the NA4RR model. It arrived here last week (as I write this in November), and I am in the process of painting the fiberglass (so the sun doesn't destroy it as fast as it otherwise would) and completing the antenna's construction. My K1O Hexbeam was a great performer on all bands from 20m up to 6m. I hope this one works just as well.

Back when I became a ham in 1977, the first license was novice. Novice licenses allowed us to make CW contacts on several HF bands. Next came the technician license which allowed for VHF and higher contacts in several modes including phone. Next came the general license which finally let us communicate on HF phone!

Once I earned my general license, I had a lot of fun contacting hams all over the world. It was at this time that I discovered the Sky-Blue Waters Chapter 10-10 net that operated in the Twin Cities (Minnesota) metro area. Shortly after, I became a member of 10-10 and started seeking out other chapters. Collecting wallpaper became a big part of my early amateur radio experience. As time went on, raising a family and work life took up most of my time, and ham radio went on the back burner.

Many years later after the children had grown and left home, and I unloaded my business, we retired to New Mexico. I put together a decent station with a tower, a beam, and a good rig. When 10-10 came back to mind, I quickly discovered that things had changed. Paper chasing was virtually gone, not entirely, but nowhere near the level it was earlier. I ran into only a few people chasing numbers. This was very disappointing to me, but over time things change and we can accept and work with it or sit and pout and be miserable.

Our mission statement is an organization dedicated to assisting, encouraging, and promoting amateur radio activity on the 10-Meter amateur band, using all lawful modes of operation and embracing new technologies. Our aim is to assist in the growth of amateur radio around the world, to mentor new members, and enhance fellowship among radio amateurs. Chapters and number collecting are a means, not an end. While I am president (and afterwards), I plan to offer for discussion, changes and activities that will help our organization grow while fulfilling our mission statement. "We haven't done that since 1962" is not an argument. Let's get ready to take on and win the challenge.

After considerable discussion your Board of Directors made the difficult decision to eliminate several of the operating events. Both the Anniversary and Meet the Volunteers events have been canceled due to lack of participation. Additionally, the number of QSO parties was reduced to three: the Winter and Summer Phone, and the 10-10 Sprint. Again, this was done due to lack of participation. These changes will be updated on the website and in the newsletter.

A few years ago, Rob, VE9KM passed away. Rob was the administrator of the Canadian 10-10 callsign, VE9TEN. At present, there is no administrator for VE9TEN. If you are a Canadian 10-10 member and would like to be administrator of VE9TEN, please let me know via email. I am not certain how Canada handles this process, so, if interested, you'll need to contact the Canadian licensing agency to determine how to proceed.

For several years, The Foundation for Amateur Radio (FAR) acted as a clearing house for our 10-10 Scholarship Foundation grants. FAR became unable to continue offering this service and began to dispose of its assets. Now for some good news. Due to our long-standing support of FAR and our continuing desire to make scholarships available to deserving recipients, FAR donated \$30,000 to our scholarship fund! Thank you FAR and thank you, Larry Berger, for your excellent administration of the 10-10 Scholarship Foundation.

2026 is an election year for President and three of our six directors. Watch for details in the newsletter and on the website.

Best wishes for a healthy and safe 2026!

CU on the air!

73

Dave NF0J #19553

C. B. Cebik W4RNL, #41159 shared the following in a previous issue of this newsletter.

**RF SAFETY**

RF Hazards come in two varieties. One is radiation. Current FCC regulations provide standards for safe amounts. Use the worksheets and analyze your station, even if you think you may be exempt by virtue of power levels and spacing. Be sure.

A second hazard comes from direct contact with antenna elements carrying RF currents. Ground-mounted verticals and inverted Vee ends provide the greatest hazards, since both children and adults can come into contact with them – either directly or with some implement having a long metal handle.

Isolate ground-mounted verticals with fencing or other barriers which are effective especially in preventing children from touching a potentially active antenna. A vertical in or adjacent to a children’s play area may mean station silence during periods when children are present: if contact is not a danger, radiation may be.

Elevate and insulate horizontal antenna ends above the level where anyone can touch them with a metal rod. Never underestimate the ingenuity of a child with a small mean streak or a large curiosity.

**STATION GROUNDING**

Everyone is familiar with the need for a common ground bus for all station equipment with as short a lead as possible to a ground rod outdoors. If you have a tower, it should also be ground rodged. All ground rods (including the house ground at the electrical service entry) should be connected together by the largest copper wire you can obtain. Some folks use copper flashing cut into long strips. These days, braid is not recommended because its very large surface area open to weather deteriorates it quickly. Use solid mechanical connections, not solder (which melts in the presence of lightning like a teenager in the presence of a rock start: (instantly ).

If ground rods are widely separated, add ground rods in a row from end to end, spaced about the length of each ground rod apart. This is not over-kill—just the opposite. It is over-safe by holding the resistance between everything in your house and shack at the absolute minimum. Even a slight resistance may give a lightning surge an alternative path to ground through your “stuff.”



**NEW LIFE MEMBERS**

72327	WL7CLI	Kirk E Nelson	IA
72782	KD5KC	Michael P Olbrisch	TX
77836	W7WHB	Stephen Wagner	AZ
71744	WT3C	Thomas C Dailing	MD
72941	K3UV	Jeffrey D Ollis	PA
11867	K5VG	John E Thomason	OR
78446	KP4YY	Robert Seda	TX

**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).



## Chapter Coordinator

Chuck Dockery, N7UQ  
(#72774)

**New Chapter:** Please welcome our newest chapter, Panhandlers. Panhandlers are from Sandpoint, Id. The chapter CH/CM is John Kludt K7SYS and their nets are 00:00 UDT summer on 28.360 and 01:00 winter same frequency. Stop by and check in if you hear them.

**Chapter Reports:** I 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. As chapter heads and coordinators, you should be utilizing the FTP site to store your information that can be accessed by an official should the need arise.

**Important:** Chapters request changes, I update the information to the website, please remember to purge your browser cache for you to see the updates. As updates happen, I may make an announcement and post it to the website so be sure and check there before contacting me.

**Reminder: Now that we have successfully transitioned to the new website:**

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, let me or Jeff know so we can fix it.

**Reporting:** For a form to submit on-line, go to <https://www.ten-ten.org/quarterly-report/>. You may also have me send you a copy to fill out and send electronically or mail to me by snail mail.

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. One of the reasons listed for termination of the chapter is failure to report within a year.

Chapter News: Currently 28 active chapters

**Houston S.H.O.T.:** Houston S.H.O.T. is in need of Chapter head and someone to be net control.

**Louisiana Pelican:** Louisiana Pelican and Houston S.H.O.T. is in need of Chapter head and someone to be net control. Mike Davidson N5MT has been carrying these two chapters for quite some time and would like to see someone else take the reins.

**Gateway:** I received a note from Bill Campbell KA0HZP that some of the members of this chapter including Bill, suffered some major damage due to storms/tornadoes in March of 2025. So if you have not heard from some of these folks it may be because of the damages suffered.

**Chapters at Risk of Termination:** (no report in a year or more): City of Lights (Last report 07/2024), Fort McHenry Cornerstone Yodar Kritch (Last report 03/2024), Oregon Trail (Last report 04/2024), Possum Trot (Last report 07/2024).

All chapters are asked to plan for succession of leadership. I can't stress this enough. We have lost a few great chapters that cannot continue due to the record keeping not being shared. PLEASE, 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. I know there is redundancy in this message, but it really needs to be stressed if you wish the chapters to continue.

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



## TEN-TEN NET GUIDE

As of December 1, 2025

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	13:00	14:00	Arlington	Arlington, VA	29200	WED	00:00	01:00	Cradle of Confederacy	Montgomery, AL	28350
SUN	14:00	15:00	Neanderthal/Hanse	Euskirchen, DL	28355	WED	01:00	02:00	Cincinnati Area Ten Tuners	Cincinnati, OH	28430
SUN	20:00	21:00	Oregon Trail	Dallas, OR	28330	WED	01:00	02:00	Houston SHOT	Houston, TX	28488
SUN	19:30	19:30	North Georgia	Atlanta, GA	28415	WED	02:00	03:00	10-Bar-X	El Paso, TX	28445
MON	01:00	01:00	Arizona Desert	Phoenix, AZ	28445	WED	19:30	19:30	Route-66	Apopka, FL	28370
MON	01:00	01:00	Lonestar	Arlington, TX	28460	THU	01:00	01:00	Cow Town	Arlington, TX	28460
MON	00:00	01:00	Panhandlers	Sandpoint, ID	28360	THU	01:00	02:00	Gateway	St. Louis, MO	28650
MON	01:00	02:00	Milwaukee	Milwaukee, WI	28365	THU	01:00	02:00	Milwaukee	Milwaukee, WI	28365
MON	01:30	02:30	Bauxite	Benton, AR	28470	THU	02:30	03:30	Windfarms	Livermore, Ca	28485
TUE	00:00	01:00	Ft McHenry/Cornerstone/ Yodar Kritch	Arbutus, MD	28370	THU	02:30	03:30	Up the Crick	Eugene, OR	28450
TUE	01:00	02:00	CO Centennial/CO Frontier Gang	Lakewood, CO	28340	THU	19:30	19:30	Speedway	Rainier, OR	28350
TUE	01:00	02:00	City of Lights	Aurora, IL	28150 CW	FRI	00:00	01:00	Ft McHenry/Cornerstone/ Yodar Kritch	Arbutus, MD	28370
TUE	01:30	02:30	City of Lights	Aurora, IL	28720	FRI	00:00	01:00	Possum Trot	Raeford, NC	28345
TUE	03:00	04:00	Bay Area	Hayward, CA	28475	FRI	00:00	01:00	Steamboat Plus	Shreveport, LA	28430
TUE	04:30	04:30	Aloha	Hilo, HA	28490	SAT	15:10	16:10	Louisiana Pelican	Baton Rouge, LA	28450
TUE	15:00	16:00	New Mexico Mud Ducks	Albuquerque, NM	28835	SAT	17:30	17:30	Tango	Buenos Aires, LU	28650
WED	00:00	01:00	Castle Graig	Meriden, CT	28375						

## Antenna Safety Notes

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

**Static Build-Up:** As the wind and weather pass over the antenna elements, a charge builds up. On long wire antennas, it can generate enough of a charge to draw a visible spark across a gap to ground. On smaller antennas it can create unnecessary static. The best way to avoid problems here is to be sure that the antenna is at DC ground. Some antennas are designed with a DC ground; others are not. For low impedance antennas (less than 150 ohms feed point impedance) fed with coax, the simplest way to insure a DC ground is to place an RF choke across the antenna terminals. This gives you a DC ground [path but leaves the antenna RF-hot. At 10-meters, a 100 micro-H RF choke provides about 1800 ohms of reactive isolation, but a low resistance to charge build-up. Just be sure your coax braid is grounded somewhere along the line so that the

charge has somewhere to go other than to your equipment.

Parallel feedline systems, such as all-band doublets require a different treatment, since the impedances they may see can range up to 5000 ohms and more. Here we can use high value resistors where the feedline enters the house. Run 1 M $\Omega$  resistor from each line to ground rod where the line meets the shack. It is also useful to add a knife switch or other disconnecter (with alternative contacts directly grounded) to remove the connection to the equipment when the antenna is not in use.

**Tower and Coax:** Some studies have shown that the bulk of lightning current travels in the shield of the coax. A considerable voltage difference can exist between a tower leg and the coax braid if the first connection between the two is at the bottom of the tower. You may want to consider breaking your coax near the top of the tower, having one section to the antenna with the flex loop to accommodate rotation and another section down the leg of the tower. Securely

fasten a plate to the tower leg and use a double female connector with chassis nuts (often called a bulkhead connector) to join the two coax lengths. This gives you a connection between the coax braid and the tower leg. This is not the only ground you should use, but an extra one.

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

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

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



*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**



## DX News

Mike Davidson, N5MT  
(#24949)

Welcome to the Winter DX season of the 10-10 News and today is December 1st as I finish writing this article. The biggest event this coming DX season could be better DX across the Atlantic, Pacific and into South America from now until March 2026. The most popular December contest is in 13 days, the ARRL Ten Meter contest is on the second weekend December 13-14th. I have found new 10-10 members and said hello to many old friends over the past 46 years that I have logged the Ten Meter contest. I remember one year in Houston, I used an amp to a four element beam, and logged over one hundred countries and scored my highest number of QSO's in a weekend.

If you are a new 10-10 member chasing DX and need help with being a successful DX'er, you need to be familiar with the American Radio Relay League and their website that deals with operating help and DXCC. So please visit [www.ARRL.org](http://www.ARRL.org) after you finish reading this article!

This Solar Cycle 25 has just produced a bunch of solar flares that have given our planet some aurora this past quarter. There have been several recorded storms on the Sun which produced bad propagation and some radio blackouts on the Earth over the past 3 months, so good luck with the coming DX season especially in the Ten Meter test! The solar flux today is 180, A index 16, K 1 with poor prop on Ten meters.

There is better propagation on the lower frequencies than on Ten. The highest solar flux this cycle was in Feb 2023 at 343 and in May this year, we saw a big X2.7 flare that caused radio blackouts. I have operated in five cycles and Cycle 25, in my opinion, could be ranked as the second strongest of the last five!

You can compare my DX reports below with your log to see if you found a DX member during the past three months. Watch for future DX and work a new country or a new member in your log. Remember, your 10-10 is assigned to you for life, so if you get a DX license, you can still give out your 10-10 number if you operate Ten in a DX country.

The most important 10-10 club event this summer was the August Summer QSO Party. This is usually the biggest 10-10 event of the year and it was a nice chance to have put a new 10-10 member in your log, which is one of my

operating goals. In past years a few QSO parties have had bad solar events and poor propagation when the Sun generated flares and radio blackouts on the HF bands.

I monitor the ARRL website for DXCC information as I follow all DXCC rules and take care of the 10-10 Countries Awards. By design, 10-10 follows all the ARRL DXCC rules plus you must swap your 10-10 info for a contact to be valid for all awards. The ARRL DXCC award function has been working smoothly and the LoTW function is saving users money by replacing a QSL swap. The ARRL software hack on their computer system last year was fixed with no data loss. ARRL DXCC processing this past month was taking about seven to ten working days to complete. All 10-10 awards for paid members get our awards free.

**The best time for logging 10-10 or a DX contacts in the USA during the winter season is now to talk into Europe, S. America and the Pacific. The ARRL Ten Meter contest in two weeks has always been the most popular contest on Ten. During past Winter SSB QSO Parties, the band was sometimes noisy due to solar flares and poor propagation. If you are serious in logging DX, you should have a goal of finding members on Ten and logging them.** Each week I read DX emails and look for members going places, so I can write about them. My last new 10-10 country was logged about eight years ago, so I hope to log a new 10-10 country soon. Watch for DX on the dates given below and work a new member or talk with an old friend that you might find on the air to pass the time.

I read a report that a USA station had talked via long path by pointing his beam antenna southeast to talk with several Asia stations. Long path DX is a rare event and I have had QSO's with this propagation when I had a beam antenna at my old qth in Texas. This rare event only happens when the radio path is skipping in the opposite direction so its named long path skip. Since long path is such a rare event you will probably will not hear it using a dipole or vertical antenna.

**Countries Awards:** There were no Countries Award applications submitted this past quarter.

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

**4U United Nations NY.** The UN club station **4U1UN #55555**, in New York City, was active on Twenty meters on Nov 12th. No activity on Ten meters the past quarter from 4U1UN except for the beacon on 28200 MHz. By DXCC rules, the UN in New York is the closest DX country for USA hams to QSO. The UN beacon is one of 18 beacons on five frequencies and all are on the air 24/7 and depend on propagation, so YES you may not hear all beacons because of skip around the world.

**4U Geneva.** The UN station in Switzerland **4U1ITU #11111**, now has a new club callsign **4U0ITU** to commemorate the ITU Union 160th anniversary until

year end. The special call was used on SSB and digital FT8 this past quarter. Remember. The 10-10 number is only assigned to 4U1ITU and not to the new callsign 4U0ITU! So, ask them for the old call and log! LoTW.

**A4 Oman.** The Royal Omani ARS club station **A47RS #42043** was heard this past quarter on Ten meters. No info if any 10-10 info was exchanged. All guest operators probably do not know about 10-10 membership so 10-10 info may not happen.

**9U Rep of Burundi.** A DXpedition to Burundi using call 9U1RU, took place from October 29th to November 19th 2025. The two 10-10 ops were Vic **UA3QLC #52770** and Hal **W8HC #12502**, who are both good operators on CW, SSB and Digi. **The last 10-10 op in 9U was Iris W6QL / 9U5QL #21226 in December 1991 and Iris is now SK.**

**CE0Y Easter Island.** George **CE0YHF #39382** is still working at a job on the island. Bad weather broke his first antennas so he replaced it with a vertical for his 10-watt radio. I see a few QSO's in November for him on FT8 and SSB.

**ET Ethiopia.** Ken **K4ZW #18573** did not operate from ET this past quarter. The club call ET3AA is not a 10-10 member but it was active on Ten meters in October/November. So you must find Ken when he visits the club to get his number and log a 10-10 QSO for Ethiopia. Ken only operated in the USA in November on Ten meters.

**FO French Polynesia.** Haru **JA1XGI #55571** is using call TX9XG from November 30th to December 6th on HF.

**FP St. Pierre & Miquelon Isl.** Eric **KV1J #31247** was active as FP/KV1J from Miquelon on Ten using FT8/4 from June to July 13th on FT8 and SSB on Ten meters.

**HB0 Liechtenstein.** Rene **DL2JRM #69623** and a friend were using call HB0DX from November 28th to December 1st. They also used HB0DX in a contest October 25-26th.

**HR Honduras.** Tom **AK2G/HR9 #77206** was on an island off Honduras in September for a week until the 26<sup>th</sup>. Several members have been on Rotan Island this year and I know he was on Ten meters in September on SSB.

**J6 St. Lucia.** Bill **K9HZ #2618** was in a CQ CW contest in late October at J68HZ. It is hard to get a 10-10 swap during a CW contest so hopefully you found Bill outside of the contest at the Villa Grand Piton for a QSO. LoTW.

**KH0 Mariana Isl.** Tom **KC0W #67688** used his new call KH0W on CW in November on Ten and he was active on 6 to 40 Meters from September thru November all on CW.

**OZ Denmark.** Rene **DL2JRM #69623** was in Denmark from September 12-21st as OG7Z and also in July 12-13th.

**P4 Aruba.** John **W2GD #14109** was active with the P4 calls P40W from October 22-26th and P44W from Nov 29-30th , July 9-16th and May 22-25th.

**T8 Palau.** Al **K7AR/T88AR #2736** was in a CW contest in late November on Palau.

**VP2M Montserrat.** A group of four ops were using call VP2MMA which is not a member, from now to December 5th. Look for Juan **AC6ZM #65893**, Randall **WK9M #57317**, and Catherine **W4CMG #77738**.

**VP6 Pitcairn Island.** Miralda **VP6MW #50434**, was active on Ten with FT8 and no SSB, on August 11-13th , September 16-18th and November 17-22nd.

**ZD7 St. Helena Island.** A three ops will be using separate calls from ZD7 until December 7th. Look for Fred **G4BWP #28684** using call ZD7WP.

**ZL7 Chatham Islands.** Holger **ZL3IO #22401**, is still on Chatham as ZL7IO until December 4th on CW. He operated in October/November on FT4 and in the WPX CW contest. There is not a member living on Chatham so anyone operating there is a rare DX contact for DXCC.

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

**CY0 Sable Isl.** A DXpedition scheduled for March 2026, the only 10-10 members that I found were: Ralph **K0IR #2609** and Michael **K9NW #29804**. Web: [www.CY0S.com](http://www.CY0S.com).

**PJ2 Curacao Isl.** Thaire **W2APF #50022** will use call PJ2/W2APF from January 10th to March 31, 2026. He was on Curacao from January to April 9th in 2025 on CW. His QRZ page has pictures of sites he operated from. LoTW.

**VP0 South Georgia Island.** A DXpedition to this rare island will take place in March 2027. South Georgia is owned by Norway. The list of operators that will man the stations is still not available on the website as yet.

#### MISCELLANEOUS ITEMS & NOTES:

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

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

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

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

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

**DX:** <http://www.youtube.com/watch?v=k4dJcK-WVRw>. <https://Secure.Clublog.org/mostwanted.php><http://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> .

FT8 Fox/Hound Video:

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

**DX Propagation: I expect the solar flux to range from 120-210 this Winter DX season.** The December 21st Winter Equinox will be in three weeks. There was an M class flare in August and an X2.7 class flare in May 2025. Days are getting shorter for us in the Northern Hemisphere. Cycle 25 started seven years ago in November 2019. Sunspots are counted by looking at the Sun each day but the solar flux is measured by radio at 2.8 GHz several times a day.

The monthly **max** solar flux was: Jan 2025 234, Feb 220, March 204, April 182, May 159, June 161, July 156, Aug 317 Sept 202, Oct 184 and Nov 180. **Average 200.**

The monthly **min** solar flux was: Jan 2025 156, Feb 153, March 140, April 148, May 115, June 117, July 115, Aug 114, Sept 114, Oct 118 and Nov 115. **Average 128.**

**On December 1st, the solar flux was 180, the A index 16 and K index 1.** Previous solar cycle peaks happened in 2014, 2001, 1989 & 1979. **A current solar flux graph is indicating cycle 25 has peaked in August 2024.** At this time, NOAA has not declared a peak solar flux date. The USAF forecast for Dec 1st to Jan 14th has a range of 120-175 (55 points), with average flux 147, which is down a lot from the last quarter.

**My Prediction:** The next four months, I think the best propagation on Ten could be on: Dec 5-7th, Jan 1-3rd & 27-30th, Feb 23-26th and March 24-27th. For USA, expect a 25-45% chance of DX to South America, Europe, Asia or the Pacific. Turn on your radio to the beacons on 28.175-28.300 MHZ to first see if the band is open. If the band is closed for SSB or CW, try CQing on FT8 on 28074 for a QSO.

**One DX members joined 10-10 this fall: WH6LC #78440** is Leigh Critchlow from Hawaii. The last member to join 10-10 was Steve Hildreth **KK7GXQ #78443** in November 2025.

Thanks to the Daily DX by Bernie **W3UR #25731** and the ARRL DX Bulletins. This 10-10 DX News edition is my number 136th of DXing reports for a record 34 years.

DX news to: Mike Davidson, 26274 Whispering Pines Ave, Denham Springs LA 70726 USA Email: N5MT@aol.com.

## 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 a Scholarship Foundation meeting this November, the Foundation Board voted to guarantee the funding for three \$3,000 scholarships for 2026. The Foundation was created in 2001 and is a qualified 501(c)(3) tax exempt organization and contributions are tax deductible. Please consider a donation as a Chapter or an individual in memory of a fellow ham or loved one. This quarter Arlene Schwartz, KE6GFI, #72985 made a donation in the memory of Vi Barrett, W6CBA, #35710. Larry Banks, W1DYJ, #65485 donated in the memory of his father Sam Banks, WA1INL, #43046. If you have an employer matching program, please let us know. 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 International Net Scholarship Foundation.

We are very appreciative for the large donation we received from the Foundation for Amateur Radio, the previous administrator of our scholarships.

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 Page 23 or send your check to me or the Data Manager. Our addresses can be found on Page 22.

The members listed below became 10-10 Scholarship Foundation Supporters during the months of September, October and November and we appreciate their support.

### Platinum (\$1000 or more)

WB0CON..... Eva Donaldson ..... 53964

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

KD5HIP..... John Zumbro..... 71476

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

W1DYJ ..... Larry Banks..... 65485  
KE6GFI..... Arlene Schwartz..... 72985

## Bronze (Up to \$99)

None

### 10-10 SCHOLARSHIP APPLICANT INFORMATION

The 10-10 International Scholarship Foundation program is administered on our behalf by the ARRL Scholarship Foundation. The Foundation for Amateur Radio (FAR) previously served in this role since the inception of our scholarship program in 1988. FAR decided to discontinue their scholarship program. We are thankful for the relationship we have had with them all these years. We look forward to our new working relationship with the ARRL Details for applications can be found on the ARRL website. You can also find information on the 10-10 Website. Look for the Miscellaneous Tab and then Scholarships. 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. It is suggested that every 10-10 member encourage qualified college-bound amateur radio operators to take advantage of this opportunity. Over the past 38 years, 10-10 has funded 136 scholarships valued at \$183,000.

## 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>

**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!!!**



## Net Report

Steve Wagner, W7WHB  
(#77836)

It is a pleasure to report that our Net activity has increased significantly since the drought of the past summer. The conditions are by no means perfect. However, everyone checking into the daily nets has been blessed by many good contacts toward the awards they are striving to attain. The word from Space Weather is that the current Solar Cycle #25 may be going through a double peak. If so, it will only prolong our opportunity for making many contacts during our nets.

As a reminder, please note that official 10-10 contacts can be made on any frequency of the 10-meter band. Contacts can also be made in any mode at any time of the day. You can help promote the 10-meter band by calling CQ and getting those 10-10 contacts.

There have been many inquiries about our good friend Mike, V51MA. Mike has made his move into the capital city of Windhoek in Namibia. However, Mike has not yet got his shack or his antennas up at this time.

For all new 10-10 members, please keep in mind, if you are called upon to be a relay on the daily nets, it is NOT allowed to relay any person's Ten-Ten number back to the Net Control Station. If the person you are relaying tells you his/her Ten-Ten number, then only relay to the Net Control Station the Call Sign, first name, QTH and then "they do" or "do not" have a Ten-Ten number. If they do have a Ten-Ten number, the Net Control Station will be able to verify that number.

We are looking for someone to become a Net Control Station for Thursday. If you are interested in becoming a Ten-Ten volunteer, please send an email to [W7WHB@arrl.net](mailto:W7WHB@arrl.net) to schedule an interview.

As a reminder, the Daily Nets are conducted every day of the week except on Sundays. The nets always start at 1800 hrs Zulu/UTC. The following are the volunteers who keep our Nets running every day of the week except Sundays:

Monday - Ken – KF0OVL – Colorado

Tuesday - Randy – K7NNT – Arizona

Wednesday – Harlan-W0HLO – Colorado

Thursday - Rotating with current NCS operators.

Friday - Steve W7WHB – Arizona  
 Saturday - Augustine - WA4GQJ - Florida  
 Alternate – Tim -K1IEB – Texas

If anyone has any questions or comments in regard to Net Operations, please address an email to me at W7WHB@arrl.net. You will receive a reply.

**Net Report for 3rd Quarter 2025**

**Monday Nets**

DATE	TOTAL	NO 10X#
7-Jul	2	0
14-Jul	8	0
21-Jul	2	0
28-Jul	9	0
4-Aug	1	0
11-Aug	1	0
18-Aug	17	10
25-Aug	2	0
1-Sep	1	0
8-Sep	1	0
15-Sep	2	0
22-Sep	9	1
29-Sep	2	

**Tuesday Nets**

DATE	TOTAL	NO 10X#
1-Jul	7	0
8-Jul	9	0
15-Jul	7	0
22-Jul	7	0
29-Jul	9	0
5-Aug	8	0
12-Aug	9	1
19-Aug	18	1
26-Aug	10	0
2-Sep	11	0
9-Sep	17	0
16-Sep	10	1
23-Sep	29	7
30-Sep	27	7

**Wednesday Nets**

DATE	TOTAL	NO 10X#
2-Jul	8	0
9-Jul	7	0
16-Jul	1	0
23-Jul	1	0
30-Jul	2	0
6-Aug	1	0
13-Aug	10	0
20-Aug	1	0

**Thursday Nets**

DATE	TOTAL	NO 10X#
3-Jul	2	1
10-Jul	7	0
17-Jul	1	0
24-Jul	3	0
31-Jul	2	0
7-Aug	10	2
14-Aug	2	1
21-Aug	1	0

**Wednesday Nets (Cont.)**

DATE	TOTAL	NO 10X#
27-Aug	10	0
3-Sep	10	0
10-Sep	18	7
17-Sep	7	1
24-Sep	23	4

**Thursday Nets (Cont.)**

DATE	TOTAL	NO 10X#
28-Aug	14	1
4-Sep	11	0
11-Sep	15	6
18-Sep	21	3
25-Sep	12	2

**Friday Nets**

DATE	TOTAL	NO 10X#
4-Jul	5	0
11-Jul	7	0
18-Jul	8	0
25-Jul	10	0
1-Aug	9	0
8-Aug	10	1
15-Aug	8	0
22-Aug	8	0
29-Aug	25	7
5-Sep	24	7
12-Sep	10	0
19-Sep	31	10
26-Sep	27	8

**Saturday Nets**

DATE	TOTAL	NO 10X#
5-Jul	16	10
12-Jul	3	1
19-Jul	1	0
26-Jul	8	0
2-Aug	9	6
9-Aug	1	0
16-Aug	18	12
23-Aug	8	0
30-Aug	31	17
6-Sep	20	4
13-Sep	3	1
20-Sep	24	0
27-Sep	13	2

**10-10 NET CONTROL STATIONS**

**ALL NETS BEGIN AT 1800Z**

Monday	Ken (KF0OVL)	#78383	CO
Tuesday	Randy (K7NNT)	#78391	AZ
Wednesday	Harlan, W0HLO	#19595	CO
Thursday	Open		
Friday	Steve, W7WHB	#77836	AZ
Saturday	Augustine, WA4GQJ	#78026	FL
Alternate	Tim, K1IEB	#	TX
Sunday	<b>NEVER ON SUNDAY</b>		



# QSO Parties

Dan Morris, KZ3T  
(#41015)

## 2025 Sprint QSO Party

October 10

### TOP TEN

CALL	10-10#	CTX W	CTX WO	TOTAL
1. AD6WL	72740	51	150	252
2. N4ILE	36454	18	17	53
3. KE0MIZ	77647	12	14	38
4. AB6QM	63114	6	18	30
5. KD5ILA	77652	11	7	29
6. K7QXG	5956	11	5	27
7. WH6LU	65878	9	6	24
8. KZ3T	41015	3	12	18
8. WA4JA	72743	2	14	18
9. AA1CX	46677	5	7	17
9. WB4WXE	7010	6	5	17
10. NH7PE	74456	6	2	14

### CALL AREA ORDER

#### CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
AA1CX	46677	0	16	16
N1API	25468	2	0	4

#### CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ERM	34524	5	3	13

### CALL AREA 4 (Cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
W4CMG	77738	2	0	4
KZ3T	41015	1	0	2

### CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
KG5SSB	77934	5	5	15

### CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
N6GP	21149	1	0	2

### CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
WB7UOF	29034	34	69	137

### LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
WB7UOF	29034	34	69	137
AA1CX	46677	0	16	16
KG5SSB	77934	5	5	15
N4ERM	34524	5	3	13
N1API	25468	2	0	4
W4CMG	77738	2	0	4
KZ3T	41015	1	0	2
N6GP	21149	1	0	2

### CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
W0IZ	0	35	66	136	0
N5MT	24949	17	27	61	0
NM5H	68588	17	27	61	0
N1DAE	0	1	0	2	0

**2025 Fall CW QSO Party**

**Oct. 18 - 19**

**TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. WB7UOF	29034	34	69	137
2. AA1CX	46677	0	16	16
3. KG5SSB	77934	5	5	15
4. N4ERM	34524	5	3	13
5. N1API	25468	2	0	4
5. W4CMG	77738	2	0	4
6. KZ3T	41015	1	0	2
6. N6GP	21149	1	0	2

**CALL AREA ORDER**

**CALL AREA 1**

CALL	10-10#	CTX W	CTX WO	TOTAL
AA1CX	46677	0	16	16
N1API	25468	2	0	4

**CALL AREA 4**

CALL	10-10#	CTX W	CTX WO	TOTAL
N4ERM	34524	5	3	13
W4CMG	77738	2	0	4
KZ3T	41015	1	0	2

**CALL AREA 5**

CALL	10-10#	CTX W	CTX WO	TOTAL
KG5SSB	77934	5	5	15

**CALL AREA 6**

CALL	10-10#	CTX W	CTX WO	TOTAL
N6GP	21149	1	0	2

**CALL AREA 7**

CALL	10-10#	CTX W	CTX WO	TOTAL
WB7UOF	29034	34	69	137

**LOW POWER**

CALL	10-10#	CTX W	CTX WO	TOTAL
WB7UOF	29034	34	69	137
AA1CX	46677	0	16	16
KG5SSB	77934	5	5	15
N4ERM	34524	5	3	13
N1API	25468	2	0	4
W4CMG	77738	2	0	4
KZ3T	41015	1	0	2
N6GP	21149	1	0	2

**CHAPTER ENTRIES**

CHAPTER	LOGS	PTS
POSSUM TROT	2	15
CASTLE CRAIG	1	4

**CHECK LOGS**

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
WD0ETG	78024	2	0	4	0
YD4FYI	0	0	2	2	0

**2025 Fall DG QSO Party**

**November 8 - 9**

**TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. KD5ILA	77652	4	1	9
2. KK4PJ	41188	1	2	4
3. N1API	25468	1	0	2
3. N5PTA	77891	1	0	2

**CALL AREA ORDER**

**CALL AREA 1**

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	1	0	2

**CALL AREA 4**

CALL	10-10#	CTX W	CTX WO	TOTAL
KK4PJ	41188	1	2	4

**CALL AREA 5**

CALL	10-10#	CTX W	CTX WO	TOTAL
KD5ILA	77652	4	1	9
N5PTA	77891	1	0	2

**LOW POWER**

CALL	10-10#	CTX W	CTX WO	TOTAL
KD5ILA	77652	4	1	9
KK4PJ	41188	1	2	4
N1API	25468	1	0	2
N5PTA	77891	1	0	2

**CHAPTER ENTRIES**

CHAPTER	LOGS	PTS
CASTLE CRAIG	1	2

**CHECK LOGS**

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
KH7CN	77896	0	1	1	0

# ELECTION 2026

## CALL FOR NOMINATIONS

10-10 International holds an election every two years. In the year 2026 we will be electing the President, and three (3) Directors, whose terms will commence January 2027. The organization does not run itself, so if you have ever thought about participating in the running of our organization, this is a great opportunity to do so! Nominations must be sent to the Nomination Committee prior to May 1, 2026.

The Nominating Committee develops a slate of eligible candidates by May 15, 2026. The chairman of the committee will provide each potential nominee with information regarding eligibility and specifying the information required by the committee. The chairman of the committee will notify members selected by the Nominating Committee, in writing. Members not selected by the committee may petition for candidacy by having a petition signed by 50 full members and presented to the Secretary by June 15, 2026. A nomination information form is required and is available from the Nominations Committee Chairperson. Further questions concerning the election/nomination process may be addressed to Larry Berger, WA2SUH #407 [wa2suh@aol.com](mailto:wa2suh@aol.com).

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

In accord with the bylaws, to qualify for nomination to be an Officer or Director of 10-10, a member must have been a Current Member for at least two (2) years of a three year membership (or longer) immediately preceding his/her nomination. Those wishing to be nominated for office must be selected by the Nominating Committee or by a separate petition of candidacy. Each member of the board must maintain membership in "current" status during his/her term of office.

### **SELECTION BY THE NOMINATING COMMITTEE**

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

### **PETITION FOR CANDIDACY**

Members and nominees not selected by the nominating committee may petition for candidacy. Such petitions shall be signed by 50 current members and submitted to the Secretary by June 15, 2026.

### **BIOGRAPHICAL SKETCH**

All Candidates, whether selected by the Nominating Committee or by Petition, must submit a biographical information form and biographical sketch. The Nominating Committee will use this information in the process of selecting a slate of Candidates. Those who petition for nomination must submit a biographical information form to be provided by and returned to the Secretary. This biographical outline, not to exceed 200 words of narrative, shall be printed in the July 2026 issue of the 10-10 News.

### **NOTIFICATION OF POTENTIAL NOMINEES**

The chair of the Nominating Committee shall notify members selected by the Nominating Committee to be candidates in writing. The chair of the Nominating Committee shall also notify, in writing on or before May 15, 2026, members who are not selected by the nominating committee, and inform them of the proper method of placing their names in nomination by petition.

## ELECTION TIME LINE

- ☑ Call for Nominations will be printed in the January and April 2026 edition of the 10-10 NEWS.
- ☐ 1 May 2026 - Candidates must have names and bios to Nominating Committee.
- ☐ 15 May 2026 - Nominating Committee will develop slate of candidates and notify members who applied but were not selected.
- ☐ 15 June 2026 - Deadline for Petitions for Candidacy to Secretary.
- ☐ Ballots and all Candidates' bios to be printed in July 2026 edition of the 10-10 NEWS.
- ☐ 1 October 2026 - **"In Hand"** Deadline for return of Ballots.
- ☐ 1 November 2026 - Election results posted on 10-10 Web Site.
- ☐ 1 January 2027 - Newly elected officers take office.
- ☐ Election results posted in January 2027 edition of the 10-10 NEWS.



# Silent Keys

Mark Steele, W2MWS  
 (#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
01703	K4MIJ	Ralph S. Bible - Limestone, TN
01991	W1ZQR	Joseph L. Kenick - Exeter, NH
05965	W5MZM	J. Ellis Heustess - Albuquerque, NM
07285	WA8CDU	William C. Robbins - Kalamazoo, MI
09316	WA8NOI	William G. Lutman - Munroe Falls, OH
11550	K2SJ	Robert C. Johnson - Voorhees, NJ
11775	AG5Z	Larry G. Morgan - Purvis, MS
12339	W6SHP	Howard L. Sodja - Hercules, CA
12651	KB3RA	George Gusty Jr. - Millsboro, DE
13502	W4ALE	Ronald B. Fisher - Jefferson, GA
14300	K1OF	Roger F. Wise - Wabasha, MN
16881	W9BDN	Stephen G. Conrad - Morton, IL
17739	K4MLR	Robert W. McKenzie - Decatur, AL
18594	W6KM	Richard M. Letrich - San Jose, CA
18958	W8UV	Philip M. Roberts - Milford, DE
20033	K4AC	Doug Rehman - Reedy, WV
20260	W7CZA	Clyde E. Rogers - Spokane, WA
21537	WA2SLK	Charles C. Burke - Farmingdale, NJ
22497	W3HHN	Timothy M. Young - Mechanicville, NY
22859	WD5DHF	Robert H. Brennan, Jr. - Arlington, TX
22921	WB7UPI	Leander E. Houghland - Billings, MT
25507	VE7OP	Sherron D. Jones - Vernon, BC
25907	G4BLS	Peter Appleby - Hailsham, --
27678	N2DKB	Clarence V. Daily - Fishers, IN
28340	N4BXB	Herbert B. Switzer - Gastonia, NC
29884	KC0DZ	Harry R. Lukefahr - Advance, MO
30440	K8AKF	Charles V. Bailey - Ashville, OH
30792	KI5MS	Roger L. Christiansen - Anna, TX
31086	KQ5W	George E. Walker, Jr - Spring, TX
31297	KB4ZW	Fred L. Ginn - Lander, WY
31787	KU2US	Kenneth J. Villone - Conesus, NY
35472	KU8C	Robert Robinson - Parkersburg, WV
35722	K4ESE	Neill M. Singletary, II - Lake Waccamaw, NC
36051	W8QFN	John W. Ackerman - Kent, OH
38117	KE8FD	Gary L. Flynn - Mount Vernon, OH
38637	WA1WQM	Kathryn M. Wilson - Shelburne, VT

10-10#	Call	Name - City, State
38806	N4EJF	Joe W. Davis - Selma, AL
38868	KE5PO	Stewart W. Long - Corith, MS
41359	KA8MCL	Lee Boboltz - Cincinnati, OH
41359	KA8MCL	Lee M. Boboltz - Cincinnati, OH
44163	KD3RN	Ray A. Krohn - Danville, PA
46631	N3CS	Christopher M. Smith - Youngsville, NC
47058	KE2IL	Salvatore DiQuattro - Cornelia, GA
48980	KL7LF	Joe Voelkelt - Greeley, CO
52294	KM4JP	Edith E. Eltzroth - Deland, FL
52729	VP5JM	Jody O. Millspaugh - Lake Worth, FL
53810	WB2WHQ	Edward F. Kaczmarek - Sayreville, NJ
57398	W9KE	Tom E. Doyle - Middleton, WI
58401	KB5LTQ	Charles E. Stansbery - Ada, OK
60095	K5AUW	Robert A. Rodriguez - San Antonio, TX
61327	KB5PUZ	Chuck P. Dunkel - Texas City, TX
64408	N4ND	Sue E. Shepherd - Soddy Daisy, TN
66287	N5PHT	Gary R. Stone - Louisburg, KS
67285	N4AAY	Daniel G. Printz - Frisco, NC
68717	KM5GZ	Robert C. Coxsey - Edmond, OK
68987	NE6M	William P. Fawns - Bakersfield, CA
69252	W4BUE	Richard L. Siff - Chesapeake, VA
72071	K4KXO	Kenneth B. Ferguson - Lexington, SC
73041	W9UHL	Louis Uhl Disinger - Santa Claus, IN
73356	N1VP	Earl A. Carron - Leesburg, FL
75817	N6MM	Joseph A. Colouch - Newark, CA
76350	W5DXR	Floyd R. Swanger - Fresno, CA
77560	K1DJ	Richard L. Hoffman - Scituate, MA

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

Mark 73, W2MWS #77596

### ARTICLES

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

# TEN-TEN 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	N5XZ	4530
3.	11400	DL8YBM	4530
4.	10800	N1API	25468
5.	9800	N5DAS	35877
6.	8800	AC6FU	10937
7.	8100	WB3FGU	16728
8.	7600	WD4MQQ	36265
9.	6500	LU1BJW	39329
10.	6400	WB0VBW	44376

## TOP TEN CLUB

No.	CONTACTS	CALL	10-10#
1.	10100	WD0SFT	37933
2.	4400	K6MQ	71487
3.	3700	DL0X	75555
4.	2100	W8PGW	74726
4.	2100	VE4WSC	50470
6.	2000	W1NRG	29650
7.	1300	WB2HIW	38770
8.	1200	NM5MD	72385
8.	1200	W4MNM	75450
10.	1000	4U1ITU	11111

On the 10-10 website under the Activity tab, you will find Historic bar award achievements of our silent keys,

## 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:kevinemtid@tvconnect.net">kevinemtid@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:wb0ckml@lobo.net">wb0ckml@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>

## WHERE DOES GAIN COME FROM?

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.

Earlier (Issue 3 – 2015) we looked at 3 antennas modeled in free space: a dipole, a 2-element Yagi, and a 3-element Yagi. All were made from aluminum tubing and all were monoband antennas with no traps or other lossy components. The patterns we showed made it clear that the 3-element Yagi had the most gain and the highest front-to-back ratio. But that does not make it very clear from where the gain comes, given a constant transmitter output.

Figure 1 repeats the azimuth patterns to refresh our memory. An azimuth pattern is like standing over the antenna and seeing its radiation. For free space

patterns, we use 0° elevation, since the pattern is strongest straight on. Over ground, we generally use the elevation angle of maximum radiation (also called the “take-off” angle) for general comparisons. The patterns in the figure are for antennas at a height of 1 wavelength, and all three have a take-off angle of 14 degrees.

The azimuth pattern does not give a whole picture of where the power is going. It does show that the beams project more power in the forward direction than the dipole, while “robbing” power from the rear. In reception terms, signals from straight ahead are strongest and weakest to the rear. However, they are weakest of all off the sides of the antennas.

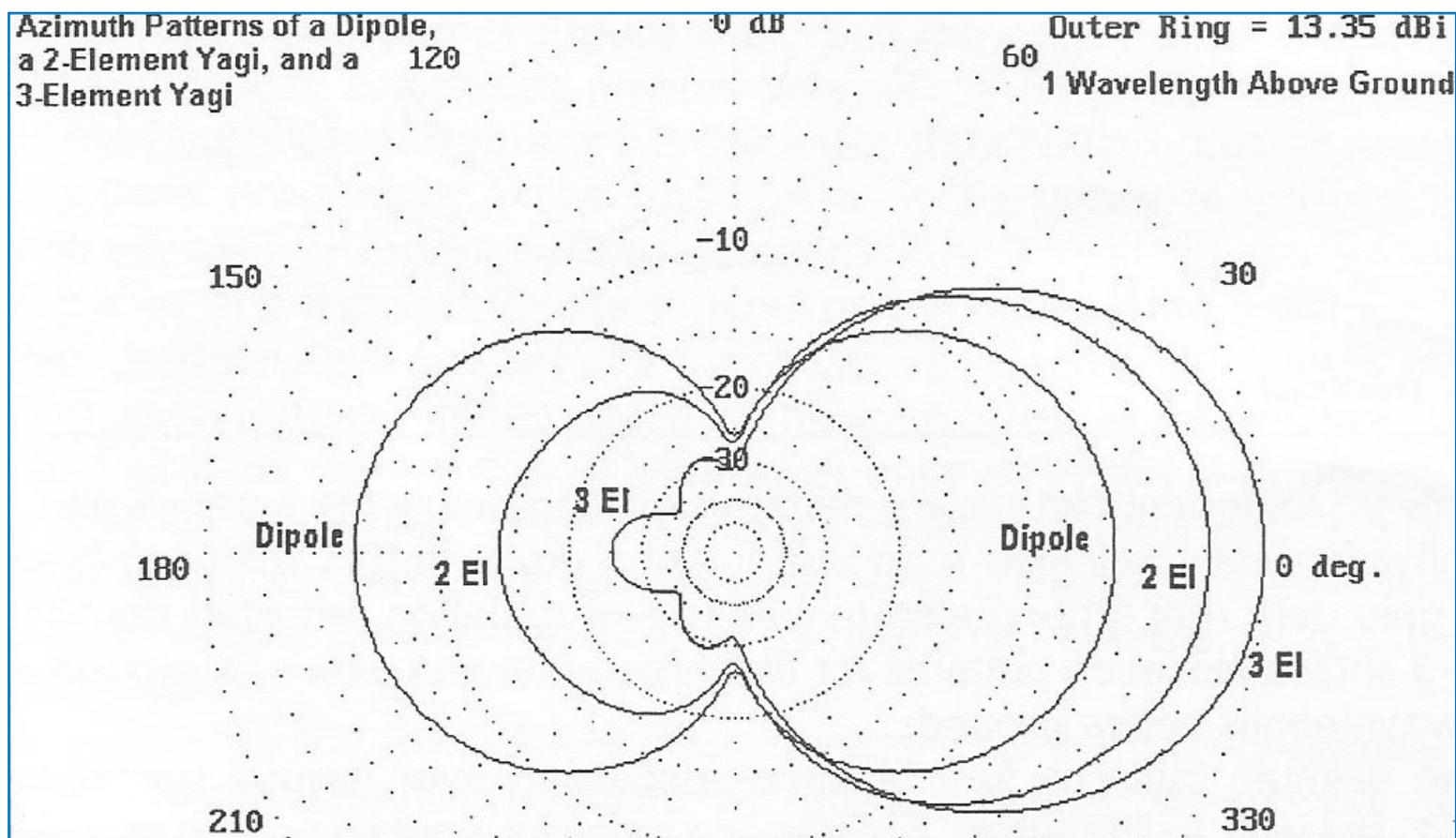


Figure 1. Azimuth Patterns v.s. Number of Elements

To accurately see the power pattern of an antenna, we must also look at it from the side in an elevation pattern. An elevation pattern is like standing beside the antenna and looking through the aluminum tubes, while seeing the radiation. Figure 2 gives an elevation pattern in free space for the same 3 antennas (3-element Yagi, 2-element Yagi, and dipole). (Free space is like being in “outer space”, that is, there is nothing in any direction to reflect any of the radiation from the antenna. So the pattern extends downward as well as in all other directions.) Notice the displacement of the beam antenna patterns to the right, which corresponds to the forward lobe of the beam antenna azimuth patterns.

Only an astronaut can have a pattern radiating below the antenna site. On earth (or any other planet), radiation from the antenna downward is reflected back upward. Antenna gain over real ground also makes use of radiation reflected

from the ground. Figure 3 shows elevation patterns for the three antennas over real ground at 35 feet, about 1 wavelength above ground.

The azimuth patterns for both free-space and over ground resemble those of Figure 1, but with a difference. Free-space patterns would be taken at a zero-degree elevation angle – that is straight ahead (to the direct right in Figure 2). As we noted earlier, patterns for antennas over ground use the angle of maximum power, the take-off angle. The elevation patterns in Figure 3 display this angle clearly and show that horizontal antennas above a real ground have a number of higher angle lobes as well as the main lobe. The complex pattern results from adding and subtracting reflected radiation from the above-ground pattern, depending on its relative phase.

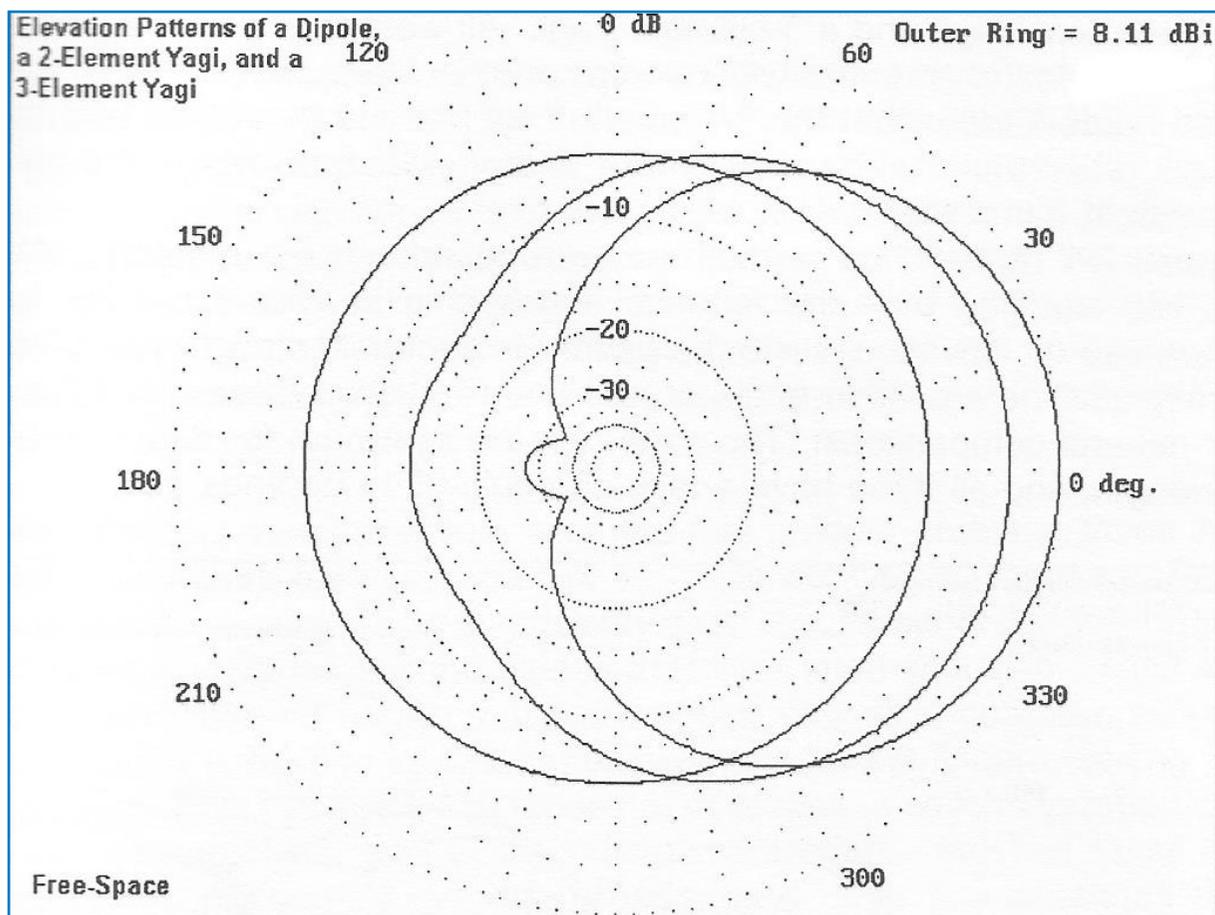


Figure 2. Elevation Patterns v.s. Number of Elements in Free Space

Comparing Figure 2 and Figure 3 can lead to a possible misunderstanding, since the apparent radiation patterns are the same size in the two graphics; that is, the radiation just reaches the outer ring. However, that way of styling our drawings is just a convenience for making comparisons within each drawing. In actuality, the power in the lowest lobe of Figure 3 for each type of antenna is much greater than the power in just the horizontal direction of Figure 2. See the gain values in the upper right corners of each figure. Expressed another way, all of the power represented by the spheres or near-spheres in Figure 2 is flattened, thus putting greater power into the lobes that extend horizontally. The total power in the lobes is a result of adding reflections to the main or incident power going that way.

The next result is that the ultimate superior performance of the 3-element Yagi over the other two antennas is a product of 2 major factors. Each antenna over ground has gain over the same antenna in free space. (This gain is true of all antennas.) Second there is the directional gain of one antenna over another by virtue of design. Both of these gain sources are matters of taking antenna power from one direction and putting it into another direction. So gain is always a matter of finding where the strongest part of our radiation goes. The net radiation in all directions remains as constant as the power level we use.

However, since the gain of one antenna relative to the gain of another antenna can be both calculated and controlled by good antenna design, we can – within limits – achieve a good bit more success than early radio pioneers in making

and maintaining radio communications. The top antenna in our collection is far from the best forward gain achiever ever designed. Yagis may have any number of elements up to the limit that one might support on a boom – even if we add trusses to the boom. Other types of designs, such as rhombics, are also capable of very high gains. However, gain always comes at a price: size. Moreover, gain alone is not always the only advantage we want. A good front-to-back ratio is a measure of how well an antenna rejects QRM from the rear.

Sometimes, we do not want all of the gain and front-to-back ratio that we can obtain in a large antenna. For example, for local net operations, a 2-element Yagi seems to work best for me. It has some gain over a dipole, but the lower front-to-back ratio lets me hear (at a weaker level) when someone behind me wants to check into the net.

From some types of operation, any kind of a directional antenna may be too directional, even the bi-directional dipole. For VHF repeater work, we tend to use omni-directional vertical antennas when we are mobile or when using a handi-talkie. In both cases, we are constantly changing our orientation to the fixed repeater site. So having equal radiation in all directions becomes an advantage, even if that radiation is weaker in any given direction than if we could point a multi-element beam toward the repeater.

So the aim of these notes is not necessarily to promote gain except where it will help us with the job we need to get done. Instead, the point is only to understand where antenna gain comes from.

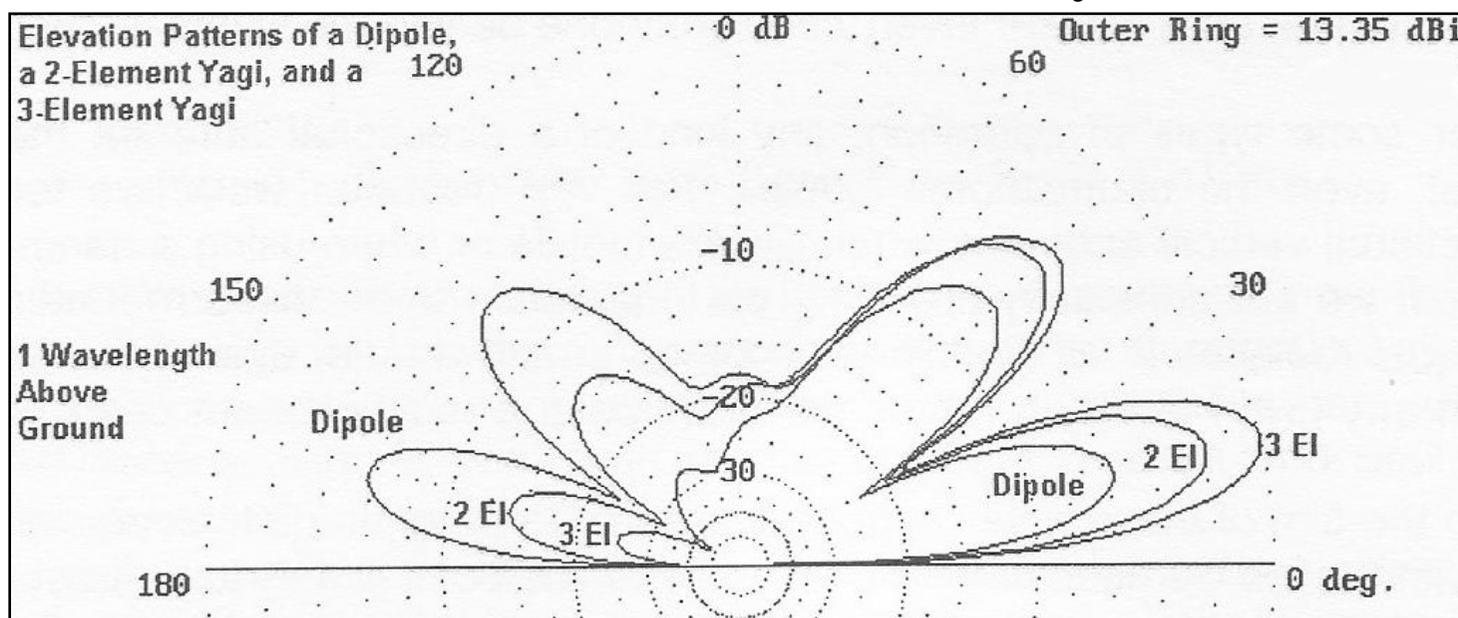


Figure 3. Elevation Patterns v.s. Number of Elements over Ground

# Meet The Volunteers

AI5DQ, Derek .....	Hamfest Booth	N1API, Al .....	Committee Member
AJ7B, Randy.....	Editor	N3GTY, Bill .....	Committee Member
G4BLH, Mike .....	Awards - GB	N5MT, Mike.....	Awards - DX
K1IEB, Tim.....	Net Control	N7UQ, Chuck .....	Director
K5BKT .....	Peg, Committee Member	N7YG, Jeff.....	IT Manager
K7NNT, Randy.....	Net Control	NF0J, Dave.....	President/Data/Supply Mgr
KB1MJ, Martin.....	Director	NP2MR, David.....	Committee Member
KC4HIT, Mark .....	Awards-Counties	NS6X, John .....	Committee Member
KE0MIZ, Rob.....	Awards-1000+ Bars	NZ1I, Kevin.....	Awards – WAC
KF0OVL, Ken .....	Net Control	VA7GY, Garry .....	Committee Member
KG5RJ, Greg.....	Committee Member	W2MWS, Mark .....	Director
KI5ELV, Tom .....	Awards-VP Bars	W5DJT , David .....	Committee Member
KI5WSR, Tom.....	Hamfest Booth	W5SUM, Ronnie.....	Historian
KI6OY, Lee .....	Awards-CW	W7WHB, Steve.....	Director
KJ5SZ, Hugo .....	General Counsel	W0FLZ, Paige.....	Awards-Mobile
KM4ODS, George .....	Director	W0HLO, Harlan .....	Net Control
KM5EH, Marcus .....	Director	WA2SUH, Larry .....	Vice Pres./Scholarship Mgr
KM5FF, Ed.....	Awards-WPX	WA4GQJ, Augustine.....	Net Control
KR7RK, Keith .....	Treasurer	WA4KUP, Brad .....	Committee Member
KZ3T, Dan.....	QSO Party Manager	WB0CON, Eva.....	Awards - WAS

## 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 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.

**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: 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 three QSO Parties held throughout the calendar year:

**Winter Phone** - held on the first full weekend in February  
0000 UTC Saturday through 2359 UTC Sunday.

**Summer Phone** - held on the first full weekend in August.  
0000 UTC Saturday through 2359 UTC Sunday.

**Sprint** - a 24 hour event held on October 10th (10-10).  
0000 UTC through 2359 UTC.

**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. The Winter and Summer 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 (except weak signal) 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/YXL 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. 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. Safety is paramount while operating mobile. Mobile stations will receive awards within their own category and will not be included in the individual sections or Top

Ten in the World.

**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. Ensure there are no duplicate entries in your log. Any log showing 10% or more errors may be handled as a check log. A station may be counted only once regardless of mode.

**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 may not be assigned.

**5.2.9 QSO PARTY ENTRIES**

Logs shall be forwarded to the QSO Party Manager as identified in the 10-10 NEWS or on the 10-10 web site. It is strongly suggested that logs be sent as soon as possible after the close of the event. It is also recommended that DX logs should be sent via email when possible or use 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), and QTH. 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 unless that day is a holiday, then it will be a Tuesday) 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, than the postmark deadline shall be October 19th.

## TEN-TEN QSO PARTY RULES

**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 utilized in all categories.

**5.2.11 10-10 SPRINT (October 10) QSO PARTY**

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

**5.2.12 W6OI SPECIAL EVENT**

**This event has been cancelled.**

**5.2.13 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.

**2026 Ten-Ten QSO Party Schedule**

Event	Dates	Postmark
Winter Phone	Feb. 7-8	Feb. 17
Summer Phone	Aug. 1-2	Aug. 10
Sprint	Oct. 10	Oct 18

**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/handle (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.  
PO Box 1110  
Elephant Butte, NM 87935**

***SCHOLARSHIP DONATIONS***

Donations to the 10-10 Scholarship Foundation are encouraged by our members to help fund three \$3,000 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 page ???. 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**

# 10-10 QSO PARTY COVER SHEET

## QSO Party *(select one):*

WINTER PHONE       SUMMER PHONE       10-10 SPRINT

## 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):*

LOW POWER       HIGH POWER       QRP       MOBILE  
 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).**

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