

10-10 INTERNATIONAL NEWS

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July 2005 (Summer)

10-10 CONVENTION A HUGE SUCCESS



PETER G4YNO #51527 WINS BEST DRESSED COWBOY AWARD - FIVE BANK WURLITZER PIPE ORGAN WOWS 'EM AT ORGAN STOP PIZZA - DOLLY BOAT TOUR FLOATING FUN. IF YOU WEREN'T THERE YOU REALLY MISSED OUT - MORE PICTURES INSIDE

The 10-10 International News

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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.

Please mail all articles and photos to:

EDITOR 10-10 News
Steve Rasmussen, NØWY #68684
312 N 6th Street, Plattsmouth, NE 68048-1302
Email: n0wy@alltel.net



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Member
AMATEUR RADIO NEWS SERVICE



OFFICERS, DIRECTORS AND NET OFFICIALS

Award Managers listed on Pg 23 - Membership Information listed on Pgs 30-31

President

Chuck Imsande, W6YLJ #19636
 20815 Desert Sands Dr., Sun City West, AZ 85375-5443
 (623) 214-8788chuck@w6ylj.com

Vice President

Michael P. Elliott, K7BOI #54625
 1210 East Rivers End Drive, Eagle ID 83616-6383
 (208) 376-3458k7boi@cableone.net

Secretary

Dick Corlew, NC6V #25057
 3213 Carolyn Circle, Oceanside, CA 92054
 (760) 757-9284nc6v@cox.net

Treasurer

Keith Schlottman, KR7RK #63324
 9581 E. Calle Cascada, Tucson, AZ 85715-5819
 (520) 290-5883kr7rk@prodigy.net

Directors

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

Rob Ireland, VE9KM #69811
 31 St James Street, Sackville, NB E4L 4L7 Canada
 (506) 536-1038r Ireland@mta.ca

Brad Kimble, KØDBK #55192
 3855 66th St. E., Inver Grove Hgts, MN 55076-2222
 (651) 450-1173k0dbk@comcast.net

Jack Moore, K5CC #50708
 371 Ridge Creek Lane, Bulverde, TX 78163-2871
 (830) 885-2194k5cc@gvtc.com

Steve Rasmussen, NØWY #68684
 312 N. 6th Street, Plattsmouth, NE 68048-1302
 (402) 296-4434n0wy@alltel.net

Doris Slye, N3TGB #68129
 708 Doages Drive, Millersville, MD 21108-2132
 (410) 923-2811n3tgb@aol.com

Cliff Taylor, K5FBS #48461
 22707 Red Mountain Dr., Elmendorf, TX 78112-6034
 (210) 621-2741catk5fbs@aol.com

Joe Williams, WA9TSG #310
 PO Box 511092, Milwaukee, WI 53203
 (414) 263-3618jwilliams34@wi.rr.com

Certificate Manager

Ruth Bartholomew, NØKDB #48715
 10030 Plum Road, Sullivan, MO 63080-6717
 (573) 468-2898n0kdb@fidnet.com

Chapter Coordinator

Cliff Taylor, K5FBS #48461
 22707 Red Mountain Dr., Elmendorf, TX 78112-6034
 (210) 621-2741catk5fbs@aol.com

Contest Manager

Steve Rasmussen, NØWY #68684
 312 N 6th Street, Plattsmouth, NE 68048-1302
 (402) 296-4434n0wy@alltel.net

Data Manager / Supplies

Data Manager, 10-10 International Net., Inc.
 PMB 142, 643 N 98th Street, Omaha, NE 68114-2342
 (402) 891-2481wa6poz@arri.net

DX Area Manager

Carol Hugentober, WA8YL #29588
 4441 Andreas Avenue, Cincinnati, OH 45211-2622 USA
 (513) 661-5323wa8yl@juno.com

Editor 10-10 International News

Steve Rasmussen, NØWY #68684
 312 N 6th Street, Plattsmouth, NE 68048-1302
 (402) 296-4434n0wy@alltel.net

General Counsel

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

Net Manager

Doris Slye, N3TGB #68129
 708 Doages Drive, Millersville, MD 21108-2132
 (410) 923-2811n3tgb@aol.com

QSL Bureau Manager

Bob Peschka K7QXG #05956
 592 SE Cypress Ave., Dallas, OR 97338-2932
 (503) 831-1455k7qxcg@pcez.com

Scholarship Manager

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

SK Manager

Ruth Bartholomew, NØKDB #48715
 10030 Plum Road, Sullivan, MO 63080-6717
 (573) 468-2898n0kdb@fidnet.com

W6OI Station Trustee

Jack Moore, K5CC #50708
 371 Ridge Creek Lane, Bulverde, TX 78163
 (830) 885-2194k5cc@arri.net

Webmaster

Darwin Piatt, W9HZC #73090
 10532 Larimore Circle, Omaha, NE 68134
 (402) 991-0412dw-piatt@cox.net

HOT OFF THE PRESS

Steve Rasmussen NØWY #68684
Editor 10-10 News



I would like to congratulate Jon and Donna Goering and the rest of the convention committee for their enthusiasm and hard work in putting on one of the best conventions I have ever been to. It also doesn't hurt to say that the change in how the board met didn't hurt a bit either, although it meant some pretty long nights. This is the first time I have ever been able to go on any of the tours - and I went on ALL of them. I took over a hundred pictures and you can see several of them in this issue of the NEWS.

The board meeting was pretty strenuous and if you have never been to one, it might be to your benefit to try and do it sometime. We had a couple members join us this time and it really opened their eyes.

You will need to review the contest rules. There are two changes that needed to be made. One of them reflects a change in the Club entries. It is no longer required that a 10-10 member operate a club station as long as the club station has its own 10-10 number. Another change is for assigning your score to a local chapter. The old rule regarding being within groundwave is reinstated with a change. Instead of saying within groundwave - it now states your station must be within 150 miles of the primary net location.

Other items decided on were to make the 10-10 QSO Bureau permanent, to make the W6OI special event permanent and we also listened to proposals regarding the 2007 Convention and my favorite, a discussion regarding what constitutes advertising in the NEWS. The end result of that last discussion will be making some long desired changes in this publication. We will now have the ability to tell you about equipment and programs that can help you in your hobby without fear that it constitutes advertising.

There were many, many discussions and you will be able to see the results in the minutes of the board meeting which should be published in the next edition of the NEWS.

Until then...73 and cu on the air!!!!

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and much more!

10-10 NET CONTROL STATIONS

ALL NETS BEGIN AT 1800Z

Monday (28.380)	Dick, K6PZE #01341
Monday (28.800)	Doc, WB6OJB #70675
Tuesday (28.380)	Brian, KC7OC #67668
Tuesday (28.800)	Don, KB0ON #29849
Wednesday (28.380)	Chris, N7PVL #58018
Wednesday (28.800)	Louise, N6ELK #36654
Thursday (28.380)	Bob, N6OPR #45715
Thursday (28.800)	Robert, KQ4PK #63201
Friday (28.380)	Bill, KB9MJ #22313
Friday (28.800)	Tom, KA9EKG #70731
Saturday (28.380)	Bob, W2BOC #71096
Saturday (28.800)	Earl, KS4XI #70679
Sunday	"NEVER ON SUNDAY"

Alternate Net Controller	John, NS2M #72143
Alternate Net Controller	Dick, WD8QHY #58858
Alternate Net Controller	Bob, K4QHH #26040



from the office of the
PRESIDENT
10-10
International

Chuck Imsande
W6YLJ #19636

by Mike Elliott, K7BOI (Vice President)

I'm playing designated hitter for this issue of the NEWS. As some of you know, our president, Chuck Imsande, W6YLJ #19636, suffered a stroke during the 10-10 convention in Mesa, AZ. He was rushed to the hospital from the convention hotel. After a few days at that hospital Chuck was moved to a hospital closer to his home in Sun City West, AZ. Chuck is responding well and is now involved in a rehab program to help him regain his strength. I have spoken to him several times on the phone and he is in good spirits and looking forward to his release from the hospital. The 10-10 web site (ten-ten.org) has periodic updates on Chuck's progress.

Chuck did ask that I thank the many 10-10 members for their kindness in sending get-well snail-mail and e-mail messages. Those messages have done wonders to lift his spirits.

The following is a summary of some of the many 10-10 activities over recent months:

Dayton - Dayton was a huge success for 10-10. We had our usual booth in our usual place. The attendance for Dayton was up from last year, with a total attendance in excess of 25,000. For the first time in many, many years there was no rain during convention hours on Friday, Saturday or Sunday.

The 10-10 booth was very busy, with as many as four members waiting in line to renew their dues at times. We renewed 79 members with 45 being three-year renewals. One gentleman renewed his dues that had expired 27 years ago! Old members seem to always come back!

The 10-10 forum had an attendance of approximately 50, with about 10 non-members looking for information about 10-10. A PowerPoint presentation about 10-10 was given and questions answered.

A 10-10 member, Alan S. Kaul, W6RCL #19628, was selected as the **Dayton Hamvention Radio Amateur of the Year** for his dedication to the ongoing education of radio amateurs and for his contributions in publicizing Amateur Radio to the non-licensed world through mass media. Alan is a career electronic journalist currently

serving as West Coast Producer for NBC Nightly News. A licensed amateur most of his life, he began his service to the hobby in the late 1970's as a writer and reporter for the Westlink Amateur Radio News. Alan is active in several areas of Amateur Radio including QRP operation, CW operation and contesting to name only three. Alan and his wife, Christine, live in La Canada, California.

10-10 Convention - The 2005 10-10 Convention was held in Mesa, Arizona on June 8-12, 2005. A group of approximately 125 10-10'ers and many of their family members spent four days talking radio and 10-10. The highlights included the Wednesday Chuck Wagon Dinner with western entertainment. This followed the convention's western theme. Two busloads of people went on a trip to Canyon Lake for a steamboat ride and then on to visit the authentic Goldfield ghost town. Goldfield has been intact since the days of the Arizona Territory in 1893 and lies in the shadow of the famous Superstition Mountains.

Friday's highlight was a trip to Organ Stop Pizza for lunch. We were entertained by one of the world's largest Wurlitzer pipe organs. This mighty Wurlitzer pipe organ was originally built for the Denver Theatre in 1927. It has been completely rebuilt and now boasts of over 5500 pipes in a specially built building with 43-foot ceilings to provide unparalleled acoustics.

Friday and Saturday included groups gathering in either the Convention Ballroom or the Hospitality Room for continuous eye ball QSO's. The Convention Ballroom had over 20 chapter tables with each chapter giving awards and points for attendance at the convention. The Saturday night banquet featured a program by the ARRL Southwestern Division Vice Director, Ned Stearns, AA7A #11185, who entertained the audience with his presentation of "Confessions of a Radio Junkie". A beautiful hand made 2005 Convention Plaque designed and crafted by Ruth Bartholomew, N0KDB #48715, was auctioned off at the banquet with the proceeds going to the 10-10 Scholarship Foundation in the memory of her late OM, Art, N0KDA #47266.

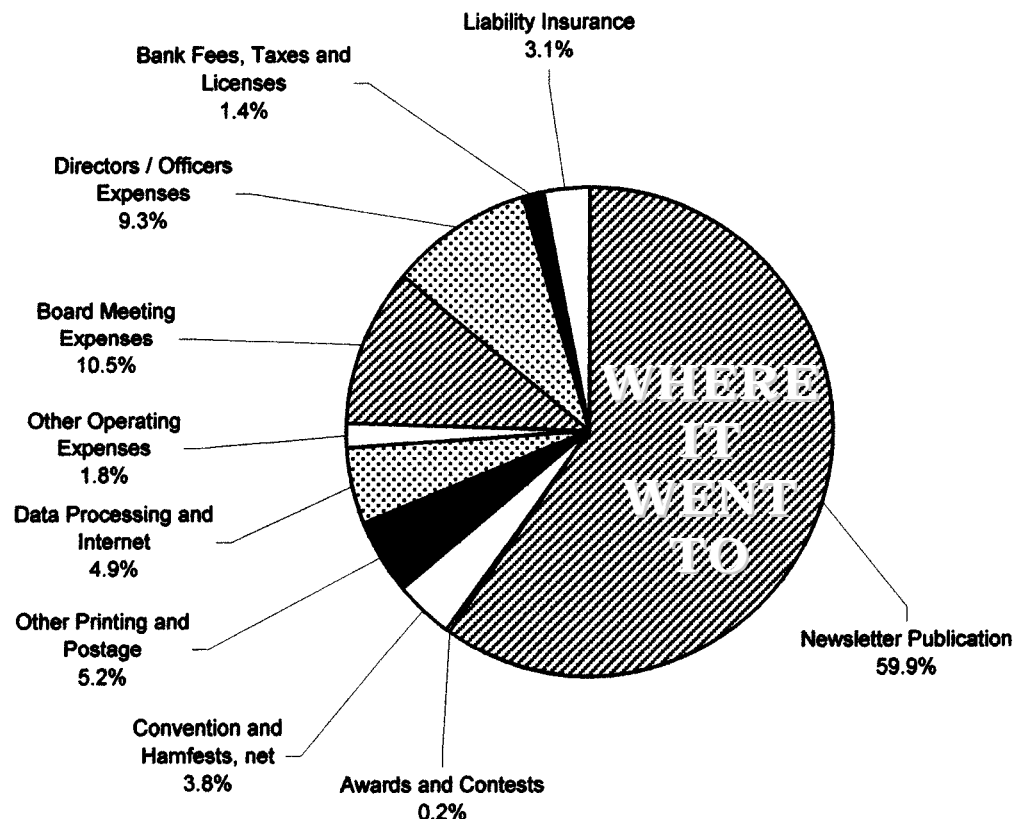
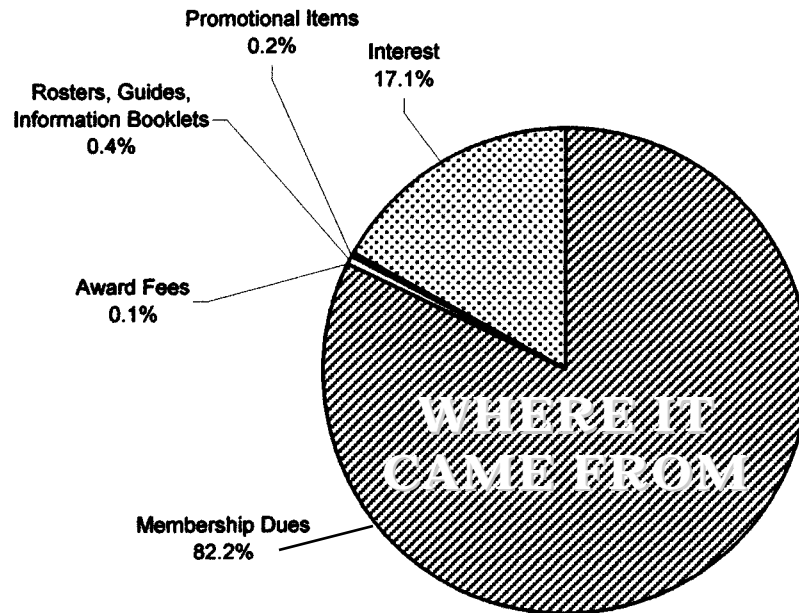
The convention closed with a Sunday morning buffet breakfast and an interesting program by Jim Henderson, KF7E #11851, on the recent 3B9C DXpedition. Jim was a member of the 3B9C team and related the fun of being involved in such sought after DXpedition.

Jon Goering, NJ7I #43483, and his committee did a fantastic job in putting on the 2005 Convention and are to be congratulated for a job well done.

73 and see you all next issue!

TREASURER'S REPORT

Here is a quick recap of the Treasurer's Report as given at the Board Meeting on June 10, 2005 for the fiscal year ending March 31, 2005. If you wish to have a detailed Treasurer's Report listing all income and expenditures, please contact the Treasurer at the address or e-mail as listed on page 2 of the NEWS.



CONVENTION PICTURES

PRESIDENT CHUCK W6YLJ #19636 KICKED THE CONVENTION INTO HIGH GEAR WEDNESDAY NIGHT WITH A CHUCKWAGON BANQUET WHICH INCLUDED COUNTRY WESTERN KARAOKE WITH ROSEANNE WAGNER (CHUCK'S NEXT DOOR NEIGHBOR) AND BOB HILL.



ON THURSDAY WE TOOK A BUS TRIP TO THE OLD WEST, STARTING WITH A DOLLY BOAT RIDE AROUND CANYON LAKE AND THEN TO GOLDFIELD GHOST TOWN, STILL INTACT FROM THE ARIZONA TERRITORY IN 1893, IN THE SHADOW OF THE SUPERSTITION MNS.



CONVENTION PICTURES

**FRIDAY WAS THE TRIP TO THE ORGAN STOP PIZZA FOR LUNCH AND A CONCERT COMPLETE WITH BUBBLES!
AFTER A LONG EXTENDED LUNCH - WE RETURNED TO THE CONVENTION IN TIME FOR THE W60I PARKING LOT NET.**



**THE CONVENTION CENTER WAS OPEN ALL DAY FRIDAY AND SATURDAY SO YOU COULD MEET WITH REPRESENTATIVES FROM
SEVERAL CHAPTERS. SATURDAY ALSO PRESENTED SOME GREAT FORUMS TO TEACH AND KEEP YOU ENTERTAINED.**



CONVENTION PICTURES

SATURDAY NIGHT BROUGHT THE BANQUET WITH NED STEARNS AA7A #11185 GIVING US HIS "CONFESSIONS OF A RADIO JUNKIE"



CINDY N3TF #58528 WAS SUCCESSFUL BIDDER ON THE 2005 CONVENTION PLAQUE. ONE ICOM 706MkIIg WAS WON BY MARCUS KM5EH #71103 FOR THE GENERAL GRAND PRIZE AND ANOTHER WAS WON BY AL K8YG #69312 FOR THE PREREGISTRATION PRIZE.



CONVENTION PICTURES

KEEPING IT IN THE FAMILY - DAN N7QHC #59244 WON THE 50-50 AND HIS XYL DAWN KC7YYB WON THE NONHAM/YL PRIZE OF A \$100 WALMART GIFT CERTIFICATE, HERE BEING PRESENTED BY DONNA KBOJOK #59358



SUNDAY WAS A BUFFET BREAKFAST AND PROGRAM ABOUT THE 3B9C DX-PEDITION BY JIM HENDERSON KF7E #11851. THERE WAS ALSO A GET WELL SOON SIGN FOR CHUCK IN THE CONVENTION CENTER FOR EVERYONE TO SIGN.



An-Ten-Ten-nas

INFORMATION
TO HELP YOU DECIDE
ON THE BEST ANTENNA
FOR YOU

L. B. Cebik
W4RNL #41159



In each issue of the News, we shall try to clarify a significant cluster of ideas used in antenna work. Our object is to help you make the best decisions about the antennas you buy or build without imposing our own prejudices on you. The more you understand, the better your choices will be.

No. 48: The Ubiquitous 4:1 Balun

In our last episode, we introduced the idea of a balun. We noted that in its most generic use, the term "balun" refers to any device that enables us to make a transition from a balanced circuit to an unbalanced circuit--or vice versa. The most common application of the term occurs in antenna and feedline work.

More specifically, many uses of the term "balun" wish to indicate the use of a transmission-line transformer, a specialized wide-band transformer whose turns have a characteristic impedance, that is, whose turns are formed with transmission line sections. We noted that such impedance transformers come in many forms, ranging from linear air-wound versions to the more common toroidal form using a ferrite core (or cores, for high power transformers).

Balun transformers can have a large range of impedance transformations, running at the low end from 1:1 up to as much as 9:1. Perhaps the individual who has written the most on the basic balun transformer and done the most in developing versions that one can build is Jerry Sevick, W2FMI. He has several books on the subject.

In our last episode, we looked at the all-50-Ohm (or, more generally, the all coax) system. We discovered that the balun transformer is only one of the devices that we can use to effect a transition from a balanced to an unbalanced system. Besides the transmission line transformer, we could use a ferrite bead choke or even a specially wound coil of coax to attenuate common-mode currents virtually anywhere along the line, depending on our needs.

In this episode, let's look at the balun transformer itself. Its purpose is to transform impedances over a wide range of frequencies--for example, the entire HF range from 3 to 30 MHz. It just happens also to attenuate common mode currents as well.

Fig. 1 shows the ideal situation for a transmission-line transformer as a balun--on the left. We buy or build a balun transformer with the desired impedance transformation relative to our 50-Ohm main feedline cable. Actually, most baluns are able to handle impedances over a range, so the 50-Ohm side can vary somewhat. If our balanced impedance is 200 Ohms, then a 4:1 balun will change that to 50 Ohms on the unbalanced side. In fact, I know of at least one contest

operator who designs his beams to produce a 200-Ohm impedance in a Tee-match and then uses a 4:1 balun at the feedpoint for his 50-Ohm cable.

However, we are not restricted to a 4:1 balun. In fact, the balanced side need not have a higher impedance than the input side. There are 4:1 baluns that will transform a 12.5-Ohm balanced impedance to a 50-Ohm unbalanced impedance. We cannot simply turn the common 4:1 balun around, since it is doing two jobs at once: transforming the impedance and effecting a balanced-to-unbalanced transition.

We noted that the greatest efficiency occurs when the characteristic impedance of the balun winding is the geometric means between the high and low impedances. Sometimes, the transformation that we need is very high, for example, 16:1 in some cases (with terminated folded dipole all-band antennas, for example). In these instances, we may start with a 4:1 balun. Then we can add a 4:1 unun, that is, a transmission-line transformer designed for unbalanced input and output sides. The right side of Fig. 1 shows this option. If we must match 800 Ohms to 50 Ohms and go from a balanced side to an unbalanced side, then the dual transformer option is sometimes best.

When used properly, transmission-line transformer baluns can be over 99% efficient. However, they do have their limits. For one, they tend to become lossy when the impedance on the antenna side has

Optimal Uses for Baluns and Ununs

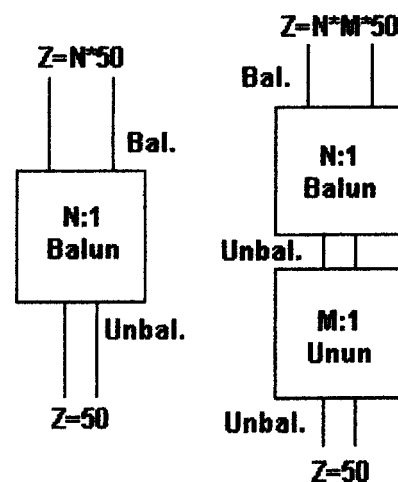
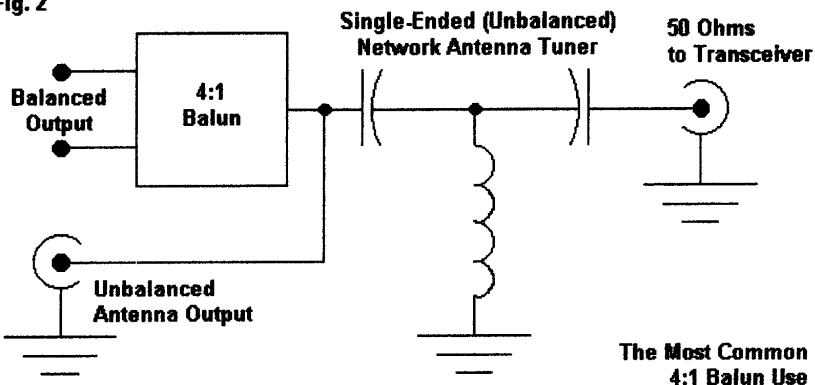


Fig. 1

Fig. 2



considerable reactance. Sevvick recommends that all matching to remove reactance be done on the antenna side of any balun transformer. It is also possible to over-power baluns so that they begin to heat before the cores reach saturation. Whatever signal energy turns into heat is energy no longer available for radiation and communication.

Now let's look at Fig. 2, the most common application of the ubiquitous 4:1 transmission-line transformer balun.

The sketch shows in simplified form the typical unbalanced (or single-ended) network tuner. The coils and capacitors in a real tuner would be variable or switched, and the unit might even have a built-in SWR meter. However, we can see, just by looking at the ground symbols, that the main purpose of the tuner is to match unbalanced antenna impedances as they occur at the output coax connector to 50 Ohms at the other coax connector.

However, the chief use for most antenna tuners is to handle multi-band wire antennas using parallel feedlines for low losses in the presence of a very wide range of antenna-terminal impedance values. Most multi-band antennas will not only show both high and low impedances, but as well, the impedances will have both resistive and reactive components, both of which may be high. The impedance at the balanced terminals of our tuner will be a function of 3 variables: the antenna terminal impedance, the characteristic impedance of our feedline, and the length of the line itself. When the antenna impedance is not an exact match for the feedline impedance, the value of impedance will undergo continuous transformation along the line every half-wavelength at the operating frequency.

To handle these impedances, tuner makers install a 4:1 balun. Depending on the tuner maker, these units may range from poor to excellent in quality. But they are still 4:1 baluns. Even at their highest efficiency, they transform the impedance at the terminals down to a value that is 25% of the tuner terminal value.

However, because the impedance undergoes continuous transformation along the way, it may already have a low impedance at the tuner terminals. If it is already 20 Ohms (a value that has occurred in many instances), then a completely efficient 4:1 balun will transform it to 5 Ohms. Most tuners will be able to transform the 5 Ohms up to 50 Ohms, but they will not do so efficiently. Considerable power will be lost, not in the balun, but in the tuner. Since the tuner components are large, you may not be able to detect the heat, but the losses will be there.

So far, we have assumed that the balun is completely efficient. However, as we have noted, the impedance at the tuner terminals may consist of both resistance and reactance. Many balun designs become lossy in the presence of high values of reactance.

The end result is a system that is lossy by design. The 4:1 balun has been added to the single-ended tuner as an afterthought, a convenient way of claiming that the tuner will handle both balanced and unbalanced antenna side loads. However, we must always ask how well it will handle such loads, and the answer is not always pleasing.

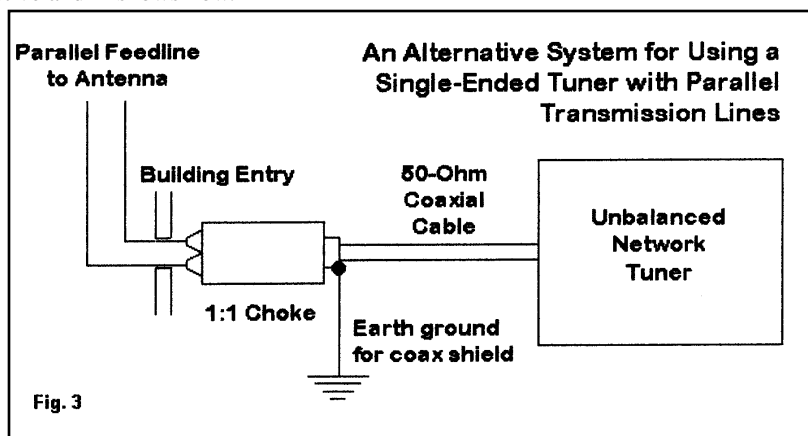
If you do use a multi-band antenna with parallel feedlines for operation on the "other" HF bands, there are better ways to handle the matching requirements. There are still a few link-coupled antenna tuners left over from ancient times, such as the Johnson Matchboxes produced from the 50s through the early 70s. European operators can still find a few good Anneck link-coupled tuners.

More recently, several makers have introduced balanced network tuners. These tuners, shown in outline form in the last episode, do

their matching work while still in the balanced configuration. At the transceiver side of the unit, where the impedance is now 50 Ohms or very close to it, some builders install a 1:1 current balun to transition from the balanced impedance to an unbalanced line, namely, the coax from your tuner to the rig. (I have recently seen a low cost balanced tuner circuit that does not indicate the presence of a balun. In this case, you will have to add one.)

Balanced network tuners are not without limits. They have their widest matching range--that is, their ability to handle high impedances with relatively high reactive components) at the lowest frequencies. The matching range tends to narrow as the frequency goes up. At the high end of the spectrum, the required values of inductance and capacitance for high impedances tend to be below the minimum values that the components can achieve.

Now let's suppose that you already have a single-ended network tuner. Let's also suppose that you want to spend your money on other things than a new balanced network tuner. Is there a way to press the unbalanced tuner into service and to get reasonably good (even if not perfect) performance from it? The answer is affirmative, and Fig. 3 shows how.



First, we shall forget about the 4:1 balun inside the tuner and use the unbalanced coax connector antenna-side output. We shall obtain a short length of coax, just enough to reach from the tuner to the entry point for the feedline to our multi-band antenna. If we obtain the very lowest loss coax we lay our hands on, so much the better, and if we can keep the coax run as far under 20' as possible, so much the better to keep losses minimized. At the entry point, either indoors or outdoors, we shall install a 1:1 choke. For this application, I tend to prefer ferrite bead type chokes, since the antenna side terminals may have considerable reactance. Note that on the coax side of the choke, we run a short lead to a ground rod from the coax braid. The lead should be as short as feasible and the rod as long as possible. Finally, we connect our parallel feedline to the antenna side of our 1:1 choke.

In this configuration, we use our single-end tuner in the mode for which the design is most apt. We do not transform any low impedances down any further. The system will have losses. The high SWR on the coax run becomes lossier the higher we go in frequency and the longer we make the run. Hence, keeping the run very short and using very low loss coax are essential. The choke will also suffer some losses, depending on the SWR value we see there. However, the system has proven more effective in many instances than using the 4:1 balun inside the tuner. As well, because the parallel line is wholly outdoors, the system has freed many ham shacks of troublesome RF indoors. The system is not perfect, but it has proven over the last 20 years to be reasonably effective.

CHAPTER COORDINATOR'S COLUMN

by Cliff Taylor K5FBS #48461



General Comments:

I waited until after the Mesa Convention to do this column so that I would have the latest information re chapters. I'm glad that I did because I will have a lot more to comment on. I had a great time and feel that the Board of Directors meeting accomplished much. (Kudos to Jon, NJ7I, and his crew on the Mesa Convention.)

Just a few days before the convention, I noticed that one of the old chapters, and one that everyone has enjoyed for years and years, was not on the "Chapter Net Guide" or had no chapter information listed in the "10-10 Chapters" in the 10-10 News. I queried the CM and was told that the chapter had just never gotten around to affiliating. Dick, NC6V, explained that the chapter was given life during the time that seven locals had to be on the affiliation request and that some of the members were Marines who had shipped out before the chapter had sent the request in. As the chapter was known to all and being enjoyed, the affiliation request was just forgotten. Dick let me know that he would like to give up the chapter, so at the convention, I happened to mention to a few people that we had a chapter that the CM would like to give up, and, lo and behold, I had a taker right away, Janet, KC5QCB. I informed her that it had not been affiliated, so she wanted to know what the process was. I told her how to go about it, where to find the information form and that we could get the affiliation process accomplished if she wanted to use Texas locals as the affiliation stations because we had 4 members of the Affiliation Committee there at the convention. She downloaded the form, found 5 Texas who would like to be on the affiliation list, completed the form, duped enough copies for me to pass to the committee members, and gave them to me. I passed the forms out to the committee, got them back posthaste with the OK, and informed her that the chapter was now affiliated. This was probably the **quickest affiliation in history**.

By this time, you have all probably heard of the demise of the CM of the Great Lakes Chapter, Bob, WA8OXS. I am trying, through Bob's good friend, Bill, WD8PFD, to get the records of that chapter. In addition, I am sad to inform you that another chapter is closing its doors, the Cast Iron Tower Chapter. Steve, DL5DXS, and Andy, DL1DSA, are not able to continue with the chapter because of other commitments. I am also trying to obtain this chapter's records, and, as well the records of the City of Melbourne Chapter. I am doing this because I believe that the records need to become a part of the 10-10 archives, and to make the records available to anyone in the future who decides to take over the QRT chapter. We much appreciate the work that the aforementioned chapter officials have put into 10-10 and wish them well in the future.

If you are planning a special for your chapter for any period during the months of September through November, please let me know so that I can either list it here if space permits, or list a contact person if space does not permit. This is primarily for those without email capability. There is some concern

that these stations are not getting the word about specials, etc., and one way to get out the word is to "advertise" here. I received a couple of complaints about chapters not doing snail mail upgrades, but there must have been just a misunderstanding as I can assure you that there is no affiliated chapter that does not do snail mail upgrades.

In an effort to make the submission of the quarterly report easier for you, the CH or CM, an on-line form has now been placed in the "Forms" section of the 10-10 website. If you need to submit the form, just go there, fill out the form and submit. This was made possible by Jack Stone who is working with the webmaster, Dar, W9HZC. Since the chapter was put on-line, and, as of today, 17 June, the Air Capital, Elmer J. Fudd Net, Milwaukee, Minuteman, Restoration Project, Route 66, Santa Fe Trail, Space Coast, and Springbok Chapters have submitted the new form. BTW, the latest information from these chapter quarterly reports is always contained in the "Chapter Net Guide" and "10-10 Chapters" sections of the 10-10 News - this information is sent monthly to the webmaster).

If you are a Chapter Head or Certificate Manager, or in a few chapters, the Correspondent, I implore you to please inform me immediately of a change in your email address.

Numerous seals and points were handed out at the convention, so watch certificate lists for all of these additional points and/or seals.

Quarterly Reports Overdue - Reminders and/or Final Notices have been sent to these chapters: (Due July 2004) Twenty-Eight; (Due January 2005) Palmetto, Pine State; (Due February 2005) Major League Baseball; (Due April 2005) Lonestar, Trotters and Pacers; (Due May 2005) Oceans of the World and Sun Coast Radio

Quarterly Reports Due: (June) Borinage, Down Under, Windfarms; (July) Castle Craig, City of Lights, Cowtown, Electric City, Fort McHenry/Cornerstone, Neanderthal, Oklahoma Route 66, Steel City; (August) Aloha, Bauxite, Boomtown. Colorado Quartermaster, GB Ten, Houston SHOT, Kansas Trails, NM Mud Ducks, Oregon Trail, Possum Trot, Republic of Texas, Twin Cities

Chapter News

Alii: The chaoter will be running a spell-it special in the fall. Watch the internet for details. If you don't have email capability, an SASE to the certificate manager will also get you the details.

Fort McHenry/Cornerstone: During the month of July, collect Fort McHenry Patriot numbers for 1 point each and collect Cornerstone Cannont numbers for 5 points each. Upgrades must be postmarked no later than August 31, 2005. During the month of October collect Fort McHenry Constellation (WAS) numbers for 1 point each and Cornerstone Star Fort (WAS) numbers for 5 points each. Upgrades must be postmarked no later than November 30, 2005.

GB Ten: The Stars and Stripes (SAS) Program: Collect IAcon, Oaktree and Macon seals for 3 stars each; collect SANcon and MESAcon seals for 2 stripes each. 50 stars and 13 stripes are needed for 1 flag. Each flag is worth 10 points. This is a retroactive program. If you attended all 5 conventions, you will be given 1 bonus flag. Flags will be collectible in a future program

Gold City: The CM reminds everyone that this chapter is not (IS NOT) a daily contact chapter.

New Waterkant: Only these seals are collectible: HH, KI, HB, RO, FL, HK, WAS, WACA, DSW, VIS CON-A and CON-B.

10-10 INTERNATIONAL NEWS

South Texas Lighthouse Brigade: An upcoming joint "Special" is planned for the Fall. Details will be posted on the South Texas Lighthouse Brigade website and via email when finalized.

Space Coast: The special, A Trip Through the Solar System is now a worksheet with no time limit. I am still missing these basic numbers - 4, 30, 69, 71, 89, 91, 100, 104, 123, 146, 147, 149, 150, 193, 208, 210, 212-215; and these seals: Co Pilot - 101; Pilot seal - 74; Commander - 38; Controller - 43; VP - 22-23, 30-32; Trawler - 13. For those of you who have finished the above worksheet, another is being compiled and will be called: There's a Moon Out Tonight.

Springbok: The Springbok Chapter has been revised. To see all of the revisions go to the SCI Web Page <http://springboknet.com>. Also we now have a calculator on the web page so any member may now calculate their new on air points. We hope all the members will enjoy the new and final revision of the chapter. We will add one more final certificate to the chapter. This is called SPRINGBOK MASTER, This certificate will have no end. Watch the SCI web page and the 10-10 News for all the information on this new part of the program as soon as all the details are worked out. It will come after you have completed all the rest of SCI Programs.

Chapters that Accept Upgrades Via Email ((As of 1 September 2004:

All of the listed chapters generally need previous, new, and total points and seals claimed. Any transaction with the CH that requires that a certificate be issued, and most worksheet specials, should still be handled via US Mail. Also to be on the safe side, a detailed listing of the upgrade should be kept in the event that the CM should require verification. Requirements peculiar to a particular chapter are noted below.

Alii - CM WH6S, wh6s@hawaiian.net. Use form available from the CM.

Battle Road - CM K1IEQ, k1ieq@juno.com

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

Bay Area - CM AC6FU, Jack_Ruckman@msn.com (Bay of Bridges) All others to K6RDK, k6rdk@smrn.com

Boomtown - CM N5EBA, ed_cisse_neal@yahoo.com

Bounty Hunters & Outlaws on Ten - CM WD5EDR, wheberling@satx.rr.com

Borinage - CH/CM ON4CN, claude@on4cn.org

Branding Iron - CM KA5VVD, xit@seacove.net

Branding Iron II - CM N5XJD, n5xjd@seacove.net

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

Chesapeake Bay: CM N3TGB, n3tgb2@aol.com

City of Roses & Portland Bridges - CM KD7UZ, kd7uz@arrl.net

Colorado Centennial, Centurion & Golden Aspen - CM N0CKW, chalice@comcast.net

Colorado Frontier Gang - CM WB0CON, wb0con@comcast.net

Colorado Quarter-Master - CM KC0CMZ, kc0cmz@qrzdx.com

Cradle of the Confederacy - CM K4OZN, k4ozn@charter.net

Down Under - CM ZL1KQ, via zl1kq@xtra.co.nz

Electric City - CM WA2OIZ, istillwell@cfl.rr.com

Fort McHenry, Cornerstone & Yodar Kritch - CM K3TUI, k3tuj@juno.com

GB Ten - CM G4KHF, gbten@globalnet.co.uk

Gold City - CM N4WAB, gcn4wab@alltel.net, Use on-line upgrade at website

Houston S.H.O.T. - CM N5AFV, afmattis@hal-pc.org

Kansas Trails - CM KB6UPG, kb6upg@willmar.com

Keystone & Keystone Stars - CM KA6GPC, ka6gpc@aol.com

Laurel Mancunium/Emperors/Roman Invasion - CM G3RRM, g3rrm@aol.com

Major League Baseball - CM NS2M, kc2gcl@aol.com

Millennium VIP: CM G4PDR, g4pdr@fsmail.net

Minuteman & Old Ironsides - CM WA1ENO, wa1eno@hotmail.com

Neanderthal - CM DL2KG, dl2kg@aol.com

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

New Waterkant - CM DK7LA, dk7la@t-online.de

Oceans of the World & Sun Coast Radio - CM K4DRZ, k4drz@netzero.net

Oregon Trailblazer - CM KD7FZY, ckckd7fzy@webtv.net

Peshtigo Fire - CH KE9MA, ke9ma@charter.net - also need number of contacts

Portland 500 - CM K7PRZ, k7prz@isp.com

Republic of Texas - CM WD8JKV, rayjkv@netzero.net

Restoration Project & Feline Friends - CM VE7ACM, catsncar@uniserve.com

Route-66 - CM KA9ADD, ka9add@qsl.net or ka9add1@juno.com

Santa Fe Trail - CM KB0ON, kb0on@kconline.com

Sky Blue Waters & Tin Lizzie - CM WB0RCC, cedwards@isd.net

Also submit total contacts, basic number(s) with current point value, 10-10 number with date of expiration.

South Texas Lighthouse Brigade - CM N5DAS, n5das@juno.com. also total contacts, and date of issue of original certificate. An upgrade form is available via email. Upgrades can be done on-line on the website.

Space Coast - CM K5FBS, CATK5FBS@aol.com

Springbok - CM KC4RHW, kc4rhw@comcast.net

Steamboat Plus - CM KD5DE, kd5de@nwla.com

Steel City - CM KE9WZ, ke9wz1@netzero.net

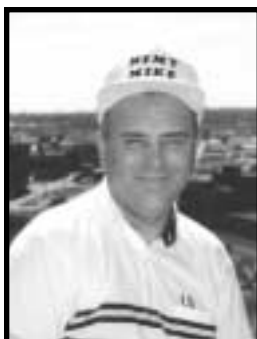
Trail Driver - CM N5SCA, n5sca@sbcglobal.net

Twin Cities - CM K0DBK, k0dbk@comcast.net

These addresses are as current as the information you provide. If there are any additions, corrections or deletions to this list please contact the Chapter Manager, K5FBS, Cliff Taylor via email at catk5fbs@aol.com or via "snail" mail to 22707 Red Mountain Drive, Elmhurst, TX 78112-6034.

Submission of Information:

This column must be in to the editor of the NEWS no later than the first week of the month of March, June, September, and December. So in order to make the deadline and, if you want your chapter information in the current issue, it needs to be in hand by the last day of February, May, August and November. Keep in mind that sometimes the newsletter is delivered a few days into the month rather than being on the 1st. Therefore, if you have a special or worksheet that is going to be done during the months of January, April, July, or October, then the information needs to be in to the Chapter Manager in the prior issue.



Mike Davidson
N5MT #24949

The Summer DX season for the USA has been aided by one or two-hop short skip the past few months. The long multi-hop skip conditions have been the exception since the beginning of the year. During the Arizona 10-10 Convention this past weekend, I talked with the Special Event station K7AZX #70527 and worked five new members that were in the area. I found two mobiles on the east coast and worked five new counties, all on short skip conditions. Since the solar flux is down around 100, we will not get many long path openings so you will have to live with more one or two-hop skip until the fall of 2007.

This article was interrupted with a Broadband over Power Lines BPL project that has started here in Houston. The BPL test site is two miles from my station and it went RF-active two days ago. I made my first RF analysis in my mobile using my FT100 and a twenty meter antenna. The digital noise was S9 when I was two blocks away from the injection point that is labeled BPL4 on the power pole. The test site is mostly residential with a few dozen test participants getting free Internet access over their 110 volt power line until August. My analysis is not complete but it does not look good for the long term as there was a broad frequency range of digital noise. Only one injection point was active and when all twenty boxes are turned on, it will only get worse. The digital noise was not affecting ten meters as I did not hear digital noise above 25 Mhz.

I had one member ask me why I mentioned other bands and non-members in my article. I told them that I looked at this DX article as a DX'er and not as a general 10-10 member. I get several DX bulletins that I review and edit for inclusion in this article. Some may want to know what modes a DXpedition will use and so I include that info. You should not be restricted to SSB, set up the computer with some software to do CW and the digital modes. Your station may have a tri-band antenna, use it when ten is slow to find a new one on another band. Use the internet DX sites on a daily basis if you want to find the DX, like: <http://oh2aq.kolumbus.com/dxs/dx25.html>. There is no rule that says your DX contact is not valid if you worked it on a net, during a contest with a DX packet cluster or from a friend's station using your call.

I recommend that you learn to use the new ARRL LotW system. It will save you money when trying to collect your QSL contacts for DXCC country credit. You must submit your QSO information in the proper format and you must get a certificate to verify your information from the ARRL. See the ARRL website

for details. At the present time, you can not use the LotW system for 10-10 credit. But credit may be possible in the future, since the ARRL had plans for other organizations to use LotW as a repository of QSL information which has grown to 500 Gigabytes. Presently 10-10 allows you to submit for our Countries Award using eQSL cards, original QSL cards or copies of your paper QSL cards.

The count of 10-10 countries worked remains at 313 confirmed and 26 countries with no 10-10 activity.

The Sunday 10-10 DX Net on 28555 at 1400 UTC has ended for now and will resume mid-October 2005 when we hope to have propagation back into Europe.

Note: Information on IRCs/US\$ needed for postage to the USA is at: <http://www.qsl.net/w9ol/ircchart.txt>.

QSL help: <http://files.billnjudy.com/>.

Solar Forecast: <http://www.sel.noaa.gov/forecast.html>.

General 10-10 DX reported in the past quarter:

3B8 Mauritius. Mart DL6UAA #54230, was expected to be using his callsign 3B8MM from April 19th until May 10th. QSL via homecall. Website: <http://www.dl6uaa.com>.

A35 Tonga. Beth VE7YL #50488 and Gwen VK3DYL were on the island until June 7th using the callsign A35YL. These YL's like to make one or two trips each year putting out DX contacts and having a good time along the way. They also operated from Port Vila Vanuatu (YJ) from May 2-19th. QSL to their home callsigns.

DU Philippines. Carl DU2/K7QN #6455, was active throughout the month of April from the Philippines.

CY9 St. Paul Island. The first group of operators are now on St. Paul Island. Their landing was delayed by bad weather and then they lost a generator and three sections of tower in the water when going ashore. More operators will join the group the third week of June. They started on June 8th and plan to be on for one month. Look for Robby VY2RO #54257 and Dale AA5XE #2755, as the only 10-10 members. They will use a 68 element antenna on 144200 kHz trying to win the "Brennan Trophy" for the first non-EME QSO across the Atlantic Ocean. QSL via VY2SS. Website: <http://www.cy9ss.com>.

FT/X Kerguelen Island. The team of John VE3EJ #5757, Lewis W7EW #34378, and ten non-members, used the callsign FT5XO between March 20th and April 1st. QSL via VE3XN. This location was very hard to work since it is half-way around the world for the USA.

HB0 Liechtenstein. Diethelm DJ2YE #68904 and Wolfgang DK3KD #58990, were active as HB0/HB9AON from May 28-29th during the WPX CW Contest.

P4, Aruba. John W2GD #14109, was active as P40W in the WPX CW Contest on May 28-29th. QSL via N2MM.

V3 Belize. Bill W4TXL #53084, was signing V31WC mainly in SSB on 80-10m from April 4-11th, his favorite band seems to be 17m. QSL via homecall.

VP9 Bermuda. Mat WE1H #68056, John KO1H #74170,

William **N1HRA** #56518, and William **W1HPH**, were on the air during the WPX SSB contest in late March with callsign **VP9I**.

TZ Mali. "Just wanted to let you know that Chris, **TZ9A**, #45817 has been active on all bands including regular periods on ten. I was pleased to get him on ten for country number 120 when I get the card! Chris was **6W1QV** if my memory is correct. We are getting short skip in England as well. I recently worked **YL** Latvia and **7X** Algeria for a new 10-10 country on ten. Ten has been open some nights until way after dark." 73, Ken **G3XPO** #70614.

Upcoming DX & New 10-10 Activity:

3DA0 Swaziland. Frosty **K5LBU/3DA0CF** #51322 and a friend, will be operating from July 8-18th with beams and amplifier from 160 to 2m. Look for them to be **3DA0HQ** in the IARU contest. QSL to their home callsigns.

C6 Bahamas. John **WZ6D/C6AIE** #48825, will be active again from June 9th-23rd. QSL to homecall **WZ8D**.

CY0 Sable Island. Joe **W8GEX** #41393, Wayne **K8LEE** and Phil **W9IXX**, plan to be active from Sable Island from July 27th to August 5th using the call **CY0AA**. The dates may change depending on the weather. They expect to operate on all bands CW, SSB, PSK and RTTY. QSL to **K8LEE**. Website: <http://www.wb8xx.com/sable>.

EA Spain. Mel **EA7AHS** #39375, will be active as **CS0RCL/P** from Culatra Island from June 10-12th. He will have a beacon on 50123 kHz. QSL via home call.

FR/G, Glorioso Island. Dany **F5CW** #49137 reports that his team received permission to organize a Glorioso DXpedition. However, the trip has been delayed until November 2005. The 10-10 members in the group: Dany and Chris **TZ6SA** #45817, will activate a new 10-10 Country! Webpage: <http://glorieuses2005.free.fr>.

FS Saint Martin. Look for Henry **KR7X** #70446, to be active as **FS/KR7X** in the CQ SSB Contest in October.

HB0 Liechtenstein. Bon **HB0/DK1EAW** #70807, will also be on from June 22-23rd mostly on CW.

J6 St. Lucia. Scott **N9AG/J68AG** #68969, Kirk **W8QID** and Mark **J6/WB9CIF** will be active on St. Lucia from June 22nd to July 4th. All bands 6m to 160m.

PY0F Fernando de Noronha. Marq **CT1BWW** #64689, and Juan Carlos **EA2RC**, will be active as **PY0F/CT1BWW** from Fernando de Noronha on August 1-14th. Website: www.geocities.com/EA2RC/index.htm.

VE Canada. Doug **VA7DP** #71008, has special permission for a two-by-four callsign, **VA7YVET** to mark "the Year of the Veteran." Authorization began June 4th through July 4th. QSL direct only, with SASE to **VA7DP**.

VP5 Turks & Caicos Islands. Operators Bob **K7LAY** #10348 (father) and Harry **K7LAZ** (son) will be on ham vacation to VP5 between June 12-24th. Activity will be on all bands with an emphasis on CW using VP5/home calls.

YB Indonesia. Kangean Island is the destination for a five-day DXpedition during the CQ WPX consisting of Joni **YC9WZJ** #73619 and twelve non-members using callsign **YE3K**. Website: <http://www.mdxc.org/ye3k>.

Misc items:

OE50 Austria. Austrian amateurs may use the special prefix **OE50** to celebrate the 50th anniversary of Austria's independence between January 1 and December 31, 2005.

Mark **KM6HB** #60321, informed me that his logs for the following can be viewed at: <http://dx.qsl.net/logs/>. (Note: many other DX stations have their logs here so good luck.) His operations include: **KM6HB** (1991-present), **ZK1AHB** (2000 & 2001), **3D2HB** (2004), **K6B** (12/2004 only), **K6I** (February/March 2005 only) and **K6O** (4/2005 only). QSL photos: <http://home.pacbell.net/km6hb/.NET.doc>.

Propagation: Poor propagation this summer in the US has affected the DX signals we have heard from around the world. I was looking at the NOAA website at the graph of solar flux for this cycle. It appears that as the graph begins to bottom out, that the flux may average a bit higher this cycle than the last. There were many times during the bottom of the last cycle that the flux would average 70-80 for almost two years. Many think that just because we are approaching the end of Solar Cycle 23 in late 2006, that the band must be dead. But there are still openings, they are just harder to find. The monthly averages of solar flux for the past few months were: February 97, 90, 86, and 100 for May 2005. I predict the daily solar flux will range from **70-98** and the average solar flux will stay below 95 until Solar Cycle 24 begins in January 2007.

Cycle 23 is about 9 years old. The flux remains in its lowest range resulting in fewer DX openings. **On June 14th, the solar flux was 92 the A index 30 and K index 2** which is 5 points higher than three months ago. High A & K indices are causing poor skip conditions and dead-band conditions.

Expect the best conditions on June 8-10, July 6-9, August 3-6 and September 1-3. USA stations, expect a 5% chance of DX to Asia, Europe or Africa and a 20% chance of working into South America or Pacific in the afternoon. The beacons from **28.175-28.300 (especially 28.200)** will tell you what parts of the world you can hear.

New DX member March to May 2005: March: 74343 **WP4FS**; April No; May: 74305 **9A6ZT**, 74306 **VK4NWX**.

Countries Award: There are now a total of 610 basic certificates. I issued 3 basic awards and 8 upgrades this past quarter. I can email a list of your country credits for the asking to my email address below.

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

DX IS!

73 Mike Davidson **N5MT** #24949

HILL COUNTRY PICNIC ANOTHER GREAT SUCCESS

The 17th Texas Hill Country Picnic was attended by 20 people on 22 May 2005. As usual there was plenty of good food and much discussion of 10-10 and ham radio. We had the good fortune of having 10 meters open up during the parking lot net and 33 stations checked in from out of the area. Ten-Ten members attending and club stations represented are: Bill WD5EDR #23693, Ray N5DAS #35877, Daryl N5SCA #57160, Robert KA5VVD #42188, Randy AJ5ZX #71083, Janet KC5QCB #67897, Robert W6FAH #34724, Cliff K5FBS #48461, Faye KB5DPM #48628, Robert K5AUW #60095, Don KA5EYH #70252, Jack K5CC #50708, Darryl WA5AAO #74184, Ten-Ten International Club Station W6OI #109, San Antonio Radio Club W5SC #20365, Cove Repeater Assn WR5CRA #68189, South Texas DX and Contest Club W5RTA #74356 and Alamo DX Amigos W5BE #73873.

Pictured below are (l to r) Robert KA5VVD #42188, Jack K5CC #50708, Robert W6FAH #34724, Bob K5AUW #60095, Janet KC5QCB #67897, Don KA5EYH #70252, Bill WD5EDR #23693, Randy AJ5ZX #71083, Ray N5DAS #35877, Cliff K5FBS #48461, and Daryl N5SCA #57160.



Mel AB6QM #63114 and xyl Mary AC6OV #63177 from Ignacio, California were passing through Lethbridge, Alberta Canada in September 2004 and saw a very interesting sight that they just HAD to take a picture of. No report was made regarding any contacts made on the inside of the establishment.



10-10 INTERNATIONAL NEWS

Marcus KM5EH #71103 and his wife were on a business trip to a school just north of Pearl Harbor and the visit straddled a weekend, so they took a quick hop over to Kauai on May 21, 2005 and found some characters (his words).

Gemi KH6F #37649

Sam NH6SJ #51801

Marcus KM5EH #71103

Evillo KH6DRT #33751

Below is a picture taken at the Dayton Hamvention of a group of 10-10 members - in 1983 !!!

Were you there?

A big thanks to Bill KB9MJ #22313 for the picture.



TEN METER PROPAGATION BEACONS

Here is an abbreviated list of 10 meter beacons as compiled by beacon master Bill WJ5O #37215. The extended form of this list showing operation characteristics and station notes is available at <http://www.qsl.net/wj5o/bcn.htm> (also at the 10-10 website) or via US Mail to Bill Hays WJ5O, PO Box 18069, Corpus Christi, TX 78480, USA. Please enclose SASE for the current updated list.

FREQ	CALL	LOCATION
28.1154	PY4YYF	BELO HORIZONTE, MG BR
28165	FY1FV	CACAO, FRENCH GUIANA
28.170	VA3XCD	OSHAWA, ONTARIO CA
28.173	DF4PV	INGELHEIM
28.175	VE3TEN	OTTAWA, CANADA
28.177	HP1RCP	CERRO JEFE, PANAMA
28.178	NP4AE	LAS MARIAS PR
28.180	OD5TEN	TRIPOLI, LEBANON
28.180	IIM	BORDIGHERA, ITALY
28.183	SV3AQR	AMALIADA, GREECE
28.185	I8EMG	COSENZA, ITALY
28.185	VA3SRC	BURLINGTON, ONTARIO
28.186	ZS6PW	PRETORIA *0800-1800
28.188	JE7YNQ	FUKUSHIMA, JAPAN
28.189	XE1SRF	SOUTH OF MEXICO CITY
28.190	LU1DZ	BUENOS AIRES, ARG
28.1902	PY2SBA	SAO PAULO, BRAZIL
28.1904	VA3ROR	ORILLIA, ON
28.191	VA6RE	BASSANO, AB
28.1915	LU1JMC	GUALEGUAYCHU E.R. ARG
28.192	LU3DBJ	BUENOS AIRES, ARG
28.1921	LU2EOR	BUENOS AIRES, ARG
28.1925	LU2FFV	SAN JORGE, ARG
28.193	VE4ARM	AUSTIN, MB
28.194	A47RB	OMAN
28.1947	PY2JA	S O PAULO, BRAZIL
28.195	LU4EG	BERNAL, ARGENTINA
28.195	IY4M	BOLOGNA, ITALY
28.195	LU6DTS	LA PLATA CITY, ARG
28.195	VE6YF	EDMONTON, ALBERTA
28.1958	WA2NTK	HORSEHEADS NY
28.196	EA5AHN	VALENCIA, SPAIN
28.196	LU4JJ	CONCORDIA ER, ARG
28.196	LU7WW	CHUBUT, ARG
28.196	VA2MGL	SAINTE-AGNES, QUEBEC
28.197	EP4HR	SHIRAZ, IRAN
28.197	VE7MTY	PITT MEADOWS, BC
28.197	LU9AU	BUENOS AIRES, ARG
28.198	IZ0AIS	ROME, ITALY
28.198	HB9TC	CANTON TICINO, SWISS ALPS
28.1985	LU5FSY	RAFAEL, ARG
28.199	LU1FHH	SANTA FE, ARG
28.200	4U1UN	UNITED NATIONS NYC - IARU
28.200	VE8AT	NUNAVUT, CANADA - IARU
28.200	W6WX	SAN JOSE, CA - IARU
28.200	KH6WO	LAIE, OAHU HI - IARU
28.200	ZL6B	MASTERTON, NEW ZEALAND - IARU
28.200	VK6RBP	ROLYSTONE, AUSTRALIA - IARU
28.200	JA2IGY	MT ASAMA, JAPAN - IARU
28.200	RR9O	NOVOSIBIRSK, RUSSIA - IARU
28.200	VR2B	HONG KONG, CHINA - IARU
28.200	4S7B	COLOMBO, SRI LANKA - IARU
28.200	ZS6DN	PRETORIA, S.AFRICA - IARU
28.200	5Z4B	KIAMBU KENYA, AFRICA - IARU
28.200	4X6TU	TEL AVIV, ISRAEL - IARU
28.200	OH2B	KARKKILA, FINLAND - IARU

28.200	CS3B	MADEIRA ISLAND - IARU
28.200	LU4AA	BUENOS AIRES, ARGENTINA - IARU
28.200	OA4B	LIMA, PERU - IARU
28.200	YV5B	CARACAS, VENEZUELA - IARU
28.201	N3PFF	MUNCY PA
28.201	WA4SZE	MANCHESTER, TN
28.2016	N9JL	SHOREWOOD, IL
28.202	ZS1J	PLETTENBERG BAY
28.2025	ZS5VHF	NATAL, S. AFRICA
28.2035	K6LLL	LAGUNA BEACH, CA
28.2036	WA3SNS	WATTSBURG, PA
28.204	NØWY	PLATTSMOUTH, NE
28.204	AFØH	PARK HILLS, MO
28.204	LU9LC	CORRIENTES, ARG
28.204	S55ZRS	MT KUM, SLOVENIA
28.205	KA9QMD	MILWAUKEE, WI
28.205	DLØIGI	HOHENPEISSENBERG
28.2052	N3NIA	RIDGEWAY, PA
28.206	VA3GRR	BRAMPTON, ONTARIO
28.206	KBØLHB	PRINCETON, MN
28.207	W8NGA	GROVE CITY, OHIO
28.207	KE4NL	NINETY SIX, SC
28.208	W8FKL	VENICE, FL
28.2082	WN2A	BUD LAKE, NJ
28.208	JRØYAN	NAGANO, JAPAN
28.209	KH6AP	MAUI, HI
28.209	EIØTEN	CORK HARBOR, IRELAND
28.209	W5SXD	MINERAL WELLS, TX
28.209	NX2O	STATEN IS, NY
28.2095	N9YDZ	BRIGHTON, IL
28.210	VE4TEN	WINNIPEG, MB
28.211	LA4TEN	SOTRA I., NORWAY
28.212	KØKP	FREDENBERG, MN
28.212	KK7PG	BUCKEYE, AZ
28.2124	LU7DQP	LANUS BUENOS, ARG
28.213	PT7BCN	FORTALEZA BRAZIL
28.2138	VK3RSX	DUNNOLLY, VICTORIA
28.214	KB4SB	SUGAR LOAF SHORES FL
28.214	LU1DQP	BAHIA BLANCA BA ARG
28.215	N3MVF	PITTSBURG, PA
28.215	GB3RAL	SLOUGH, BERKSHIRE UK
28.215	KA9SZX	CHAMPAIGN, IL
28.216	WBØFTL	ALDEN, MN
28.2162	WB4JHS	ORLANDO, FL
28.2163	W6GY	RESEDA, CA
28.2167	AB7RG	COTTONWOOD, AZ
28.2179	K2KL	MONSEY, NY
28.218	W8MI	MACKINAW CITY, MI
28.2185	KAØPSE	DULUTH MN
28.219	PT8AA	RIO BRANCO, BRAZIL
28.220	KB9DJA	MOORESVILLE, IN
28.220	PY2XW	CANPINAS SAO PAULO, BR
28.220	5B4CY	LIMASSOL CYPRUS
28.2203	ER1AAZ	CHISINAU, MOLDOVA
28.221	WE4S	MCDONOUGH, GA
28.221	KG4WBH	TRENTON, GA
28.2225	CX5BW	LAGOMAR, URUGUAY
28.2227	VE3EEL	OTTAWA, ON
28.223	HG5GEW	TAPOLCA HUNGARY
28.224	K2EM	BELLPORT, NY
28.225	HA5BHA	HUNGARY
28.225	KW7Y	MARYSVILLE, WA
28.225	KGØRP	LOUISVILLE, CO
28.2254	LW5EJU	PILAR, ARG
28.226	PY2AMI	SAO PAULO, BRAZIL
28.226	PY3IBZ	PORTO ALEGRE, BRAZIL
28.227	VE9AT	WHITE HEAD ISLAND, CAN

10-10 INTERNATIONAL NEWS

28.227.....	KC6WGN.....	LAS VEGAS, NV	28.265.....	WC9C.....	PIMENTO, IN
28.228.....	ZL3TEN.....	CHRIST CHURCH, NZ	28.266.....	KA1EKS.....	MILLINOCKET, ME
28.229.....	ZL2MHF.....	WELLINGTON CITY, NZ	28.265.....	K7NWS.....	KENT, WA
28.230.....	IQ8CZ.....	CATANZARO, ITALY	28.2667.....	LZ1TEN.....	BULGARIA
28.230.....	W19X.....	BELLEVILLE, IL	28.267.....	AE5X.....	WEST HARRISON, NY
28.230.....	PY3UEB.....	PORTO ALEGRE, BRAZIL	28.2679.....	OH9TEN.....	PIRTTIKOSKI
28.230.....	PY3ARL.....	SANTO ANGELO, BRAZIL	28.268.....	VK8VF.....	DARWIN
28.231.....	HP1AC.....	CERRO AZUL, PANAMA	28.269.....	AA1TT.....	CLAREMONT, NH
28.232.....	N2UHC.....	FRONTENAC KS	28.270.....	VK4RTL.....	TOWNSVILLE, QLD
28.232.....	D2BB.....	HUAMBO, ANGOLA	28.270.....	W8BEP.....	SAULT SAINTE MARIE, MI
28.2325.....	N9BPE.....	TUSCOLA, IL	28.2705.....	K4AIS.....	WALESKA, GEORGIA
28.233.....	KD4EC.....	JUPITER, FL	28.271.....	VE1/W1BKR.....	HENRY ISLAND, NS
28.2335.....	N9RET.....	BROADVIEW, IL	28.2718.....	W4TIY.....	DALLAS, GEORGIA
28.2345.....	W1FVB.....	LANCASTER, NH	28.2728.....	K5BTV.....	EMORY, TX
28.235.....	VE3GOP.....	MISSISSAUGA ONT	28.273.....	LW9EOC.....	BUENOS AIRES, ARG
28.235.....	VE1CBZ.....	FREDERICTON, NB	28.2732.....	N4HLF.....	APOPKA, FLORIDA
28.2365.....	W0KIZ.....	DENVER, CO	28.274.....	9K2RA.....	SAFAT, KUWAIT
28.237.....	W3AW.....	BARCLAY, IL	28.2744.....	W4NTI.....	ANNISTON, AL
28.2375.....	LA5TEN.....	NR OSLO NORWAY	28.2747.....	N0UD.....	HALLIDAY, ND
28.238.....	KB2SEO.....	ETON, GA	28.275.....	ZS1LA.....	STILL BAY, SOUTH AFRICA
28.2385.....	K5UNY.....	FARMERS BRANCH, TX	28.2751.....	KN5H.....	SCOTTSDALE, AZ
28.240.....	XE3OAX.....	OCOTLAN, OAX., MEXICO	28.275.....	NP2SH.....	ST JOHNS, VI
28.240.....	W1NRA.....	PHENIX CITY, AL	28.2757.....	XE1AKM.....	COLIMA, MEXICO
28.241.....	VA3SBB.....	THUNDER BAY, ONT	28.276.....	K4UKB.....	DANVILLE, KY
28.242.....	W2IK.....	SAN ANTONIO, TEXAS	28.277.....	WB7RBN.....	BENTON CITY, WA
28.243.....	KH2RU.....	FAJARDO PR	28.277.....	DF0AAB.....	KIEL, GERMANY
28.244.....	WA6APQ.....	LONG BEACH, CA	28.2771.....	KD4MZM.....	SARASOTA, FLORIDA
28.2455.....	VE9BEA.....	ISLAND VIEW, NB	28.278.....	AC3A.....	LEAWOOD, KS
28.245.....	F5TMJ.....	TOULOUSE, FRANCE	28.279.....	W2RTB.....	VICTOR, NY
28.246.....	KG2GL.....	NUTLEY, NJ	28.279.....	KK0CQ.....	DEVILS LAKE, ND
28.2465.....	N7HFK.....	OGDEN, UT	28.280.....	K5AB.....	GEORGETOWN, TX
28.2475.....	KG7RS.....	MESA, AZ	28.280.....	F5KMD.....	VALENCIENNES FRANCE
28.2475.....	N1ME.....	BANGOR, ME	28.281.....	W8EH.....	MIDDLETOWN OH
28.2485.....	N7LT.....	BOZEMAN, MT	28.282.....	LA6TEN.....	KIRKENES, NORWAY
28.249.....	PY3PSI.....	PORT ALEGRE, BRAZIL	28.282.....	W0ERE.....	HIGHLANDVILLE, MO
28.2499.....	W3ATV.....	TREVOSE PA	28.2825.....	OK0EG.....	HRADEC KRALOVE, CZECH
28.250.....	N4ES.....	CLEARWATER, FL	28.2828.....	KA2KGP.....	FORESTVILLE NY
28.250.....	WB4WOR.....	GREENSBORO, NC	28.2844.....	WD8AQS.....	FREMONT, MN
28.250.....	K8NDB.....	YUMA, ARIZONA	28.285.....	N2JNT.....	TROY, NY
28.250.....	K0HTF.....	DES MOINES, IOWA	28.285.....	NU4G.....	MANCHESTER, TN
28.250.....	Z21ANB.....	BULAWAYO, ZIMBABWE	28.285.....	VP8ADE.....	ADELAIDE IS, ANTARCTICA
28.251.....	WN4OAA.....	GRAY, TN	28.2854.....	KC9GNK.....	MADISON, WISCONSIN
28.252.....	W6PC.....	ESCONDIDO, CA	28.2857.....	WA4ROX.....	LARGO, FLORIDA
28.2525.....	N9AVY.....	MILTON, WI	28.286.....	WA8YWO.....	RICHWOOD, WV
28.253.....	KG4YUV.....	CRANDALL, GEORGIA	28.286.....	N5AQM.....	CHANDLER, AZ
28.254.....	W4STT.....	HASTINGS, FL	28.287.....	NQ2RP.....	BERGEN, NY
28.255.....	N0AR.....	ST PAUL, MN	28.288.....	WA7LNW.....	EDGEWOOD, NM
28.255.....	K14PJ.....	PALM BAY FL	28.289.....	WJ5O.....	CORPUS CHRISTI, TX
28.256.....	C30P.....	ANDORRA	28.290.....	KA9MGS.....	OAKWOOD HILL, IL
28.2565.....	VK3RMH.....	MELBOURNE, AUSTRALIA	28.290.....	SK5AE.....	STRENGNES, SWEDEN
28.257.....	WY5I.....	JUPITER, FL	28.290.....	VR2TEN.....	HONG KONG, CHINA
28.257.....	DK0TEN.....	KONSTANZ, GERMANY	28.2905.....	WB4WOR.....	GREENSBORO, NC
28.2572.....	KC8COM.....	BECKLEY, WV	28.291.....	NE2E.....	NYC, NY
28.2588.....	WA8RC.....	BATTLE CREEK, MI	28.2912.....	VA3VA.....	WINDSOR, ON
28.259.....	W5RTX.....	ROCKWELL, TX	28.2915.....	K3NG.....	LEHIGHTON, PA
28.2598.....	KA1NSV.....	GREEN BAY, VA	28.292.....	KM4GS.....	MARSHALL COUNTY, KY
28.260.....	PY3PAG.....	PORTO ALEGRE, BRAZIL	28.2922.....	SK0CT.....	SOLLENTUNA, SWEDEN
28.260.....	VK5WI.....	NR ADELAIDE	28.2934.....	ND4Z.....	GILBERT, SC
28.2607.....	AA9L.....	SOUTH MILWAUKEE WI	28.294.....	W7HDD.....	WENATCHEE WA
28.261.....	KP3FT.....	PUNCE, PUERTO RICO	28.295.....	KD1ZX.....	CENTRAL FALLS, RI
28.261.....	N7LF.....	CORBETT OR	28.295.....	SK2TEN.....	KRISTINEBURG, SWEDEN
28.262.....	VK2RSY.....	SYDNEY, NSW	28.296.....	W3VD.....	LAUREL, MD
28.2633.....	EA4DAT.....	CUENCA, SPAIN	28.296.....	KA7BGR.....	CENTRAL POINT, OREGON
28.2635.....	W4JPL.....	LIBERTY NC	28.297.....	NS9RC.....	WINNETKA, IL
28.264.....	JA5ZQM.....	TOKUSHIMA, JAPAN	28.298.....	SK7TEN.....	LONNEBORG, SWEDEN
28.264.....	AB8Z.....	PARMA, OH	28.2988.....	K4JDR.....	RALEIGH, NC
28.264.....	VK6RWA.....	WEST PERTH, WA	28.300.....	KF4MS.....	WAKULLA SPRINGS, FL
28.265.....	N7SCQ.....	SACRAMENTO, CA	28.321.....	DL5KZ.....	NUMBRECHT, GR
28.265.....	DF0ANN.....	GERMANY			

T E N T E N C O N T E S T R U L E S

(6.2.4 and 6.2.8 UPDATED ON 6/10/2005)**6.2 10-10 QSO PARTIES**

10-10 QSO Parties are contests 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 Anniversary and Mobile QSO Parties are specialty contests and do have additional rules.

6.2.1 WHO IS ELIGIBLE?

Contests 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 contest. Other logs received will be handled as checklogs. Checklogs are used to validate (check) other logs but do not receive awards.

6.2.2 WHEN ARE THE QSO PARTIES?

There are currently five QSO Parties held through the calendar year:

Winter Phone Contest - held on the first full weekend in February

0001 UTC Saturday through 2359 UTC Sunday.

Spring CW Contest - held on the first full weekend in May

0001 UTC Saturday through 2359 UTC Sunday.

Summer Phone Contest - held on the first full weekend in August

0001 UTC Saturday through 2359 UTC Sunday.

Sprint - a 24 hour contest held on October 10th (10/10)

0001 UTC through 2359 UTC.

Fall CW Contest - held on the last full weekend in October

0001 UTC Saturday through 2359 UTC Sunday.

6.2.3 FREQUENCY AND MODES

Direct unassisted contacts only are permitted. Repeater, Satellite, IRLP or any other similar types of assisted contacts are NOT allowed.

CW Contests should be operated in the CW portion of the 10 meter band and operated using CW and/or any Digital mode (RTTY, PSK, etc.).

Phone contests must be operated in the PHONE portion of the 10 meter band and may be operated using any approved Phone method (SSB, FM, AM).

The SPRINT utilizes both CW and Phone portions of the 10 meter band.

NOTE: A QUIET ZONE between 28.490 and 28.510 shall be in effect during contests using the Phone portion of the 10 meter band to allow for non-contest use of the band.

6.2.4 ENTRY CLASSIFICATION

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

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

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

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

(Entry Classification - Club updated effective 6/10/2005)

6.2.5 TRANSMITTER INFORMATION

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

6.2.6 EXCHANGE

10-10 numbers 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.

6.2.7 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 checklog.

A station may be counted only once regardless of mode.

6.2.8 CHAPTER SCORE ASSIGNMENT

Any entrant who is a chapter member and whose contest operating location is within 150 miles of the primary net location of that chapter, may assign the entrant's score to that chapter. Contest scores for a sprint may not be assigned.

(Chapter Score Assignment updated effective 6/10/2005)

6.2.9 CONTEST ENTRIES

Logs shall be forwarded to the Contest Scorer 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 contest. 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 checklog. Any logs received more than 15 days after the contest entry deadline, regardless of postmark, will be discarded.

6.2.9.1 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.

LOG 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.

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.

6.2.9.3 ENTRY DEADLINE

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

6.2.10 CONTEST RESULTS AND AWARDS

Contest results will be posted on the 10-10 web site about 15 days after the closing deadline for the contest, 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) and each DX Country, and for top QRP, CLUB and CHAPTER.

6.2.11 ANNIVERSARY QSO PARTY

This event runs from January 1 0001 UTC to December 31 2359 UTC. Entrants may submit a log of contacts with members that have 10-10's anniversary year contained in their membership number.

Example: 2002 is the 40th anniversary year of 10-10 International Net, Inc. Contact with members containing a "40" in their membership number (i.e., 72040, 69405, 64054, 40126, 00407) would count toward the contest. Each year the anniversary number changes, making a new group of members the focus of the contest 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, Name, QTH, with members containing the anniversary year in their membership number as described above.

Contacts must be made on the 10-meter band with any legal mode (AM, SSB, FM, PSK, CW, etc.) but all contacts must be made direct and unassisted. NO repeater, satellite, or Internet assisted contacts are permitted. The contact mode must be recorded in the log entry.

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 Sign, Name, QTH and Mode, in that order.

This contest is for Individual entries as described in section 6.2.4 and certificates will be awarded for the Top Ten, however all entrants will be listed in the 10-10 NEWS.

Logs shall be forwarded to the Contest Scorer as identified in the 10-10 NEWS or on the 10-10 web site. Logs MUST be postmarked no later than January 15th of the year following the anniversary contest year entered. Only members in good standing (with dues paid) are allowed to submit logs.

6.2.12 MOBILE QSO PARTY

This event is held on the third Saturday in March from 0001 to 2359 UTC. All general rules are applicable with the following exceptions:

Fixed stations contact mobiles, mobiles contact everyone. Mobile applies to vehicular, marine, aeronautical or other mode of transportation. If in doubt, contact the Contest Manager. A station operating a mobile entry must be a true mobile. Sitting in the driveway and using the base station antenna or amplifier, or using commercial power is not permitted. RV generators are permitted only if the generator is used while in transit (moving).

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.

The contest exchange shall be Call, Name, State, 10-10 Number (if a member, zero(0) if not), and county (if applicable). Only counties in the USA, Canada and England may be used as a multiplier.

Count one point for each contact whether a member or not. Fixed stations multiply the number of contacts by the number of different counties worked. Mobile stations multiply the number of contacts by the number of different counties worked PLUS a bonus of the number of counties worked from.

All stations must submit separate logs for the counties worked from. Log scores will be combined by the contest manager.

Logs shall be forwarded to the Contest Scorer as identified in the 10-10 NEWS or on the 10-10 web site. Logs MUST be postmarked no later than 14 days after the end of the contest. Only members in good standing (with dues paid) are allowed to submit logs.

6.2.13 FOR MORE INFORMATION

Current information about 10-10 and upcoming 10-10 QSO Parties is always available on the 10-10 web site. Contest cover sheets, logging forms and dupe sheets are also available for downloading or printing. The address is <http://www.ten-ten.org>

Any unanswered questions regarding the QSO Party rules may be forwarded to the Contest Manager.

T E N T E N C O N T E S T R E S U L T S

10-10 SPRING
CW/DIGITAL
CONTEST

TOP TEN

CALL	1010#	CNTCS	PTS
ZL3TE	53431	030/015	0075
N4ZCG	56067	027/008	0062
KS5V	29418	019/007	0045
N2EOC	37549	020/005	0045
KQ4PK	63201	019/002	0040
WB7X	73847	017/004	0038
LU1BJW	39329	013/011	0037
W8JSM	00934	015/006	0036
ZL3KR	06251	014/002	0030
KJ4RV	37776	013/003	0029

CALL AREA 0

CALL	1010#	CNTCS	PTS
W0RTV	13962	005/001	0011
N0WY	68684	003/000	0006
N0WM	02724	002/000	0004

CALL AREA 2

CALL	1010#	CNTCS	PTS
N2EOC	37549	020/005	0045

CALL AREA 4

CALL	1010#	CNTCS	PTS
N4ZCG	56067	027/008	0062
KQ4PK	63201	019/002	0040
KJ4RV	37776	013/003	0029
KU4W	20986	013/002	0028
K4SHF	73837	010/007	0027
KR4OE	62657	009/002	0020
N4EWG	29730	008/000	0016
KC4JAN	56060	007/000	0014
KE4HW	32054	007/000	0014
KL7NL	62595	006/000	0012
AA4PR	39481	005/000	0010
WA4EEZ	15675	003/002	0008
N4ERM	34524	003/001	0007

CALL AREA 5

CALL	1010#	CNTCS	PTS
KS5V	29418	019/007	0045
K5CC	50708	013/000	0026
W5GVP	11572	009/002	0020
K5SP	72243	002/003	0007
KF5LO	72289	003/000	0006
N5MT	24949	002/001	0005
WX5I	67839	002/001	0005

CALL AREA 6

CALL	1010#	CNTCS	PTS
N6QQ	28884	011/004	0026
W6JNU	40127	007/000	0014

CALL AREA 7

CALL	1010#	CNTCS	PTS
WB7X	73847	017/004	0038
KK7UU	10934	006/001	0013
WD7DX	73848	006/000	0012
N7VS	60964	002/001	0005
W7MC	69078	002/001	0005

CALL AREA 8

CALL	1010#	CNTCS	PTS
W8JSM	00934	015/006	0036

CALL AREA 9

CALL	1010#	CNTCS	PTS
NA9A	31121	008/000	0016
KD9XP	32557	002/000	0004

ARGENTINA

CALL	1010#	CNTCS	PTS
LU1BJW	39329	013/011	0037

AUSTRALIA

CALL	1010#	CNTCS	PTS
VK6PP	38922	002/003	0007

GERMANY

CALL	1010#	CNTCS	PTS
DJ2YE	68904	004/000	0008

HAWAII

CALL	1010#	CNTCS	PTS
KH6F	37649	002/000	0004

NEW ZEALAND

CALL	1010#	CNTCS	PTS
ZL3TE	53431	030/015	0075
ZL3KR	06251	014/002	0030

CLUB

CALL	1010#	CNTCS	PTS
LU4AAO	73816	013/004	0030

CHAPTER SCORES

CALL	LOGs	PTS
PossumTrot	12	0279
Tango	2	0067
ArizonaDesert	3	0055
Trotters&Pacers	1	0045
C.A.T.T.	1	0036
DownUnder	1	0030
Lonestar	2	0026
CityOfLights	2	0020
Gateway	2	0015
Portland500	1	0013
S.H.O.T.	2	0010
Neanderthal	1	0008
CityOfRoses	1	0005
ALII	1	0004

CHECKLOGS - THANK YOU!

CALL	1010#	CNTCS	PTS
N4BAA	00000	019/013	0051
N6OPR	45715	003/000	0006
KI4EZL	00000	003/000	0006
NM5H	68588	002/000	0004



YOU HAVE TO MAKE CONTACTS TO GET RESULTS

Net Manager NET NEWS

DORIS SLYE
N3TGB #68129



Are you saying that the band is dead, that you can't make any contacts so you can't apply for any Bar Awards? Well my friends, I have the solution and it's right there in your shack....Get in there at 1755 Zulu; check the net list for the direction to point your antenna and put out your call sign. Even in the April and May reports that I have been getting there are days with 15 to 20 contacts. Mainly, the nets provide a time and place where you know someone will be calling. It is also the place where many new Ten-Tenners come to make their first contacts.

I would like to thank Brian, KC7OC, Robert, KQ4PK, Bob, N6OPR and Tom, KA9EKG for calling Saturday .380 nets for Ed, K4EEF who has been missing due to a broken leg and a small stroke. A new Net Controller: Bob, W2BOC will be carrying that net each Saturday. Please

welcome him. The good news is that Ed is feeling better and hopes to back to the radio by late Summer.

I know you will share our feelings of sadness upon hearing of the death of K6PZE's wife. Another piece of news that has the Net Controls reeling, is the retirement of long time Net Controller Scotty, WA6TQC. Scotty, with his ten-ten number of 00071 has been running Ten-Ten Nets for over 35 years, and was currently calling the Monday .800 net. He will be sorely missed, but I hope you will welcome Doc, WB6OJB who will be calling his net. In addition, Bob, K4QHH has agreed to come on board as an Alternate Net Control. As you read this news, he will probably be able to go to the basement to his "real" station having recovered from knee replacement surgery.

I have just come back from a wonderful convention in Mesa, Arizona where I met Net Controllers Louise N6ELK, Chris N7PVL, Dick K6PZE, Bob N6OPR and Bill KB9MJ. I made my first report to the Board of Directors and collected the newest 10-10 number 74360. It was issued at the convention to K8CY, a club station out of Ohio. I learned that 10-10 Scholarship donations in Bill Marple's name have reached over \$800. It would be great if we could fund a whole \$1000 scholarship in Bill's memory.

'73 de N3TGB Doris in Maryland

QUARTERLY NET REPORT

January, February and March 2005

28.380			28.800			28.380			28.800			28.380			28.800		
MONDAY NETS						WEDNESDAY NETS						FRIDAY NETS					
DATE	TOTAL	w/o 10x#	DATE	TOTAL	w/o 10x#	DATE	TOTAL	w/o 10x#	DATE	TOTAL	w/o 10x#	DATE	TOTAL	w/o 10x#	DATE	TOTAL	w/o 10x#
01-03	1	0	01-03	38	0	01-05	5	0	01-05	18	0	01-07	47	2	01-07	48	3
01-10	1	0	01-10	26	1	01-12	11	3	01-12	20	0	01-14	27	3	01-14	25	1
01-17	1	0	01-17	4	0	01-19	2	0	01-19	16	0	01-21	6	1	01-21	17	0
01-24	41	0	01-24	15	0	01-26	4	0	01-26	13	0	01-28	2	0	01-28	40	1
01-31	45	0	01-31	21	0	02-02	5	0	02-02	12	0	02-04	2	0	02-04	19	1
02-07	1	0	02-07	26	0	02-09	26	4	02-09	31	0	02-11	55	4	02-11	24	1
02-14	1	0	02-14	45	0	02-16	20	4	02-16	44	0	02-18	23	1	02-18	16	1
02-21	1	0	02-21	28	0	02-23	4	0	02-23	21	0	02-25	2	0	02-25	18	0
02-28	15	0	02-28	43	0	03-02	5	2	03-02	21	0	03-04	1	0	03-04	18	1
03-07	1	0	03-07	30	0	03-09	16	2	03-09	26	0	03-11	10	0	03-11	16	2
03-14	2	0	03-14	13	0	03-16	1	0	03-16	27	0	03-18	7	0	03-18	28	1
03-21	14	0	03-21	28	0	03-23	6	1	03-23	38	0	03-25	44	1	03-25	14	0
03-28	1	0	03-28	20	0	03-30	2	0	03-30	18	0						
												SATURDAY NETS					
TUESDAY NETS						THURSDAY NETS											
01-04	27	2	01-04	31	2	01-06	42	7	01-06	20	2	01-01	n/a	0	01-01	n/a	0
01-11	26	2	01-11	8	0	01-13	31	4	01-13	8	0	01-15	n/a	0	01-15	n/a	0
01-18	5	1	01-18	34	0	01-20	48	4	01-20	3	0	01-22	n/a	0	01-22	n/a	0
01-25	14	1	01-25	19	1	01-27	15	0	01-27	2	0	01-29	n/a	0	01-29	n/a	4
02-01	2	0	02-01	5	0	02-03	*	0	02-03	4	1	02-05	n/a	0	02-05	n/a	0
02-08	4	0	02-08	21	1	02-10	21	1	02-10	26	1	02-12	n/a	0	02-12	n/a	0
02-15	37	5	02-15	24	0	02-17	54	9	02-17	34	1	02-19	40	2	02-19	n/a	0
02-22	2	0	02-22	2	0	02-25	15	0	02-25	5	1	02-26	2	0	02-26	n/a	0
03-01	2	0	03-01	1	0	03-03	23	2	03-03	2	0	03-05	2	0	03-05	n/a	0
03-08	32	2	03-08	23	0	03-10	49	5	03-10	16	1	03-12	2	0	03-12	n/a	0
03-15	2	0	03-15	7	1	03-17	23	1	03-17	6	1	03-19	5	1	03-19	n/a	0
03-22	2	0	03-22	7	0	03-24	43	6	03-24	20	2	03-26	1	0	03-26	n/a	0
03-29	2	0	03-29	3	0	03-31	13	0	03-31	2	0	*net not called due to illness					

*net not called due to illness

RESULTS OF THE 2004 ANNIVERSARY QSO PARTY

Due to an oversight, the list of stations entering the Anniversary QSO Party were omitted from the last edition of the NEWS.
Here is a list of all who entered AND who they made contact with. *Now looking for 43's.....*

STATIONS REPORTING CONTACTS IN 2004 WITH THE NUMBER 42 IN CONTACT'S MEMBERSHIP NUMBER			STATIONS CONTACTED					
CTX	CALL	10-10#	CTX	CALL	10-10#			
53	N6OPR	45715	26	W4JAG	42577	4	W7VJ	04422
32	N5DAS	35877	24	KD5BZC	42114	4	W9ATU	24226
31	KB0ON	29849	21	KA9ADD	42381	4	WA4QHQ	39420
30	N5MT	24949	20	KH6OE	28842	3	AD4AX	74209
30	NJ7I	43483	15	KA5VVD	42188	3	KA4LBD	24212
25	K5FBS	48461	14	KD7FZY	71942	3	KB2PSP	64245
22	WA4EEZ	15675	12	KA0ZPP	43428	3	KD4BC	08425
21	KB9MJ	22313	11	AB4HR	42591	3	KE7AWA	74225
20	KQ4HH	26040	11	KC5LFV	74042	3	KI4FSZ	74243
20	AC6FU	10937	11	VE5KM	42005	3	KQ6PK	67342
17	KA3WWG	56860	10	K7UGE	74200	3	N6RXZ	74251
16	WA6FGI	71961	10	VE5BCS	42027	2	K5ALI	74286
15	N3TGB	68129	9	N2RRA	64220	2	KC2LZD	74205
14	KA9PCU	73562	8	K0NO	20423	2	KC7TF	30042
13	AD4RX	67754	8	KC8YZA	74235	2	KG6GTI	72742
12	KM5EH	71103	8	VK3PCN	34298	2	KK4WS	42544
10	KC0CMZ	70882	8	W5ROS	74284	2	N1DCM	70042
9	W7GSV	7673	7	KC7NY	31424	2	N2TDT	64232
7	K2BIL	68799	7	KD5KTX	73942	2	N3LD	42450
7	KN4Y	17757	6	KN7AZ	70423	2	N4OWB	42557
7	VE7ACM	30939	6	N8HSO	45424	2	N6IDU	42841
6	N0WY	68684	6	N8KIE	56642	2	VE5EEE	54288
6	N6TXT	50198	5	AA5WC	42171	2	W4AZR	04229
6	VE7AAP	50407	5	K9SIR	74252	2	W4IMX	42539
6	DL2IAN	72712	5	TI2/KG4DOE	71842	2	W8JWN	72426
5	N3FNE	52799	5	W7KTE	10427	2	WA7NOD	20242
5	K7WV	70018	4	AB7HW	69042	1	7L1JHN	50422
5	K0DBK	55192	4	K4OZ	42550	1	AA9PB	66420
2	KM5FF	50356	4	KC2ATK	74277	1	AA9RN	66421
			4	KE6RQQ	74224	1	AB4YO	44204
			4	KI3O	01427	1	K7PUW	24421
			4	KN5GRK	71742	1	KA0ILE	42631
			4	KW4TT	64429	1	KA5DFO	74231
			4	N1AWQ	63942	1	KA5HRS	42194
			4	N6QQZ	74250	1	KA8JHD	30425
			4	N8GFK	42751	1	KA8OAT	45442
			4	VE1JIM	42045	1	KB2PAQ	64246
			4	W4GKF	04842	1	KB2POK	64200
			4	W7JLC	07420	1	KB4AXG	44259
						1	KB5VTB	64342
						1	KB6NWN	42856
						1	KC2LYQ	74238
						1	KG4IGC	73342
						1	KH2DF	47422
						1	KM4EZ	44220
						1	N0IKE	42613
						1	N2OE	64224
						1	N4OKL	74265
						1	N7HV	74226
						1	N8RA	42711
						1	N9OGI	67424
						1	N9UKX	66423
						1	NF8M	74222
						1	NX9T	42373
						1	NY0K	59428
						1	PY2PD	67942
						1	VE5BF	42037
						1	VK2VZB	34290
						1	VK4NEF	34296
						1	W0GXQ	74221
						1	W2LHL	74253
						1	W3TFA	42436
						1	W4NHL	42423
						1	W5BLR	65042
						1	W5JMW	14209
						1	W7JGO	42285
						1	W7LY	09422
						1	W7OU	05423
						1	W7WW	62542
						1	W9CY	27426
						1	WA3HVR	42468
						1	WA3ZAR	42428
						1	WA4MAE	74244
						1	WA4WQK	69424
						1	WA4WWQ	74245
						1	WA5SKG	42172
						1	WA5THZ	74256
						1	WA8TPP	64842
						1	WB0UZM	74232
						1	WB4NKM	36425
						1	WB8TNN	73427
						1	WB9OVV	11442

10-10 AWARDS

To apply for any 10-10 Award, proof of paid-up membership is mandatory. A copy of your membership card or address label from the latest copy of the 10-10 International News must be sent with your application. An application listing the rules for each award is available from the appropriate Award Manager listed below. 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. Rules for all Awards are also available on the 10-10 web site located at <http://www.ten-ten.org>

TOP TEN HONOR ROLL

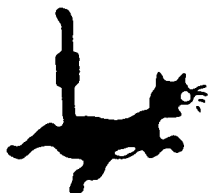
Award Manager:
Doris Slye
N3TGB #68129

#	CNTCS	CALL	10-10#
01	24600	WA5JDU	03017
SK	21000	WB1DBZ	26001
SK	19400	W0RWC	00581
SK	17000	PJ2WG	27999
SK	16700	W4WKQ	33299
02	16500	K5MRU	00218
03	14100	WB7NUU	17416
04	11600	K5GAY	11825
SK	11600	WA9LIC	01599
05	11500	K0PV	09902
SK	11400	N5CUQ	00040
06	10800	NS4M	41176
07	10700	KB0ON	29849
SK	10600	W9IAI	35140
08	10000	W6YRJ	11911
	10000	K6PZE	01341
SK	10000	KS6A	08873
SK	09700	K4HTU	05723
09	09300	N1API	25468
10	09100	WD0SFT	37933

1000+ BAR AWARD

Award Manager:
Doris Slye
N3TGB #68129

CERT #	1000 BAR CALL	10-10#
1544	WN4AMO	73825



500 BAR AWARD

Award Manager:
Dan Morris
KZ3T #41015

VP #	CALL	10-10#
3291	KH6ENC	57906

LUCKY 13 AWARD

Award Manager:
Dan Morris
KZ3T #41015

CERT #	CALL	10-10#
	<i>none issued</i>	

VP AWARD

Award Manager:
Carl Fisher
W0HIK #40678

CERT #	VP WAS CALL	10-10#
	<i>none issued</i>	

CERT #	VP300 CALL	10-10#
207	KD5DE	33513
208	WN4AMO	73825

CERT #	VP400 CALL	10-10#
150	DH3KAT	70302
151	DL1KBQ	70303
152	KD5DE	33513

CERT #	VP500 CALL	10-10#
100	N2EGO	37582

VP900

CERT #	CALL	10-10#
024	AC6FU	10937

VP1000

CERT #	CALL	10-10#
017	KA7ICF	46221

DX COUNTRIES AWARD

Award Manager:
Mike Davidson
N5MT #24949

BASIC AWARD 25 COUNTRIES

CERT #	CALL	10-10#
608	K2JGL	70744
609	N2EGO	37582
610	N1IND	57840

35 COUNTRIES

CERT #	CALL	10-10#
350	K2JGL	70744
351	N2EGO	37582
352	N1IND	57840

45 COUNTRIES

CERT #	CALL	10-10#
247	K2JGL	70744

55 COUNTRIES

CERT #	CALL	10-10#
179	K2JGL	70744

65 COUNTRIES

CERT #	CALL	10-10#
130	K2JGL	70744

75 COUNTRIES

CERT #	CALL	10-10#
094	K2JGL	70744

10-10 AWARDS

80 COUNTRIES
CERT # CALL 10-10#
 066 K2JGL 70744

85 COUNTRIES
CERT # CALL 10-10#
 066 K2JGL 70744

95 COUNTRIES
CERT # CALL 10-10#
 045 W8III 38179

100 COUNTRIES
CERT # CALL 10-10#
 044 OZ1ACB 36953

WPX (PREFIX) AWARD

Award Manager:
 Al Longo
 NN1J #41728

400 PREFIX
CERT # CALL 10-10#
 063 AA1NC* 67174
**callsign correction*

CW AWARD

Award Manager:
 Lee Zalaznik
 KI6OY #50948

100 CW CONTACTS
CW # CALL 10-10#
 026 W0RTV 13962

COUNTY HUNTER AWARD

Award Manager:
 Brad Kimble
 K0DBK #55192

100 COUNTIES
CERT # CALL 10-10#
 508 KH6DRT 33751
 509 K2JGL 70744

1200 COUNTIES
CERT # CALL 10-10#
 015 KA7ICF 46221

OM/XYL AWARD

Award Manager:
 Marcus Lieberman
 KM5EH #71103

100 TEAMS
CERT # CALL 10-10#
 17 K5FBS 48461

WORKED ALL STATES AWARD

Award Manager:
 Eva Donaldson
 WBØCON #53964

CERT # CALL 10-10#
none issued

MOBILE AWARD

Award Manager:
 Ed Redwine
 K5ERJ #11843

BASIC MOBILE AWARD
CERT # CALL 10-10#
none reported

WORKED ALL CONTINENTS AWARD

Award Manager:
 Dick Corlew
 NC6V #25057

CERT # CALL 10-10#
 605 DF3TE 69610
 606 DH1PAL 69212

GB COUNTIES & REGIONS CERTIFICATE

Award Manager:
 Mike Crawshaw
 G4BLH #18446

**BASIC CERTIFICATE
 5 COUNTIES/REGIONS**
CERT # CALL 10-10#
none reported

AWARD MANAGERS

Bar 100-900.....Dan Morris, KZ3T # 41015112 Royal Oak Ct., Lenoir, NC 28645(828) 728-5049 ..dbm72941mo@charter.net
Bar 1000+.....Doris Slye, N3TGB #68129708 Doages Dr., Millersville, MD 21108-2132(410) 923-2811n3tgb@aol.com
VP Bar.....Carl Fisher, W0HIK #406785 Angelina Dr., Augusta, KS 67010-2262(316) 775-5900w0hik@aol.com
VP WAS.....Carl Fisher, W0HIK #406785 Angelina Dr., Augusta, KS 67010-2262(316) 775-5900w0hik@aol.com
VP Lucky 13.....Dan Morris, KZ3T # 41015112 Royal Oak Ct., Lenoir, NC 28645(828) 728-5049 ..dbm72941mo@charter.net
WAC.....Dick Corlew, NC6V #250573213 Carolyn Circle, Oceanside, CA 92054(760) 757-9284nc6v@cox.net
Counties.....Brad Kimble, K0DBK #551923855 66th St. E, Inver Grove Hts, MN 55076-2222(651) 450-1173k0dbk@comcast.net
Countries.....Mike Davidson, N5MT #249493518 Bellefontaine St., Houston, TX 77025-1310(713) 668-8408N5MT@aol.com
CW.....Lee Zalaznik, KI6OY #50948334 Olivina Ave., Livermore, CA 94551-6137(925) 455-0361 ..lee.zalaznik@sbcglobal.net
Mobile.....Ed Redwine, K5ERJ #118439 Yellowrose Lane, Augusta, KS 67010-2230(316) 775-5700k5erj@aol.com
OM/XYL.....Marcus Lieberman, KM5EH #711032300 Hurley Drive NW, Albuquerque, NM 87120-1013(505) 836-1724buckml@lobo.net
WAS.....Eva Donaldson, WBØCON #5396412933 W Montana Drive, Lakewood, CO 80228-4244(303) 989-0475wb0con@comcast.net
WPX.....Al Longo, NN1J #41728PO Box 94, Springfield, ME 04487-0094(207) 738-3268nn1j@pivot.net
GB Counties.....Mike Crawshaw, G4BLH #1844650 Kibble Grove, Brierfield, Nelson, Lancs, England BB9 5EW01144 1282 613754g4blh@zen.co.uk

10-10 SCHOLARSHIP FOUNDATION SUPPORTERS

We encourage all of our members to support the 10-10 Scholarship Foundation. Our goal for the last few years has been to fund five \$1000 scholarships entirely through member donations outside the dues structure. The 10-10 Scholarship Foundation is a qualified 501(c)(3) tax exempt organization and therefore your contributions are tax deductible. If your employer will match your contribution, please let us know. Why not consider a donation as a Chapter or an individual donation in memory of a fellow ham or loved one? If you haven't donated before, we want you to know that all donations, no matter how small, are appreciated and they do add up. Remember, if each active member would donate just one dollar, we'd make our goal with ease. At the time you make a donation to organizations like the volunteer fire department or the United Way, why not write out a check to the 10-10 Scholarship Foundation?

The following members donated in the memory of former Director Bill Marple, AA7ZW #62075: Robert Cole K8IZK; Gordon (and Joan) Levine WB6JVP; Francis Hayes W0VUB; William Hargreave, N1QMU; James McCann N6MCF; and Arlene Schwartz KE6GFI.

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

W0VUB.....	Francis Hayes.....	00593
W6TUZ.....	Ronald Zenone.....	19672
AJ4F.....	Robie Elms.....	39439
N8DSA.....	Fraze St. John.....	40300
N6MCF.....	James McCann.....	44662
N5CLX.....	Elmer Nolte.....	45627
KB2GZH.....	Wayne Pfeffer.....	52591
KC4YCL.....	Carlton Woodson, Jr.....	60707
WA4WHV.....	Robert Tygh, Jr.....	60888
N5PDX.....	Elvin Lawson, Jr.....	61376
N3NOP.....	Robert Fulton, Jr.....	63098
WB6JVP.....	Gordon Levine.....	63117
KB5UJY.....	Kenneth Schulz.....	63342
KE3LE.....	Gordon Amey, Jr.....	64582
N0VYT.....	Keith Porter.....	65284
N2WCY.....	Domald Koeppen.....	65526
KC4PNF.....	Walter Lewis, Jr.....	66943
N1QMU.....	William Hargreaves.....	67146
KF4MHT.....	Robert Mulleins.....	67389
AF4RS.....	Edwin Nicholls, Jr.....	67575
KB2SMS.....	Thomas Randall.....	68017
N3OJP.....	Michael Pyzoha.....	69291
KC8BTG.....	Dominick Calo.....	69361
N3AGS.....	Richard Miskinis.....	72584
NA5Q.....	Roland Guidry.....	72656
KB1HIP.....	Andrew Durette.....	72906

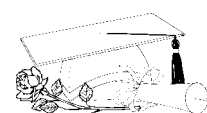
KE6GFI.....	Arlene Schwartz.....	72985
N7VJ.....	Thomas Wilson III.....	73247
N7ZTU.....	Robert Bush.....	73385
K8IZK.....	Robert Cole.....	73889
WA5AAO.....	Darryl Dippel.....	74184

I am still looking for volunteers to serve on the Scholarship Committee. The goals of the Committee are to oversee the operation of the Scholarship Foundation and the Scholarship Fund, to promote increased participation and to develop the programs necessary for the solicitation of contributions to support the Scholarship Foundation. Please contact me if you would like to help.

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

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

10-10 SCHOLARSHIP APPLICANT INFORMATION



Each year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, funds five \$1000 scholarships, which are administered on its behalf by the Foundation for Amateur Radio (FAR).

Diane Zimmerman, AA3OF, Chairman of FAR's Scholarship Committee, announced the five most recent winners of the 10-10 Scholarships in the October 2004 10-10 International News. Over the past 16 years, 10-10 has funded 56 scholarships valued at \$51,000.

Applicants must be licensed radio amateurs having HF privileges. 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. Foreign members should be aware that students who study outside the United States are also eligible to receive a 10-10 Scholarship.

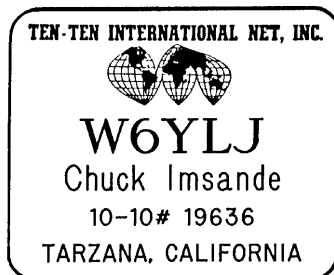
It is suggested that every 10-10 member encourage qualified college-bound radio amateurs to take advantage of this opportunity by requesting an application package by letter or QSL card prior to April 30, 2006 from the:

Foundation for Amateur Radio
P.O. Box 831
Riverdale, MD 20738

Applicants, except those who are active 10-10 members, must provide an endorsement from a current active 10-10 member (one whose dues are current).

Completed applications must be received by FAR prior to June 1, 2006.

The Sign Man
of Baton Rouge
is Ten-Ten's
Official Supplier
of



**BADGES, QSL CARDS,
MUGS and CAN HOLDERS**
www.thesignman.com

PINS PATCHES & DECALS

1" Pins - \$3.50 each or two for \$6.00
3" Patches - \$3.50 each or two for \$6.00
3" Decals - \$1.50 each
SPECIAL - one of each for \$7.00



All shipments post paid (DX add \$1.00)

Please make your check or money order out to 10-10
International Net, Inc. and mail to:

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

sale profits go to the 10-10 Scholarship Foundation

Want to help a ham in their
quest for higher education?

**Give to the Ten-Ten
Scholarship Foundation!**

This is a 501(c)(3) tax exempt organization and
therefore your contributions are tax deductible

For more information, contact:
10-10 International Net Scholarship Manager
Larry Berger WA2SUH
9 Nancy Boulevard, Merrick, NY 11566-3119

W6OI #109 ON THE AIR

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

JACK MOORE, K5CC
W6OI LICENSE TRUSTEE
371 RIDGE CREEK LN
BULVERDE TX 78163

QSL cards are available for special events.

W6OI was on the air for the Mobile Contest on Mar 19, the Spring CW contest on May 7,8, the Hill Country Picnic on May 22 and the 10-10 Convention in Mesa AZ from Jun 8-12.. Louise Chapman (N6ELK #36654) operates W6OI each Wednesday as the 10-10 Net Control beginning at 1800Z on 28.800 MHz. Please include a SASE (or use the QSL Bureau) when requesting a QSL card via:

LOUISE CHAPMAN, N6ELK
3210 CLARK AVE
LONG BEACH CA 90808

Paperchasers working W6OI can request the chapter list from K5CC. W6OI has FISTS and GERATOL numbers. Contact K5CC to arrange a schedule to obtain these numbers.

W6OI SPECIAL EVENT

The 10-10 Board of Directors has approved the W6OI Special Event as an annual operating activity of 10-10. The Special Event will be held in November and involves simultaneous operation of W6OI in all US call areas. Stations working W6OI in all call areas receive a certificate and special QSL cards are available for each call area. The purpose of the Special Event is to have a fun operating activity for 10-10 members and advertise 10-10 to prospective members. Jack - K5CC #50708 as trustee for W6OI will be the focal point for the Special Event and will be assisted by Cliff - K5FBS #48461 and Ray - N5DAS #35877. The 2005 Special Event will be on 26 and 27 November. We hope to have 3 to 5 operators in each call area. If you are interested in participating contact Jack, Cliff or Ray.

New Life Members

58314K7SR.....Robyn M Walters
62620K4MIK.....Abner D Richards
69299WB4LITAndrew J Zipperer Jr

It is with sorrow that we note the following 10-10 members who are now Silent Keys. We extend our sincere condolences to the families and friends of these SK members whose calls and 10-10 number will forever be kept in the records of the 10-10 Net.

Silent Keys

Compiled and listed by
Ruth Bartholomew NØKDB #48715



01345...WA1JZP ...Lydia HamlinFarmington, ME	32241...W5SRQCecil JohnsonLexington, MO
02180...K1CEJHomer HurlburtBurlington, VT	33335...N2CXGClaude SartoriusMuskegon, MI
02333...W0JD.....Arthur HallawaySun City West, AZ	33597...W5BJD.....William HardinFlorence, MS
02540...K1MALMarvin McConkey ..Northampton, MA	34097...WD8MDG Paul BanquerGreenville, AL
02816...K3JIJim SchwartzHartly, DE	36777...KD7ZJDuane SchaeferPortland, OR
02988...WB6CZO .Charlie DeanHighland, CA	38167...K8EIOJames MillerStow, OH
03159...WA8OXS..Bob NickelOro Valley, AZ	38938...VK2GWE .Larry TracyCaringbah, Nsw, Aust
03943...K5GHL.....Gabino FajardoSpringdale, TX	39115...K0YWTMarion FordHesston, KS
04315...WA7ODG .Maurice WarnerTucson, AZ	39603...W7AQE....John NagelGoldendale, WA
05053...N7ARArthur ReadePhoenix, AZ	39682...WB7SYO .Frank KoczianPortland, OR
05554...K4IIWilliam Baird Jr.....Spartanburg, SC	41214...N9QXLeo Jendraszkiewicz...Crown Point, IN
05758...K6PJE.....Lyle AudissSanta Rosa, CA	41827...AB4DR.....Paul GardnerDestin, FL
06013...W4MZX ...Edward WhiteJeffersontown, KY	43047...W1DPRGeorge SpamerPalm Bay, FL
06813...KF5KBGeroge Aldredge Jr.....Dallas, TX	43184...N5KWSCharray Allen.....Las Cruces, NM
07380...K4RQCharles ConcannonAlexandria, VA	43314...K9WWP ...Donald MillerRichmond, IN
08541...KC7BN.....Lee BrownTucson, AZ	45118...N2AFDThomas RankinSelkirk, NY
09197...N4MFMarshall FantAnderson, SC	46167...W4MGY...Steve Kennedy.....Mc Ewen, TN
09404...AC8FGeorge MartensJackson, MI	46716...WB9YNQ .Duane HillPeoria, IL
09442...K7FZCraig MooreLongview, WA	47546...KG5ITCass Germany JrHouston, TX
09876...K0IQ.....Margaret KoernerBoulder, CO	49540...K4VGDJean DesautelsPompano Beach, FL
10483...W0MVR...Virgil Linke JrHart, MI	49724...W2RTDRoger BerryLehigh Acres, FL
11072...W4ZACCharles HaleLoyall, KY	49935...WB4LCB..Russel LawsonCleveland, TN
11732...W5EIJ.....Lesley "Les" Woosley.....Plano, TX	50172...KH6BIFrederick MaertensKailua, HI
12350...N7FRBVincent Macmorran...Westminster, MD	50857...WA7BOD .Ron SwannTucson, AZ
14393...WB3BMA Frank Bloom.....Rockville, MD	51678...KF8ADRoland AchesonHarlingen, TX
15842...W6REW ...Richard WarrenSan Diego, CA	54807...KB5JZB...John SpenceNederland, TX
16242...KC5IKKenneth Torrance .Sulphur Springs, TX	55350...WA6TUJ...Howard Phelps.....Sacramento, CA
17885...K1DUI.....William BenderyBangor, ME	60849...KC4WGL .Audley McCainCharleston, SC
20190...WB2GIL...Robert Jones.....Utica, NY	61190...WA0FEI...F Wayne WhiteGalena, MO
20361...K1TEXMichael Principe Jr Flower Mound, TX	63134...WA6BEB .J Osborne BakerSimi Valley, CA
20411...WB5NTI...Alton MorganOdessa, TX	63352...N5VL.....Vance Le Pierre .Frenandina Beach, FL
21058...W4OKH ...Herman BrugmanSt. Petersburg, FL	65823...AC6PXJohn Gagliardo.....Oxnard, CA
21302...W6AYQ....R. Leonard CaryTracy, CA	66122...WA4FEI...Edgar DentonHarrisonburg, VA
23093...W4LHPJohn SparkHaines City, FL	66169...KD4CJG...Charles Ford JrAsheville, NC
24561...KC3LVElmer Seppala.....Fairview, PA	66957...AE4NA.....James MorganSt. Petersburg, FL
25589...KP4CI.....Alfredo SambolinPonce, PR	68796...K5MDD....John Schwartz JrHattiesburg, MS
25736...W3DRSHarold 'Hal' Heeremans ...Hazelton, PA	68876...KB8SOU ..Danny EvanoffTiffin, OH
26259...KD4LO.....Clarence HendrixLancaster, SC	70253...KC0BQE ..Nancy DysartKansas City, MO
27533...W5AGSam LeslieLawton, OK	73598...N5KCJ.....Paul RiceCarlisle, AR
30455...W8LHGRalph CarylDavison, MI	73756...KG4TDJ ...John Killian.....Roanoke, VA
31185...W9LCRPeter Oglivie Jr.....Buffalo Grove, IL	

10-10 INTERNATIONAL NEWS

T E N T E N N E T G U I D E

as of June 23, 2005

DAY	ZSUM	ZWIN	CHAPTER	QTH	FREQ	DAY	ZSUM	ZWIN	CHAPTER	QTH	FREQ
SUN		0010	Twenty-Eight (1st)	Eden Hill, VK	28360	WED	0030	0130	Minuteman	Saugus, MA	28409
SUN	0300	0400	Chief Seattle	Seattle, WA	28630	WED		0100	Cincinnati Area Ten Tuners	Milan, IN	28800
SUN		0830	Twenty-Eight (2nd)	Eden Hill, VK	28560	WED	0100	0200	Houston SHOT	Houston, TX	28488
SUN	0830	0930	Borinage	Colfontaine, ON	28785	WED	0200	0300	10 Bar X	El Paso, TX	28440
SUN	1200	1300	Elmer J Fudd Net	Berwick, PA	28340	WED	0300	0400	Edmonton Area 10-10ers	Edmonton, ALB	28520
SUN	1300	1400	GB Ten	Spalding, G	28860	WED	0300	0400	Chief Seattle	Seattle, WA	28630
SUN	1300	1400	Arlington	Arlington, VA	29200	WED	1200	1300	Elmer J Fudd Net	Berwick, PA	28340
SUN		1430	Cincinnati Area Ten Tuners	Milan, IN	28960	WED		1700	Gold City	Dawsonville, GA	28425
SUN		1530	Neanderthal Chapter	Leichlingen, DL	28355	WED	1700	1800	Channel Islands	Oxnard, CA	28340
SUN	1530	1630	Steel City	Chicago, IL	28420	WED	2100	2200	Outlaws on Ten	San Antonio, TX	28644
SUN	1600	1700	Sky Blue Waters	St Paul, MN	28715	WED	2200	2300	Route-66	Boonville, IN	28370
SUN	1630	1730	Possum Trot	Raeford, NC	28345	WED	2300	2359	Michigan Robins	Southfield, MI	28493
SUN	1800	1900	Portland 500	Clackamas, OR	28350	W/T	2300	0001	Battle Road	Mason, NH	28390
SUN		1800	Major League Baseball	@ La Mirada, CA	28830	THU	0001	0100	Egyptian Radio Club	Granite City, IL	28420
SUN	1900	2000	Springbok	Oliver Springs, TN	28385	THU		0001	Cradle of the Confederacy	Pike Road, AL	28350
SUN	1930	2030	North Georgia	Atlanta, GA	28610	THU	0100	0200	Cowtown	Arlington, TX	28710
SUN	2030	2130	Air Capital	Augusta, KS	28775	THU	0100	0200	Gateway	St Louis, MO	28650
SUN	2100	2200	Possum Trot	Raeford, NC	28150 CW	THU	0100	0200	Milwaukee	Milwaukee, WI	28365
SUN	2200	2230	SO TX Lighthorse Brigade	San Antonio, TX	28345	THU	0100	0200	MO-KAN Tanners	Overland Park, KS	28440
MON	0001	0100	Chesapeake Bay	Chestertown, MD	28435	THU	0100	0200	Channel Islands	Oxnard, CA	28340
MON	0030	0130	Minuteman	Saugus, MA	28150 CW	THU	0130	0230	Cowtown	Arlington, TX	28460
MON		0100	Arizona Desert 10-10 Net	Phoenix, AZ	28445	THU	0230	0330	Windfarms	Liverore, CA	28485
MON	0100	0200	Milwaukee	Milwaukee, WI	28365	THU	0300	0400	Chief Seattle	Seattle, WA	28630
MON	0100	0200	Lonestar	Arlington, TX	28460	THU	1200	1300	Elmer J Fudd Net	Berwick, PA	28340
MON		0130	Palmetto	Hollywood, SC	28450	THU	1300	1400	GB Ten/Laurel Mancunium	Spalding, G	28870
MON	0130	0230	Bauxite	Benton, AR	28470	THU		2000	Branding Iron	Kemper, TX	28345
MON	0200	0300	Sky Blue Waters	St Paul, MN	28715	FRI	0001	0100	Crazy Eights	McKeesport, PA	28388.8
MON	0300	0400	Chief Seattle	Seattle, WA	28630	FRI	0001	0100	Fort McHenry/Yodar Kritch	Arbutus, MD	28370
MON	1200	1300	Elmer J Fudd Net	Berwick, PA	28340	FRI	0001	0100	Pine State	Orrington, ME	28373
MON		1700	Colorado Quartermaster	Widfield, CO	28120 PSK	FRI	0300	0400	Chief Seattle	Seattle, WA	28430
MON		2030	Space Coast	Elmendorf, TX	28355	FRI	1200	1300	Elmer J Fudd Net	Berwick, PA	28340
MON	2130	2200	Colorado Quartermaster	Widfield, CO	28360	FRI		1400	New Waterkant	Boern, DL	28355
MON		2300	Oceans of the World	Tampa, FL	28375	FRI	2230	2130	Down Under	Aukland, ZL	28530
MON		2330	Santa Fe Trail	Columbia City, IN	28695	SAT	0001	0100	Fort McHenry/Yodar Kritch	Arbutus, MD	28370
MON	2300	2359	Trotters and Pacers	Cranberry, NJ	28755	SAT	0001	0100	MAINE-iacs	North Haven, ME	28402.5
TUE		0001	Sun Coast Radio	Tampa, FL	28375	*SAT	0100	0200	Busy Bee	San Angelo, TX	28360
TUE	0100	0200	Colorado Centennial	Lakewood, CO	28340	SAT	0300	0400	Chief Seattle	Seattle, WA	28630
TUE	0100	0200	City of Lights	St Charles, IL	28150 CW	SAT	1200	1300	Elmer J Fudd Net	Berwick, PA	28340
TUE	0130	0230	City of Lights	St Charles, IL	28720	SAT	1430	1530	Steamboat Plus	Shreveport, LA	28855
TUE	0130	0230	Bauxite	Benton, AR	28470	SAT	1500	1600	Republic of Texas	Eules, TX	28460
TUE	0130	0230	OK Route 66 Chapter	Oklahoma City, OK	28390	SAT	1510	1610	Louisiana Pelican 10-10 Net	Baker, LA	28450
*TUE	0200	0300	Concho Valley	San Angelo, TX	28360	SAT	1630	1730	Boomtown	Burkburnett, TX	28402
TUE	0230	0330	Golden Bear	Rancho Cordova, CA	28485	SAT	1600	1700	City of Roses	Beaverton, OR	28835
TUE	0300	0400	Chief Seattle	Seattle, WA	28430	SAT	1730	1830	Tango	Buenos Aires, LU	28650
TUE	0300	0400	Bay Area	Hayward, CA	28475	SAT		1800	Keystone/Keystone Stars	Brea, CA	28765
TUE		0500	Aloha	Hakalau, HI	28487	SAT	1700	1800	Lilac City	Spokane, WA	28390
TUE	1200	1300	Elmer J Fudd Net	Berwick, PA	28340	SAT		1900	Peshtigo Fire	Wisconsin Rapids, WI	28370
TUE	1500	1600	New Mexico Mud Ducks	Albuquerque, NM	28835	SAT		2000	Restoration Project	Port Alberni, BC	28747
TUE	1600	1700	Electric City	Melbourne, FL	28845	SAT		2200	Alii	Lihue, HI	28730
TUE	2030	2130	Twin Cities	Inver Grove Heights, MN	28325	SAT		2300	Oregon Trailblazers	Lander, WY	28400
TUE		2000	Branding Iron	Kemper, TX	28345	(*) New or change					
T/W	2330	0030	Republic of Texas	Eules, TX	28560	All changes to the above times and/or frequencies should be referred to the Chapter Manager if you desire accuracy of your net. Chapter Manager: K5FBS, Clifford A Taylor, 22707 Red Mountain Drive, Elmendorf, TX 78112-6034. Email: "catk5fbs@aol.com"					
WED	0001	0100	Castle Craig	Meriden, CT	28375						
WED		0030	Kansas Trails	Grove City, MN	28385						
WED		0100	White House	Washington, DC	28475						
WED	0030	0130	All American City	Birmingham, AL	28400						

10-10 INTERNATIONAL NEWS

MEMBERSHIP INFORMATION AND SERVICES

WOULD YOU LIKE TO JOIN 10-10?

Here is what you need:

1. You must hold a valid amateur operator license.
2. Your valid amateur operator license **MUST** authorize or qualify you for unsupervised transmitting operations in the ten meter amateur band under your own personal call sign.
3. You must make contact with ten members of 10-10 and submit a log listing all contacts, their 10-10 number, call sign, name, date of contact, and QTH (state/province/country). A new member application and contact log is available in Section 1 on page 31 of this publication.
4. You must remit dues for one or more years full membership. Fee schedule and payment information can be found in Section 2 on page 31 of this publication.

TYPES OF MEMBERSHIPS

Please see fee schedule in Section 2 on Page 31

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 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. If you wish information on the extended payment plan, please 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. Extended payment plan is not offered with senior life membership.

Family Life Membership is no longer available

MEMBERSHIP RENEWALS

Fill out fee schedule and method of payment in Section 2 on Page 31 and forward as indicated to Data Manager or DX Area Manager. Please make sure you include a copy of your address label with form. If you do not have a copy of your address label (renewing after your membership has lapsed), please include a note with your name, current mailing address, call sign and 10-10 number.

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.

10-10 Information Brochure

The 10-10 Information Brochure is 8 pages of everything you would want to know about 10-10. Available for \$2 postpaid along with a return address label.

XXIP

XXIP offers 10-10 number, call, name, address, city, state/country, membership status, expiration date, and SK status. XXIP will print a simple address label. XXIP is updated **monthly** and is available on a CD-ROM or by download from the LinGer web site. Order from the Data Manager: CD-ROM for \$10 US Zip Codes or \$13 DX postpaid. For download version e-mail the Data Manager <wa6poz@arrl.net> or go to <www.lingerinc.com> for instructions.

AN-TEN-TEN-NAS

AN-TEN-TEN-NAS is a book by L.B. Cebik containing 30 articles and designs for 10 meter antennas from the pages of the 10-10 NEWS. Price is only \$12.95 USD plus shipping and handling (US Zip Codes \$5 USD - all others \$8 USD).

ALL THE NEWS ON CD-ROM

Every published issue of the 10-10 NEWS on one CD. \$20
All profits from the sale of AN-TEN-TEN-NAS and the 10-10 NEWS on CD-ROM go to the 10-10 Scholarship Foundation.

Payment may be made by Check, Money Order or IRC's (\$1 USD per IRC). VISA and Mastercard are also acceptable. Please provide Card Number, Expiration Date, Name of Card, Phone Number and signature of Cardholder. Mail to:

Data Manager, 10-10 International Net, Inc.
PMB142
643 N. 98th Street
Omaha, NE 68114-2342

SCHOLARSHIP DONATIONS

Donations to the 10-10 Scholarship Foundation are requested from each member on an annual basis to help fund the five \$1000 10-10 scholarships. Your check should be made payable to the 10-10 Scholarship Foundation and sent to:

Larry Berger, WA2SUH #00407
10-10 Scholarship Manager
9 Nancy Blvd.
Merrick, NY 11566-3119

Catch us on the WEB

www.ten-ten.org

www.10-10.org

SECTION 1 - MEMBERSHIP APPLICATION AND CONTACT LOG

Postal/Zip Code _____ E-mail Address _____

* as listed on Page 30 of this publication

YOUR SIGNATURE _____

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

10-10 FEE SCHEDULE <i>(eff 2/1/03)</i>	US Zip Codes	DX
New Members	<input type="checkbox"/> \$ 15	<input type="checkbox"/> \$ 18
Renewals (yearly)	<input type="checkbox"/> \$ 15	<input type="checkbox"/> \$ 18
Renewals - 3 year incentive	<input type="checkbox"/> \$ 40	<input type="checkbox"/> \$ 49
Family Membership (yearly)	<input type="checkbox"/> \$ 5	<input type="checkbox"/> \$ 5
Life Membership	<input type="checkbox"/> \$ 500	<input type="checkbox"/> \$ 650
Senior Life	<input type="checkbox"/> \$ 150	<input type="checkbox"/> \$ 200
Scholarship Foundation Donation	<input type="checkbox"/> \$ ____	<input type="checkbox"/> \$ ____
<i>Enter Total</i>		

US Postal Codes and LIFE Memberships mail to
Data Manager, Ten-Ten International Net, Inc.
PMB142
643 N. 98th Street
Omaha, NE 68114-2342 USA
 for information email: wa6poz@arrl.net

DX Applicants mail to:
Carol Hugentober, WA8YL #29588
DX Area Manager
4441 Andreas Avenue
Cincinnati, OH 45211-2622 USA
 for information email: wa8yl@juno.com

☐ CHECK Make all checks payable to 10-10 International Net, Inc. Please list your call and 10-10# on your check.
Do not send cash. All DX are reminded that money amounts are quoted in US Dollars.
DX Members please pay by International Postal Money Orders (IRC's are acceptable).

☐ MASTERCARD Account Number (Please include all the numbers on your credit card)☐ VISA

Good Through: /

SIGNATURE of Cardholder _____ Date: _____

For charges this form may be faxed to 10-10 International Net, Inc. at 402-891-2481

10-10 QSO PARTY COVER SHEET

Callsign _____ 10-10# _____ Name used in contest _____

Name _____

Address _____

City _____

State/Province/Country _____ Zip _____

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

2005 Contest Schedule <table border="1"> <thead> <tr> <th></th> <th>Contest</th> <th>Postmark</th> </tr> </thead> <tbody> <tr> <td>Winter Phone</td> <td>Feb 5-6</td> <td>Feb 21</td> </tr> <tr> <td>Mobile Contest</td> <td>Mar 19</td> <td>Apr 4</td> </tr> <tr> <td>Spring CW</td> <td>May 7-8</td> <td>May 23</td> </tr> <tr> <td>Summer Phone</td> <td>Aug 6-7</td> <td>Aug 22</td> </tr> <tr> <td>10-10 Sprint</td> <td>Oct 10</td> <td>Oct 25</td> </tr> <tr> <td>Fall CW</td> <td>Oct 29-30</td> <td>Nov 14</td> </tr> </tbody> </table> <p><i>contest rules on page 20</i></p>		Contest	Postmark	Winter Phone	Feb 5-6	Feb 21	Mobile Contest	Mar 19	Apr 4	Spring CW	May 7-8	May 23	Summer Phone	Aug 6-7	Aug 22	10-10 Sprint	Oct 10	Oct 25	Fall CW	Oct 29-30	Nov 14	Check Event <input type="checkbox"/> WINTER PHONE <input type="checkbox"/> MOBILE CONTEST <input type="checkbox"/> SPRING CW/DG <input type="checkbox"/> SUMMER PHONE <input type="checkbox"/> 10-10 SPRINT <input type="checkbox"/> FALL CW/DG	Check Entry Type <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> QRP 10 watts or less Phone, 5 watts or less CW/Digital <input type="checkbox"/> CLUB Only for those operating as a club station. <i>If operating under a Club call, please list all operators and their 10-10 numbers (if any) on log.</i>	US Call Area (W0-W9) or ARRL DX Country you operated from Chapter Assignment (not valid for 10-10 Day Sprint)
	Contest	Postmark																						
Winter Phone	Feb 5-6	Feb 21																						
Mobile Contest	Mar 19	Apr 4																						
Spring CW	May 7-8	May 23																						
Summer Phone	Aug 6-7	Aug 22																						
10-10 Sprint	Oct 10	Oct 25																						
Fall CW	Oct 29-30	Nov 14																						
Claimed Score: Contacts WITH 10-10 number: _____ x2 = _____ Contacts WITHOUT 10-10 number _____ x1 = _____ Total Contacts _____ Total Pts _____ <p><i>NOTE: DUE TO MULTIPLIERS, THE MOBILE CONTEST WILL BE SCORED BY THE CONTEST MANAGER</i></p>																								

MAILED ENTRIES: All submissions must contain this cover sheet (or a 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: Steve Rasmussen NØWY, 312 N 6th Street, Plattsmouth NE 68048, USA

E-MAIL ENTRIES: All submissions must be in straight text format and must additionally include all information from this cover sheet either in separate summary or as summary at head of log. Dupe sheet is not required with an e-mail entry.

E-Mail to: tentencontest@alltel.net

www.ten-ten.org

www.10-10.org

electronic version of this issue at www.lingerinc.com - logon JulyNews - password July2005

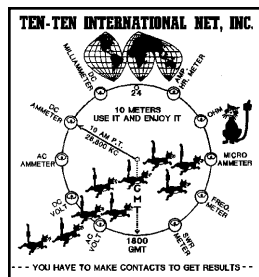
10-10 International Net, Inc.
 PMB 142
 643 N. 98th Street
 Omaha, NE 68114-2342

Address Services Requested

TIME TO RENEW? EXPIRATION DATE
 IS ON MAILING LABEL BELOW

FIRST CLASS

PRE-SORTED
 FIRST-CLASS MAIL
 U.S. POSTAGE
 PAID
 OMAHA, NE
 PERMIT 1799



JULY 2005
 (SUMMER)