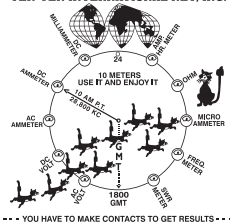


TEN-TEN INTERNATIONAL NET, INC.



TEN-TEN INTERNATIONAL **NEWS**

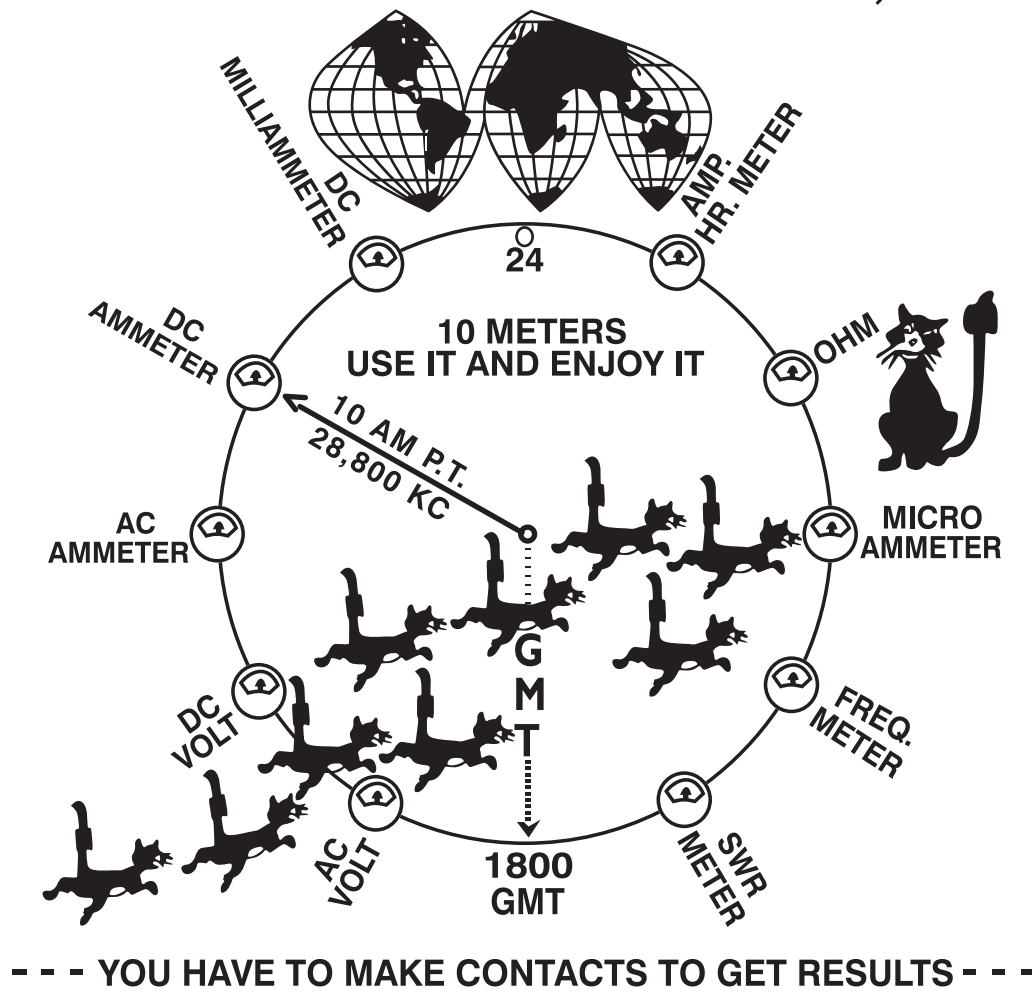


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News items should be sent to the Editor. Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted must be typed, and sent on computer disk or E-mail. Suitable formats will be provided upon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

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E-mail: editor@ten-ten.org

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

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

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

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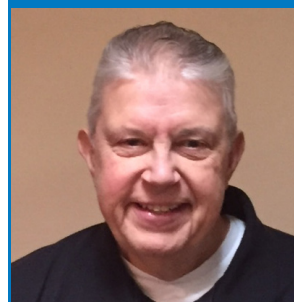
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From the Editor

Randy Mather, AJ7B
 (#7675)

The end of 2022 is quickly approaching and with that we will see some different members take their positions on the Board of Directors. I want to thank Mel for his leadership and all the time he has devoted to this organization. I know you won't be off of the Board Mel, so I know you will still be helping guide us toward our present and future goals. A job well done sir!

In this issue you will find an article by one of our members: Mat Vurek (N4DLA) on 10-Meter QRP experience. It is always great to get articles from the membership to share with the other members. Thanks Mat for sharing your experience. I would like to see more stories like this one for publishing in this newsletter.

As I was writing my last editorial comments for the previous newsletter issue, Field Day hadn't happened yet. Well, although 10 meters was very uncooperative, my club (WA7LAW) had a good turn out of support. We were 4A this year and made 488 contacts. Not a lot when you look at so many other "A" stations who participated. But as our first Field Day get together since COVID, I think we did very well. I was happy to see quite a few new hams come to the site and being helped getting on the air by our seasoned club members. Another issue that I became aware of is, I was the only one to work CW during the event. Just part of the "old guard" I guess.

I was very disappointed in the participation in this year's Weak Signal QSO Party. Only four people submitted logs. I spent a lot of time trying to make contacts and would always send my 10-10 information during each QSO. Only four contacts came back with their 10-10 information. Well, some modes just aren't as exciting as others I guess.

On the other hand, I was very encouraged by the number of logs submitted for the Summer Phone QSO Party. Dan received 115 logs for this party. Definitely showing an up-tick in propagation on 10 meters. I am looking forward to working the Fall QSO parties.

As this year comes to a close, I wish you all the best for this upcoming holiday season. Maybe we will meet on 10 meters.

Randy AJ7B #7675



From the President

Mel Sojka KD5DE
#33513

UPPER-LEVEL QRM

Well here it is the pop pop fizz fizz what a relief it is final article from me as your President. The past four years have been quite an adventure. I have been blessed to serve in this position for 9 of the past 11 years. I took a two-year break when I lost the love of my life after 50 years of marriage. I returned to see the appearance of FT8 and a world-wide pandemic, Both of these events had an impact on Amateur radio. And they continue to linger.

The Covid19 pandemic is like some weird sci-fi flick come to life. It caused hamfests to be canceled and in one case caused a very large one to disappear forever due to legal and financial issues. These events have always had a positive impact on our hobby. They allowed us to put faces with contacts and call signs. This allows one to create an extended family and develop meaningful friendships instead of just a contact. Having most of them return this year has been a blessing to those in attendance. The Shreveport hamfest returned last year and was not as big as before. However, this year it returned with a bang. The Huntsville event did take place last year, but I was on the docket for open-heart surgery so could not attend. The Orlando Hamcation returned as a physical event this year and had good attendance as well as the Hamvention as I reported previously. This year the Shreveport event was very successful. Since I just returned from Huntsville as I compose this report, I have not seen the official numbers. It did compare favorably to the same event in 2019.

The FT8 issue continues. More and more the popular opinion has become that even though it can detect very weak signals, the lack of a human exchange leaves much to be desired. Personally, I find more enjoyment using WSPR at levels less than 5 watts to determine 10-meter band conditions. It is all automated, but some are doing almost the same with the point and click on FT8. When the mode first began, I was constantly questioned about 1010 supporting the mode. There were threats that they would leave the organization if we did not support it. As long as a complete exchange is made, we support any mode. Why should we give an advantage to that mode over the others. Seems like the tide is changing a bit. The weak-signal QSO party

only rendered 8 logs for the event this year. That same weekend, I made 27 CW contacts. Yes, all on 10 meters! I just saw the results of the summer QSO party. 115 logs were submitted this year. I will never forget my Hong Kong contact running 5 watts with an Argonaut 509 many moons ago. Also, my first Russian contact running 7 watts mobile with a converted Citizens Band rig. I recall their names and have become quite close to my friend Tom, RA6AR. I don't think that would have been the case with an FT8 contact.

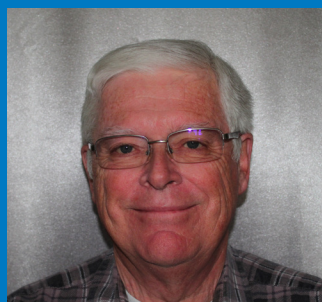
One of the things I was really looking forward to was going to a hamfest as just an amateur. Well, due to the tumor removal and the Dacron patch on my heart, I am not supposed to travel alone for more than 4 hours. That did not sit well. But maybe I will get lucky and find a young lady with a thing for grandfather types. Hi Hi. Of course, I can travel with a nurse, but that is not much fun. Did that for the Hamvention event and apparently the nurse enjoyed being paid to travel?

Since this is my last article, I must take this opportunity to thank all the Directors and Officers that have served so well since 2011. Since we do operate under Roberts Rules, I only preside. The BOD is the heart of 1010 and their decisions have consistently been the correct call at every turn. Many of our officials have been on board for quite a few years. Their dedication is exemplary and beyond a simple thank you.

I welcome aboard our new President David NF0J #19553 and look forward to his first article in January. I also welcome our newest Director, Chuck N7UQ #72774, who I had the pleasure working with at the Shreveport Hamfest. Our Vice President, Ron W5SUM #2019, and his young bride Phyllis, K5PLH #77878, have stepped up to assist in manning the tables at some of the major events. This is truly a blessing since the new president is in New Mexico. Travel could become an issue since the show materials must be carried. These events are critical to the well being of 1010. Over the past nearly 40 years we have had a presence at the Hamvention and then a bit later Hamcation and Huntsville. I have traveled to over 12 events and always had some degree of success. I have encouraged our officials to acquire tables and attend events within 250 miles of their home. There are supplies available and the expenses are reasonable and within reason. I have actually set up stations at the major events and qualified new members. In the long run, the benefits are hard to imagine and the effort is justified.

Well as I prepare to mount my trusty steed and ride off into the sunset, I must stop and thank each one of you for your support and understanding over the past 11 years. I look forward to working you on 10 since I am stuck at a few over 5000 on my bar award.

God Bless & 73
Mel KD5DE #33513



Chapter Coordinator

Jim Fox, KA0ZPP
(#43428)

GENERAL NEWS

- 1) **All CH/CM:** 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.
 - 2) This will be my last report as Chapter Coordinator. Newly elected Director Chuck Dockery, N7UQ, will assume this position effective January 1, 2023. I will let him introduce himself to you in the January issue of the NEWS. It has been a pleasure to give something back to Ten-Ten over the past several years. Ten-Ten has certainly provided me with lots of fun (and challenges!) since I first became a member over three decades ago. Special thanks to all the CH/CM who have helped me by providing me with timely Chapter Reports and news items during my term. It has been your contributions that have kept this column interesting and not just a listing of "reports due." I urge you to continue to send such informative items to Chuck. If I receive any reports/news during our transition period, I will forward them to Chuck. See you on the air!
 - 3) Reminder of Quarterly Reports Due: **In Extremis** (no report in over a year): Fort McHenry/ Cornerstone/Yodar Kritch, Hanse, Speedway. **Past Due** (no report received during the prior quarters when due): Chief Seattle, Major League Baseball, Tango. Reports received after August 21 (date of this report) are not included here and will be acknowledged in the Chapters section of the 10-10 website.
- Chapter Reports **Due during fourth quarter 2022:** Bauxite (November), City of Lights (November), Down Under (December), New Mexico Mud Ducks (December). Note that Quarterly Chapter Reports may be sent any time. The months indicated here are the dates in 2021 in which the last report was received.
- 4) I thank **ALL CH/CM** who sent me a complete report during 2021 so I have up to date contact and net information. Other chapters, please send me a complete report so I will have up to date information to turn over to Chuck, N7UQ. See 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 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.

5) Poor propagation in recent years has certainly affected Chapter Net activity. But hang in there – conditions are improving. One of the primary purposes of Ten-Ten International is to promote activity on this band, especially in such times as these.

CHAPTER NEWS

- 1) The **Gateway Chapter**, located in St. Louis, MO, celebrated their 50th year of activity on their Wednesday evening net on June 15, 2022. The **Gateway Chapter** plans to make their anniversary a year-long celebration and invites everyone to join them. They thank all past chapter members and the assistance provided by Ten-Ten International that have allowed them to celebrate their 50 Years of joy.
 - 2) I regret that since Robert, KA5VVD, became SK, the **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 me or Chuck.
 - 3) **Down Under** CH Bob, ZL1AFU, reports that there are no longer sufficient 10-10 members in New Zealand to qualify potential new members for their own number. Now that propagation is beginning to improve, point your antenna toward the South Pacific and help them out.
 - 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.
 - 5) Chapters below accept email upgrades as of August 21. 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. Requirements peculiar to a particular chapter are noted.
(** 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, z11afu@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

Major League Baseball – CM N6OPR, n6opr@msn.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.

Jim Fox, KA0ZPP, PO Box 135 Mayhill NM 88339, email: ka0zpp10ten@gmail.com

TEN-TEN NET GUIDE

As of September 1, 2022

DAY	ZSUM	ZWIN	Chapter Name	Location	Freq	DAY	ZSUM	ZWIN	Chapter Name	Location	Freq
SUN	0001	0100	Chesapeake Bay	Chestertown, MD	28345	WED	0001	0100	Castle Craig	Meriden, CT	28375
SUN	1300	1400	Arlington	Arlington, VA	29200	WED	0100	0200	Cincinnati Area Ten	Cincinnati, OH	28430
SUN	1400	1500	Neanderthal	Bergkamen, DL	28355				Tuners		
SUN	1700	1700	Major League Baseball	Gilbert, AZ	28380	WED	0100	0200	Houston SHOT	Houston, TX	28488
SUN	1900	2000	Oregon Trail	Dallas, OR	28330	WED	0200	0300	10 Bar X	El Paso, TX	28445
SUN	1930	1930	North Georgia	Atlanta, GA	28410	WED	1400	1500	EU DX/Branding Iron/	Bergkamen, DL	28355
MON	0100	0100	Arizona Desert 10-10	Phoenix, AZ	28445				Hanse		
			Net			WED	1930	1930	Route-66	Boonville, IN	28370
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	0100	0200	Gateway	St. Louis, MO	28650
MON	0100	0100	Lonestar	Arlington, TX	28460	THU	0100	0100	Cow Town	Arlington, TX	28460
MON	0130	0230	Bauxite	Benton, AR	28470	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
MON	1730	1730	Chief Seattle	Seattle, WA	28430	THU	0230	0230	Windfarms	Livermore, CA	28485
TUE	0001	0100	Ft McHenry/Corner-	Arbutus, MD	28370	THU	0230	0330	Up The Crick	Eugene, OR	28450
			stone/Yodar Kritch			THU	1930	1930	Speedway	Rainer, OR	28350
TUE	0100	0200	CO Centennial/CO	Lakewood, CO	28340	FRI	0001	0100	Fort McHenry/Corner-	Arbutus, MD	28370
			Frontier Gang						stone/Yodar Kritch		
TUE	0100	0200	City of Lights	Aurora, IL	28150 CW	FRI	0001	1000	Steamboat Plus	Shreveport, LA	28430
TUE	0130	0230	City of Lights	Aurora, IL	28720	FRI	0300	0400	Chief Seattle	Seattle, WA	28430
TUE	0130	0230	Bauxite	Benton, AR	28470	FRI	2230	2130	Down Under (Summer	Auckland, ZL	28530
TUE	0300	0400	Bay Area	Hayward, CA	28475				in NZ is winter in US)		
TUE	0430	0430	Aloha	Hilo, HI	28490	SAT	1510	1610	Louisiana Pelican	Baton Rouge, LA	28450
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835	SAT	1730	1730	Tango	Buenos Aires, LU	28650
WED	0000	0000	Possum Trot	Raeford, NC	28345						

SPECIAL RECOGNITION

Every so often a member as a volunteer stands out in the crowd. The one volunteer position that seems to provide those individuals is net control operator. In the last quarter of 1998 Robert, KQ4PK #63201 came aboard as one of our net controls. During the last quarter of 1990 a net was established on 28.380 MHz at 1800 UTC one day a week, in addition to the net on 28.800. In the first quarter of 1993 1010 began to hold nets on both frequencies, Monday through Saturday. This increased the demand for net control stations. Those volunteers acting as net controls became a valuable asset to the organization. It takes dedication to be in position every week. Many have served in this position and some above and beyond normal expectations. It is a demanding position and has become difficult to find volunteers. Due to this, the 28.800 MHz net has been temporarily abandoned. With all this negative there is one positive note. Robert now W4SOT #63201 retired as Net Control on August 1, 2022. There are no words to express our gratitude for Roberts 23 years of service. Thank you Robert.



No one could be more proud to receive this award as I am. Thanks to Bill Marple for accepting me as a net control via the suggested WA6TQC Scotty from Ca. N6ELK, Louise, was another great net control that made a big difference. Louise made a trip to the east coast and stopped in N.C. for a visit, along with N2VEA Ed from Kinton, NC. She and her daughter had dinner with

us before they left. Louise talked on my radio.

Thanks to N6OPR for being a great net manager. he is so dedicated to his job. We have had some great nets in the past, check-ins from all over the world. Met Bob in Texas, and Tennessee. I just wished I could have finished out my years here on earth being a net control for Ten-Ten.

73's Robt W4SOT/KQ4PK

Bob N6OPR #45715 is the director responsible for 1010 net control operations and is filling in as net control on multiple days. We have need of net control operators. If you have the desire to fill one of the open spots and your membership is current, please contact Bob N6OPR.

NEW LIFE MEMBERS

06483	AE5PL	Peter S Loveall	TX
41932	KØGD	Richard M Hambly	CO
47598	WB5FKG	Bill Dailey	AR
48626	AD5PJ	Edgar C Vargas	TX
62124	WD5DBC	Howard F Cunningham Jr	VA
77736	W6JPP	John P Parks	CA
77746	N5WWL	John J Barnes Jr	LA
77981	KJ6LNN	David Mayes	CA
77996	KDØJLE	Steve Green	KS
77999	W4ABF	Phillip Hare	NC





DX News

Mike Davidson, N5MT
(#24949)

Welcome to the Fall DX season of the 10-10 DX News.

Well we had a good Summer QSO Party event the first weekend in August with about 125 logs submitted for scoring. An old friend in Houston, AI N5XZ #4530 had a good score with almost 600 Q's in his log using a four element yagi up 70 feet. At my station I use a vertical antenna and worked a total of 93 Q's, with 12 DX and 12 new members. I decided that it is now time to begin sending in Bar award applications. My old Win1010 logging program could stop working if Windows sends out a software update that might stop it from working. I sent in my 600-900 Bar applications and got them back this week. I only have 160 more to send in for checking so it's going to be a long process with the logging program.

I am sorry to announce another DX member has died in June, Sergey Karpov UA0SE #25998. Sergey was a 40-year DX member in Russia and collecting US counties. RIP.

All members are having fun with the rise in the Solar Flux numbers due to more sunspots! We reached a new high for cycle 25 during May with a record flux of 180 due to 50 sunspots popping up on the Sun.

I have had bad luck with the FT8 software that was related to some PC driver problem on my desktop. I was able to get my laptop working with FT8 for Field Day and made a bunch of contacts. I helped one station get his last state on digital. I have used FT8 the past three years just for Field Day Q's.

I found a commemorative event in August for the Navajo Code Talkers of World War 2. The son of a Marine Code Talkers, Herb Godlike N7HG #72015, was on the air on several bands from Arizona. His father was Marine Private John V Godlike, was one of 29 Navajo Code Talkers who survived the war and died on April 1, 2000.

All paid up 10-10 members can apply for any award by using the website to get the needed forms and QSL cards are NOT required for our awards. But you do have to swap your membership number info to qualify for any 1010 award!

As the Countries award manager, my 10-10 job follows most all of the ARRL

DXCC rules. If you are collecting contacts/numbers for a 10-10 award or if you want your score to count in a QSO party, you are required to exchange your Call sign, Name, State and 10-10 number over the air, on Ten. So record your QSO info in a logging program to save your data or use a paper log book. Then when you are ready to fill out the award application, move your 10-10 info from your PC to your award form. The honor system does apply for all contacts on 10-10 awards. I keep many DX records for award validation as the Countries award manager. As of September 2022, there remain 22 countries that have not been worked for 10-10 country credit. There are 645 members that have the basic Countries Award so you might want to look through your 10-10 log and fill out a form for the 10-10 Countries award if you have worked 25 countries.

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

GENERAL 10-10 DX REPORTED IN THE PAST QUARTER:

4U United Nations. There was lots of activity from the ham radio club station **4U1UN** #55555, in the New York UN building, this past quarter. The remote HF station was used and the Ten meter beacon has been heard on CW.

4U UN Switzerland. **4U1ITU** #11111. There was lots of ham radio from the club station this summer.

5X Uganda. Elvira **IV3FSG** #54292 arrived in Uganda on June 23rd using call 5X3R with in IC7300 radio running 100 watts to a dipole on SSB CW and digital. She was planning to leave on July 13th and return to Italy. LoTW.

EA6 Balearic Islands. Andreas **DK5ON** #54260 was in Mallorca from June 8-17th using call EA6/DK5ON.

EA8 Canary Islands. Michael **DL3FCG** #70802 is now operating as EA8/DL3FCG until September 4th.

EY Tajikistan. Nodir **EY8MM** #52767 has been active on 6 Meters and FT8 but not on Ten. Good luck.

FO French Polynesia. Ros **4Z5LA** #42000, was in Tahiti for a few days in June and is now back in Israel. He used call FO/4Z5LA but no Ten activity. LoTW.

FP St. Pierre & Miquelon Islands. Eric **KV1J** #31247 was on from June 28th to July 12th. Mostly HF plus the IARU HF contest. No special call was given.

HR Honduras. Alex **K6VHF** #77458 was on Roatan Island from June 27-31st. All bands CW, SSB and FT8.

KL7 Alaska. Hal **W8HC** #12502 and Tim **NL8F** #32796 took a boat trip to the end of the state to Kiska Island in July. Kiska was a World War 2 site where

Japan held the island for a time until we took it back in 1943. So the island is littered with rusting war relics. LoTW.

J6 St. Lucia. Bill **K9HZ/J68HZ** #2618 was back at his summer place with a friend from June 8-24th. Bill made a Zoom presentation about building his station in St. Lucia to the Texas DX Society.

K USA. Matt **K0BBC** #76064 operated from Brush Lake State Park in Montana for a few days in June.

Gene **KB7Q** #28147 operated mobile in Wyoming from several grids starting on June 16th.

Len **K1NU** #54523 was on Shelter Key, Florida in June using his club callsign K1JV/P only on CW & FT8.

TA Turkey. Berkin **TA3J** #74303 has been on weekly on Saturday/Sunday's now until October 31st from Yassica Island. All bands and modes and FT8. LoTW.

V4 St.Kitts & Nevis. Gary **G0FWX** #49106, was invited to the V47JA station to use his call V47FWX from August 20-31st. The radio he used was an FTDX3000 with 400 watts to a vertical on SSB only. LoTW and Club log.

VP8 Falkland Isl. Bob **VP8LP** #8854 was actively operating from July to August on 10 to 20 Mtr. No LoTW.

ZF Cayman Islands. Jim **WB2REM** #48365 is on the big island using his ZF200 call sign until January 2023. He has been on SSB and FT8 in August. LoTW.

UPCOMING DX & NEW 10-10 ACTIVITY:

3B8 Mauritius. I have info that Mart **3B8MM/DL6UAA** #54230 will operate with a friend in late November in the CQWW CW DX contest. **This is rare 10-10 so good luck.**

3Y Bouvet Island. A big DXpedition to Bouvet is planned for November to activate the #2 most wanted country. A shipping container is leaving Norway this week. The only member going is Bill **K07SS** #8631. In 1990, this island was a first time country for 10-10. This DXpedition will be an expensive trip, so when the dates get published, take note and be ready. **This is quite rare for 10-10, so good luck.**

CY0 Sable Island. The big DXpedition to Sable Island has been rescheduled to March 20-29, 2023. Website: www.CY0S.com. There will be two members on this trip: Bob **K4UEE** #75256 and Dan **W4DKS** #5395. Sable island is now a remote weather station for Canada and does not keep anyone on the island for WX station keeping. The ham operators are going to be able to rent Sable facilities where they can stay and operate but the cost is high! The only permanent residents on Sable are the 500 horses and seals that have

to be protected from visitors. Travel to Sable is only by permission, and by an airplane landing on the beach or helicopter. Four air trips will be used to fly ham stuff to the island and four to go back home.

FJ St. Barthelemy. Phil **K2LIO** #7746 is going back to St.Bart in mid October to use his new call FJ4WEB. His new radio is an IC-7300 with a better antenna. **This is a rare 10-10 location** as Phil maybe the first member on St. Bart to stay on the island for long periods. The last St. Bart in my log is dated in February 2015 by Ray FJ/W2RE #49307.

FO Fr.Polynesia. Vincent **K6VVK** #77926, will be in Fr. Polynesia from September 27 to October 5th.

FP St. Pierre & Miquelon Isl. Eric **KV1J** #31247 is planning on a June-July 2023 trip to operate as FP/KV1J.

HC8 Galapagos Island. James **WB2REM** #48365 and friends are planning a March 1-11, 2023 trip to the island.

All bands and modes and digital FT8. LoTW.

J6 St. Lucia Island. Dan **W0CN** #27026, is planning to be on St. Lucia in late October using call J68CN and J68HZ in the CQ WW DX contest.

JW Svalbard. Hal **W8HC** #12502 and friends will be operating JW0A (club station) from Svalbard from September 19-26th using three stations CW, SSB and FT8.

PJ7 Sint Maarten. Ed **N2HX** #25435 will be back on the island from October 22 to December 9th. SSB, CW & FT8.

VP2M Montserrat. Thaire **W2APF** #50022 will be using call VP2MDX from January 2nd to March 31st 2023.

VP5 Turks & Caicos Isl. Ron **N4KE** #5645 and a friend will operate call VP5DX from October 20th to November 2nd. They will run 100 watts to verticals on SSB, CW and FT8.

TF Iceland. Steve **K4EU** #11123 and two friends, will be in Iceland from September 6-20th mostly CW.

TX Austral Islands. Haru **JA1XGI** #55571 will be on the island on November 2-9th, all bands modes and digital.

Z6 Kosovo. Rene **DL2JRM** #69623 will be back in Kosovo again on September 9-12th using call Z68XX. His 100 watts to a vertical may be tough to hear so good luck.

MISCELLANEOUS ITEMS & NOTES:

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

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>.

DXCC Most Wanted at: <https://Secure.Clublog.org/mostwanted.php>.

ARRL DXCC <http://ebarc.org/pdf/dx-entity-history.pdf>.

Ham Lookup various ways:

<http://Haminfo.tetranz.com.map>.

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

NEW: WM7D Solar Values:

<https://www.wm7d.net/hamradio/solar/>

Download the DX'ers Handbook by Bryce Anderson K7UA/SK, at: www.K7UA.com.

Propagation: I expect the solar flux to range from 92-135 during the Fall, with a slow rise of flux. The 2022 Fall Equinox is Thursday September 22nd, fall starts for us in the northern hemisphere and the Sun is back at the equator, giving us equal day times and nights and in the southern hemisphere, Spring starts. Cycle 25 started on November 17, 2019 and the Sun is giving us a rising solar flux. NOAA predicted a flux of 130 for the winter of 2024 but we have seen a flux of 180. Sunspots are counted by looking at the Sun but solar flux is by radio at 2.8 GHz.

The 2022 monthly **maximum** solar flux: January was 130, February 130, March 151, April 166, May 180, June 149, July 176 and August 128. Average 151.

The 2022 monthly **minimum** solar flux: January was 84, February 93, March 94, April 96, May 98, June 96, July 91 and August 95. Average 93.

On September 1st, the solar flux was 126, the A index was 12 and K index was 3. There have been many sunspots on the Sun the past 6 months with increased solar flux up 15-25+ points. The USAF solar flux forecast for September 1st to October 15th is from a high of 130 to a low of 98 with average flux at 114.

My Prediction: Over the next three months, the best conditions on Ten could be: Sept 10-13th; Oct 6-12th; Nov 4-10th; and Dec 1-7th. For the USA, expect a 40% chance of DX to Europe/Asia and 75% to S. America or Pacific. Use the beacons 28.175-28.300 MHz to find if the band is open.

Three new DX members joined in June to August 2022. June: none; July: DL0XN #77991, DK0HMA #77992; and August: VA3WEB #78005. The highest 10-10 issued was to Matt KB5UTS #78018.

Thanks to the Daily DX by Bernie W3UR #25731 and the ARRL DX Bulletins.

This DX News edition is my number 128th of DXing reports for the past 32 years. DX Info to: Mike Davidson, 26274 Whispering Pines Ave, Denham Springs LA 70726 USA and Email: N5MT@aol.com .

DX IS! 73 Mike Davidson N5MT #24949

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Mel KD5DE #33513, Ronnie W5SUM #2019 and Chuck N7UQ #72774 at the Shreveport Hamfest



Net Report

Bob Farrow, N6OPR
(#45715)

Net Report for 2nd Quarter 2022

Monday Nets

-----28.380 MHz -----			-----28.800 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
4-Apr	19	6	4-Apr	XXX	0
11-Apr	6	0	11-Apr	XXX	0
18-Apr	24	8	18-Apr	6	0
25-Apr	10	0	25-Apr	5	0
2-May	2	0	2-May	3	0
9-May	18	7	9-May	5	0
16-May	10	1	16-May	5	0
23-May	9	1	23-May	6	0
30-May	8	1	30-May	5	0
6-Jun	7	0	6-Jun	2	0
13-Jun	11	2	13-Jun	3	0
20-Jun	11	2	20-Jun	10	2
27-Jun	8	0	27-Jun	5	0

Tuesday Nets

-----28.380 MHz -----			-----28.800 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
5-Apr	21	2	5-Apr	XXX	0
12-Apr	10	0	12-Apr	XXX	0
19-Apr	11	1	19-Apr	XXX	0
26-Apr	12	1	26-Apr	XXX	0
3-May	2	0	3-May	XXX	0
10-May	9	1	10-May	XXX	0
17-May	10	0	17-May	XXX	0
24-May	10	1	24-May	XXX	0
31-May	12	0	31-May	XXX	0
7-Sep	7	0	7-Sep	XXX	0
14-Jun	10	0	14-Jun	XXX	0
21-Jun	9	0	21-Jun	XXX	0
28-Jun	7	0	28-Jun	XXX	0

Wednesday Nets

-----28.380 MHz -----			-----28.800 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
6-Apr	24	8	6-Apr	XXX	0
13-Apr	13	2	13-Apr	XXX	0
20-Apr	21	4	20-Apr	4	0
27-Apr	7	0	27-Apr	6	0
4-May	16	6	4-May	2	0
11-May	10	6	11-May	XXX	0
18-May	11	0	18-May	11	0
25-May	8	1	25-May	2	0
1-Jun	6	0	1-Jun	3	0
8-Jun	15	2	8-Jun	XXX	0
15-Jun	5	0	15-Jun	3	0
22-Jun	8	0	22-Jun	11	0
29-Jun	5	1	29-Jun	XXX	0

Thursday Nets

-----28.380 MHz -----			-----28.800 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
7-Apr	26	12	7-Apr	5	2
14-Apr	3	0	14-Apr	4	0
21-Apr	7	1	21-Apr	6	1
28-Apr	9	0	28-Apr	4	1
5-May	23	5	5-May	10	1
12-May	14	4	12-May	XXX	0
19-May	12	1	19-May	XXX	0
26-May	8	1	26-May	XXX	0
2-Jun	10	3	2-Jun	5	2
9-Jun	7	2	9-Jun	6	0
16-Jun	8	0	16-Jun	6	0
23-Jun	9	0	23-Jun	5	1
30-Jun	8	0	30-Jun	5	2

Friday Nets

-----28.380 MHz -----			-----28.800 MHz -----		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
1-Apr	9	0	1-Apr	2	0
8-Apr	18	1	8-Apr	3	0
15-Apr	10	2	15-Apr	10	2
22-Apr	12	0	22-Apr	XXX	0
29-Apr	11	0	29-Apr	XXX	0
6-May	7	0	6-May	2	0
13-May	10	0	13-May	2	0
20-May	9	0	20-May	2	0
27-May	19	2	27-May	2	0
3-Jun	20	0	3-Jun	3	0
10-Jun	9	10	10-Jun	2	0
17-Jun	8	0	17-Jun	2	0
24-Jun	12	1	24-Jun	4	0

Saturday Nets

28.380 MHz			28.800 MHz		
DATE	TOTAL	NO 10#	DATE	TOTAL	NO 10#
2-Apr	9	0	2-Apr	XXX	0
9-Apr	3	0	9-Apr	XXX	0
16-Apr	7	1	16-Apr	XXX	0
23-Apr	11	3	23-Apr	XXX	0
30-Apr	2	0	30-Apr	XXX	0
7-May	11	2	7-May	XXX	0
14-May	6	2	14-May	XXX	0
21-May	6	0	21-May	XXX	0
28-May	3	0	28-May	XXX	0
4-Jun	3	0	4-Jun	XXX	0
11-Jun	6	0	11-Jun	XXX	0
18-Jun	5	0	18-Jun	XXX	0
25-Jun	3	0	25-Jun	XXX	0

XX NO NET CALLED
 XXX NO REPORT RECEIVED

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

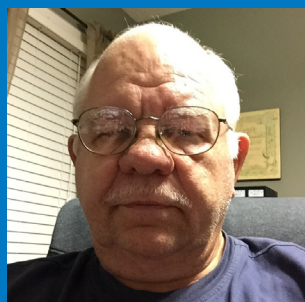
Mon (28.380)	Doc, WB6OJB	#70675	CA
Tues (28.380)	Ray, K7CWS	#50288	AZ
Wed (28.380)	Tim, K1IEB	#74965	TX
Thu (28.380)	Bob, N6OPR	#45715	AZ
Fri (28.380)	Steve, W7WHB	#74965	AZ
Sat (28.380)	Open, N6OPR	#45715	AZ
Alternate			
Sunday	NEVER ON SUNDAY		



Jim K4JJR #68413, Karen W4KRN #68623, Mel KD5DE #33513, Phyllis K5PLH #77878, and Ronnie W5SUM #2019 at the Huntsville Hamfest

QSL Bureau News

The QSL Bureau manger, Jim Stoeber W19X #49635 became a Silent Key. Contact Mel Sojka if you are interested in managing QSL cards for the 10-10 International Net.



QSO Parties

Dan Morris, KZ3T
(#41015)

2022 Open Season QSO Party

June 4 - 5

TOP TEN

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
1. N3GTY	0	8	8	8	72
2. KZ3T	0	5	3	9	55
3. KD5DE	6	13	0	0	32
4. AK4YS	0	7	0	4	30
5. KA5VZG	1	6	2	2	27
6. KD5ILA	0	4	1	2	19
7. KD5HIP	1	3	1	2	18
8. K2CWM	0	2	1	1	11
8. W3HF	1	5	0	0	11
9. WA2HMM	0	1	1	1	9
10. KM5EH	1	3	0	0	7
10. NC4GK	1	3	0	0	7

CALL AREA 3

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
W3HF	1	5	0	0	11

CALL AREA 4

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N3GTY	0	8	8	8	72
KZ3T	0	5	3	9	55
AK4YS	0	7	0	4	30

KA5VZG	1	6	2	2	27
NC4GK	1	3	0	0	7

CALL AREA 5

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
KD5DE	6	13	0	0	32
KD5ILA	0	4	1	2	19
KD5HIP	1	3	1	2	18
KM5EH	1	3	0	0	7
KM5FF	0	3	0	0	6

CALL AREA 9

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N9CJT	0	1	0	0	2

QRP

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
AK4YS	0	7	0	4	30
W3HF	1	5	0	0	11
N9CJT	0	1	0	0	2

LOW POWER

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
N3GTY	0	8	8	8	72
KZ3T	0	5	3	9	55
KD5DE	6	13	0	0	32
KA5VZG	1	6	2	2	27
KD5ILA	0	4	1	2	19
KD5HIP	1	3	1	2	18
K2CWM	0	2	1	1	11
WA2HMM	0	1	1	1	9
KM5FF	0	3	0	0	6

HIGH POWER

CALL	W/O #	W/1 #	W/2 #	W/3 #	TOTAL
KM5EH	1	3	0	0	7
NC4GK	1	3	0	0	7

2022 Weak Signal QSO Party**July 9 - 10****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. KJ7AKV	77890	4	66	74
2. AJ7B	7675	4	65	73
3. N6GP	21149	5	17	27
4. N5MT	24949	1	26	28

CALL AREA ORDER**CALL AREA 5**

CALL	10-10#	CTX W	CTX WO	TOTAL
N5MT	24949	1	26	28

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
N6GP	21149	5	17	27

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ7AKV	77890	4	66	74
AJ7B	7675	4	65	73

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
KJ7AKV	77890	4	66	74
AJ7B	7675	4	65	73
N6GP	21149	5	17	27
N5MT	24949	1	26	28

CHAPTER ENTRIES

CHAPTER	LOGS	PTS
CHIEF SEATTLE	1	77
LOUISIANA PELICAN	1	29

2022 Summer Phone QSO Party**Aug 6 - 7****TOP TEN**

CALL	10-10#	CTX W	CTX WO	TOTAL
1. N5XZ	4530	266	329	861
2. DL8YBM	36109	52	459	563
3. KE6GFI	72985	105	131	341
4. NK4T	31222	83	109	275
5. KM4ODS	77504	82	74	238
6. WO4ROG	77815	81	49	211
7. NA9A	31121	69	71	209
8. K8DEL	2978	67	65	199
9. NC0B	74875	62	62	186
10. K3TC	33876	55	51	161

CALL AREA ORDER**CALL AREA 0**

CALL	10-10#	CTX W	CTX WO	TOTAL
NC0B	74875	62	62	186
KA0HZP	31562	29	10	68
W0RTV	13962	17	3	37
KD0JLE	77996	8	15	31
KC0VDY	72580	8	5	21
K2HT	68440	7	0	14

CALL AREA 1

CALL	10-10#	CTX W	CTX WO	TOTAL
N1API	25468	49	25	123
N1DFD	65460	26	34	86
WA1TRY	76786	12	3	27
N1ZN	73599	8	2	18
AI1G	77223	4	1	9
WA1IOG	46677	3	0	6

CALL AREA 2

CALL	10-10#	CTX W	CTX WO	TOTAL
WA2HMM	40510	10	5	25
WA2SUH	407	11	3	25
WA2CNV	65510	8	4	20
W2VTV	71275	4	0	8

CALL AREA 3

CALL	10-10#	CTX W	CTX WO	TOTAL
K3TC	33876	55	51	161
WA3GM	46927	15	14	44
N3DUE	41066	9	1	19
WB3ABH	13155	5	0	10
N3ZP	35186	2	0	4

CALL AREA 4

CALL	10-10#	CTX W	CTX WO	TOTAL
NK4T	31222	83	109	275
KM4ODS	77504	82	74	238
WO4ROG	77815	81	49	211
WB4WXE	7010	52	38	142
W4FNZ	77995	38	22	98
N3GTU	50585	30	22	82
KI4W	62657	28	13	69
NC4GK	77965	25	8	58
AK4YS	75328	24	8	56
WA4JA	72743	13	8	34
KA5VZG	46596	12	2	26
WB4MM	76750	11	2	24
KZ3T	41015	10	2	22
K4FET	77603	10	0	20
KK4AMR	76031	8	4	20
KI4YRH	75352	8	3	19
K4BAI	45389	8	1	17

CALL AREA 4 (Cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
W4CMG	77738	8	0	16
WA4VGZ	77739	7	1	15

CALL AREA 5

CALL	10-10#	CTX W	CTX WO	TOTAL
N5XZ	4530	266	329	861
N5MT	24949	48	45	141
KD5ILA	77652	29	28	86
KD5DE	33513	29	4	62
KG5ZMQ	77628	18	1	37
N9JYJ	60206	15	4	34
AD5IF	73372	15	1	31
N5DTT	73679	14	1	29
KG5SSB	77934	11	1	23
N0LD	68878	9	5	23
AJ4F	39439	8	2	18
KA0ZPP	43428	7	0	14
KM5EH	71103	5	3	13
KF5KWO	73879	3	0	6
KM5FF	50356	3	0	6

CALL AREA 6

CALL	10-10#	CTX W	CTX WO	TOTAL
WB6IZG	55393	29	22	80
AB6QM	63114	13	13	39
N6GP	21149	10	4	24

CALL AREA 7

CALL	10-10#	CTX W	CTX WO	TOTAL
KE6GFI	72985	105	131	341
K7QXG	5956	17	5	39
AJ7B	7675	12	6	30
N7QOZ	62599	7	3	17

CALL AREA 8

CALL	10-10#	CTX W	CTX WO	TOTAL
K8DEL	2978	67	65	199
NK8I	77909	13	4	30
W8KNO	71899	2	1	5
K8LL	76801	1	1	3

CALL AREA 9

CALL	10-10#	CTX W	CTX WO	TOTAL
NA9A	31121	69	71	209
K8CTM	77275	52	27	131
K9RQC	46727	19	26	64
KC9TQU	77157	18	5	41
NK9Y	37014	10	0	20
KC9EOQ	74609	7	1	15
N9CJT	38286	1	0	2

QRP

CALL	10-10#	CTX W	CTX WO	TOTAL
AD5IF	73372	15	1	31
NK9Y	37014	10	0	20

MOBILE

CALL	10-10#	CTX W	CTX WO	TOTAL
W9YOY	76637	32	29	93

ARGENTINA

CALL	10-10#	CTX W	CTX WO	TOTAL
LU1BJW	39329	7	1	15

CANADA

CALL	10-10#	CTX W	CTX WO	TOTAL
VE3RVZ	77949	5	0	10

GERMANY

CALL	10-10#	CTX W	CTX WO	TOTAL
DL8YBM	36109	52	459	563
DL6DK	39944	27	2	56

GERMANY (Cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
DH1PAL	69212	16	3	35
DF3TE	69610	16	0	32

HAWAII

CALL	10-10#	CTX W	CTX WO	TOTAL
NH7PE	74456	5	2	12
WH6FQI	77889	4	2	10

LOW POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
KM4ODS	77504	82	74	238
WO4ROG	77815	81	49	211
K8CTM	77275	52	27	131
N1API	25468	49	25	123
KD5ILA	77652	29	28	86
N1DFD	65460	26	34	86
N3GTU	50585	30	22	82
KI4W	62657	28	13	69
KA0HWP	31562	29	10	68
K9RQC	46727	19	26	64
KD5DE	33513	29	4	62
NC4GK	77965	25	8	58
AK4YS	75328	24	8	56
WA3GM	46927	15	14	44
KC9TQU	77157	18	5	41
AB6QM	63114	13	13	39
KG5ZMQ	77628	18	1	37
W0RTV	13962	17	3	37
DH1PAL	69212	16	3	35
N9JYJ	60206	15	4	34
WA4JA	72743	13	8	34
DF3TE	69610	16	0	32

LOW POWER (Cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
KD0JLE	77996	8	15	31
AJ7B	7675	12	6	30
N5DTT	73679	14	1	29
WA1TRY	76786	12	3	27
KA5VZG	46596	12	2	26
WA2SUH	407	11	3	25
N6GP	21149	10	4	24
WB4MM	76750	11	2	24
KG5SSB	77934	11	1	23
N0LD	68878	9	5	23
KZ3T	41015	10	2	22
KC0VDY	72580	8	5	21
K4FET	77603	10	0	20
KK4AMR	76031	8	4	20
WA2CNV	65510	8	4	20
KI4YRH	75352	8	3	19
AJ4F	39439	8	2	18
N1ZN	73599	8	2	18
W4CMG	77738	8	0	16
KC9EOQ	74609	7	1	15
LU1BJW	39329	7	1	15
WA4VGZ	77739	7	1	15
K2HT	68440	7	0	14
KA0ZPP	43428	7	0	14
NH7PE	74456	5	2	12
VE3RVZ	77949	5	0	10
WH6FQI	77889	4	2	10
AI1G	77223	4	1	9
W2VTV	71275	4	0	8
KF5KWO	73879	3	0	6

LOW POWER (Cont.)

CALL	10-10#	CTX W	CTX WO	TOTAL
KM5FF	50356	3	0	6
WA1IOG	46677	3	0	6
W8KNO	71899	2	1	5
N3ZP	35186	2	0	4
K8LL	76801	1	1	3
N9CJT	38286	1	0	2

HIGH POWER

CALL	10-10#	CTX W	CTX WO	TOTAL
N5XZ	4530	266	329	861
DL8YBM	36109	52	459	563
KE6GFI	72985	105	131	341
NK4T	31222	83	109	275
NA9A	31121	69	71	209
K8DEL	2978	67	65	199
NC0B	74875	62	62	186
K3TC	33876	55	51	161
WB4WXE	7010	52	38	142
N5MT	24949	48	45	141
W4FNZ	77995	38	22	98
WB6IZG	55393	29	22	80
DL6DK	39944	27	2	56
K7QXG	5956	17	5	39
NK8I	77909	13	4	30
WA2HMM	40510	10	5	25
N3DUE	41066	9	1	19
K4BAI	45389	8	1	17
N7QOZ	62599	7	3	17
KM5EH	71103	5	3	13
WB3ABH	13155	5	0	10

CLUB ENTRIES

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
DF0IA	68914	52	459	563DL8YBM	
K4MN	24874	82	74	238KM4ODS	
NM5H	68588	48	45	141N5MT	
W1NRG	29650	49	25	123N1API	
NZ4FF	77686	30	22	82N3GTY	
W5RRV	42114	29	4	62KD5DE	
DL0BIC	77526	27	2	56DL6DK	
DK0DWK	73418	16	0	32DH1PAL	
DK0HHC	73417	16	0	32DH1PAL	
DL0KAC	73416	16	0	32DF3TE	

CHECK LOGS

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
W9DC	0	111	116	338	
F5NBX	45882	4	131	139	
N6OKU	0	25	15	65	
W5GCX	70473	25	13	63	
PY2BN	0	19	23	61	
KD9AC	0	19	12	50	
KW4LU	77409	16	6	38	
N3GTG	0	13	5	31	
WN8Y	0	13	1	27	
KO4BWN	0	12	0	24	
N1ADX	0	10	1	21	
OZ1D	17405	2	15	19	
VE3JZT	0	7	0	14	
K0WMB	0	5	3	13	
KK4CS	0	5	1	11	
PY3TD	18372	5	0	10	
KE5MIQ	75963	4	0	8	
NY1V	48101	4	0	8	

CHECK LOGS (CONT.)

CALL	10-10#	CTX W	CTX WO	TOTAL	OPS
K0BBC	76064	3	1	0	
N2MTG	60698	2	0	0	
N2OMD	0	2	0	0	
AA5AH	0	1	0	0	
K5AGE	0	1	0	0	

10 Meter Beacons

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

I would appreciate a message from anyone with thoughts of activating a beacon. wi5v.be@gmail.com

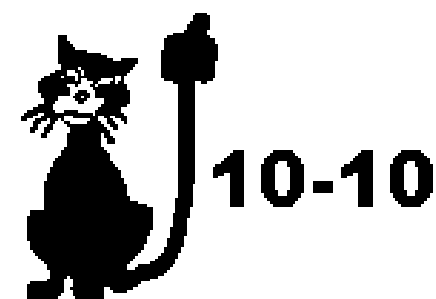
73 Dennis Stice WI5V #35806

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.



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

The 10-10 Scholarship Foundation winners for 2022 are Gary and Anna Pike and Declan O'Hara. 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. His wife Anna is also a winner this year. Their son Patrick 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.



My name is Gary Pike KA4KBX from Roanoke, AL. Thank you to the 10-10 Scholarship Foundation for this scholarship. I am a non-traditional student at Auburn University studying electronics and cyber security engineering with research in preventing infrastructure attacks utilizing electronic and radio frequency side channel attacks and counter measures. I have been an amateur radio operator since my pre-teen years having been mentored at the early age of six by a neighbor. I grew up volunteering for public service events using my ham radio with the local

radio club. I volunteer for bike rides, search and rescue, Skywarn, ARES, MRC, CERT, and most recently online testing for ham radio license exams. I have a wife and three sons that are all Extra Class operators. We enjoy volunteering as a family and travel to several hamfests annually including Dayton Hamvention to volunteer. We are members of several area clubs and participate in club activities, contests, and field day together each year. I am very active in proctoring exams for amateur radio licenses. With ARRL alone I have proctored over ten thousand exams and have conducted over six thousand sessions. I have also proctored exams at Dayton Hamvention and several other hamfests throughout the south. These have been done with Laurel VEC, W5YI, Anchorage, CaVec and a few others. Through these exams, I have had contact with well over twenty thousand applicants over the years both in-person and online. I love contesting and field day or any other excuse to get on the air and make contact with other hams throughout the world. The most important thing that comes to mind is giving back to the ham community either through volunteering or mentoring and I enjoy both.



My name is Anna Pike, KD4PCU from Roanoke, AL. I became an amateur radio operator 31 years ago. Since then, I have enjoyed talking to people from all around the world including as far away as Japan and Australia. I have volunteered at many hamfests, including the biggest one in Dayton, Ohio since 1992. I have been a chairperson for three years at our local hamfest in LaGrange, Ga. I have served my local club as treasurer of the LaGrange Amateur Radio Club for four years. All five members of my family have received our Extra Amateur Radio Licenses and have given out over

2,000 amateur radio tests.

The main reason for going back to college is that I work over 50 hours a week as a general manager at Arby's in Alexander City, AL and I drive an hour and a half to work five days a week. In 2014 I decided to change careers, and when I went to my first interview, they asked what degree I had. That is when I decided to go back to college to get my degree in Human Resource Management. I graduated from Auburn University in 2020 with a Bachelor's Degree in Administration with three minors in Human Resource Management, Supply Chain Management, and Aviation Management. I have been with Arby's for 10 years and am currently a Certified Training Manager. When the Covid pandemic started in 2020 I decided to get my Master's Degree in Human Resources. Thank you so much to 10-10 for supporting my educational pursuits.



I am Declan O'Hara, KG7HTE a graduate Electrical Computer Engineering (ECE) student at Oregon State University (OSU) finishing my MS degree in June 2023. The Masters project I created and will be leading is a bee hive monitoring system that will monitor the weight, temperature, humidity and time in sunlight of the hive and transmit the data back to my house. I have had my ham license since 2014 being an active member in Linn County A.R.E.S and my local ham club. I have loved building and testing circuits, contesting, helping provide

communications at triathlons and other events. In May 2020 I stepped into the role of Linn County's volunteer exam coordinator (VEC) under ARRL coordinating and administering exams. Ham radio has come full circle for me in this role, from taking my exam as a youth to now helping coordinate the exams

and has been very fulfilling. I am currently Oregon State University's amateur radio club president since May 2021 helping to restart the club due to a lack of student involvement during the pandemic. I am designing a three part activity for the club members this year consisting of a 2 meter yagi build, an off-set attenuator build and then hosting a hidden transmitter hunt where members can use the equipment they just built and tested. I have loved being an integral part of growing the OSU club. I am excited to see the club grow and plant the passion of ham radio in new students. Thank you to 10-10 for believing in me and my education journey.

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 June, the Foundation Board voted to guarantee the funding for three \$2000 scholarships to be awarded in 2023. 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. A donation was received in the previous quarter by Arlene Schwartz, KE6GFI #72985 in memory of her father Ray Schwartz (SK). Correct callsign: K4GRR. 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 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 the 10-10 website or send your check to me or the Data Manager. Our addresses can be found on Page 29.

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

Platinum (\$1000 or more)

None

Gold (\$500 to \$999)

None

Silver (\$100 to \$499)

None

Bronze (Up to \$99)

WB2ZFG.....	Phil Crepeau	00294
W9OPR	William Burns.....	37040
WC5WM	Carl Hacker.....	61397
N2NEH	Christopher Linck.....	70871
KD9AC.....	James (Dave) Riddle	78012

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 34 years, 10-10 has funded 130 scholarships valued at \$171,000.

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



EDZs: Stacked and Unstacked

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

After an article on EDZs (extended double Zepps) appeared in *Communications Quarterly* in Fall, 1995, I received some mail and phone calls on a version of the antenna I had not covered. So I thought I would bring it to your attention. The EDZ is a good fixed wire antenna for those who do not wish to fool with towers and rotators, but do wish to work some DX when the band fully reopens. It helps to have high trees or other tall poles to support the ends and you have to like ATUs (Antenna Tuning Units or transmatches). Even if you do not like these things, read on – they can grow on you.

THE BASIC EDZ

The basic EDZ is a 1.25-wavelength wire antenna fed at the center. Unlike a dipole, precision wire cutting is not required. A 1-meter EDZ needs about 44 feet of copper wire. The feedpoint impedance will be about 130 ohms with about 680 ohms of capacitive reactance. I recommend you use 450-ohm parallel feedline to an ATU. Although you can match the EDZ to 50-ohm coax at the antenna feedpoint, you would lose the ability to use the antenna on other bands. For every band 2-meters and up, the antenna is longer than a dipole and thus shows a little gain above a dipole.

At 10-meters, an EDZ up 40' in the air shows about 3.5 dB gain over a dipole. Of course, both antennas are bidirectional. The EDZ gets its gain by shrinking the side-to-side beamwidth of its two main lobes. The dipole has a half-power beamwidth of about 78 degrees while the EDZ cuts that to about 30 degrees with two small side lobes in each direction. See Figure 1.

Some folks view the sidelobes as QRM producers. If you agree, see the ARRL Antenna Compendium, Vol. 4 for an EDZ with capacitors in the elements to eliminate them. However, you may lose some performance of the antenna on other bands.

Almost any wire antenna for 10 up in the air 40' has a take-off angle of 12 degrees above the horizon. Take-off angle means the elevation of the lobe with the most power in it. The half-power points are ± 6 degrees around that angle, so there is plenty of power in the low angles needed for efficient DXing. But perhaps we can do a little better.

Stacking any two antennas will do two important things for you: 1. It will increase the system gain a bit and 2. it will lower the take-off angle a bit. Both these advantages are DXer delights. So let's get crackin' and stackin'. The system I shall show you derives from an article in the November 1968, CQ by John Schultz, W2EEY called "The Expanded Lazy-H Antenna." (My thanks to Henry Pollock, WB4HFL, for sending me a copy of the article.)

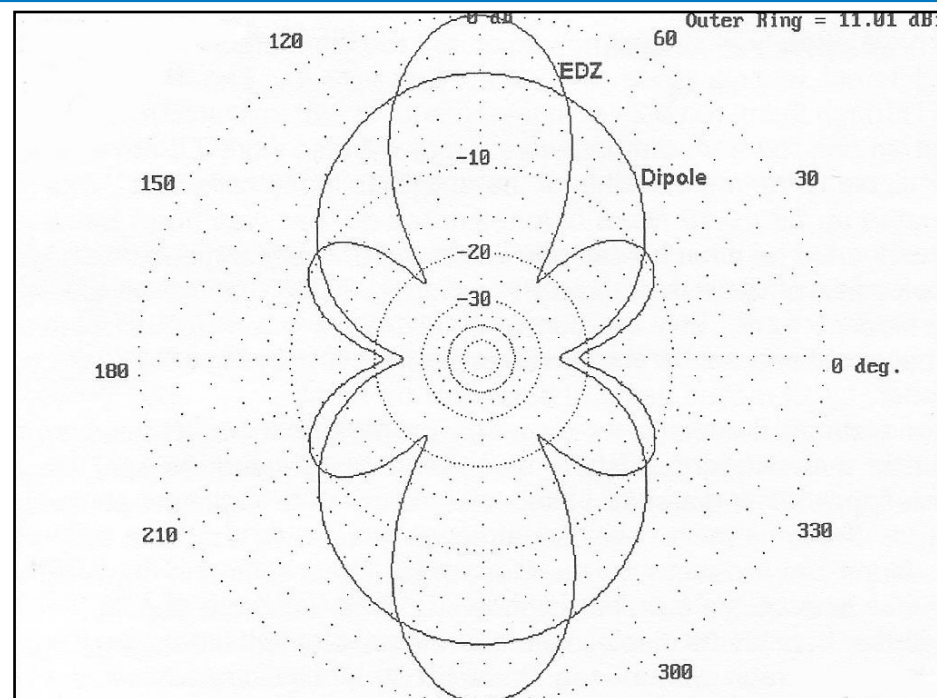


Figure 1. Azimuth Radiation Pattern of EDZ v.s. Dipole

A vertical spacing of 5/8ths of a wavelength is about the most efficient gain producer when stacking antennas. This applies to Yagis and other arrays as well as EDZs. At 10 meters, this means a spacing of about 22' or so. Again, this number is not critical plus or minus a foot. Figure 2 shows the general scheme. Assuming you have the side supports, there are only a few questions to ask about stacked EDZs.

1. What do I get for my trouble? First, you get 3 to 4 dB additional gain in both directions, depending upon which wire you set at the 40' level, where we placed our one-wire EDZ. If you can put the second wire at about 60' or so, you will get the higher gain, plus a lower take-off angle of 9 degrees. That puts the bulk of your power in the 10-meter far-DX zone. Figure 3 also shows a secondary lobe at about 28 degrees for shorter paths. If you place the lower wire at about 20' up, you will get the lower gain and a basic take-off angle of 14 degrees. This is still worth while.

2. How do I aim single and stacked EDZs? With care since they are fixed. In much of the US, the NE-SW corridor gets you both Europe and VK-ZL-land. Or you can broadside N-S for South America and over-the-pole and back scatter. Or, you can broadside to Asia. Finally, if you have lots of trees or poles, you can build 3 EDZ stacks and switch among them (a nice wiry dream).

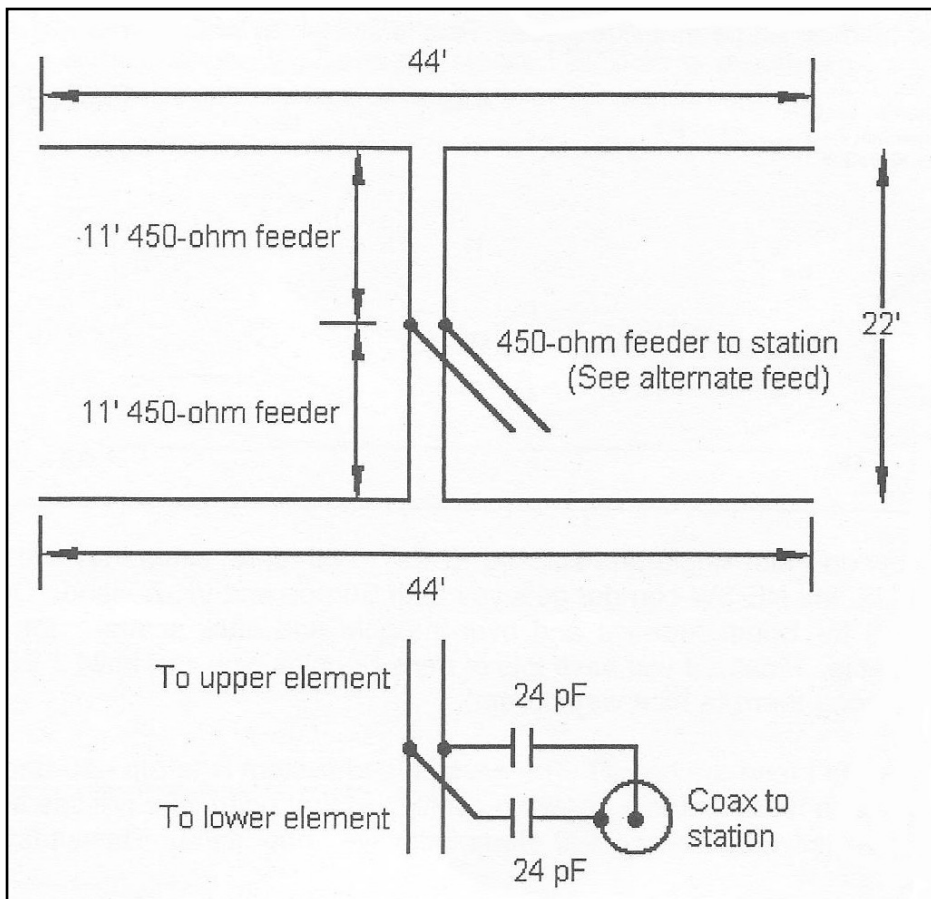


Figure 2. Vertically Stacked EDZ Antennas

3. How do I feed the beast? The easiest feed system is to run 450-ohm parallel feeders from each feedpoint to a common center. At that point, you will see something like 75 ohms resistive and about 460 ohms inductive impedance. This situation gives us a choice.

a. If you wish to use the antenna on 10 meters only, you can insert on each side of the line junction a 24 pF capacitor. This is a series connection on each side with the end then connected to each side of a coax connector. The capacitors cancel out the inductive reactance, leaving only about the same mismatch you would get with a dipole--and that's manageable.

b. If you wish to use the antenna on all bands from 20 meters on up, just connect more 450-ohm parallel feeder and bring it to the shack and ATU. On 20 you will get dipole gain or better, with more gain on the other bands between 20 and 10.

4. What does it cost? Well, #14 wire runs about 7 to 12 cents a foot, depending on its nature, and 88' of wire is in the \$8.00 range. Add some insulators and rope for supports. Then add the 450-ohm parallel feeder, which is cheaper than coax. Even if you have to erect some supports (4 sections of 10' TV mast per side, plus rope guys and tie-down ring-screws in the ground), you might run the bill to \$75 to \$100. That will barely buy the TV rotator, let alone the tower and very light beam that goes with it.

Editor's note: These prices may have been true in 2000. I am sure today's prices will be a bit more.

Note that, as in all antenna work, we must compromise. The stacked EDZ requires supports and fixes your general directions to two, but saves you many dollars, pounds, yen, francs, marks, or lire. The long Yagi with the same gain gives you freedom of direction, but empties your pockets and requires constant maintenance. (Remember, Murphy's law says that when the rotator goes bad, it is always stuck in a direction with no hams in sight.) So the EDZ and the stacked EDZ array are suitable only for some people. But perhaps you are one of them.

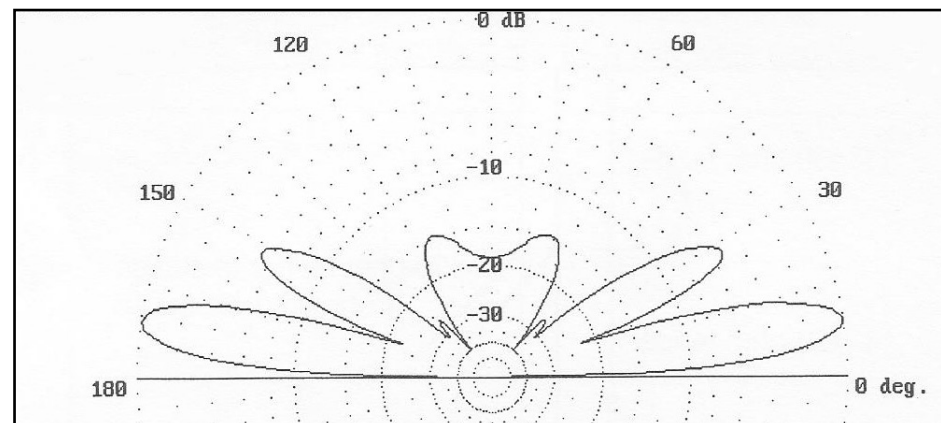


Figure 3. EDZ Lazy-H Elevation Pattern on 10 meters

ARTICLES

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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

TOP TEN HONOR ROLL

No.	CONTACTS	CALL	10-10#
1.	24600	WA5JDU	3017
2.	11700	K0PV	9902
3.	11700	N5XZ	4530
4.	11300	DL8YBM	36109
5.	10600	N1API	25468
6.	10000	K6PZE	1341
7.	9800	N5DAS	35877
8.	8800	AC6FU	10937
9.	8600	N6OPR	45715
10.	8200	K5FBS	48461

Congratulations to Mike, N5MT for the following Lucky 13 award: Lucky 13 #465 dated 8-31-2022.

TOP TEN CLUB

No.	CONTACTS	CALL	10-10#
1.	10100	WD0SFT	37933
2.	4400	K6MQ	K6MQ
3.	3400	DL0X	DL0X
4.	2100	W8PGW	W8PGW
5.	1800	W1NRG	W1NRG
6.	1200	NM5MD	NM5MD
7.	1100	W4MNM	W4MNM

CW AWARDS

200 CONTACTS

NO.	CALL	10-10#
12	KZ3T	41015

AWARDS MANAGERS

BAR 100-900..	Dan Morris, KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	dbmorris315@gmail.com
Bar 1000+	Rob Cromer, KE0MIZ #77647	12932 Palamino Place, Wellington, CO 80549	(970) 692-4421	rccromer@rccomps.net
VP Bar	Thomas Cole, KI5ELV #77743	3238 Wagner St., Shreveport, LA 71108	(318) 617-0562	ki5elv@yahoo.com
VP WAS.	Charles (Chuck) Dockery, N7UQ #72774	112 S. Rolling Meadows Dr. Wylie, TX 75098	(469) 829-5462	chuck@n7uq.com
VP Lucky 13 . .	Dan Morris KZ3T #41015	3162 Covington Way, Lenoir NC 28645	(828) 728-5049	dbmorris315@gmail.com
WAC	Kevin Gilot, NZ1I, #72759	50 Cindy Lane Mystic, CT 06355-1404	(860) 572-6086	kevinemt1d@tvconnect.net
Counties	Mark Tatlor Murphy, KC4HIT #57488	PO Box 936, Conover, NC 28613-0936	(336) 561-3630	kc4hit@gmail.com
Countries	Mike Davidson, N5MT #24949	26274 Whispering Pines Ave, Denham Springs, LA 70726	(713) 417-4727	N5MT@aol.com
CW.	Lee Zalaznik, KI6OY #50948	334 Olivina Ave., Livermore, CA 94551-6137	(925) 455-0361	lee.zalaznik@sbcglobal.net
Digital.	Mel Sojka, KD5DE #33513	353 Atlantic Ave., Shreveport, LA 71105-2909	(318) 286-2963	kd5de@nwla.com
Mobile	Paige Butler, W0FLZ #48658	21922 36th Ave NW, Stanwood, WA 98292	(425) 308-5561	w0flz62@gmail.com
OM/XYL.	Marcus Lieberman, KM5EH #71103	2300 Hurley Drive NW, Albuquerque, NM 87120-1013	(505) 836-1724	buckml@lobo.net
WAS	Eva Donaldson, WB0CON #53964	12933 W Montana Drive, Lakewood, CO 80228-4244	(303) 989-0475	wb0con@comcast.net
WPX	Ed Bryant, KM5FF, #50356	9001 Sunbow Ave SW, Albuquerque, NM 87121-8851	(505) 934-2100	elbble@gmail.com
GB Counties . .	Mike Crawshaw, G4BLH #18446	35 Edward Drive, Clitheroe, Lancashire, England BB7 1EF	No Phone	g4blh@zen.co.uk

Solar Powered 10 Meter QRP Portable in 1990 on Big Pine Key, Florida

By Matthew G. Vurek, N4DLA 10-X 22509

From January 15 through January 18, 1990, I set up a portable 10-meter SSB station at the home of Jorge, WB3LJY.



N4DLA, adorned a hat with a solar-powered fan for cooling, operates his solar-powered Johnson Viking 352 converted CB transceiver on January 16, 1990 (N4DLA photo)

He was a high school classmate when we both lived in Maryland as newly licensed hams (me as WB3GYL) in the late 1970s. Jorge built his solar-powered house (doing most of the work himself) on Big Pine Key in the late 1980s.

Jorge's "off the grid" house was elevated on pilings due to the ever-present threat of hurricane-related flooding. I strung a homemade 10-meter dipole from the home's second story railing to a nearby tree. My transceiver was a vintage 1975 Johnson Viking 352 23 channel AM/SSB Citizens Band transceiver that was converted (by a previous owner) to operate from 28.515 to 28.805 MHz. I purchased this 12-watt PEP output radio for \$50 from a vendor at the Baltimore Radio Amateur Television Society Hamfest at the Howard County Fairgrounds in West Friendship, Maryland on July 31, 1983. It had a great receiver and I made numerous 10-meter QSOs from my home station (in Maryland until 1987) which had a rooftop two element tri-band quad antenna. My trip to Big Pine Key would be the first time I operated 10 meter portable. Power was supplied



WB3LJY's solar-powered house served as N4DLA's temporary QTH during his 10-meter portable operation on Big Pine Key, Florida in January 1990. (N4DLA photo)

by a 12-volt golf cart battery, recharged by one of WB3LJY's solar panels. I hoped being close to the ocean and its potential "salt water linear" would enhance my QRP SSB signal.

During my four days there, I managed to make 57 QSOs distributed as follows:

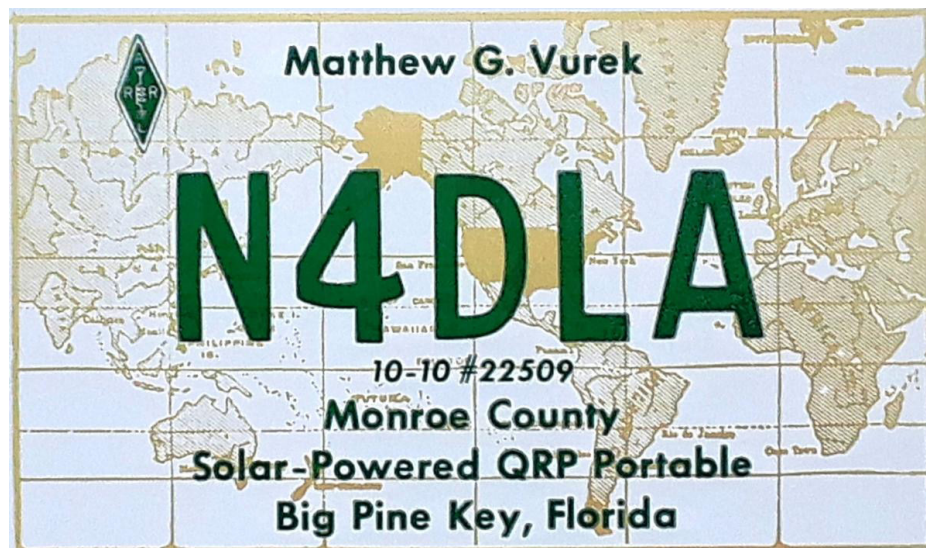
Countries: Argentina, Belgium, Brazil, Bulgaria, Chile, France, Ontario (Canada) Prince Edward Island (Canada), Saint Lucia, and Yugoslavia

U.S. States (23): Arizona, Arkansas, California, Colorado, Connecticut, Florida, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, New York, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota and Texas

10-X members: J6LQC 47428, W1EQ 4566 (age 90!), K2LPO 37531, W2ORA 34838, WD4MDW 21050, W5TJN 40064, KB7HRF 53102 and KA8LQZ 47792

Several evenings around 2030 GMT, I heard JA8YBY calling CQ DX, but, unfortunately, he never heard me. Otherwise, my signals were almost always reported as Q5 by the receiving stations. In my opinion, when you are HF QRP portable, every station you work, no matter how close, seems like "DX."

On March 21, 1987, the 10-meter voice band was extended from 28.500 MHz down to 28.300 MHz as part of the expansion of Novice and Technician class license privileges. I might have been able to work even more stations during my Florida visit had my transceiver functioned in this frequency range;



N4DLA sent this special QSL card (printed by SamCards) for his solar-powered QSOs.

otherwise, I was limited to (U.S.) General class and above stations.

The last QSO I made with this "CB Convert" was on December 25, 1999 from my home station in California with our very own 10-10 DX News columnist, Mike Davidson, N5MT (thanks for the QSL card, Mike!). The transceiver was sold a few months later and was replaced with a much newer Radio Shack HTX-10 transceiver, whose 2008 "hi-rise apartment portable" exploits were described in the April 2009 10-10 News.

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.



Licensed at least 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

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 2022

AJ7B, Randy.....	Editor	KZ3T, Dan.....	QSO Party Manager
G4BLH, Mike	Awards - GB	N5MT, Mike.....	Awards - DX
K1IEB, Tim.....	Net Control	N6OPR, Bob.....	Director
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	NP2MR, David.....	Committee Member
KA0ZPP, Jim.....	Director	NS6X, John	Committee Member
KC4HIT, Mark	Awards - Counties	NZ1I, Kevin.....	Awards – WAC
KD2NOM, Mark	Director	VA7GY, Garry	Committee Member
KD5DE, Mel.....	President	VE3MEW, Bill	Committee Member
KE0MIZ, Rob	Awards - 1000+	W0FLZ, Paige.....	Award - Mobile
KG5RJ, Greg	Committee Member	W2FDH, Frank.....	Committee Member
KI5ELV, Thomas	Awards - VP Bars	W5DJT , David	Committee Member
KI6OY, Lee	Awards-CW	W5SUM, Ronnie.....	Vice President / Secretary
KJ5SZ, Hugo	General Counsel	W7WHB, Steve.....	Net Control
KM4ODS, George	Director	W9HT, Joshua	Committee Member
KM5EH, Marcus	Director	WA2SUH, Larry	Director
KM5FF, Ed.....	Awards-WPX	WB0CON, Eva.....	Awards – WAS
KR7RK, Keith,	Treasurer	WB6OJB, Arnold.....	Net Control

RULES FOR THIS EVENT AVAILABLE AT 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.



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
01171	WA0TXL	John H. Romsdal - Aurora, NE
02749	VE1AOV	Gerald Wilson Avis - Kentville, NS
02833	W1JAW	John A. Wyatt - West Harwich, MA
03175	W1MHD	Raymond F. Jones, Jr. - Clanton, AL
04713	W9BFO	John A. Warren - Mount Vernon, IL
05041	W4LK	Lawrence C. Kirkland - Columbia, SC
05154	W6MF	Kenneth P. Dickson - Lompoc, CA
06346	W6DC	Daniel W. Colburn - Rancho Palos Verdes, CA
09040	W3GLD	Gary L. Dorsey - Levittown, PA
09849	W5ZO	Michael C. Lynch - Amarillo, TX
10323	WB4FLC	Charles D. Greer - Nunnally, TN
10530	W5IFP	Jimmie R. Hargrave - San Antonio, TX
12397	W4BTX	John F. Beckman - Stone Mountain, GA
12774	N7APN	Charles R. Williams - Burien, WA
13082	W4CLJ	David L. Jarrell - Milton, FL
13474	K5PRE	James A. Doughty - Young Harris, GA
16259	N8LH	Leon R. Harris - Battle Creek, MI
16731	K3VW	Vaughn W. Worth, Sr. - Selma, NC
16934	KC9ST	Richard A. Fontaine - Attica, IN
17547	KB4BW	Kent R. Schmidt, Sr. - Live Oak, FL
17694	NC2K	Raymond T. Sasser, Jr. - Wilmington, NC
18501	WB9TEM	William M. Brandes, Jr. - Elgin, IL
21587	NJ2F	Jeffrey I. Buerger - Naples, FL
22237	VK6ZY	Geoffrey K. Hampton - Kelmscott, WA
22974	WA8V	Edward M. Klusowski - Manistee, MI
23043	WD4LYV	Wayne C. Harrell - Sycamore, GA
23999	KU1L	Lawrence S. Polowy - Thomaston, CT
24990	WD5DMI	John P. Watz - Pollock, LA
26233	N4AVU	John D. Ayers - Lenoir, NC
26328	WB4CTW	Ralph I. Lockhart - Clinton, TN
26733	N4CKF	Glenn R. Thompson - Maryville, TN
28302	WD4GXT	Darwin J. Muir - Waymart, PA
28382	KW4YR	George F. Reeves - Avondale Estates, GA
28712	N3TB	Tony R. Barrett - Frackville, PA
29640	KC1X	Kenneth L. Weinbeck - Chelmsford, MA
30787	KW0T	William F. Cerny - Saint Marys, KS

10-10#	Call	Name - City, State
33453	KF4GA	Kenneth S. Baker - Equality, AL
34010	WA8W	Leroy G. Olding - Celina, OH
34629	N5EBH	Farrell Murders - Woodville, TX
35235	K4YNZ	John C. McDavid - Springville, AL
35427	W8IMO	Robert S. Sull - Avon Lake, OH
37109	KB1LV	Bent Jensen - Wells, VT
37299	K4RCG	Robert A. Stohlman - Culpeper, VA
37339	KJ4IC	Robert W. Gates - Bradenton, FL
37983	W0IKT	John R. Miller - Anderson, SC
38668	W1XYZ	Robert J. Crowley - Sudbury, MA
40871	WA5L	Allen T. Wheatley - Garland, TX
44408	N9VR	William D. Hummer - Mishawaka, DEU
45155	NM2D	Robert A. Fox - Saugerties, NY
46106	W4NNL	Robert L. Risacher - Pawleys Island, SC
47240	KH2OP	Charlie Troxel - St. Louis, MO
49547	N1WA	William Aab - Lake Worth, FL
49932	KC4EKH	Elisabeth B. Kelly - Hopkinsville, KY
50543	W3TWI	Harold E. Walchli - Monroeville, PA
51230	KA1TBY	Daniel St. Laurent - Amherst, NH
52934	N0KHH	Stephen A. Kubitz - Waconia, MN
53392	WG1B	William D. Gipson - Loudon, NH
55530	VE3WSY	Robert S. Simon - Merrickville, ON
56097	K4OVR	Frances R. Porter - Sun City Center, FL
56550	N5TN	Carlos A. Scheer - Chesterfield, MO
56708	KI7NB	Albert L. Larsen - Lafayette, OR
56749	N7OYK	Douglas R. Ingraham - Slat Lake City, UT
59455	KF2IW	Waldemar S. Hawaj, Sr. - Olean, NY
59461	KB2MUQ	Paul W. Maikranz - Holland Patent, NY
62083	KD6HWD	Thomas A. Risher - Round Rock, TX
62503	N7VKE	Robert C. Anderton - Bountiful, UT
64414	N4CQR	James C. Still - Berea, KY
64539	K3RX	Thomas F. Sweeney - Owings, MD
64587	N3MPS	Laurence J. Van Gilder - Charlotte Hall, MD
65052	K7NNV	Gordon A. Cole - Fallon, NV
65607	KD4NGK	Fred R. Badger - Abingdon, VA
67185	WJ1C	John D. Carr - Belfast, ME
67869	K5MDI	Joseph M. East - Dickinson, TX
69058	KM5OE	Lloyd A. Overcash - Spring, TX
69175	N9MGF	Phillip R. Lerum - Fox Lake, WI
69620	DL5HCN	Elke Radtke - Hamburg, Germany
69683	KB8YMN	Mark M. Griggs - Grove City, OH
69955	AE7KI	Gerhard Rosam - Monroe, TN
71015	VA7GHW	Gladys Mary Haldane-Wilsone - Kelowna, BC
71878	K5EMH	Everett E. Gaussoin - Bosque, NM
73486	KA0YLP	Charles J. Patterson - Sioux Falls, SD
74084	N9QVO	David A. Craig - Shelbyville, IN
74113	K6USN	Allen R. Sherwood - Monterey, CA

10-10#	Call	Name - City, State
74136	N2GT	Sterling M. Rodgers - Point Pleasant, NJ
74734	KD4IEN	Kenneth L. Snipes, Jr. - Erwin, TN
74986	K4VHV	Albert E. Onley - Elizabeth City, NC
75091	K8WFL	Timothy T. Price - Wickliffe, OH
75124	W5HPQ	James S. Flannigan - Houston, TX
76030	K5QNT	James H. Redmond, Jr. - Tickfaw, LA

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

2022 Ten-Ten QSO Party Schedule

Event	Dates	Postmark
Sprint	Oct. 10	Oct 18
Fall CW	Oct. 15-16	Oct. 24
Fall Digital	Nov. 12-13	Nov. 21
Anniversary (60)	Jan 1 - Dec 31	Jan 8, 2023
Meet the Volunteers	Jan 1 - Dec 31	Jan 8, 2023

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 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 and follow the links from 'membership' to 'renewals' and select the membership category.

DATA MANAGER SERVICES

Call/Name/Address Changes

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

All payments may be made by Check, 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

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 that will be awarded next year. 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 the ten-ten.org 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. 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, than 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 "60" in their membership number (i.e., 72060, 69605, 66054, 60126, 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 event has been postponed until further notice.

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. 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.

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