

## Volume 44 Issue 1



IF YOU WENT TO THE 2005 CONVENTI ON - YOU ALREADY KNOW! ANSWERS PAGE 23

## The 10-10 International News

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

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

Please mail all articles and photos to:

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

## DEADLINE FOR NEXT ISSUE: 1 Mar 2006

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I just finished playing in the ARRL 10 meter contest and was very happy to find some new-to-me 10-10 numbers. All but one of the people I contacted that had a number were glad to exchange it with me. I know it threw them off of their rhythm a bit, but since contacts were coming slow they didn't seem to mind too much. In a faster paced contest (read - better propagation) I would not have even tried to make that exchange.

I guess what I'm coming around to is, I still made 60 contacts on a band that is supposed to be totally dead. At least that's what I hear (nothing) working at putting this edition of the NEWS together.

I know what the problem is - no one is saying anything! You can't hear anyone talking if no one is transmitting. During the ARRL contest there were lots of people transmitting - that's why contacts were being made, by me and a lot of other people. Just got a report from a fellow DXer in Nebraska that he made over 1000 contacts in that contest, including several countries. I will admit he has antennas that make me drool so bad...... never mind. The point is he was making contacts by calling CQ. I really don't think the band is ALWAYS in the toilet. And I really do believe that the band is open more than most people think.

Tell you what - I'm going to make a New Year's resolution right here and now. I resolve to get on ten meters and call CQ for at least one hour a day (unless wife has something that WON'T wait) and even more on weekends.

This is supposed to be the absolute rock bottom of the cycle. I'm going to see what it takes to get all of you out there to do the same thing. Don't just sit there and listen CALL CQ!!!!!

Where am I gonna be? You're going to have to find me! I may be somewhere between 28.300 and 28.500 , I might be on PSK on 28.120 , I might even try and throw out a few slow-speed CW CQ's. But I WILL BE THERE!!!

My beacon at 28.204 has a problem - it doesn't like the cold. Radio was out in the detached garage and when temp got below 20 f it quit transmitting. I intend to move the transmitter to a warmer place, but not until the temp warms up. I'm not going up on that roof to restring the coax until it's a whole lot warmer.

And with that - hope to see you in my $\log$ soon - 73 !
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10-10 NET CONTROL STATIONS
ALL NEIS BEGIN AT $1800 Z$
Monday (28.380) ..... Dick, K6PZE \#01341
Monday (28.800) ..... Doc, WB6OJB \#70675
Tuesday (28.380 ..... Brian, KC7OC \#67668
Tuesday (28.800)
Wednesday (28.380) ..... Chris, N7PVL \#58018
Wednesday (28.800) ..... Louise, N6ELK \#36654
Thursday (28.380) .Bob, N6OPR \#45715
Thursday (28.800) .Robert, KG4PK \#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, WD8GHY \#58858
Alternate Net Controller

## 10-10 INTERNATIONAL NEWS


by Mike Elliott K7BOI (Vice President)

## What's Up for 10-10 in 2006?

Well the New Year is under way! Let's hope that 2006 will bring some improvement in propagation for 10 -meters. 2005 was truly a tough year for contacts. However, an examination of the $10-10$ awards issued in 2005 does show that many members were able to make contacts even with difficult propagation. 10-10 will again have its full compliment of contests and other on-air activities in 2006. We will also hold general elections this year (more details below). The opportunity for involvement in 10-10 and its activities has never been better!

## Elections

An election will be held in 2006 for the offices of President, Secretary and four (4) Director positions. Ballots will be provided to all Active Members by August 1st and elections will close on September 15th. As provided in the 10-10 Bylaws, a Nominations Committee has now been established to solicit candidates. The Nominations Committee is made up of current 10-10 members and is led by Director Rob Ireland, VE9KM, \#69811. If you are interested in running for one of the ballot positions, or would just like more information about 10-10's election process, please contact Rob for the details. Rob can be reached by mail at; 31 St. James Street, Sackville, New Brunswick, E4L 4L7, Canada or by e-mail at; rireland@mta.ca. Please remember that all organizations need members that are willing to participate and be involved. The 2006 election is your opportunity to step forward and expand your involvement and help a great organization.

## Propagation Low - Try PSK31

The falloff in sunspot activity has given rise to

PSK31 activity. This has been especially true on 10meters. 10-10's contest logs and Internet reflector show that PSK31 activity on the lower portion of the 10 -meter band is definitely on the rise.

If you have not looked into PSK31, maybe you should. PSK stands for Phase Shift Keying and 31 stands for 31 hertz. The equipment requirements for this communication mode may be less than you would think. All that is needed is a personal computer with a sound card (usually one that is Sound Blaster compatible), your HF radio, an interface unit (available from commercial suppliers or homebrew) and a software program (many are available as shareware or freeware). With just that much equipment you can get involved in PSK31.

With these materials in place, all that is left is to make those contacts. Many articles are available on the Internet relating to "how to" aspects of PSK31 operation. This is an excellent weak signal mode for digital communications that has come into its own in recent years. Don't be left out - give PSK31 a try on 10 -meters and make those contacts and collect those new 10-10 numbers.

## Beacons

One of the keys to determining "real-time" 10meter band conditions is the use of beacons. This is particularly true during this portion of the sunspot cycle when solar flux has definitely declined so dramatically. Geomagnetic disturbances have also remained very low. Many ham operators believe that this is the time to pay more attention to the 10 -meter band, and in particular the beacons operating on the 10 -meter band. A key to current propagation is to listen to the 10 -meter beacons, most of which are located between 28.2 and 28.3 MHz . The beacons transmit constantly from locations around the world and provide a good indication of openings that may occur between your location and a particular area or region. A listing of known 10-meter beacon stations is available on 10-10's web site at www.tenten.org/beacons.html. This list provides frequency, call sign, location and antenna description for each beacon location. The Internet also offers other resources for identifying 10 -meter beacon locations. In this time of poor propagation we need to put all tools

## 10-10 INTERNATIONAL NEWS

at our disposal to use - and 10 -meter beacons are a good resource.

## 2006 Board Meeting

10-10's annual Board of Directors meeting will be held in Omaha, NE on June 6, 2006. The Board gathers once each year to address topics of importance to the organization. As always, any interested 10-10 member is encouraged to attend the meeting. If you have issues that you would like the Board to consider please contact me, or one of the other Board members, to find out how to submit your issue or proposal. All input is appreciated! A few of the items currently planned for this years agenda include revisions to the Bylaws and Operations Manuals, discussion of the results of the 2005 Member Survey, the 10-10 Scholarship Fund and the budget for 2007. An advance copy of the meeting agenda will be posted on the 10-10 Internet web site (www.ten-ten.org) at least 30-days prior to the Board meeting date. Please provide your input for Board consideration.

## 2007 Convention

10-10 holds a convention every two years for its members. The 2005 convention was held in Mesa, Arizona and was quite successful with a tremendous amount of members participating and many fun activities. Past convention locations have included such sites as Wisconsin, Louisiana, Texas, Kansas, Iowa, and Massachusetts. The Board is currently soliciting proposals for the 2007 convention. Several chapters have expressed interest in hosting such an event. If you or your group would be interested in such an endeavor we would like to hear from you too. If you would like additional information regarding the hosting of 10-10's biannual convention please contact Director Joe Williams, WA9TSG, \#310. Joe can be reached by mail at; P.O. Box 511092, Milwaukee, WI, 53203 or by e-mail at; jwilliams34@wi.rr.com. Joe will be happy to give you the details and help with any questions you may have about hosting a 10-10 convention.

Yes, 2006 will be an active year for 10-10 International and its members. Please pick your area of interest and get involved. Above all, keep that radio on, and on the 10 -meter band, and make contacts!

73 and see you all next issue!

## PAPERCHASERS ON ML

Here is the current list of paperchasers that are using the Automated Input feature (ML List) of the WIN1010 program. There are currently 113 stations represented. Changes to this listing should be sent to both K4HAV and K5FBS.
((Current as of 30 November 2005))

| AA7FK | 53104 | KD4BVG | 64773 | NM5MD | 72385 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| AC6FU | 10937 | KD5BZC | 42114 | NS2M | 72143 |
| AD4RX | 67754 | KD5DE | 33513 | NV7SS | 74073 |
| AG4T0 | 73034 | KD7UZ | 13825 | RA6AR | 25950 |
| AJ 5ZX | 71083 | KE1HG | 69090 | VK6PP | 38922 |
| AK5Y | 40839 | KE7ACM | 74182 | WODCA | 73999 |
| K0DBK | 55192 | KE9VK | 50631 | W1NRG | 29650 |
| KONO | 20423 | KE9WZ | 49610 | W2BOC | 71096 |
| K1IEQ | 31363 | KH6ENC | 57906 | W2MLB | 73799 |
| K2BIL | 68799 | KH6F | 37649 | W3PRK | 70746 |
| K4QHH | 26040 | KH6G | 34749 | W4BZB | 74397 |
| K5CC | 50708 | KJ 6DB | 71092 | W 4 BZB | 74397 |
| K5FBS | 48461 | KJ 7RF | 69390 | W5QVS | 57608 |
| K6MQ | 71487 | KK7UU | 10934 | W5RTA | 74356 |
| K7PRZ | 47633 | KL7JGN | 27834 | W5SC | 20365 |
| K7QXG | 5956 | KM5EH | 71103 | W6ASP | 73446 |
| K8PEJ | 49865 | KM5FF | 50356 | W601 | 109 |
| K9EAM | 53599 | KN7I | 69659 | W6VY | 32620 |
| K9EHP | 2847 | NOKDB | 48715 | W7CAR | 46235 |
| KA2SKO | 38739 | NOTW | 36547 | W7PIR | 74376 |
| KA4N | 50786 | N1API | 25468 | W7PLK | 73898 |
| KA5EYH | 70252 | N1STE | 65471 | W8HL | 56609 |
| KA5VVD | 42188 | N3FNE | 52799 | W8XC | 3745 |
| KA6GPC | 43555 | N4GCC | 73776 | W9BLI | 31111 |
| KA6VZL | 46310 | N4WAB | 65133 | WA1EBJ | 20497 |
| KA9ADD | 42381 | N5DAS | 35877 | WA4EEZ | 15675 |
| KB0CQ | 29836 | N5MT | 24949 | WA6FGI | 71961 |
| KB00N | 29849 | N5PTR | 57105 | WA7HYD | 72769 |
| KB5DPM | 48628 | N5SCA | 57160 | WA7QED | 8818 |
| KB6UPG | 51849 | N6EMI | 47123 | WBORCC | 14012 |
| KB7IFJ | 53115 | N60PR | 45715 | WDOH | 70711 |
| KB9NZX | 68570 | N6USP | 73444 | WDOH | 70711 |
| KC4RHW | 57051 | N7IVM | 54698 | WD4EQU | 26853 |
| KC4TVZ | 60783 | N7PJP | 47685 | WD4EQU | 26853 |
| KC6MJ O | 57217 | N7VS | 60964 | WD5EDR | 23693 |
| KC6MZY | 67303 | N7VZE | 62530 | WR5CRA | 68189 |
| KC7DH | 52099 | N9AC | 61453 | WV7C | 22954 |
| KC8RRO | 72780 | NJ 71 | 43483 | ZL3KR | 6251 |

## New Life Members

| 20414 | ..N5PU. | Luther L Bishop |
| :---: | :---: | :---: |
| 21187 | ..WB6ULU | ..Lloyd T Harwood |
| 26651 | ..K5OI. | .Timothy J Pettibone |
| 33187 | ..KC9YY | ..David L Southern |
| 72792 | ..N1JDY | .Kevin C Zalondek |
| 72856 | AC7ZA | ....Alan P Becker |

## 10-10 INTERNATIONAL NEWS <br> ELECTI ON 2006-CALL FOR NOMI NATI ONS

As you may be aware, 10-10 International holds an election every two years. In the year 2006 we will be electing the President, Secretary and four (4) members to the Board of Directors, whose terms will commence January 2007. This is a very important time for $10-10$ as an organization. We need members to realize that the organization does not run itself and the desire to have qualified members serve is paramount. Nominations must be sent to the Nomination committee prior to May 1, 2006. The Nominating Committee shall develop a slate of eligible candidates by June 1, 2006. The chairman of the committee will provide to each potential nominee information regarding eligibility and specify what information to send to the committee. Members selected by the Nominating

## ELECTION TI MELI NE

Call for Nominations will be printed in the January 2006 and April 2006 editions of the 10-10 NEWS.

- 1 May 2006 - Candidates must have names and bios to Nominating Committee.

1 Jun 2006 - Nominating Committee will develop slate of candidates and notify members who applied but were not selected

- 1 Jul 2006 - Deadline for Petitions for Nomination to Secretary

Ballots and all Candidate's bios to be printed in July 2006 edition of the 10-10 NEWS

## 1 Oct 2006 - "In Hand" Deadline for return of Ballots

1 Nov 2006 - Election Results posted on 10-10Web Site

1 Jan 2007 - New elected officers take office

Election results posted in January 2007 edition of the NEWS

Committee will be notified, in writing, by the chairman of the committee. Members not selected by the committee may petition for candidacy by having a petition signed by 50 full members and presented to the Secretary by July 1, 2006. A nomination information form is required and is available from the Nominations Committee Chairperson. Further questions concerning the election/nomination process may be addressed to Rob Ireland VE9KM Nominations Committee Chairman, 31 St. James Street, Sackville, NB, E4L 4L7 Canada or via e-mail to rireland@mta.ca.

Qualification for Nomination to be an Officer or Director of 10-10: In accord with the bylaws, no member of 10-10 may qualify for nomination to be an Officer or Director of 10-10 unless he or she has been a full member for more than four (4) years immediately preceding his/her Nomination and that he/she can show that their membership will remain current during the period of the office they are seeking. The Nominating Committee or petition for candidacy are the only methods to be used by members who wish to be nominated.

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

Petition for Candidacy: Members and nominees not selected by the nominating committee may petition for candidacy. Such petitions shall be signed by 50 full members and submitted to the Secretary by July 1, 2006.

Biographical Sketch: All candidates, whether selected by the Nominating Committee or by petition, must submit a biographical information form and biographical sketch. The Nominating Committee will use this information in the process of selecting a slate of candidates. Those who petition for nomination must submit a biographical information form to be provided by and returned to the Secretary. This biographical outline, not to exceed 200 words of narrative, shall be printed in the July 2006 issue of the 10-10 News.

Notification of Potential Nominees: Members selected by the Nominating Committee to be candidates shall be notified in writing by the chairman of the Nominating Committee. The chairman of the Nominating Committee shall also notify, in writing on or before June 1, 2006, members who are not selected by the nominating committee, and inform them of the proper method of placing their names in nomination by petition.

# 10-10 INTERNATIONAL NEWS Tidbits fromthe 10-10 Data Manager 

I receive many requests for lost or missing 10-10 numbers. Did you know that the $10-10$ database is online at my web site? ( www.lingerinc.com ) Besides showing the 10-10 number and call, it shows the current mailing address, email address (if known), membership status and previous calls. You can also find new 10-10 members for previous months and download WinIQ - a free computer program that provides a cross reference between calls and $10-10$ numbers If you find a record that requires updating, let me know and it will be done. Files are current as of the date listed but all are updated monthly.

The $10-10$ NEWS is available electronically either by downloading or by email attachment. You can download/view this and all previous issues starting from 1989 at my web by entering the $\log$ in and password provided above the mailing label on the last page of this issue. The $\log$ in and password change each quarter and is good until the last day of the quarter. I plan to continue to add and provide links eventually to all issues of the NEWS. If interested in receiving the 10-10 NEWS electronically in place of the mailed copy, please email me.

Dar W9HZC \#73090 the 10-10 webmaster and I are working to provide links from the $10-10$ web site to my site
for easier access.
Plans are already in the works for Dayton 2006. 10-10 will again be in booth 326 and host a Forum. Stop by and say hello.

The next 10-10 Board of Directors meeting will be in Omaha on Tuesday, June 6, 2006. If you know you maybe in Omaha, come join in and learn more about 10-10.

While on vacation this past October I had the opportunity to have lunch with the following group: top row Scotty WA6TQC \#71; Gary KA6GPC \#43555; bottom row: me Gerry WA6POZ \#21274; Gene KB6CMO \#73640 and Louise N6ELK \#36654. Camera shy was Bob N6OPR \#45715 - he was the photographer. Bob has a standing offer for a free lunch when visiting in his vicinity, North Orange County of California. To contact Bob his email address is rlfarrow @ catalina-inter.net. Steve N0WY 10-10 Editor and I would like to make the same offer to $10-10$ members traveling the Omaha area. Contact either Steve or I. Email and/or phone numbers can be found on page 2 of the NEWS. Maybe a page on the $10-10$ web listing area and contacts where traveling 10-10er's can meet the locals.


## Grace Dunlap K5MRU \# 218 SK

Grace Dunlap currently of Austin, Texas died on October 16, 2005 in Austin, Texas. She was 92. Grace was born at Boston, Massachusetts on July 13, 1913. She was the first of six children born to Charles and Eliza (Shenstone) Golder of Cambridge, Massachusetts. Grace attended schools at Cambridge. After graduating she attended Fisher Business College in Boston. While there she met George Dunlap who was attending MIT. Upon graduating George secured a position with the Panama Canal Company in the Electrical Division, and subsequently moved to the Canal Zone to assume his duties. Grace joined him and on July 11, 1936, Grace and George were married at Ancon, Canal Zone. George, the first of three children of Bailey Hague and Josephine (Cowie) Dunlap of La Feria, Texas, was born at Mercedes, Texas, on December 23, 1912. Three children were born to George and Grace Dunlap in the Canal Zone.

In 1957, after 22 years in the Panama Canal Zone, Grace and George moved to La Feria, Texas where George devoted his time to the family operated land and investment business, growing citrus crops and numerous civic activities. Some of their happiest times were spent at their ranch near Rand, Colorado.

Grace is well known in international amateur radio circles. She was very active operator and supporter of amateur radio for over 50 years under the call signs KZ5DG (Panama Canal Zone) and K5MRU (La Feria, Texas and Rand, Colorado.) She set up and maintained the radio communications system between the Panama Canal Zone Civil Defense system and the United States after World War II. Grace held many positions in the 10-10 International Net organization including Vice-President, Manager of Five-Land, Chapter Head of the Rio Grande Chapter and President of the 500 Club. She was the $10-10$ Net contest manager for many years.

Both George and Grace were active in various civic, social and religious organizations in the La Feria area, where they resided until moving to Austin, Texas in 2002. George and Grace were members of St. Alban's Episcopal Church of Harlingen, Texas.

Grace is survived by her sons David and Robert; four grandchildren, Laura, Glenn, James and George; and three great grandchildren, Bailey, Olivia and Marshall. She was preceded in death by George, her beloved husband of 69 years, her parents, her five brothers and sisters and a child Bailey Hague III.

Don Ruf KBOON \# 29849 SK
Ten-Ten International sadly announces the death of one of the most active members of the organization. Don Ruf (KB0ON) \# 29849 passed away on 8 Dec 2005. In addition to participating in almost all 10-10 activities,
 Don served as a conscience for the organization, challenging decisions and policy he felt was not in the best interest of the members. This is not always a popular thing to do however it is necessary in any organization and Don did it well. Among the many things that he did for 10-10 are the following:

1. Developed a data base program (DBTEN) used by many paper chasers.
2. Developed a data base program (MASTRVP) that kept track of VP numbers.
3. Developed a program (NETTIME) that kept track of chapter nets.
4. Served as a Net Control Station for the 10-10 daily net on Wednesdays on 28.800.
5. Served as Chapter Head and Certificate Manager for the Santa Fe Trail Chapter. This Chapter was among the most active in 10-10 with nearly 1500 members. Don operated a club station WD0SFT \# 37933.
6. Chaired a Committee called "10-10 VP Data Accuracy and Verification Committee".
7. Served on the Contest Committee.

Ten-Ten achievements by Don were:

Life Member \# 29849 VP \# 857
Bar Award \# 15 (10200 numbers worked)
WAS \# 418
WAC \# 74
Mobile Award \# 111 (309 mobiles worked)
Mobile WAS \# 5
OM/XYL Award \# 444 (125 teams worked)
County Award \# 40 (500 counties worked)
VP Award \# 2 (2300 VPs worked)

Jack Moore K5CC - 10-10 Director

## 10-10 INTERNATIONAL NEWS

## WI N1010 CONTEST LOG UPDATE

Are you using K4HAV'S WIN1010? Then here's something you need to know for contests! First! UPGRADE to version 2.8 or higher! Then follow these instructions to make an electronic log for your contest entry.
"Revised ASCII LOG routine to meet new Contest Rules requirements. The new ASCII file can be emailed to the Contest Manager saving time and postage. Existing windows and buttons were used for this routine and as time permits, the ASCII routine may be rewritten. For the existing routine, load the contest log, run the Contest Print Menu and just hit the ASCII button, fill in the Cover Page items and hit the Continue button, then fill in the default $\log$ items and hit the Make ASCII File button."

When you get that file, send it to tentencontest@alltel.net and your log will be received in a manner that will make it a lot faster for the contest manager to do his job, namely calculating and checking scores, and determining contest winners. Believe me - this beats handchecking logs!!!!!


Hi
I am getting back into 1010. its been a while but getting aerials organised again

I reside in two areas: Traralgon,which is located 1 hr 40 minute drive east of Melbourne and Rowville, which is located approx 20 kms east of the city of Melbourne.

Rowville celebrates its centenary this year so if anyone works me on any band during 2005 and 2006, I will qsl with a special commemorative card.


DL4BO Cliff 1966-1967


DL4BO I ngrid NOW

## WHERE WILL THE NEXT CONVENTION BE ???

With the closing of the 2005 Ten Ten International Net Convention in Mesa Arizona, Plans started in preparing for Convention 2007. The first order of business is to find a location which is suitable for all ten-ten membership to attend.

We are hoping to keep the room rates under a hundred dollars per night, an affordable banquet room and dinner, an affordable room for the chapter displays, Room for the board meeting, etc.

At this point, we need your help in securing a suitable location. We are looking for one or more chapters to help secure a place to hold the convention in 2007. If a group of ten ten members would like to volunteer to help in getting the ball rolling, we would welcome them with open arms.

Help from outside the proposed area is available to get convention preparation started.

If anyone would like to help secure a location for the convention, please contact Joe Williams, WA9TSG, at jwilliams34@wi.rr.com. He will give you all the details needed to proceed.

## NOMINATION COMMITTEE FORMED

Rob Ireland (Chair) VE9KM<br>Ruth Bartholomew N0KDB<br>Marcus Lieberman KM5EH Bob Farrow N6OPR

See page 6 of the NEWS for Nominations information.


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. 50: Notes on Horizontal Antenna Height

In the last issue, we looked at the simple $1 / 4-\lambda$ vertical monopole. In the course of our examination, we paid close attention to the effects of height on the pattern of the antenna. We discovered that if we chose a height too great, we could send our signals into space rather than into the skip layers that give us long-distance 10 -meter communications. Although we have touched upon the subject in the past, we should give equally close attention to the height of horizontal antennas.

One advantage that all single layer horizontal antennas share is that their behavior is very regular as we change heights. By a "single-layer" antenna, I mean a single dipole, a single Yagi, etc. The situation does change a bit when we stack horizontal antennas. But most of us are limited to single layer antennas, and that is our proper starting point.

As we raise the height of a horizontal antenna, 2 things happen. First, the lowest elevation lobe gets lower and lower. That is an advantage, because on 10 meters, most of the DX skip occurs at angles from about $5^{\circ}$ to $10^{\circ}$ or so above the horizon. The second phenomenon is that when we raise the antenna, more and more elevation lobes develop. Fig. 1 shows the situation of a dipole at $0.5-\lambda$ intervals up through a $2-\lambda$ height.

For each half-wavelength step, we find a new lobe. These lobes do not simply pop up, but develop. They first appear as a bulge straight up and then gradually split as we increase the height until they take their place in the set of lobes--with a new top bulge. Since we only have $90^{\circ}$ of angular room for the lobes, every new lobe results on a lower angle for existing lobes, and each of them gets a bit thinner.

Note that each elevation plot is labeled in terms of the height measured as a fraction of a wavelength. A wavelength at 10 meters is about $35^{\prime}$, at 15 meters 44 ', and at 20 meters 70'. So if you use a tri-bander at $70^{\prime}$, then your 20 -meter lobes will look like the $1-\lambda$ picture, on 15 like the $1.5-\lambda$ picture, and on 10 meters like the $2-\lambda$ picture. In fact, we should run the same plotting exercise with a 3 -element Yagi just for comparison. See Fig. 2.

Note that in the forward direction, we find the same number of lobes at each height as for a dipole. At the lowest height, the Yagi main lobe is slightly lower than for the dipole as a function of the Yagi's added forward gain. But that advantage quickly fades as we raise the antenna higher. In addition, the rearward lobes of a Yagi tend to show some erratic properties, but so long as the front-toback ratio is high--as it is in this design--the oddities create no problems. A 2 element Yagi, with lesser front-to-back ratio will show stronger rearward lobes with more standard differences in strength. The 3 -element Yagi shown in the plot has a gain advantage over the dipole about 5.8 dB , although that advantage varies with height--assuming one of each type of antenna at the same height for comparison.

How high should I place my antenna? For maximum DX, place it as high as is feasible. I have heard arguments to the effect that a half wavelength is the optimal height, because we have only a single forward elevation lobe. Unfortunately, that argument fails to account for two facts. As we raise the antenna, the gain of the lowest lobe increases. The $2-\lambda$ dipole is about a half- dB stronger than the $1 / 2-\lambda$ dipole. The $2-\lambda$ Yagi is about $1.5-\mathrm{dB}$ stronger than the $1 / 2-\lambda$ version. The second fact returns us to the primary skip angles on 10 meters, which are very low for the longest DX (most of the time). With a height of 1.5-2 $\lambda$, the Yagi main lobe angles fall well into the prime skip angles. Those same angles receive about half of the available power when the Yagi is only $0.5 \lambda$ up. If a half wavelength is all you can manage, you will still do well, especially in strong sunspot periods. But greater height will bring even better results.

These principles apply to what I have called the singlebay or single-layer horizontal antenna. The class of antennas includes single dipoles, Yagis, and flattop horizontal phased arrays, such as the ZL-Special or the 8JK. We can modify the lobe elevation structure by using horizontal antennas that are stacked vertically and phase fed. Many such arrays are possible, but here we can bring back an old favorite of mine just to illustrate how the elevation lobes change with stacking. The array is the expanded lazy-H. As shown at the top of Fig. 3, we run two extended double Zepp center-fed wires, each 44' or about $1.25 \lambda$ long. We place them one above the other, using a $5 / 8 \lambda$ spacing or $22^{\prime}$. Using parallel feeders, we run lines

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from each wire to a mid-point between them. At this junction, we run a parallel feeder back to the shack to a balanced antenna tuner. The antenna is usable on 40-10 meters with bi-directional narrow-beam high-gain patterns. The exact gain is a function of the overall antenna height, but with the base at 44 ' (about $1.25 \lambda$ ) and the top is at 66 ', the gain is somewhat over 15 dBi --greater than the gain of the 3 -element Yagi.

The lower portion of Fig. 3 answers 2 questions at the same time. 1. Where does all the gain come from? 2. Where did all the Yagi and dipole upper angle lobes go to? (These questions will also give some work to the preposition police.) When we place horizontal antennas at a vertical spacing of $1 / 2 \lambda$, most of the upward energy cancels out and re-appears at lower angles. In the present configuration, the spacing is about $5 / 8 \lambda$, which does not cancel all of the vertical energy, but does yield the highest gain in the lowest lobe. Note that compared to the dipole and the Yagi, even the extended lazy-H second elevation lobe is small, releasing more energy for use in the lowest lobe.

The actual mechanics of lobe formation is a matter of complex interactions of direct radiation and reflections from the ground at a distance from the antenna. My brief description above has a few terms that will not withstand mathematical treatment. However, we have a basic fact: an antenna will radiate all of the energy fed to it. If it does not
go up at high angles, then it must go elsewhere. Since the linear nature of horizontal elements prevents the radiation going to the sides (in a well-designed array), then the energy must go into the main lobe or lobes. As a general rule, the higher the gain of an array, the narrower also that the beamwidth becomes. So if you plan to use a wire extended lazy-H, aim it well so that your gain goes in useful directions.

However, our main theme this time is not beamwidth in the horizontal plane, but the elevation lobes that form the pattern of any horizontal antenna. The higher the horizontal antenna, the lower will be the lowest and strongest lobe. Hence, DXers try for the highest antenna position feasible. The higher we place the horizontal antenna, the more elevation lobes that form. Stacking antennas by the right spacing can increase gain in the lowest lobes and reduce relatively useless very high angle radiation.

Finally, note that I always qualify my recommendation for height with the words "as feasible." There are questions of cost, maintenance, regulations, and simple family comfort that form part of our decision on how high to place an antenna. Higher is better, but only if you can handle it. My tower is only 35' tall, but my hill is nearly 100' above surrounding terrain. Mother nature has saved me a bundle of money and worry.



Sample of an Array that Modifies Horizontal Wire Lobe Structures

CHAPIIER COORDINATORS CO $\mathrm{CHIO} \mathcal{C}$

by Cliff Taylor K5FBS \#48461

## General Comments:

As you well know, conditions still continue to be terrible. Most nets are logging only locals, but most are still meeting in order to fulfill 10-10 objectives. I have to commend all the net controllers for their devout patience on keeping on "keeping on."

If you are planning a special for your chapter for any period during the months of April through
July 2006 , 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. We can also decide upon a seal name is one is needed. (This is primarily for those without email capability.)

K5CC and I are checking the "Chapter Links" section on the 10-10 website every couple of months to keep it up to date. If the hyperlink to your chapter has changed, please let either Jack or me know, so that we can get it changed on the $10-10$ website. I also check the URL line on the quarterly report, so please include your hyperlink there.

If you maintain the records for your chapter, please have them maintained in such a way that they can be passed on should something happen. An offer was made to pick up one of the chapters that was recently QRTed, but, as the records were not available, this was impossible.

If you are not cognizant of the fact, the Amateur Radio, Cast Iron Towers, City of Melbourne, Cypress, Dick Bass Memorial, Great Lakes, King Arthur's Court, Lake Geneva, Peach State, Pine State, Samuel Clemens, and Twenty-Eight Chapters are no longer affiliated chapters. Some have been dropped by the CH or CM for lack of interest and some by SK of the reporting official. On the other hand the North Georgia Chapter has been re-affiliated. The White House Chapter continues to be carried as "Inactive." If you want to get a reading on currently active chapters and the seals which are collectible or in use on worksheets, go to WIN1010DL and scroll down to the CHAPNAME and SEALNAME lists.

If you are the person in your chapter who is responsible for the quarterly report and/or the person who communicates with the Chapter Manager, please inform me immediately of a change in your email address.

Quarterly Reports Due - Dates Listed are Due Dates: (September 2005) Gold City; (November 2005) All American City; Concho Valley; Edmonton Area 10-10ers/ City of Champions; (January 2006) Branding Iron I; Branding Iron II; Laurel Mancunium/ Roman Invasion/ Emperors/Millenium VIP; Trail Driver; (March 2006) 10-Bar X,; Channel Islands; Crazy Eights; Golden Bear; Keystone/ Keystone Stars; Maine-Iacs; Michigan Robins; Portland 500; (April 2006) Castle Craig; Lonestar; Mo-Kan Tenners

Chapter News: (Note: Many of the chapter happenings that were reported on in the October issue of the NEWS are still pertinent.) Alii: If you haven't done the "word find" which began in September, just drop a snail mail message with an SASE to NH6SJ for a copy. When you finish it and send it in, be sure to ask for another.
Cradle of the Confederacy: A Special Event will run during the period 0001 February 17 to 2359 February
23 2006. Special event is the inauguration of Jefferson Davis as President of the Confederacy. For a special event QSL card, send your card, with QSO information, and SASE to N4SOJ, J. J. Bednarz Sr., 450 Pike Rd, Pike Rd, AL 36064-2246.
Fort McHenry/Cornerstone: During the month of January, collect Fort McHenry Patriot numbers for 1 (one) point each and Cornerstone Cannon numbers for 5 (five) points each. Send to CM, K3TUJ, before February 28, 2006.
GB Ten: The second round of "How well do you know Britain" is January's Special. Also the Summer Special will be based around the World Cup Football games in Germany. Normal rules will apply with points added into the pool from early next year. Just upgrade to add a percentage of new points into the pool.
Major League Baseball: MLB 2006 World Series (WS06) Special begins 1 January and ends 31 January unless propagation is poor. Use all suffix letters of a member's call but use only once Only data to submit is call and MLB \#. Spell out: CHICAGO WHITE SOX WIN THE WORLD SERIES. Submit worksheets by February 15. Completed worksheets earns 200 points and WS06 seal. Uncompleted worksheets earn 5 (five) points per contact. WS06 seals will be collectible at 10 points each thru December 31, 2007. Not worksheet related but work OM/XYL bat boy/girl (B/G) for 50 point bonus.
New Waterkant: The next meeting of the New Waterkant Chapter will be during the DSW (award hunters at the Waterkant coast region) meeting on Saturday 13 May 2006, 1100 local. There will also be a parking lot net. We will give out a new seal: the NWK (that means New Waterkant) seal, worth 10 on air pts and collectible like the other chapter seals. This seal will be given out at official DSW-meetings only. 10-10 stations which attend there for the first time and take part at the parking lot net and our chapter meeting (which is part of the weekend program), receive the DSW seal, the ones who take part and already hold the DSW seal will get the new NWK seal. This seal will be the last seal we give out at DSW-meetings. At the next meetings we'll give out activity points. Info about the DSW-meeting (12.-14. May 06) via DL4BO ingrid.weckmann@gmx.de, info about the NWKmeeting via dk7la@t-online.de
North Georgia: As noted in "General Comments," the chapter has been reaffiliated. Net date and time can be found on the "Chapter Net Guide." Website is: www.w4gkf.com/10x (look there for information on the New South Award.)
Palmetto: The chapter instituted a certificate program to begin on 1 November 2005. For details regarding this program, email to CM, NJ4F, at davefuseler@ netzero.net.
Peshtigo Fire: The new website is at: webpages.charter.net/ke9ma (no www at the beginning). All

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requirements and worksheets are in color. The CM requests that you please use the forms that are on the web site rather than try to use your own.
Springbok: A special will begin on 1 January and will be on the order of the "cage and animal" special that was run some years back. Complete information from the CM, KC4RHW at kc4rhw@comcast.net.
Steamboat Plus (Red River Valley): Beginning 1 January 2006, we will start a digital contact and award program. The details are on the Steamboat home page. This program is designed to encourage the use of the digital modes.
Steel City: In February Steel City will have a Q \& A work sheet about Abe Lincoln. In April, we will do the Dow Jones closing (Whatever the market is up on Friday will be the check in points. In the event the market is down normal check in points will be given).

Chapters that Accept Upgrades Via Email (as of 1 September 2005)

All of the listed chapters generally need previous, new, and total points and seals claimed. Any transaction with the CM that requires that a certificate be issued, and most worksheet specials, should still be handled via US Mail. Also to be on the safe side, a detailed listing of the upgrade should be kept in the event that the CM should require verification. Requirements peculiar to a particular chapter are noted below.
Alii - CM WH6S, wh6s@ verizon.net or wh6s@hotmail.com. 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 K6RDK (All except for Bay of Bridges),
k6rdk@smm.com - CM AC6FU, Jack_Ruckman@msn.com (Bay of Bridges)
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@msn.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 K3TUJ, k3tuj@juno.com
GB Ten - CM G4KHF, gbten@ globalnet.co.uk

Gold City - CM N4WAB, gcn4wab@alltel.net, Use on-line upgrade at website - Until further notice send upgrades to N4BBQ, wpheaton@mac.com
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 N6OPR, rlfarrow@catalinainter.net or n6opr@msn.com
Millennium VIP: CM G4PDR, g4pdr@fsmail.net
Minuteman \& Old Ironsides - CM WA1ENO, waleno@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 - (Please hold off on upgrading until further notice)
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, ray.moyer@sbcglobal.net Restoration Project \& Feline Friends - CM VE7ACM, sparks3500@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 Lighthorse 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, Elmendorf, TX 781126034.

## 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.


The fall DX contest season is well under way with several CQ and ARRL contest already past. The Ten meter contest is the most popular contest that the ARRL has scheduled. The popularity of this event has been true for many years and many of our 10-10 members get on the air for this event each year. Since propagation is poor, this factor will make for a bigger challenge to find the states and DX countries. The DX countries count just as much as a state for this contest but the DX is harder to work since that requires more skips of your signal than working another state if you are in the US. You get four points for working CW and two points for a SSB contact but you can talk to the same station on both modes for credit.

The ARRL Ten meter contest ended today and conditions were not as good as last year for finding the DX. My friend Chuck W5PR \#7412, has been an SSB single operator with no packet help, using his antennas at 140 feet and he has placed high in his category in several contests. This year Chuck worked the same number of contacts as in 2004 but he only found ninety-two states and countries. Last year, he worked twenty more countries, so poor propagation adversely affected the country count but he only missed three states: Hawaii, Alaska and Utah. He did not work Asia and found only four countries from Africa. His most fun time was talking to Europe over a north pole path which happened on Sunday when he worked a dozen contacts in Europe. Chuck contacted a total of 1618 stations but two years ago, he worked 1200 more stations and twenty-nine more states/countries. I expect we will have one more bad ten meter contest as the bottom of the cycle is next year!

I enjoyed working the Ten meter contest as I found almost five hundred contacts and one hundred fourteen states and countries working both CW and SSB. Compared to last year the states and countries were the same but I made more contacts for a higher score. Swapped 10-10 numbers with about a hundred 1010 members during the contest. Ten of them were DX members. It is always great to reunite an old member with their lost 10-10 number which happened several times during the contest.

The US Postal Service will increase the cost of postage for all mail service on January 8, 2006. You need to add two cents extra postage on your SASE when you send for a stateside QSL card. International airmail will cost four cents more for a one ounce letter. Be Aware: The old style airmail International Reply Coupons (IRC's) will soon not be exchangeable for an airmail stamp. Therefore, you want to turn them in for postage as soon as possible.

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

The Sunday 10-10 DX Net on 28555 at 1400 UTC resumed in November and will end in February 2006 when we loose propagation into Europe.

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

3A Monaco. Pete N0FW \#30703 and friends Jay K4ZLE and Mike N9NS arrived in Monaco on December 1st. They will be there through the ARRL Ten Meter contest until December 13th. They are using $3 \mathrm{~A} /$ homecall. Pete was on 40 CW this week. This is a rare one for $10-10$ so any reports would be appreciated. QSL all viaW8QID. The logs will be on-line at: http://www.wb8xx.com/3a .

3B9 Rodriguez Island. Robert 3B9FR \#61550, has been active using PSK around 1330 to 1430 z.

4S Sri Lanka. Mario 4S7BRG/HB9BRM \#30935 and Joel 4S7PAG/F5PAC, were expected to operate SSB from Barberyn Island for two days on December 2-4th. Website: http://www.qsl.net/f5pac/4s7.

7X Algeria. Slavek OK1TN \#52722, was in Algeria from November 20- 30th. He planned to be part of a group operating as 7X0RY during the CQ contest.

A6 United Arab Emirates. Don N1DG \#27629, took another trip to Dubai, United Arab Emirates in November. Don was expected to make some equipment repairs for his friend Saeed A61AD \#42084 and then he was expected to be on the air around November 12th for a week.

C6 Bahamas. Mark N7MQ/C6A \#59236, was active mainly on CW from December 4-11th.

EL Liberia. David Howard K5QWO \#74072, has left Iraq about the first of October and is now in Monrovia, Liberia. He has applied for a EL callsign. His callsign in Iraq was YI9QWO. Length of stay unknown.

GM Scotland. Leo W3LEO \#48035, was once again active as MMOLEO from southwest Scotland from October 17-21st, including the CQ contest.

IR Italy. October 29-30th, IR8C. Only one operator Pazio IK8WEJ \#70103, was a 10-10 member. QSL via IZ8EDJ.Website: http://www.strangeradioteam.com.

KH2 Guam Island. The Guam Contest Club was on the air as AH2R during the CQ contests. The only 10-10 member was Aki JI3ERV/NH2C \#39995.

K7C Kure Island. A large group of operators sailed from Honolulu to Kure Island on September 15th and arrive about the 23rd. They spent two weeks on the atoll and then return to Honolulu. Ann WA1S \#48144 and Arnie N6HC \#29959 were the only members in the group. Website: http://www.cordell.org/htdocs/KURE/ .

TF Iceland. Rich TF/N0HJZ \#41614, was on the air from October 26-30th. QSL via N0HJZ.

TI Costa Rica. Don N6JRL \#65669 and Todd KD4YHY \#65670, using callsign TI5N, were the only 10-10 members in a group from Costa Rica in October.

TZ Mali. Ned AA7A \#11185, planned to be active as TZ5A
in the CQ contest between November 25-29th.
UJ Uzbekistan. Karl K4YT \#37347, was active as UK4YT from Tashkent in October. He was on during the weekends, his afternoons and evenings. QSL to home call.

V7 Marshall Islands. Randy N5LE \#61346, will be active using the club callsign V73AX from Kwajalein Island, for two years. QSL via operator's instructions.

VP2E Anguilla. Bill W4WX \#62600, used the callsign VP2EWX from October 25th to November 1st. He was active on all bands and in the CQ contest with friends.

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

3D Rotuma. William N7OU \#69318, and Bob W7YAQ plan to be on Rotuma Island during the DX contest in March 2006. They have made arrangements to be on the island from March 110th. Bob, says, "This will be a lightweight operation, two 100watt rigs, an HF6V and R5 vertical. We are avid contesters, so we expect to be on during the ARRL DX SSB contest." But before the contest, they will be on South Cook Islands, February 16-24th, for the ARRL DX CW contest. Look for them mostly CW, with some SSB.

3Y Peter Island. Andy UA3AB \#23433, Gerard F2JD \#63443, Ralph K0IR \#2609, Gary K9SG \#62951, Wayne KU4V \#26256, George (team chef) N4GRN \#73941,Don N6JRL \#65669, Gary (team physician) K9SG \#62951, will be the 10-10 members of this DXpedition scheduled to arrive on February 6, 2006 for a 16 day stay. QSL to Bob N2OO \#12732. They plan daily updates from the island with photographs and maybe videos of what they are experiencing, a first. Website: http://www.peterone.com .

5H Tanzania. Jean-Paul F8BJI \#71704, sent me an email talking about an upcoming DXpedition to Zanzibar Tanzania. Dates January 24th to February 2nd using callsign 5H1C on all bands and modes. Website: http://5h1c.free.fr/.

9M2 West Malaysia. Rich PA0RRS \#24343, will be active from Penang Island from December 28th to March 8, 2006. He will operate as 9M2/PA0RRS, until he can get an official 9M2 callsign. A trip to Langkawi Island may be possible. QSL via home call or direct to Richard Smeets, Schoorveken 100, 5121 NM Rijen, The Netherlands.

CEOZ Juan Fernandez Island. Some of the DXpedition operators going to Peter Island in February 2006, will first stop at Juan Fernandez Island between January 20-26th. The only 10-10 member may be Gerard F2JD \#63443 so watch for more news. No callsign as yet so good luck on a rare one.

FR/G, Glorioso Island. Dany F5CW \#49137 is still hoping to make a trip to Glorioso in early 2006. The 10-10 members in the group: Dany and Chris TZ6SA \#45817, will be activating a new 10-10 Country if they are able to make it happen! Website: http://glorieuses2005.free.fr.

KG4 Guantanamo Bay. Bill W4WX \#62600, will be on the air between January 21-31st using callsign KG4WX. He made the same trip last year at the same time in January.

KH3 Johnson Island and South Pacific. Susan W7KFI \#72973, has again set sail in the Pacific for her next stop at Johnston Island. She will then move to the Marshall Islands (V7)
for a few months, then to Tarawa (T30), Saipan (KH0), Guadalcanal (H44) and then the North Cooks (ZK1). Susan will operate as much as possible from each island. All QSLs go to K6FAF.

## Miscellaneous items:

3C2MV Eq. Guinea. Vitaly VE6JO/SK \#35994, asked Gerry VE6LB \#24329, to take over as QSL manager for his 3C2MV operation just before Vitaly died in October. Most direct cards are up to date, but no bureau cards have yet been processed. NOTE: Do not let this card get lost in your QSL chores, as this is a very rare $10-10$ country card!

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 .
Propagation: The average daily solar flux numbers for the months September 2004 through November 2005 were 103, 106, 113.7, 95, 102.3, 97.2, 89.9, 85.9, 99.5, 93.7, 96.5, 92.4, 91.9, 76.6 and 86.3. Solar Cycle 23 will end in December 2006. There are a few openings, and they are getting harder to find. I expect the daily solar flux will range from 65-95 and the average solar flux will stay below 91 until Solar Cycle 24 begins in January 2007.

Cycle 23 is ten years old. The flux will remain in its lowest range resulting in fewer DX openings. On December 11th, the solar flux was 93 the $A$ index 17 and $K$ index 2 which is the same as three months ago. Weak signals out of Europe have been scarce even thought we are in the peak of our DX season here in the USA.

Expect the best conditions on December 7-8th \& 28-30th, January 24-26th, February 20-22nd, March 19-21st. Starting in January 2006, USA stations, expect a $10-15 \%$ chance of DX to Asia, Europe or Africa and a $25 \%$ chance of working into South America or Pacific in the afternoon. The beacons from 28.17528.300 (especially $\mathbf{2 8 . 2 0 0}$ ) will tell you what parts of the world are open.

## New DX members September to November 2005:

September: 74307 VE3OHK, 74308 DK2CR, 74309 JG0IPW, 74310 DM5C; October: 74311 VA3AG; November: 74312 DP1I, 74313 DH8BAT.

Countries Award: There are now a total of 613 basic certificates. I issued 2 upgrades this past quarter. Send me an email and I can send you a list of your country credits.

Thanks to the DXNL, The Daily DX by W3UR \#25731, QRZDX, 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

## 10-10 INTERNATIONAL NEWS

LIST OF 10-10 PSK 31 OPERATORS

The mode known as PSK31 has become extremely popular. Director Cliff Taylor K5FBS \#48461 has been accumulating a list of all $10-10$ members that have identified themselves as operating PSK on 10 meters. Below is that list through December 12, 2006.

If you are interested in PSK operations (it really IS fun and easy) then you need to look back in the April 2003 issue of the 10-10 NEWS starting on page 16 . More help can also be found on the web at www.psk31.com

| 4X6U0 | ARI | 45820 | Israel | K4HPP | JIM | 13222 | TN | KB3SM | BOB | 16714 | PA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AA2ZH | FRED | 68055 | KY | K4LEF | RON | 13502 | GA | KB4WL | GEORGE | 13257 | FL |
| AA4IX | WERNER | 39484 | SC | K4MM | TOM | 7293 | FL | KB5GA | RAY | 17218 | LA |
| AA5AU | DON | 35162 | LA | K40Z | HAROLD | 42550 | SC | KB5XG | LEN | 27503 | OK |
| AA7FK | BOB | 53104 | OR | K4OZX | CHARLES | 3392 | TN | KB7KZH | J ERRY | 56720 | OR |
| AA8XX | TOM | 4568 | MI | K4RKQ | ANDY | 68628 | VA | KB9CDM | JOHN | 57360 | IN |
| AC4RZ | DAVE | 49047 | SC | K4UEK | STAN | 51444 | VA | KB9NZX | BOB | 68570 | IN |
| AC4ZH | DUANE | 61808 | KY | K4ZDT | BILL | 1131 | SC | KB9SWI | DON | 70642 | IL |
| AC5UG | GENE | 4337 | AR | K5CC | JACK | 50708 | TX | KB9VRZ | BILL | 71362 | IN |
| AC6N | CLAUDE | 9653 | NV | K5DRC | DAVE | 9151 | AR | KCOCMZ | RICHARD | 70882 | CO |
| AC7GP | BOB | 68357 | WA | K5FBS | CLIFF | 48461 | TX | KC1DI | DAVE | 10026 | ME |
| AD4RX | ROGER | 67754 | FL | K5MSW | BILL | 53133 | NM | KC4RHW | JIM | 57051 | TN |
| AD8M | KEN | 71912 | MI | K5SP | JIM | 72243 | TX | KC4WSB | JON | 59772 | VA |
| AF1Z | MARK | 17831 | FL | K6ASK | BOB | 50969 | CA | KC5GNB | BILL | 67018 | TX |
| AI9T | STEVE | 22306 | IL | K6BDK | FRANK | 27154 | CA | KC6T | BILL | 10949 | CA |
| AKOA | BILL | 13996 | KS | K6QG | LYLE | 67362 | CA | KC7DH | CHUCK | 52099 | OR |
| AK8D | WAYNE | 40308 | OH | K6SRK | JIM | 15841 | CA | KC700 | DON | 30636 | WA |
| CX2AQ | RON | 15385 | Uruguay | K6UGS | VERN | 12333 | OR | KC7YDB | DON | 72250 | NV |
| DH2IW | WOLFGANG | 71005 | Germany | K6VIB | BOB | 10421 | CA | KD10 | STEVE | 63969 | ME |
| F2YT | PAUL | 22871 | France | K70AH | SKIP | 71628 | AZ | KD1RM | J ERRY | 61697 | RI |
| F5DTK | CLAUDE | 64657 | France | K7POS | FLOYD | 12767 | OR | KD5BZC | CLUB | 42114 | LA |
| F5KBA | JEAN | 71710 | France | K7PRZ | DAVE | 47633 | WA | KD5DE | MEL | 33513 | LA |
| F5MVT | JOSY | 47466 | France | K7QXG | BOB | 5956 | OR | KD5HIP | JOHN | 71476 | NM |
|  | (XYL F2YT) |  |  | K7RSB | ROSS | 31511 | AZ | KD7RX | JERRY | 38532 | WY |
| F5PSI | GABY | 42083 | France | K8AB | DICK | 9350 | OH | KD7T | FRED | 23612 | WA |
| F6FLB | PIERRE | 22896 | France | K8BE | GARY | 69734 | OH | KD7UZ | GARY | 13825 | OR |
| F6IRG | BRUNO | 39399 | France |  | (OM of N8 |  |  | KEOUY | JIM | 20093 | MO |
| FM/F2JD | GERARD | 63443 | Martinique | K8EJ U | LARRY | 40369 | OH | KE1AF | ABEL | 63923 | RI |
| G3PGA | MIKE | 58922 | England | K8UT | LARRY | 2582 | MI | KE1C | PAT | 37166 | CT |
| G40JH | ANDY | 51550 | England | N8XLS | DENNY | 64863 | OH | KE4ATN | CARL | 65142 | FL |
| G4TGK | JOHN | 38334 | England | K8YS | BOB | 42786 | OH | KE4MVK | ROBERT | 66659 | FL |
| G4ZYY | GEOFF | 39954 | England | K9AEG | DENNY | 11359 | WI | KE6RVA | RICHARD | 70785 | CA |
| GI4SNA | DAVID | 61543 | N Ireland | K9ATI | CLUB | 59655 | IL | KE9WZ | WALLY | 49610 | IL |
| GW40J H | ANDY | 51550 | England | K9BH | JOE | 3795 | IN | KF3BP | JOE | 66529 | PA |
| HP1AC | CAM | 10107 | Panama | K90B | J EFF | 69071 | IL | KF4MK | STEVE | 67676 | GA |
| IKOOER | STEFANO | 62293 | Italy | K9SK | DALE | 8000 | WI | KF40NH | PAUL | 69667 | FL |
| JIIANI | KIT | 25570 | J apan | K9TD | ALAN | 66410 | IN | KF6J OQ | LARRY | 71297 | CA |
| KOCIE | KARL | 70266 | OK | KA1KE | FRED | 23936 | CT | KF6YAN | MARK | 70873 | CA |
| KOCIY | BILL | 71900 | KS | KA1KOJ | KEVIN | 72759 | CT | KF8F | LOREN | 71446 | OH |
| K00TU | LARRY | 15976 | MO | KA5CQ | CAMILLE | 26610 | LA | KG7EZ | CHRIS | 7974 | ID |
| KOVH | DAVE | 5383 | MN | KA6VZL | GEORGE | 46310 | TX | KG7FU | JAMES | 48542 | OR |
| K1HC | DICK | 12063 | MA | KA6TZP | DENNIS | 55322 | CA | KG8JF | CHRIS | 65929 | OH |
| K1TXU | SKIP | 50086 | CO | KA7HTC | CONRAD | 47653 | MT | KH6F | GEMI | 37649 | HI |
| K2IBH | IVAN | 71160 | NJ | KA7LOZ | DEE | 43784 | NV | KI7AY | JIM | 59554 | OR |
| K2IY | VIC | 1112 | NY |  | (XYL of W | VP) |  | KI8FB | KEVIN | 70466 | OH |
| K2QJ | BOB | 40597 | NJ | KA9JAC | BOB | 71511 | WI | KK7UU | RON | 10934 | OR |
| K2ZB | DICK | 40560 | NJ | KB0LCO | LARRY | 63841 | MO | KM4AB | PAUL | 15558 | NC |
| K3HED | GEORGE | 825 | PA | KBOPGI | DOUG | 66836 | KS | KM5IF | WAYNE | 67813 | TX |
| K3KYT | LYNN | 16679 | PA | KB00GA | CURTIS | 66846 | MO | KM5IH | LARRY | 67652 | TX |
| K3NVI | DENNIS | 37476 | PA | KB3DHE | RICK | 71451 | PA | KN71 | BOB | 69659 | OR |
| K4DPC | STAN | 49036 | NC | KB3MOW | DAVE | 72442 | PA | KT4BW | PETE | 68274 | TN |

## 10-10 INTERNATIONAL NEWS

| KV4DT | WILLIAM | 70064 | TN | NG3K | BILL | 53411 | MD | W7RH | JERRY | 2885 | ID |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| KY7W | STEVE | 67955 | AZ | NG9Y | BILL | 60225 | IN | W7WT | DICK | 3496 | WA |
| KZ8J | JIM | 70394 | wv | NH6SJ | SAM | 51801 | HI | W8CE | AARON | 55473 | OH |
| LU1BJ W | HORACIO | 39329 | Argentina | NIOA | JOHN | 34960 | MN | W8HL | LEE | 56609 | MI |
| LU5VV | JORGE | 70611 | Argentina | NJ 2DX | TOM | 52519 | NJ | W80TY | JOHN | 28556 | OH |
| NOAIE | EVERETT | 15967 | IA | NN1] | AL | 41728 | ME | W8WGR | GARY | 137 | OH |
| NOEOP | DAVE | 31033 | CO | NR3Y | DARRELL | 36118 | CA | W9BLI | JAKE | 31111 | WI |
| NOIBT | DAVE | 42672 | CO | NS5R | ROD | 36388 | TX | W9CZA | Benny | 62970 | IL |
| NOQFV | MIKE | 7068 | WA | V31DE | DEREK | 64606 | Belize | W9FIF | BOB | 65376 | IL |
| NOUR | JIM | 3622 | MN | VE2FT | GILLES | 31879 | Quebec | W9GM | KEN | 31195 | WI |
| Nowy | STEVE | 68684 | NE | VE30Z | SEAN | 71803 | Ontario | W9HWQ | duANE | 14852 | WI |
| NOTW | TERRY | 36547 | OH | VK2APG | GERRY | 69955 | Australia | W9HZC | DAR | 73090 | NE |
| NOYKN | bRIAN | 71031 | мо | VK2FHN | PHIL | 69601 | Australia | W9T0E | BOB | 58646 | IL |
| N1IUA | LINDEN | 60122 | OR | VK4AI | REG | 30268 | Australia | WAICWG | KEN | 65416 | KY |
| N1KNH | JEFF | 61675 | ME | VK4NIE | JOHN | 34217 | Australia | WA1EBJ | DICK | 20497 | MA |
| N1PEA | ED | 67193 | VT | VK6PP | TONY | 38922 | Australia | WA1EHK | MAY | 61619 | CT |
| N1STE | BOB | 65471 | MA | WOMBD | JACK | 6639 | MN | WAIVOA | PAUL | 13725 | CT |
| N2EOC | CHUCK | 37549 | NJ | WORSR | MIKE | 27048 | CO | WA2DUE | DON | 59479 | NJ |
| N20DU | DAVE | 69170 | NY | W1ALS | ADOLPH | 25452 | ME | WA2NTK | RALPH | 70193 | NY |
| N2TIF | PAUL | 71993 | NY | W1QMT | JIM | 33925 | MA | WA2OIZ | IVAN | 21511 | FL |
| N2XYZ | JOE | 72080 | NJ | W1RCA | ROGER | 5824 | MA | WA3IFY | JAY | 35543 | PA |
| N3J WJ | DARRELL | 64509 | MI | W1RFL | TOM | 33900 | CT | WA3UYI | ERIC | 72150 | PA |
| N3MVX | JIM | 61985 | PA | W1SQL | JOE | 71965 | CT | WA4EEZ | LESLIE | 15675 | FL |
| N3TUZ | JOHN | 65298 | PA | W1WQJ | DICK | 6306 | NH | WA4PNI | EVAN | 13209 | TN |
| N3YMX | RON | 70162 | PA | W2BOC | BOB | 71096 | NJ | WA4PNI | EVAN | 13209 | TN |
| N4BBQ | PHIL | 66137 | GA | W2VTV | JOHN | 71275 | NJ | WA4TC | TED | 61819 | NC |
| N4DXR | BILL | 71659 | VA | W3DF | DAN | 7910 | MD | WA5UBN | MEL | 10318 | OK |
| N4LRA | BILL | 47380 | VA | W3FQE | LEE | 24552 | MD | WA6IOO | JACK | 37641 | CA |
| N4OKG | AL | 40765 | AL | W3MRX | HOWARD | 39577 | MD | WA60VP | TOM | 21267 | NV |
| N4WD | BRUCE | 1758 | GA | W3WJ | BILL | 29322 | PA | (OM of KA7LOZ) |  |  |  |
| N5Al | JOHN | 3070 | TX | W4ADI | RICK | 70779 | VA | WA6UVW | DON | 71471 | CA |
| N5DAS | RAY | 35877 | TX | W4AZR | MIKE | 4229 | FL | WATHYD | BOB | 72769 | WA |
| N5DWW | BOB | 25812 | TX | W4EEU | ART | 59712 | VA | WA7NRP | MIKE | 7392 | ID |
| N5FM | FRANK | 11733 | OK | W4GTM | Karen | 66628 | VA | WA8IEK | PECK | 6461 | OH |
| N5KAY | KAY | 39499 | TX | W4KOE | JOHN | 41806 | VA | WA9LJK | JIM | 70789 | WI |
| N5PU | LEON | 20414 | MS | W4SKW | RUSS | 68872 | NC | WBODML | JIM | 33043 | MN |
| N5QYC | JOE | 55859 | AR | W4MIX | HERB | 42530 | FL | WBOKGN | DAVE | 40640 | MN |
| N5SAN | FRANK | 58403 | AR | W4WEB | DICK | 36237 | FL | WB1HAM | BILL | 23961 | CT |
| N5YQC | JOE | 55859 | AR | W4YCZ | JACK | 41106 | VA | WB2YAF | LeE | 69496 | NY |
| N6FF | DICK | 24616 | CA | W4ZWY | MAC | 17699 | FL | WB40FN | RUSSELL | 59799 | VA |
| N7IVM | BEN | 54698 | WA | W4ZYD | MIKE | 69769 | VA | WB5DNT | DAN | 8326 | TX |
| N7LT | LYNDEL | 39605 | MT | W5KEC | KEN | 69598 | AR | WB6YJE | BOB | 15779 | CA |
| N7NRA | STEW | 74233 | AZ | W5RAN | HARRY | 1125 | TX | WB8EJ | TOM | 5370 | MO |
| N7VH | VIVIAN | 71690 | OR | W5RIB | PAUL | 68978 | TX | WB8NUT | DUFFY | 45041 | OH |
| N7WLC | 63782 | MIKE | CA | W5SC | CLUB | 20365 | TX | WB9IIV | HARRY | 38226 | IN |
| N7WMM | BILL | 70094 | OR | W5UFA | ВОВ | 23660 | TX | Wb9NRK | DALE | 25885 | w |
| N7YY | BERNIE | 59228 | MT | W5VRX | DON | 69779 | TX | WB9PNU | JOHN | 71937 | MO |
| N8HX | DAN | 71434 | MI | W5WTX | TED | 69284 | TX | WD4RBF | MARVIN | 44739 | TN |
| N8PSK | CHRIS | 71671 | OH | W6BRP | BUCK | 70381 | CA | WD5EDR | BILL | 23693 | TX |
| N8ST | CAROLYN | 69681 | OH | W6EOA | SAM | 60901 | CA | WH6S | RICHARD | 64994 | H |
|  | (XYL of K8BE) |  |  | W6FS | ART | 33741 | CA | WI9M | GARY | 14927 | w |
| N8XLS | DENNY | 64863 | OH | W60I | 10-10 INT'L | 109 | TX | WJ 50 | BILL | 37215 | TX |
| N8NIJ | DAN | 58849 | MI | W60RZ | GENE | 59089 | PA | WM2U | ERNIE | 54583 | NY |
| N8RMF | DEAN | 64838 | OH | W6RDC | ROB | 48533 | CA | WN4AMO | PAUL | 73825 | FL |
| N9AVY | JERRY | 43313 | IL | W6RMC | TIM | 72345 | CA | WU31 | STEVE | 39543 | PA |
| N9EDT | GAYLIN | 71272 | IL | W6VY | BOB | 32620 | CA | WU4H | JACK | 65664 | GA |
| N9RSD | TOM | 71097 | WI | W6WVK | CHUCK | 8007 | CA | WV4ED | ED | 69904 | FL |
| N9ZZ | BOB | 3463 | AR | W7KV | MARV | 13395 | OR | Z31JA | VENCO | 23427 | Macedonia |
| NB70 | KEVIN | 71233 | OR | W70M | ROD | 72366 | WA | ZLIAIS | RAY | 37865 | NZealand |
| NC8CC | CHARLIE | 70859 | OH | W70QV | ROG | 60384 | MT | ZL1LE | BRIAN | 23497 | NZealand |
| ND9Y | GLEN | 32436 | IN | W7PIR | CLUB | 74376 | OR | ZL3KR | ALAN | 6251 | NZealand |

## 10-10 INTERNATIONAL NEWS



Leslie WA4EEZ \#15675 writes us to tell us about Ralph K1EK \#36200 and the luncheons he hosts once or twice a month for 10-10 members Ralph is a wonderful gentleman and a past president of the Suncoast Chapter. Leslie and her OM Roger K4SHI \#70836 say they get up there as often as they can (but didn't say where!!). Ralph is still an active ham and is 91 years young.


On Saturday, November 05, the Neanderthal Chapter held its annual convention near the famous Neanderthal Valley. DH1PAL and DK7LA reported of the Mesa convention in June this year. With the help of Tom, N7WKT, all photos for the Neanderthal "Photo-Seal" are mailed. Meanwhile, Torsten DL2KG, gave a lot of information about the development of the chapter and the actual activities. Even in these times of bad propagation we have about 15 check-ins in our chapter net every Sunday. One of the highlights of this convention was a 10 m -net with 29 joining callsigns including participants from the very southern and northern parts of Germany and also PA2NJC from the Netherlands. DP9I \#74312 gave the first time at all it's brand new number. DP9I is a new contest call of the Leichlingen Amateur Radio group, the activity center of the Neanderthal chapter. Some other chapters (GBTEN, New Waterkant, Peshtigo Fire, MLB, Mud Ducks, Electric City, Steel City and Restoration Project) supported this convention by giving some extra points with short time specials. Thanks to all of them. They gave additional motivation to join us at this fantastic indian summer day.

The foto shows in front from the left: DF3TE 69610, DL9LR 69219, DF4UM 69822 with son Leon, DL1KDW 71010. Behind: PA2NJC 30903, CM DL2KG 68931, CH DL1EK 42024, DH3KAT 70302, DL1KBQ 70303, DJ3LA 70617, DK7LA 66048, DJ2YE 68904, DK4QO 69087, DH1PAL 69212, DL8YBM 36109 with xyl and DL5JF 68949.

## 10-10 INTERNATIONAL NEWS TENTENCONTESTRULES

## (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 OUIET 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 $\mathbf{1 0 - 1 0}$ membership. Club entries must additionally list the call, name and $\mathbf{1 0 - 1 0}$ 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 members send call sign, name, 10-10\# and QTH (State, Province or Country). If received exchange does not have a 10-10\#, then record a zero[0] in the log. 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 10001 UTC to December 312359 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 though 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.

## TENTENCONTESTRESULTS

# SPRINT <br> Oct. 10, 2005 

## TOP TEN

| CALL | $1010 \#$ | CNTCS | PTS |  |
| :--- | :--- | ---: | :--- | ---: |
| 01 | AH6RF | 08121 | $120 / 074$ | 0314 |
| 02 | N2EOC | 37549 | $054 / 016$ | 0124 |
| 03 | LU1BJW | 39329 | $058 / 004$ | 0120 |
| 04 | NJ7I | 43483 | $033 / 019$ | 0085 |
| 05 | N5MT | 24949 | $029 / 009$ | 0067 |
| 06 | K4BAI | 45389 | $020 / 023$ | 0063 |
| 07 | N5DAS | 35877 | $026 / 009$ | 0061 |
| 08 | N7YU | 72571 | $025 / 005$ | 0055 |
| 09 | W5GVP | 11572 | $018 / 017$ | 0053 |
| 10 | K6VMN | 31623 | $020 / 012$ | 0052 |
|  | WB6OJB | 70675 | $022 / 008$ | 0052 |


| CALL AREA 1 |  |  |  |
| :--- | ---: | ---: | ---: |
| CALL | $1010 \#$ | CNTCS | PTS |
| KE1HG | 69090 | $005 / 002$ | 0012 |
| W1SIX | 35346 | $005 / 000$ | 0010 |

CALL AREA 2
1010\# CNTCS PTS 37549 054/016 0124 00407 008/002 0018 72785 006/001 0013

CALL AREA 3
1010\# CNTCS PTS 33876 018/014 0050 56869 008/003 0019 67398 005/000 0010 52799 005/000 0010 68155 003/000 0006 30502 001/002 0004

CALL AREA 4

CALL
K4BAI
KE4MDJ
KQ4PK
KC4TVZ
WD4GEO
WN4AMO
WA4EEZ
AG4TO
N2EGO
KN4Y

1010\# CNTCS PTS 45389 020/023 0063 73910 013/004 0030 63201 011/004 0026 60783 010/000 0020 71574 005/008 0018 73825 008/001 0017 15675 006/001 0013 73034 005/002 0012 37582 003/003 0009 17757 002/003 0007

CALL
N5MT
N5DAS
W5GVP
N5WYR
KE5CUT
K5CC
WJ5O
WX5I
KA5EYH
KF5LO
KD5HIP
KM5FF
K5SP
KD5DE

CALL K6VMN WB6OJB

CALL AREA 5
1010\# CNTCS PTS 24949 029/009 0067 35877 026/009 0061 $11572 \quad 018 / 0170053$ 62116 015/006 0036 74387 011/010 0032 50708 011/008 0030 37215 006/003 0015 67839 007/001 0015 70252 007/000 0014 72289 006/001 0013 71476 002/004 0008 50356 004/000 0008 72243 001/003 0005 33513 001/002 0004

CALL AREA 6 N6XD WB6NFO N6OPR
AE6SG
KE6RQQ
W6JNU
AD6RO
KG6BOV W6ASP WA6VLS

CALL
NJ7I
N7YU
K7CWS
WD7DX
AC7GP
KK7UU
N7QHC

CALL
KC8IM
KB8UUZ
W8KNO

| CALL AREA 9 |  |  |  |
| :---: | :---: | :---: | :---: |
| CALL | 1010\# | CNTCS | PTS |
| WA8KAZ | 72339 | 001/000 | 0002 |
| ARGENTINA |  |  |  |
| CALL | 1010\# | CNTCS | PTS |
| LU1BJW | 39329 | 058/004 | 0120 |
| GERMANY |  |  |  |
| CALL | 1010\# | CNTCS | PTS |
| DK4QO | 69087 | 014/000 | 0028 |
| DH1PAL | 69212 | 006/009 | 0021 |
| DJ6SE | 68935 | 010/000 | 0020 |
| DJ2YE | 68904 | 009/000 | 0018 |
| DF3TE | 69610 | 006/001 | 0013 |
| HAWAII |  |  |  |
| CALL | 1010\# | CNTCS | PTS |
| AH6RF | 08121 | 120/074 | 0314 |
| NEW ZEALAND |  |  |  |
| CALL | 1010\# | CNTCS | PTS |
| ZL1AFU | 37851 | 009/000 | 0018 |
| QRP |  |  |  |
| CALL | 1010\# | CNTCS | PTS |
| AD5IF | 73372 | 004/000 | 0008 |
| WI4L | 32076 | 002/003 | 0007 |
| CLUB |  |  |  |
| LU4AAO | 73816 | 053/002 | 0108 |
| (Op: LU1BJW 39329) |  |  |  |
| K6MQ | $71487$ | 007/001 | 0015 |
| (Op: N6OPR 45715) |  |  |  |
| K3VOA | 53435 | 005/000 | 0010 |
| (Op: K3NJ 67398) |  |  |  |
| W7PIR | 74376 | 001/003 | 0005 |
| (Op: KK7UU 10934) |  |  |  |
| KD5BZC | 42114 | 001/002 | 0004 |
| (Op: KD5DE 33513) |  |  |  |

## CHECKLOGS - THANK YOU!

CALL
1010\# CNTCS PTS
WN1GIV $00000 \quad 046 / 0230115$

## 10-10 INTERNATIONAL NEWS

## TEN TEN CONTESTRESULTS

## CW/Digital

 ContestOct. 29-30, 2005

| TOP TEN |  |  |  |
| :--- | ---: | :--- | ---: |
| CALL | $1010 \#$ | CNTCS | PTS |
| 01 N2EOC | 37549 | $020 / 002$ | 0042 |
| 02 KQ4PK | 63201 | $018 / 004$ | 0040 |
| 03 N4ERM | 34524 | $017 / 003$ | 0037 |
| 04 N4ZCG | 56067 | $016 / 004$ | 0036 |
| 05 LU1BJW | 39329 | $013 / 004$ | 0030 |
| 06 KJ4RV | 37776 | $012 / 000$ | 0024 |
| KU4W | 20986 | $012 / 000$ | 0024 |
| 07 KK7UU | 10934 | $009 / 004$ | 0022 |
| 08 W4GTM | 66628 | $007 / 002$ | 0016 |
|  | W8JSM | 00934 | $007 / 002$ |$) 0016$


| KU4W | 20986 | $012 / 000$ | 0024 |
| :--- | ---: | :--- | :--- |
| KJ4RV | 37776 | $012 / 000$ | 0024 |
| KL7NL | 62595 | $008 / 000$ | 0016 |
| W4GTM | 66628 | $007 / 002$ | 0016 |
| AD4RX | 67754 | $007 / 001$ | 0015 |
| KC4JAN | 56060 | $006 / 000$ | 0012 |
| KR4OE | 62657 | $006 / 000$ | 0012 |
| WB7OND | 13390 | $005 / 000$ | 0010 |
| AA4PR | 39481 | $005 / 000$ | 0010 |
| KN4Y | 17757 | $004 / 001$ | 0009 |
| W4EHF | 10256 | $001 / 000$ | 0002 |
| WA4WHV | 60888 | $001 / 000$ | 0002 |
|  |  |  |  |
|  | CALL AREA 5 |  |  |
| CALL | $1010 \#$ | CNTCS | PTS |
| K5CC | 50708 | $005 / 002$ | 0012 |
| KD5DE | 33513 | $004 / 003$ | 0011 |
| W5GVP | 11572 | $005 / 000$ | 0010 |
| KA5EYH | 70252 | $004 / 000$ | 0008 |

## CALL AREA 6

CALL WB60JB W6JNU 70675 003/002 0008 40127 002/001 0005

## CALL AREA 7

1010\# CNTCS PTS 10934 009/004 0022 69078 000/002 0002 60964 001/000 0002

## CALL AREA 8

CALL W8JSM W8PJY WC8E KA8ABR

|  |  |  |  |
| :--- | ---: | ---: | ---: |
| CALL AREA 9 |  |  |  |
| CALL | $1010 \#$ | CNTCS | PTS |
| WG9F | 34055 | $005 / 000$ | 0010 |

## ARGENTINA

CALL 1010\# CNTCS PTS
LU1BJW $39329 \quad 013 / 0040030$

| CALL | 1010\# | CNTCS | PTS |
| :---: | :---: | :---: | :---: |
| ZL1LE | 23497 | 002/000 | 0004 |
| CLUB |  |  |  |
| (Op: KQ4PK 63201) |  |  | 0040 |
| KD5BZC <br> (Op: | $\begin{array}{r} 42114 \\ \text { KD5DE } \end{array}$ | $\begin{aligned} & 004 / 003 \\ & 33513) \end{aligned}$ | 0011 |
| CHAPTER SCORES |  |  |  |
| CHAPTER |  | LOGs | PTS |
| PossumTrot |  | 13 | 0265 |
| C.A.T.T. |  | 5 | 0044 |
| Trotters\&Pacers |  | 1 | 0042 |
| Tango |  | 1 | 0030 |

## What does it take to: make contacts? earn a certificate? win a contest?

## SI MPLE!!

It takes YOU to GET ON THE AIR!

Don't just LISTEN
CALL CQ!!!
You never know who will answer!!!


Our Net Control from the Friday . 800 Net, KA9EKG was kind enough to send this for this article: "As you all know, Don (KB0ON) passed away on 12-08-05. Don and I have talked many hours on the phone and when conditions were right here in Wisconsin, on ten meters. Don gave me a lot of tips on how to be a net control operator back in 1999. And with the help of another silent key AA7ZW (Bill), got me on the right track. I have never met Don in person, but talking to him, he was always helpful. It is going to take some mighty big shoes to replace him on 10 meters, not only on the $10-10$ nets, but the other nets that he ran or provided relay services for. Don is now with Bill on that big ship in the sky. 73's Don. Rest in Peace. Your friend always, Tom \#70731"

I first worked Don on October 22, 2000, but that was not
when I first heard of him....He was this legendary character who had written a program that took care of all the little details of paperchasing, but I was too late to get on the bandwagon-the program was no longer being supported. Why didn't I work him earlier??? He must have been on sabbatical because once I worked him, he was always there. I know I thought when I heard of Don's stroke that surely he wouldn't die.....that he would bounce back to be heard again on 10 Meters, but alas that was not to be.

Now, I will begin the process of finding Don's replacement. You will have to turn your antennas every which way for a while on Tuesdays until it all settles out.

As I collected the July, August and September 2005 Net Control Reports for this newsletter, almost everyone remarked that it was a dismal Summer, but that the Fall propagation was looking up. If we all got on the radio, I bet we could make Winter just as good.

I have had an incredibly busy Fall what with the busiest Girl Scout Cookie season in my 16 year history ( 4600 cases as compared to 3100 last year) and being silly enough to take two 3 Credit Classes at the Community College. Next semester, I will only audit classes! I don't have a brain cell left.....

73 de N3TGB, Doris in Maryland


## 10-10 INTERNATIONAL NEWS

 ALL OF THESE PEOPLE HAD FUN AT THE TEN TEN CONVENTION IN MESA, ARIZONA.

THE NEXT CONVENTION IS IN 2007.
WE ARE LOOKING FOR A GOOD LOCATION. CAN YOU HELP? FOR MORE INFO CONTACT JOE WA9TSG AT jwilliams34@ wi.rr.com (ALL PHOTOS BY DOC WB6OJB \#70675 - THANKS DOC!!!)

## SPECIAL

 CONTEST NOTICEDid you get your log in for the ANNIVERSARY QSO Party? See page 19 for the Rules and page 32 for Mail or EMail info. You are looking for the number 43 in the membership number. Since there wasn't a special reminder in the last edition of the NEWS - the deadline has been extended THIS ONE TIME until January 31, 2006.

## 10-10 ACTIVE AT OCTOBERFEST ‘05

On October 15, 10-10 was represented at the Southside Amateur Radio Club's Octoberfest ' 05 in Grandview, Missouri. Your editor set up a table at the hamfest and talked to a lot of people and passed out a bunch of NEWS. The goal of this endeavor was to make people aware of 10-10 and what the organization stands for, mainly to keep 10 meters busy in times of no or low propagation. Below are a couple of pictures taken of visitors to the table. The first is Dennis KBONHW \#74230 and the second is Bob NOUF \#63893.

Do you have a hamfest coming up? Contact the Data Manager and he will send you a package of handouts you can use to promote Ten Ten.


## 10-10 INTERNATIONAL NEWS

## 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 | $\mathbf{1 0 - 1 0 \#}$ |
| :--- | :--- | :--- | ---: |
| 01 | 24600 | WA5JDU | 03017 |
| SK | 21000 | WB1DBZ | 26001 |
| SK | 19400 | W0RWC | 00581 |
| SK | 17000 | PJ2WG | 27999 |
| SK | 16700 | W4WKQ | 33299 |
| SK | 16500 | K5MRU | 00218 |
| 02 | 14100 | WB7NUU | 17416 |
| 03 | 11600 | K5GAY | 11825 |
| SK | 11600 | WA9LIC | 01599 |
| 04 | 11500 | KOPV | 09902 |
| SK | 11400 | N5CUQ | 00040 |
| 05 | 10800 | NS4M | 41176 |
| SK | 10800 | KB0ON | 29849 |
| SK | 10600 | W9IAI | 35140 |
| 06 | 10000 | W6YRJ | 11911 |
|  | 10000 | K6PZE | 01341 |
| SK | 10000 | KS6A | 08873 |
| SK | 09700 | K4HTU | 05723 |
| 07 | 09300 | N1API | 25468 |
| 08 | 09200 | WD0SFT | 37933 |
| 09 | 08800 | N5DAS | 35877 |
| 10 | 08600 | AC6FU | 10937 |

## 1000+ BAR AWARD

Award Manager: Doris Slye
N3TGB \#68129

|  | 1000 BAR |  |
| :--- | :--- | ---: |
| CERT \# | CALL | $\mathbf{1 0 - 1 0 \#}$ |
| 1547 | WB9OMC | 55959 |

## 500 BAR AWARD

Award Manager:
Dan Morris
KZ3T \#41015

| VP \# | CALL | 10-10\# |
| :--- | :--- | ---: |
| 3296 | NV7SS | 74073 |
| 3297 | KC4TVZ | 60783 |
| 3298 | K40TW | 73860 |
| LUCKY |  | 13 ANARD |

Award Manager:
Dan Morris
KZ3T \#41015
CERT \# $\begin{gathered}\text { CALL } \\ \text { none issued }\end{gathered} \quad \mathbf{1 0 - 1 0 \#}$

## VP AWARD

Award Manager:
Carl Fisher
WOHIK \#40678

|  | VP WAS |  |
| :--- | :--- | ---: |
| CERT \# | CALL | 10-10\# |
|  | none issued |  |
|  |  |  |
| CERT \# | CP2300 |  |
| 002 | KBOON | $\mathbf{1 0 - 1 0 \#}$ |
|  |  | 29849 |

## CW AWARD

Award Manager:
Lee Zalaznik
KI6OY \#50948

## 50 CW CONTACTS

CW \# CALL
N3ZPO

10-10\#
73973

## DX COUNTRIES

## AWARD

Award Manager:
Mike Davidson
N5MT \#24949
BASIC AWARD
25 COUNTRIES
CERT \# CALL 10-10\#
none issued
45 COUNTRIES

| CERT \# | CALL | 10-10\# |
| :--- | :--- | ---: |
| 249 | KQ4PK | 63201 |
|  |  |  |
| 90 COUNTRIES |  |  |
| CERT \# | CALL | $\mathbf{1 0 - 1 0 \#}$ |
| 052 | K2JGL | 70744 |

## WPX (PREFIX) AWARD

Award Manager: Al Longo
NN1J \#41728

## 100 PREFIX

| CERT \# | CALL | 10-10\# |
| :--- | :--- | ---: |
| 343 | VA3REM | 74004 |
| 344 | VE3ZLN | 74007 |


| CERT \#$111$ | 300 BAR | $10-10 \#$73825 |
| :---: | :---: | :---: |
|  | CALL |  |
|  | WN4AMO |  |
|  | 400 BAR |  |
| CERT \# | CALL | 10-10\# |
| 062 | K3TUJ* | 07561 |
| *miss | publication 9/30/04 | issued |

## 10-10 INTERNATIONAL NEWS

## 10-10 AWARDS

## COUNTY HUNTER AWARD

Award Manager:
Brad Kimble
KODBK \#55192

| 100 COUNTIES |  |  |
| :---: | :---: | :---: |
| CERT \# | CALL | 10-10\# |
| 512 | VA3REM | 74004 |
| 513 | VE3ZLN | 74007 |
| 300 COUNTIES |  |  |
| CERT \# | CALL | 10-10\# |
| 212 | KH6DRT | 33751 |

## OM/XYL AWARD

Award Manager:
Marcus Lieberman
KM5EH \#71103

CERT \# | CALL |
| :---: |
| none reported |$\quad$ 10-10\#

## WORKED ALL STATES AWARD

Award Manager:
Eva Donaldson
WBØCON \#53964
CERT \# $\underset{\substack{\text { none reported }}}{\text { CALL }}$

MOBILE AWARD
Award Manager: Ed Redwine K5ERJ \#11843

BASI C MOBI LE AWARD
CERT \# CALL
10-10\# none reported

WORKED ALL
CONTINENTS AWARD

Award Manager: Randy Camron
AJ5ZX \#71083
CERT \# CALL 10-10\# none reported

## AWARD MANAGERS



## 10-10 INTERNATIONAL NEWS

## 10-10 SCHOLARSHIP FOUNDATION SUPPORTERS <br> 

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 members listed below became 10-10 Scholarship Foundation Supporters during the months of September, October and November.

WD9EHH.........Charles Alexander............................ 17697
N7AME............John Van Dalen ................................ 27859
N2VA................Donald Maziarz................................ 34841
WA4IWL ..........Donald Spencer................................ 36459
WW9R .............Patrick Hoppe .................................. 37026
WB3KVB .........Thomas Wagner ............................... 37432
WD4KYW .......James Burris...................................... 37758
N1CIA ..............Earl Sparks, Jr. ................................. 38617
K3RBM............Michael McKinney .......................... 41010
WB0FTL ..........Leslie Ellis ....................................... 41664
KA2PDS...........Ronald Cava..................................... 41965
WB5WWO .......Ray Broussard.................................. 44893
KA9PZQ ..........Bernard Halpern............................... 45525
KB8AGJ...........Gerald Sande.................................... 49819
KC4GGK .........Clyde Dulaney, Jr............................. 49915
WF7K...............David McKibben............................... 50203
KH6ANA .........Anacleto Heloca, Sr. ......................... 50976
AB6MA............Robert Lorentz ................................. 55330
KA6WBQ.........Michael McMurtry........................... 55378
W6GHR ...........Eugene Kirkbride ............................. 55383
N6ROM............Morton Roman................................. 59053
KB0HVV .........Mike Winship.................................. 59312
KB8LFC...........Ernest Spencer ................................. 59826
KK8T .John Hess ..... 59832
N9LWN............J. Roy Wilhelm ..... 60266
WA2VZQ .........Kenneth Stier ..... 60620
N2MCL............Lynn Cava ..... 60663
AA7ST .............Noel Santos ..... 61225
KF2EO .Michael Bartmon ..... 61744
AD6PV .............Harry Ley ..... 62068
KB7NKP ..........Gary Arko ..... 62591
N3NOP.............Robert Fulton, Jr. ..... 63098
W6LDC............George Paras ..... 63131
N0TLA .............David Czaja. ..... 63824
N6IFP ...............Larry Bettencourt ..... 64977
NE4TM .Tommy Melton ..... 65110
NE4LR .Lillie Melton ..... 65111
WB0VYH.........James Lewis ..... 65787
N9PTG Maynard Raggio ..... 66476
KC5AQU ..........Joyce Ritter ..... 67007
KR4TU............Joseph Morrell ..... 67260
N3TGB.............Doris Slye ..... 68129
N1KRC.............Paul McNulty. ..... 68478
AC3DC.............Alan Carey ..... 70205
KR6AB.............Walter Wilkman, Jr. ..... 70830
KD5HIP ...........John Zumbro ..... 71476
W6HST ............Wilbert Harris ..... 71857
N9COE.............John Spasojevich ..... 71928
WA3ZAO .........Robert Goodrich ..... 72001
N1YVV ............David Ocame ..... 72085
MI5TCC ...........Trevor Campbell ..... 73113
W6CJO..............James Cot ..... 73557
KB6CMO .........Gene Thorpe ..... 73648
WA4TOL..........Phillip Greene ..... 73872
WB2ERD .........Taras Sochen ..... 74082
WA4WWQ.......Gary Turner ..... 74245

I am 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<br>9 Nancy Boulevard<br>Merrick, NY 11566-3119

## 10-10 INTERNATIONAL NEWS

## 10-10 SCHOLARSHIP APPLICANT INFORMATION

Each year the 10-10 International Net, through our nonprofit 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 1010 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 18th 10-10 Hill Country Picnic will be on Sunday May 282006 at the home of Jack K5CC. All Ten-Ten members are invited as well as those interested in Ten-Ten. Families and friends are welcome. For more information or to receive a flyer with details and directions contact. Jack - K5CC (k5cc@gvtc.com), Bill - WD5EDR (wheberling@satx.rr.com), Cliff - K5FBS (catk5fbs@aol.com)
> Ray - N5DAS (n5das@satx.rr.com).

## W60I \# 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 <br> W6OI LICENSE TRUSTEE 371 RIDGE CREEK LN BULVERDE TX 78163

QSL cards are available for special events.
W6OI was on the air for the 10-10 Sprint on Oct 10 , the Fall CW/Digital Contest on Oct 29-30 and the W6OI Special Event on Nov 26-27. Louise Chapman (N6ELK) operates W6OI each Wednesday as the $10-10$ Net Control beginning at 1800 Z on 28.800 MHz . Please include a SASE (or use the QSL Bureau) when requesting a QSL card via:

## LOUISE CHAPMAN, N6ELK <br> 3210 CLARK AVE <br> 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 second annual W6OI work all call areas special event was held on 26-27 Nov 2005. The event was a disappointment compared to 2004. Band conditions were poor and no station qualified for a certificate by working all call areas. Forty-seven operators signed up to give out W6OI in the 10 call areas. As of the date of this article reports had been received from 41 operators. Total contacts reported were 258 . Twenty operators reported no contacts even though they spent several hours calling CQ Special Event. No station qualified for the worked all call areas certificate. Contacts by call area were: 1-21, 2-72, 3-2, 4-50, $5-16,6-20,7-31,8-30,9-14$ and 10-2. The top 6 operators were: N2EOC - 34, KC8IM - 30, W2BOC - 23 , KE1HG 21 , N6OPR - 18, and WA4EEZ - 18. The special event is an annual operating activity for $10-10$ and is designed as a fun weekend and to advertise 10-10. Several operators indicated a desire to sign up for the 2006 event.

## 10-10 INTERNATIONAL NEWS

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.

| 00218 | K5MRU .......Grace Dunlap...........................Austin, TX |
| :---: | :---: |
| 00389 | WA9TWE......Ben Nielsen.......................Des Plaines, IL |
| 01125 | W5RAN........Harry Hatcher...................Friendswood, TX |
| 02216 | KH6FS .........Takeo Yamashiro................. Kaunakakai, HI |
| 02662 | K4FRY .........Norman Monro ......................Gadsden, AL |
| 02877 | K3PSK........Thomas Goldsmith ....Fort Walton Beach, FL |
| 03133 | W7KT ..........Bill Reuter.............................Vashon, WA |
| 03198 | W7GUR .......James Boland.....................Beaverton, OR |
| 03910 | W3CJF........John Tomko.............................Sharon, PA |
| 05320 | W9A0..........Elton Heubach ..........................Morton, IL |
| 05711 | WA6QCX......James Hillbun .................... San Carlos, CA |
| 07500 | W3KDD .......David McClelland ............ Endicott City, M D |
| 08862 | K8BAR ........C. Bill Calhoun ....................Conneaut, OH |
| 09428 | W7QK.........Elwood Johns .......................Portland, OR |
| 09430 | W7US ..........Willis Allen .............................Tucson, AZ |
| 09491 | W6XM .........Ed Marriner................San Luis Obispo, CA |
| 09786 | TI2NA......... Eric Roy....................San Jose , Costa Rica |
| 10362 | W9SWL .......John Ingersoll ......................Eau Claire, WI |
| 11130 | W4RTI .........William McGowen Jr .....M ountain Brook, AL |
| 11141 | VE3QD.........George Clark .......................Hamilton, ON |
| 13184 | W3KH......... Eugene Ruperto .................Washington, PA |
| 13586 | W4M PB ....... Horace Forstner ....................Ringgold, GA |
| 15311 | WB2E ..........Sally O' Dell ...........................Roswell, GA |
| 15819 | W6ZX..........Alex M eyer .......................... San Jose , CA |
| 16999 | W9SCM .......Donnell Carnes................N Fort Meyers, FL |
| 17506 | K4III........... Thomas Griffin III .......................Cayce, SC |
| 17826 | K1NLQ........Angelo Johnson ......................Ipswich, MA |
| 18708 | W4HK......... Henry KelleyJr .......................Fairburn, GA |
| 18850 | K5DPG ........Lionel " Al" Oubre ................New Iberia, LA |
| 19768 | WA6HNR .....Ludwig Woelfl....................Lake Forest, CA |
| 20446 | W5QE......... Charles Clark ....................San Antonio, TX |
| 20473 | W5KFN........Leo Kessinger ..................Alamogordo, NM |
| 20936 | WA4BRM .....James Blythe..........................Florence, KY |
| 21954 | VE3IVX ........Stewart 'Stew' Watts .............Kingston, ON |
| 24543 | W3FCU........Rev. Ivon Harris ................Buffalo Grove, IL |
| 26171 | WA4OPW.....Wilmer Rogers .......................Ashland , VA |
| 27088 | NMOK..........James V. Foust..................Kansas City, M 0 |
| 29124 | NQ4T..........Jim Williamson ...................High Point, NC |
| 29849 | KB0ON........Don Ruf.........................Columbia City, IN |
| 29888 | WBOPVU......Tommy Claywell ......................Mexico, M 0 |
| 31243 | N4LJK..........Ronald Head............................Griffin, GA |

# SilatK 

Compiled and listed by Ruth Bartholomew NØKDB \#48715

32378 K4AMO........William Lide, Sr. ...................Columbus, SC 32554 KB1BE ........Paul Shafer ..........................Bloomfield, CT 34958 KAOMHL......Bob Michellich.......................WaKeeny, KS 35619 KC7XB.........Gus Amato .............................Portland, OR 35631 K7SKO ........John Weir ...............................Redlands, CA 35994 VE6JO..........Vitaly (Willy) Markhasin .............Calgary, AB 36637 W6JBH ........Thelma Robinson ....................Oakhurst, CA 42223 N7FTE .........Phillip Lopiparo ....................Milwaukie, OR 44105 W3YW..........Jack Walker............................Belleville, PA 44422 WB9PPK......Arthur Blazier.........................Hampshire, IL 44683 WA6DAW.....Paul Dahlitz..........................La Puente, CA 45017 KAOZXV .......Fran Thorsen.....................Lees Summit, MO 45120 W2CE ..........Robert Reed.........................Toms River, NJ 45730 W6JRI..........Jackson Sauers Sr................Mill Valley, CA 46478 N4TWC........Jack Armstrong .....................Hermitage, TN 46669 N1FRD ........James Leavey................................Lynn, MA 48185 K1VSG ........Dennis Zonia ..........................Webster, MA 48202 KA9WAG......Mary Conrad ........................Lynn Center, IL 48753 KAOVTE .......Martha Boyer ..........................Seneca, MO 49451 N6JZE..........Delbert Radant....................San Diego, CA 50540 W3DKT........Charles Earp Jr...................Catonsville, MD 51085 WOIRY .........Lawrence Sanders.................Dickinson, ND 53567 WA9MWM ...Doris Hauser ...............................Aurora, IL 54539 K2BHD........Martin Elliot ....................Adams Center, NY 55260 WOLZX.........James Woodburn......................Wichita, KS 56262 N1XQZ.........David Yasner........................Bridgeport, CT 57564 K4PSR.........William Hall...............................Clinton, NC 57593 KC4ED.........Cyrus E. Frank..................Summerville, SC 58434 N5PXT ......... Sidney Cruthirds ............Ocean Springs, MS 59968 K7AAE.........Ronald Verschuyl................Woodinville, WA 60267 K9AWA........Roland Brown.......................Fort Wayne, IN 60573 KA3YNG ......Allen Ramsey.............................Bulter, PA 60633 K2JRR .........J ohn Rieger.................................Orient, NY 62476 KB1ALV .......Eugene " Gene" Miller.........Springfield, MA 62830 KE8UI..........Robert Strauss......................Columbus, OH 63291 KD4SOJ .......Robert Retter..............................Venice, FL 64423 N4ZKO..........Jerry Adams .....................Lawrenceville, GA 66451 W9ZZU ........Ernst Rosing ....................La Grange Park, IL 66651 WB4NTV......Kenneth Gelhaus ....................Courtland, VA 69143 AA9JH .........Louis Parkansky....................Marinette, WI

| DAY | ZSUM | ZWIN | CHAPTER | QTH | FREQ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SUN | 0300 | 0400 | Chief Seattle | Seattle, WA | 28630 |
| SUN | 0830 | 0930 | Borinage | Colfontaine, ON | 28785 |
| SUN | 1200 | 1300 | ElmerJ Fudd Net | Berwick, PA | 28340 |
| SUN | 1300 | 1400 | GB Ten | Spalding, G | 28860 |
| SUN | 1300 | 1400 | Arlington | Arlington, VA | 29200 |
| SUN |  | 1430 | Cincinnati Area Ten Tuners | rs Milan, IN | 28960 |
| SUN | 1500 | 1600 | Neanderthal Chapter | Leichlingen, DL | 28355 |
| SUN | 1530 | 1630 | Steel City | Chicago,IL | 28420 |
| SUN | 1600 | 1700 | Sky Blue Waters | St Paul, MN | 28715 |
| SUN | 1630 | 1730 | Possum Trot | Raeford, NC | 28345 |
| SUN | 1800 | 1900 | Portland 500 | Clackamas, OR | 28350 |
| SUN | 1700 | 1800 | Major League Baseball | @La Mirada, CA | 28380 |
| SUN | 1900 | 2000 | Springbok | Oliver Springs, TN | 28385 |
| SUN | 1930 | 2030 | North Georgia | Atlanta, GA | 28610 |
| SUN | 2030 | 2130 | Air Capital | Augusta, KS | 28775 |
| SUN | 2100 | 2200 | Possum Trot | Raeford, NC | 28150 CW |
| SUN | 2200 | 2230 | SO TX Lighthorse Brigade | San Antonio, TX | 28345 |
| MON | 0001 | 0100 | Chesapeake Bay | Chestertown, MD | 28435 |
| MON | 0030 | 0130 | Minuteman | Saugus, MA | 28150 CW |
| MON |  | 0100 | Arizona Desert 10-10 Net | t Phoenix, AZ | 28445 |
| MON | 0100 | 0200 | Milwaukee | Milwaukee, WI | 28365 |
| MON | 0100 | 0200 | Lonestar | Arlington, TX | 28460 |
| MON |  | 0130 | Palmetto | Hollywood, SC | 28450 |
| MON | 0130 | 0230 | Bauxite | Benton, AR | 28470 |
| MON | 0200 | 0300 | Sky Blue Waters | St Paul, MN | 28715 |
| MON | 0300 | 0400 | Chief Seattle | Seattle, WA | 28630 |
| MON | 1200 | 1300 | ElmerJ Fudd Net | Berwick, PA | 28340 |
| MON |  | 1700 | Colorado Quartermaster | Widefield, CO | 28120 PSK |
| MON |  | 2030 | Space Coast | Elmendorf, TX | 28355 |
| MON | 2130 | 2200 | Colorado Quartermaster | Widefield, CO | 28360 |
| MON |  | 2300 | Oceans of the World | Tampa, FL | 28375 |
| MON |  | 2330 | Santa Fe Trail | Columbia City, IN | 28695 |
| MON | 2300 | 2359 | Trotters and Pacers | Cranberry, NJ | 28755 |
| TUE |  | 0001 | Sun Coast Radio | Tampa, FL | 28375 |
| TUE | 0100 | 0200 | Colorado Centennial | Lakewood, CO | 28340 |
| TUE | 0100 | 0200 | City of Lights | St Charles, IL | 28150 CW |
| TUE | 0130 | 0230 | City of Lights | St Charles, IL | 28720 |
| TUE | 0130 | 0230 | Bauxite | Benton, AR | 28470 |
| TUE | 0130 | 0230 | OK Route 66 Chapter | Oklahoma City, OK | 28390 |
| TUE | 0200 | 0300 | Concho Valley | San Angelo, TX | 28360 |
| TUE | 0230 | 0330 | Golden Bear Ra | Rancho Cordova, CA | 28485 |
| TUE | 0300 | 0400 | Chief Seattle | Seattle, WA | 28430 |
| TUE | 0300 | 0400 | Bay Area | Hayward, CA | 28475 |
| TUE |  | 0500 | Aloha | Hakalau, HI | 28487 |
| TUE | 1200 | 1300 | ElmerJ Fudd Net | Berwick, PA | 28340 |
| TUE | 1500 | 1600 | New Mexico Mud Ducks | Albuquerque, NM | 28835 |
| TUE |  | 1700 | Electric City | M elbourne, FL | 28425 |
| TUE | 2030 | 2130 | Twin Cities Inver | Grove Heights, MN | 28325 |
| TUE |  | 2000 | Branding Iron | Kemper, TX | 28345 |
| TUE | 2300 | 2359 | Fort McHenry | Arbutus, MD | 28370 |
| T/ W | 2330 | 0030 | Republic of Texas | Euless, TX | 28560 |
| WED | 0001 | 0100 | Castle Craig | Meriden, CT | 28375 |
| WED |  | 0030 | Kansas Trails | Grove City, MN | 28385 |
| WED | 0030 | 0130 | All American City | Birmingham, AL | 28400 |
| WED | 0030 | 0130 | Minuteman | Saugus, MA | 28409 |
| WED |  | 0100 | Cincinnati Area Ten Tuners | rs Milan, IN | 28800 |



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

## WOULD YOU LIKE TO JOI N 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.

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## TYPES OF MEMBERSHI PS

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

## MEMBERSHI P 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 SERVI CES

## 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](mailto: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 thepages 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

## 

## SCHOLARSHI P DONATI ONS

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<br>10-10 Scholarship Manager<br>9 Nancy Blvd.<br>Merrick, NY 11566-3119

Catch us on the WEB

## 10-10 INTERNATIONAL NEWS <br> SECTION 1 - MEMBERSHIP APPLICATION AND CONTACT LOG

NOTE: If this membership application is being used for renewal purposes, please enter your 10-10 number here $\qquad$
Please print your Name $\qquad$ Call $\qquad$
Address $\qquad$ Year of Birth $\qquad$
City $\qquad$ State or Country
Postal/Zip Code $\qquad$ E-mail Address $\qquad$
NOTE: 10-10 NUMBER, CALL, NAME, ADDRESS, MEMBERSHIP STATUS AND E-MAIL ADDRESS IS MADE AVAILABLE TO ALL MEMBERS VIA A MEMBERSHIP ROSTER. ALL OTHER INFORMATION IS KEPT CONFIDENTIAL AND NOT DISCLOSED EXCEPT BY THE ORDER OF A LAWFUL COURT.
I certify that I meet the membership requirements* of 10-10 $\qquad$

|  | $\begin{gathered} \text { 10-10 } \\ \text { NUMBER } \end{gathered}$ | CALL SIGN | OPERATOR'S NAME | DATE OF CONTACT | QTH (State, Province or DX Country) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 9 |  |  |  |  |  |
| 10 |  |  |  |  |  |

## SECTION 2 - FEE SCHEDULE AND PAYMENT INFORMATION

| 10-10 FEE SCHEDULE (eff 2/1/03) | US Zip Codes |  |  | DX |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New Members | $\square$ | \$ |  |  | \$ |  |
| Renewals (yearly) | $\square$ | \$ |  |  | \$ |  |
| Renewals - 3 year incentive | $\square$ | \$ |  | $\square$ | \$ |  |
| Family Membership (yearly) | $\square$ | \$ | 5 |  | \$ | 5 |
| Life Membership | $\square$ | \$ | 500 |  | \$ | 650 |
| Senior Life | $\square$ | \$ | 150 |  | \$ | 200 |
| Scholarship Foundation Donation |  | \$ |  |  | \$ |  |
| Enter Total |  |  |  |  |  |  |

US Postal Codes and LIFE Memberships mail to Data Manager, Ten-Ten I nternational 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

## METHOD OF PAYMENT

$\square$ 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).
$\square$ MASTERCARD Account Number (Please include all the numbers on your credit card)

Name of Cardholder $\qquad$ PHONE (required): $\qquad$
$\qquad$

## 10-10 QSO PARTY COVER SHEET

Callsign $\qquad$ 10-10\# $\qquad$ Name used in contest $\qquad$
Name $\qquad$
Address $\qquad$
City $\qquad$
State/Province/C ountry $\qquad$ Zip $\qquad$
your e-mail address (for contest questions only)

| Contest Schedule |  |  | Check Event | Check Entry Type | US Call Area (W0-W9) or ARRL DX Country you operated from |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 Contest Postmark |  |  | $\square$ WINTER PHONE | $\square$ INDIVIDUAL |  |
| Mobile Contest | Mar 18 | Apr 3 | $\square$ MOBILE CONTEST | - QRP 10 watts or less Phone, |  |
| Spring CW/ Dig | May 6-7 | May 22 | $\square$ SPRING CW/ DG | 5 watts or less CW/ Digital $\square$ CLUB Only for those | Chapter Assignment (not valid for 10-10 Day Sprint) |
| Summer Phone Sprint | Aug 5-6 | Aug 21 | $\square$ SUMMER PHONE | operating as a club station. |  |
| Sprint |  |  | $\square 10-10$ SPRINT | If operating under a Club call, |  |
| Fall CW/ Dig contest | Oct 28-29 <br> ules on pa | $\begin{aligned} & \text { Nov } 13 \\ & 19 \end{aligned}$ | $\square$ FALL CW/ DG | please list all operators and their 10-10 numbers (if any) on log. |  |
| Claimed Score: Contacts W |  |  | 10-10 number: |  |  |
| Contacts WITHOUT 10-10 number |  |  |  |  |  |
| Total Contacts __Total Pts |  |  |  |  |  |
| NOTE: DUE TO MULTIPLIERS, THE MOBILE CONTEST WILL BE SCORED BY THE CONTEST MANAGER |  |  |  |  |  |

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 <br> www.10-10.org

electronic version of this issue at www.lingerinc.com - logon Winter06 - password 1010News

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

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TIME TO RENEW? EXPIRATION DATE
    IS OX MAILIXG LABEL BELOW
```


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