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From the homepage of the Solar Influences Data Analysis Center - SIDC (the SIDC is a research group for solar physics at the Royal Observatory of Belgium. Its operational activities include the World Data Center for the sunspot index and the Regional Warning Center Belgium for space weather forecasting). Posted Dec 13, 2007

The magnetic configuration of bipolar sunspots with leading positive/negative polarity in the northern/southern hemisphere, is associated with solar cycle 23. The big spot in the MDI/magnetogram is such a typical example of a sunspot of cycle 23 in the southern solar hemisphere: inward magnetic field lines on the right and outward pointing field lines on the left. This spot is also located near the equator as it should according to the butterfly diagrams which pictures the drift of the sunspots from high latitudes to the equator $\left(0^{\circ}\right)$ during a solar cycle. According to the butterfly rule, the spot in the red circle belongs to cycle 24.

The black/white colours in the magnetogram indicate the concentration of negative/positive magnetic field lines along the line of sight. A photospheric dark spot, concentration of magnetic field lines, a coronal active region, coronal loops, these are all characteristics of the same feature which is often the source of solar activity. Each characteristic is associated with a certain layer of the sun. The area indicated in the red ellips on the picture has not yet a photospheric counterpart. In simple words, there is no sunspot (yet) seen at this place.
http://www.sidc.oma.be/news/100/welcome.html


Dec. 14, 2007: The solar physics community is abuzz this week. No, there haven't been any great eruptions or solar storms. The source of the excitement is a modest knot of magnetism that popped over the sun's eastern limb on Dec. 11th, pictured below in a pair of images from the orbiting Solar and Heliospheric Observatory (SOHO).

It may not look like much, but "this patch of magnetism could be a sign of the next solar cycle," says solar physicist David Hathaway of the Marshall Space Flight Center.


Above: From SOHO, a UV-wavelength image of the sun and a map showing positive (white) and negative (black) magnetic polarities. The new highlatitude active region is magnetically reversed, marking it as a harbinger of a new solar cycle.

For more than a year, the sun has been experiencing a lull in activity, marking the end of Solar Cycle 23, which peaked with many furious storms in 2000--2003. "Solar minimum is upon us," he says.

The big question now is, when will the next solar cycle begin?
http://science.nasa.gov/headlines/y2007/14dec_excitement.htm?list1808


## TEN-TEN I NTERNATI ONAL NEWS

## The 10-10 International News

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

Each paid-up member will receive a copy. This is an independent publication. Permission to reprint is hereby granted, providing suitable credit is shown.

News items should be sent to the Editor. Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted must be typed, 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: EDITOR 10-10 News
Steve Rasmussen, NØWY \#68684 312 N 6th Street, Plattsmouth, NE 68048-1302 Email: n0wy@alltel.net

10-10 CHAPTER ACTIVITY REPORTS should be sent to the Chapter Coordinator ADDRESS CHANGES: Members with US Zip Codes should send address changes to the Data Manager. All other members should send changes to the DX Area Manager.

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

## DEADLINE FOR NEXT ISSUE: 1 Mar 2008

## ARM Member

AMATEUR RADIO NEWS SERVICE

## OFFI CERS, DI RECTORS AND NET OFFI CI ALS

Award Managers listed on page 24 - Membership Information listed on pages 30-31


## Certificate Manager

Ruth Bartholomew, NØKDB \#48715
PO Box 766, Sullivan, MO 63080-0766 (temporary)
(573) 468-2898 or (314) 479-5474 .....................n0kdb@fidnet.com

## Chapter Coordinator

Cliff Taylor, K5FBS \#48461
22707 Red Mountain Dr., Elmendorf, TX 78112-6034
(210) 621-2652 $\qquad$ .catk5fbs@aol.com

## Data Manager / Supplies

Data Manager, 10-10 International Net., Inc.
PMB 142, 643 N 98th Street, Omaha, NE 68114-2342
(402) 895-7367
..wa6poz@arrl.net
Editor 10-10 International News
Steve Rasmussen, NØWY \#68684
312 N 6th Street, Plattsmouth, NE 68048-1302
(402) 296-4434.
..n0wy@alltel.net

## General Counsel

Dave Splitt, KE3VV \#69831
6111 Utah Avenue NW, Washington, DC 20015-2461

## Net Manager

Robert L Farrow, N60PR \#45715
14814 Gagely Dr, La Mirada, CA 90638-2116
(562) 944-9040.
.N6OPR@msn.com

## QSL Bureau Manager

Bob Peschka K7QXG \#05956
592 SE Cypress Ave., Dallas, OR 97338-2932
(503) 831-1455
..k7qxg@dsl-only.net
QSO Party Manager
Steve Rasmussen, NøWY \#68684
312 N 6th Street, Plattsmouth, NE 68048-1302
(402) 296-4434.
..n0wy@alltel.net

## Scholarship Manager

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

## SK Manager

Ruth Bartholomew, NØKDB \#48715
PO Box 766, Sullivan, MO 63080-0766 (temporary)
(573) 468-2898 or (314) 479-5474 .....................nOkdb@fidnet.com

W6OI Station Trustee
Jack Moore, K5CC \#50708
371 Ridge Creek Lane, Bulverde, TX 78163
(830) 885-2194.
.k5cc@arrl.net

## Webmaster

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

## Fir fratid <br> Steve Rasmussen NØWY \#68684 Editor 10-10 NEWS



Before I say anything else, I want to thank everyone that sent in pictures and newsworthy items. They make my job putting this magazine together SO much easier! I have to rely on at least six pages of new information each issue. Sometimes in the past I have not received that much and it can sure make it tough to manufacture news (although some TV people seem to do pretty good at it - HI!). Please keep it up! A good rule of thumb for digital pictures, shoot them at the highest resolution (dpi) you can. The bigger, the better. The printer requires 300 dpi at the size used. If you send a 72 dpi picture and it is a full screen on your computer, it will end up about a one inch square in the magazine. Oh yeah, don't send pictures from magazines or newspapers or those you have printed out yourself - they don't work. I like large files! Most JPG picture files that are big enough will run about 500k or more. The larger the file size, the larger the picture.

Don't have any pictures? Try writing an article! There is a lot of stuff out there that could be written about! Propagation, Mode Operations, Antenna do's and don'ts, ham electronics for dummies, ...you get the idea!

Think everyone out there already knows the basics? Think again! I found a lady that has been a ham for years and has never soldered two wires together. Why? No one ever taught her to. And she is an Extra class ham! She always had other hams around to do it for her.

We need to become more self-sufficient and be able to do the basics ourselves, rather than to rely on others. Sure, it is always great to get together and have antenna raising parties and help doing what you need several people to do safely, but you also need to be able to do most of the preparation yourself! Don't want to do it because you might make a mistake? I understand! I have made several myself, but I learned from them and will never make the same mistake again - and the best thing I could do is to talk up the mistake and teach others what NOT to do, It makes us ALL better. One of these issues I will explain how I destroyed twenty PL259 connectors by soldering them with an extremely hot soldering iron (diode killer - now where do you think that name came from?).

Lots of activity out there lately. Have heard of several openings and never been home at the right time but I am ALWAYS listening when I can.

Oh yeah, promised Don KA5LQJ I would make a note that he is listening too - on AM at 29.101.0 (29 Ten Ten) and FM on 29.500 simplex - between 1400 z to 0200z. Would make a great start on the VP Lucky 13 Award!

73 and have a great 2008 de Steve NOWY.

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10-10 NET CONTROL STATIONS
ALL NETS BEGI N AT 1800Z
Monday (28.380) .Dick, K6PZE \#01341
Monday (28.800). ..... Doc, WB6OJ B \#70675
Tuesday (28.380.. .Brian, KC7OC \#67668
Wednesday (28.380). .Bob, K4QHH \#26040
Wednesday (28.800).................Louise, N6ELK \#36654
Thursday (28.380). ..... Bob, N6OPR \#45715
Friday (28.380) ..... Bill, KB9MJ \#22313
Friday (28.800) Tom, KA9EKG \#70731
Saturday (28.800) .....................Earl, KS4XI \#70679
Sunday "NEVER ON SUNDAY"
Alternate Net Controller .J ohn, NS2M \#72143
Alternate Net Controller .Dan, KC8I M \#31959
Alternate Net Controller
.Steve, KB3KTR \#74187Alternate Net Controller ........Ann, KE6OI O \#68997Alternate Net Controller ........Earl, KA6RFB \#59088


As we enter a new year, I find excitement growing in anticipation of continued improvement in ten meter band conditions. This surely will bring with it an avalanche of activity unparalleled in the history of ten meter operation. This, of course, is what we have been waiting for and, hopefully, will pay off for the patience we have endured during the 'quiet' period of band activity. This new found excitement, however, will present challenges to all of us in the 10-10 organization. These challenges are not so much associated with the ability to make contacts as much as preventing chaos as is sometimes experienced on other bands. I believe that we have a golden opportunity to help perpetuate the purpose of this organization during the next couple of favorable propagation years by providing concentrated energy to establish strong and united relationships with fellow radio operators in all sectors of the world. From these contacts and relationships, I look forward to many new members and chapters being established throughout the world thus providing a medium of sustaining activities on the ten meter band in those areas even when the propagation cycle is less favorable.

Of course, we will be tested and challenged in regards to non 10-10 amateurs riding the crest of the excitement of the ten meter wave. After all, they may ask, why 10-10 when the band is active anyway. We must remain courteous and retain the spirit of amateur radio fellowship which, after all, is why we find ten meters and the $10-10$ so satisfying. Don't hesitate, however, to expound the virtues of 10-10.

The previous two paragraphs were written by Past President Bob Hartley W6WPY \#14949 SK and appeared in the Winter 1979 10-10 Bulletin.

His words are just as appropriate today as they were when written, as we look forward to an increase in activity as cycle 24 begins.

Whether I am working on an article for WorldRadio, the 10-10 NEWS or performing my duties as the Data Manager, I find myself listening to the 'white noise' on 10 meters while at the computer. I still have some free time and so I looked around for something to do to keep me out of mischief while the days of late fall and winter keeps me indoors. I decided to go back through 29 years of logs and enter contacts and awards information that had never made it into my 10-10 logging program. While I have always maintained files for the Bar Award, and earned the Worked All States, Continents and DX Countries awards, there are other awards that at times seemed too time consuming. Now that I am retired and nothing should be time consuming, I thought it would be fun to see what I could earn. The awards I plan to track are the VP, VP/WAS, Counties, OM/YL and Great Britain Counties, (GB). These awards do not require any form of confirmation but are awarded on the honor system. As I continue through the logs I am finding contacts that I have worked but never claimed on a Bar application. 5000 Bar, next up! Working Counties seems to be its own interesting challenge. When you work a station you can easily ask what his county is, but what do you do when in the log it only lists a city or worse just a state. Well knowing the city, I have found a web site www.epodunk.com/search/counties.html that can pin down the county for most cities. For those cities that cross county boundaries, or for Alaska where Districts are used rather than their counties or boroughs, as they are called in Alaska, the web site is. For those contacts where I only copied down the state - all is lost as I can't make any assumptions that where they live now is where they lived at the time of the contact. The OM/YL award is earned for making contact with a husband/wife team. Some teams are indicated in my logs, Others I can only identify the YL component and must do some searching to determine if there is a corresponding OM. Again

I have indicated in my logs when either a VP number was passed, so it is just a matter of collecting and filing this information. The GB's will prove to be another time consuming task in order to determine the county from city. Going through volumes of logs and other listings, some hand written and others as a printed text file will take some time. The question is will I get done this winter, will sun spots increase to the point that contacts are again taking place or will I just give up? I am hoping that by the April NEWS, I will have kept some of the Awards Managers busy with my new entries. How about you, are you catching up on the paper work as well?

I will be at HamCation in Orlando, Florida from February 8th through 10th. Currently 10-10 has booth 120 in the Commercial 2 area but we may move to the Commercial 1 area by HamCation time. Also a forum is planned, but nothing is definite at this time. I will have copies of the 1010 NEWS, pins and of course taking dues renewals.

This year brings a change and two new operating activities to 10-10's line up. A change to the CW/Digital QSO Party rules making it two separate parties on the same weekend. A new year-long activity, 'Work the 10-10 Volunteers', and a new true contest, 'Open Seasons'. See elsewhere in the NEWS for specifics on these operating events.

Elsewhere in the NEWS is a list of ALL who volunteer their time for the betterment of 10-10 International Net. This list does not include Chapter Managers, Certificate Managers, and others who run Chapter Nets or other Chapter affiliated events and who also take time for all of us to enjoy $10-10$ and 10 meters. I wish to thank all for making 10-10 the organization that it is and making 2007 a successful year.

To ALL, I hope that 2007 was a happy and prosperous year and all enjoyed this past holiday season. Here's wishing all a Happy 2008 New Year.

## 2008 Board Meeting

10-10's annual Board meeting will be held late May or early June at a site still to be determined. 10-10 Board meetings are open to all and visitors are encouraged to attend. Those that do attend are invited to participate and give their input on the various agenda items. If you have any issues, suggestion or items that you would like the Board to review, please contact the President and any member of the Board. For any agenda item for which there could be involvement by a standing committee, i.e., Affiliation, Awards, QSO Parties, Internet, and Planning, please allow sufficient time and get the appropriate Director and Committee involved. All input is appreciated. The time and place will be posted on the 10-10 web, www.ten-ten.org, and in the April 10-10 NEWS. The meeting agenda will be posted on the 10-10 web at least 30 days prior to the Board meeting date.

## 2008 Scholarship Donations

Pictured below is the 2008 pin that will be given to individuals making a minimum $\$ 10$ donation to the 10-10 International Net Scholarship Foundation, Inc. The pictured cat is the father of the litter that is on the 10-10 logo and appears in usually only one other place, page two of the 10-10 NEWS, the upper right corner. 2007 pins are still available and can be selected in lieu of the 2008 pin or for a $\$ 15$ minimum donation, both pins will be sent. Remember 10-10 International Net Scholarship Foundation, Inc. is a tax-exempt, non-profit organization as described in Section 501(c(3) of the Internal Revenue Code. Contributions are tax deductible to the extent permitted by law. Checks for the 10-10 International Scholarship Foundation should be made out to 10-10 Scholarship Fund and sent to the Scholarship Manager, Larry Berger WA2SUH, 9 Nancy Blvd, Merrick NY 115663119 or can be included as part of your membership renewal and sent to:
10-10 International Net, Inc.
643 N 98th \#142
Omaha NE 68114-2342.



## ELECTI ON 2008-CALL FOR NOMI NATI ONS

As you may be aware, 10-10 International holds an election every two years. In the year 2008 we will be electing the Vice President and four (4) members to the Board of Directors, whose terms will commence January 2009. 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, 2008.

The Nominating Committee shall develop a slate of eligible candidates by June 1, 2008. 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

## ELECTION TIMELINE

Call for Nominations will be printed
in the January 2008 and April 2008
editions of the 10-10 NEWS.
1 May 2008 - Candidates must have names and bios to Nominating Committee.

1 Jun 2008 - Nominating Committee will develop slate of candidates and notify members who applied but were not selected.

## 1 Jul 2008 - Deadline for Petitions for Candidacy to Secretary.

Ballots and all Candidates' bios to be printed in July 2008 edition of the 10-10 NEWS.

1 Oct 2008 - "In Hand" Deadline for return of Ballots.

1 Nov 2008 - Election Results posted on 10-10 Web Site.

1 Jan 2009 - Newly elected officers take office.

Election results posted in January 2009 edition of the NEWS
the Nominating 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, 2008. 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 Ken Harmon - K1IEQ - Nominations Committee Chairman, 471 Old Turnpike Rd. Mason, NH 03048 or via e-mail to [k1ieq@juno.com](mailto:k1ieq@juno.com).

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, 2008. 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 2008 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, 2008, members who are not selected by the nominating committee, and inform them of the proper method of placing their names in nomination by petition.



Say HI to Ray WB5WWO \#44893 in Beaumont TX. Ray is at the Ridgewood Retirement home and because of the small size, the folks there installed several Isotron antennas at $30^{\prime}$ for him. Ray turned 87 years old on December 5th. He will be boning up on his CW so please try to make a contact with him.

HI AL - SMILE!!!


Pictured above is Al Toll W6J NU \#40127 at the SW Ham Convention in Torrance, California on Sept 7/8/9 2007. Picture thanks to Doc WB6OJB \#70675

## Open Season Ten MIeter PSIK Contest 2008

Sponsored by Ten-Ten I nternational Net, Inc.
please check for any updated rules at http://www.nwla.com/tenx/oseason.html

## Preamble

The policies and rules for this event in no way affect or modify the polices for other scheduled Ten-Ten events: these events are described in detail on the Ten-Ten web page.

## Purpose

To stimulate PSK activity on the ten meter band.

## Eligibility

Open to all licensed Amateurs with privileges on the digital section of the ten meter band. It is not necessary that an Amateur be a member of any of the following to submit a log for scoring: $10-10,070$, or EPC, or any other organization to enter the contest.

## Date \& Time

Start 0001UTC June 72008 end 2359 UTC June 82008

## Mode

BPSK31 - All contacts must be 2-way BPSK31.
No repeater, cross-mode or cross-band contacts allowed.

## BANDS

Ten meters: digital section
Primary suggested frequency: 28.120 (suggested in case of heavy traffic 28.125) Please note that the Prop-Net system is at 28.131, please do not use this frequency.

## Entry Categories

1. QRP (maximum 5 watts output)
2. Low Power (maximum 50 watts output)

## Suggested CQ

"CQ Open Season de (your call) pse K"

## Exchange

US Stations: Call, Name. State, and all of the following numbers that are held: 10-10, 070, and EPC.
DX stations: Call, Name, Country and all of the following numbers that are held: 10-10, 070, and EPC.
For example: "VE9KM de WA4EEZ, Leslie, FL, 10x 15675, 070 359, EPC 299 qsI ?? BK"

## Scoring

1 point for each contact, plus 1 point for each of the following numbers: 10-10. 070, and EPC.
(For example, if you work a station with no affiliation with any of the three clubs, you get 1 point. If you work a station with a 10-10 number you get 2 points, up to 4 points for working a station with numbers from all three clubs.) No multipliers.

## Entries

Send log data showing date, time(z), exchange received and claimed score. For entries with 50 contacts or more include a dupe sheet listing contacts in call sign alphanumeric order. Be sure to also include your call sign, address, e-mail address, entry class and club member numbers if applicable. Send your entry as a .txt file via E-mail to
openseasonpsk@windstream.net
or via post to
Steve Rasmussen NOWY
312 N 6th Street
Plattsmouth NE 68048-1302 USA
Entries with an excessive number of dupes will be listed as check logs. All entries are subject to verification.

## Submission deadline

All entries must be received by July 10, 2008.

## Awards

Ten-Ten International Net, Inc. will score and give awards to the first place Amateur in the same manner as the ARRL 10 meter contest. Also the top 10 Amateurs will be published on the web and in the Ten-Ten News.

## Northeast Region

(New England, Hudson, and Atlantic Divisions; Maritime and Quebec Sections)

Southeast Region
(Delta, Roanoke and Southeastern Divisions)

## Central Region

(Central and Great Lakes Divisions; Ontario Section)
Midwest Region
(Dakota, Midwest, Rocky Mountain, and West Gulf Coast Divisions; Manitoba and Saskatchewan Sections)

West Coast Region
(Pacific, Northwestern and Southwestern Divisions Alberta, British Columbia and NWT Sections)

Africa
Asia
Europe
North America
Oceania
South America
Also a First Place in the world award will be given to top operators in both power classes.

## General

Ten-Ten International Net, Inc. reserves the right to disqualify entries deemed not in accordance with the above rules or contrary to the spirit of this event. Please direct all inquires regarding this event to kd5de@nwla.com

# Cheet the Aobunters 

A year-long event to find and make contact with all of the people who devote time to keep 10-10 an active organization!

The goal? Make contact with each of the following volunteers during 2008.

| AJ 5ZX ..........Award-WAC | KS4XI ..........Net Control |
| :---: | :---: |
| G4BLH .........Award-GB Counties | KZ3T...........Award-BAR 100-900/VP Lucky 13 |
| KODBK .........Director-Awards Mgr / Counties | NOKDB .........SK Manager |
| KONO ...........Committee Member | NOWY ..........Director-Editor |
| K1IEQ ..........Director - Planning | N3TGB .........Award-1000+ |
| K2BIL..........Committee Member | N5DAS .........Committee Member |
| K4QHH.........Net Control | N5MT ...........Award-Countries |
| K5CC ...........Director - Web/Call Trustee | N6ELK..........Net Control |
| K5ERJ ..........Award-Mobile | N60PR .........Director - Net Control Mgr |
| K5FBS ..........Director - Chaptor Coord | N7PVL..........Net Control |
| K6PZE..........Net Control | NJ 71............Secretary |
| K7QXG .........QSL Bureau Manager | NN11...........Award-WPX |
| KA50VO.......Historian | NS2M..........Net Control |
| KA6RFB........Net Control | VE7ACM .......Committee Member |
| KA9EKG .......Net Control | VE9KM .........Director - QSO Parties |
| KB3KTR........Net Control | WOHIK.........Award-VP/VP WAS |
| KB7ARN .......Committee Member | W1KT ..........Committee Member |
| KB9ARA .......Committee Member | W2BOC ........Net Control |
| KB9MJ ..........Net Control | W6YLJ .........Past President |
| KC70C .........Net Control | W9HT ..........Committee Member |
| KC8IM..........Net Control | W9HZC ........Webmaster |
| KD5DE .........Award-Digital | WA2SUH ......Vice President / Scholarship Mgr |
| KE3VV.........General Council | WA4EEZ.......Director - Relations |
| KE60IO........Net Control | WA6POZ ......President / Data Manager |
| KI60Y ..........Award-CW | WBOCON ......Award-WAS |
| KM5EH .........Award-OM/XYL | WB60BJ .......Net Control |
| KQ4PK .........Net Control | WB7X ..........Committee Member |
| KR7RK .........Treasurer | WD8J KV.......Committee Member |



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. 58: The Revere Theory of Vacation Antennas

The theory is simple: Horizontal if by land and vertical if by sea, (And I on the opposite shore shall be). Of course, neither Paul Revere nor Henry Wadsworth Longfellow is responsible for the name of the theory. But the name is a catchy way of introducing you to why many contest and vacation operators on beaches or on boats use vertical antennas, while at home, they use horizontal antennas.

For 10 meters, vertical antennas are simpler to use on vacation. A central element and some radial wires (if we are using a $1 / 4-\lambda$ monopole) are usually easier to pack than a pair of support masts to hold up a dipole. The dipole is somewhat directional, so a tubular version on a single support mast resolves the turning question, if only by hand. However, that system can be ungainly on some boats. Actually, the choice of a vertical antenna for contests and vacations near or on the ocean depends less on mechanical simplicity than it does on performance.

To see why verticals have once more become popular on or near salt water, let's perform a little exercise. Since I cannot afford a Caribbean vacation at the moment, we shall have to use modeling software. We shall look at four antennas, all simple ones, as shown in Fig. 1. The first is a center-fed vertical dipole with its bottom end 1' above ground. The second is a ground-mounted vertical monopole. The third antenna is simply the monopole raised $1 / 4-\lambda$ above ground with 4 elevated radials. Finally comes the horizontal dipole that is $1 / 2-\lambda$ above ground.


For each antenna, we shall select 4 ground environments. One must be salt water. The other three involve different levels of land-locked ground quality. The standard names are Very Good, Average, and Very Poor Ground. With 4 antennas and 4 ground quality levels, we have 16 tests to tun.

1. The Vertical Dipole. Like all good vertical antennas (but not necessarily arrays of verticals), the vertical dipole has an omni-directional azimuth pattern. So we can confine ourselves to the elevation pattern properties. The vertical dipole uses a 1 " diameter with its bottom tip only $1^{\prime}$ above ground level. We normally bring the feed horizontally from the center point or run coax inside the element to ground level. In either case,
we add a common mode current choke at the point where the coax emerges from the antenna. The following table lists the maximum gain and the elevation angle for the four types of ground.

Vertical Dipole 1' above Ground

| Ground Quality | Salt Water | Very Good | Average | Very Poor |
| :--- | :--- | :--- | :--- | :--- |
| Gain dBi | 5.64 | 0.69 | 0.55 | 0.15 |
| Elevation Angle | $8^{\circ}$ | $17^{\circ}$ | $18^{\circ}$ | $21^{\circ}$ |

The largest change occurs between salt water and dry land. Fig. 2 compares elevation patterns for salt water and average soil. I omitted the other soil types, since they are relatively so close together that they would make a single fat line. The advantage of the salt-water ground is very clear in terms of both gain and a low elevation angle for good DX work.

2. Ground-Mounted Vertical Monopole with Buried Radials. A vertical monopole at ground level is $1 / 4-\lambda$ long and requires a field of radials. On salt water, the metal cladding of the keel or hull would normally substitute for the radial system, but on land, we need at least 32 buried radials for effectiveness. The table is based on a 32 -radial field.

Vertical $1 / 4-\lambda$ Monopole with a Radial Field at Ground Level Ground Quality Salt Water Very Good Average Very Poor Gain dBi
Elevation Angle
4.27
$11^{\circ}$
$-0.56$
$24^{\circ}$
-0.31
$27^{\circ}$
$-1.69$

The shorter monopole is less effective than the vertical dipole, with higher elevation angles to accompany the lower gain. Fig. $\mathbf{3}$ again contrasts just the salt-water pattern with the pattern over average soil. The overall height of the lobes, regardless of soil quality, is immediately apparent. Ground-mounted vertical monopoles find almost no land use on 10 meters, although they are common on ships and buoys.

3. Elevated Vertical Monopole with 4 Radials. The vertical monopole works best on 10 meters when we elevated it. The test case uses a height of $1 / 4 \lambda$ between ground and the base of the system. Above about $0.5 \lambda$, the higher angle lobes tend to dominate, which is not good for DX communications. Once we place the antenna about $2 \lambda$ above ground, the lowest lobe again becomes the strongest, but this height is normally not practical for a boat or the beach.

| Vertical $\frac{1}{1 /-}-\lambda$ |  |  |  |  |  |
| :--- | :---: | :--- | :--- | :--- | :--- |
| Monopole with a | 4-Radial Field | $1 / 4$ | $\lambda$ above | Ground Level |  |
| Ground Quality | Salt Water | Very Good | Average | Very Poor |  |
| Gain dBi | 6.31 | 0.82 | 1.15 | 1.24 |  |
| Elevation Angle | $7^{\circ}$ | $14^{\circ}$ | $16^{\circ}$ | $19^{\circ}$ |  |

The salt-water gain improves by about 2 dB with the $8.7^{\prime}$ elevation of the antenna. The top portion of Fig. 4 compares salt water to average ground for consistency with the preceding figures. The gain over dry land also improves, but presents a seeming anomaly. The gain actually decreases as the soil quality improves. However, as the table and the bottom of Fig. 4 show, the elevation angle becomes (desirably) lower with improving ground quality. The operationally significant matter is the elevation angle rather than the small gain difference across the span of test grounds. Part of the reason for the seeming gain anomaly is the fact that as we improve the soil, the upper or second elevation lobe becomes more pronounced, although it is not problematical at the test height. The higher that we raise the base of this antenna system, the stronger that the second lobe will grow until it becomes the dominant lobe.

4. Horizontal $1 / 2-\lambda$ Dipole $1 / 2 \lambda$ above Ground. For each of our test vertical antennas, the gain over salt water has been about 5 dB stronger than the gain over the best of the dry-land ground qualities. By comparison, the differential among the dry-land grounds has been small. A half-wavelength horizontal dipole that is a half-wavelength above ground has been an old stand-by of vacationers and casual contesters for many decades. The table shows why land operators tend to prefer it to a vertical, while beach and boat operators lean toward vertical antennas.

Horizontal $1 / 2-\lambda$ Dipole $1 / 2-\lambda$ above Ground Level

| Ground Quality | Salt Water | Very Good | Average | Very Poor |
| :--- | :--- | :--- | :--- | :--- |
| Gain dBi | 8.36 | 7.73 | 7.24 | 6.48 |
| Elevation Angle | $29^{\circ}$ | $28^{\circ}$ | $28^{\circ}$ | $27^{\circ}$ |

We find less than $2-\mathrm{dB}$ gain differential between salt water and very poor soil, compared to the 5-dB differential for the vertical antennas. Fig. 5 provides both elevation and azimuth patterns for salt water and the worst soil quality. The dry-land elevation pattern shows where part of the missing

2 dB of energy goes: upward. The dry-land elevation beamwidths are wide enough to encompass the lower elevation angles for the vertical dipole and the elevated monopole, and they are about the same as for the groundmounted vertical. For dry-land, then, the dipole provides considerably more gain than the vertical antenna and becomes the preferred antenna, even if we have to turn it broadside to our targets.

Fig. 5


## 1/2-WL Horizontal Dipole $1 / 2 \mathrm{WL}$ above Ground Elevation and Azimuth Patterns Salt Water and Very Poor Ground

The dipole, however, offers the beach and boat operator with very little gain advantage. The elevation angle increase tends to detract from DX signal strength more than the small gain increase helps it. Therefore, the best antenna for beach and boat operation--among simple antennas in these tests-is likely one of the verticals.

The modeling tests have used a uniform ground medium in all directions from the antenna. The ground reflection region extends for several wavelengths away from the antenna. On a boat, the ocean is everywhere. However, on a beach, we usually have only $180^{\circ}$ to $270^{\circ}$ of salt-water horizon, depending on whether we can find a point of beachland for our antenna. Selecting a place on an island with ocean between you and the main communications targets is good planning.

However, coastal operations have benefited from verticals near the water's edge. Do not think about propagation as a single thin line between you and your target. RF refracts over a broad region. So a coastal path may actually consist of radio waves that go out over the water and return back to land at shallow angles relative to the straight-line bearing between the 2 points.

The next time you operate from a vacation island or boat, do not discount the simple vertical antenna as a highly effective way to make a lot of contacts (propagation permitting). However, over dry land, a horizontal dipole even as low as $1 / 2 \lambda$ above ground may give you the stronger signal.

## C H A P T ER COORDINATOR'S C O L U M N by Cliff Taylor K5FBS \#48461

## General Comments

I can't say anymore about band conditions than has already been said. I sure haven't received many upgrades for the Space Coast Chapter.

If you are the chapter head or chapter head/certificate manager, don't forget that you are supposed to be member in good standing to hold that position.

If you are the chapter head or certificate manager of a chapter and are planning a special for your chapter for any period during the months of May 2008 through August 2008, 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 if one is needed. I would suggest that when thinking about running a special, please take into consideration current propagation. If you want the majority of your members to complete this special and propagation is bad, then a worksheet is the best way to go. (Note: This is primarily for those without email capability.) The same holds true if you are beginning a worksheet during the above period.

I have sent a proposed form to go onto a possible web site at which the chapter's basic information would be contained to the members of the chapter committee. They have unanimously said that it is a good idea. By chapter information, I mean the information that you already send me in the quarterly report plus it would be expanded to include the date of the last quarterly report's submission, the URL for the chapter, and any other basic chapter info. At this website, I would be the webmaster and able to change forwarded information immediately without going through a second party. I will let the membership know if and when something develops.

## Quarterly Reports Due

(Dates Listed are Dates of Last Submitted Report)
(April 2004) Pine State (February 2005) Whitehouse; (February 2006) All American City; (March 2006) Oklahoma Route 66 (April 2006) Elmer J. Fudd Net (May 2006) City of Melbourne; City of Roses/Portland Bridges; Outlaws on 10/Bounty Hunter; Republic of Texas; (June 2006) 10-Bar-X; Concho Valley: Michigan Robins; Minuteman/Old Ironsides (July 2006) Borinage; (August 2006) GB Ten; Kansas Trails; Oregon Trailblazers; (September 2006) Colorado Quartermaster; Milwaukee; Fort McHenry/Cornerstone/ Yodar Kritch; (October 2006) Bauxite; Cincinnati Area 10-10ers; (December 2006) Battle Road; Edmonton Area 10-10ers/City of Champions; Major League Baseball; Palmetto; (January 2007) Keystone/Keystone Stars; Santa Fe Trail; (February 2007) Laurel Mancunium/Roman Invasion/Emperors/Millennium VIP; Oceans of the World/Sun Coast Radio; Restoration Project/Feline Friends(March 2007) Busy Bee; Crazy Eights;

## Chapter News

Alii: If you haven't done a "word find" yet, 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.
Arizona Desert: The CM's address is now: W7MC Serge Ticknor, POB 10453, Phoenix, AZ 85064-0453.
Branding Iron II: The CM is now N5SCA, Daryl Strelow, 902 N . Ridge St., Lampasas, TX 76550-1135. Email address is: n5sca@sbcglobal.net.
City of Light: The CH/CM's email address is now: na9a@comcast.net.
Cypress: This is a new chapter. AF4QT, Charles P. Hennessey, 5142 Mustang Way, Orlando, FL 32810-3323 is the CH. His email address is: mistike415@yahoo.com. The CM is KK3Q, Floyd Larck, 5841 Elon Drive, Orlando, FL 32808-1809, His email address is: cq1010@cypresschapter.org. Information on the chapter can be found at the chapter's website of http://www.cypresschapter.org. Down Under: Jack, ZL1KQ, the CH / CM of the Down Under Chapter has recently had to spend over two weeks in hospital for unexpected surgery. At the present time he has started a period of convalescence at the QTH of a family member. He will not be returning to his home QTH until some minor building modifications are complete to enable him to navigate around safely. Because he will be unable to access his computer or Chapter records for an unknown period he has asked me to post this message and apologies to anyone who may have recently sent any email requesting information or a points upgrade and not received a response. A reply will be sent as soon as he is back home. Likewise anyone looking to contact him in the near future may like to delay their request for a while. The Down Under Chapter continues to meet on Fridays on 28.530 MHz at 2130 Z (we are currently on Daylight Saving Time). As for the last two weeks I
will continue to fill in as Net Controller until Jack is back no his feet and able to take back the reins.
Fort McHenry/Cornerstone: 1) During the month of January, collect Fort McHenry Liberty numbers for 1 point each and collect Cornerstone Foundation numbers for 5 points each. Upgrades must be postmarked no later than February 29, 2008. 2) During the month of April, collect Fort McHenry FSK numbers for 1 point each and collect Cornerstone Rampart numbers for 5 points each. Upgrades must be postmarked by May 31, 2008.
GB Ten: Due to prevailing conditions January's special will be somewhat similar to the "How well do you know Britain" but this time, with a twist in the questions....! Next year is Euro Football Year. As before, the chapter is organizing a Summer Special based around the teams/Countries taking part. As soon as the final teams have been announced you will be invited to take part and pick your own team! Sorry to say that none of the Home Countries have qualified to be part of Euro 2008! To enter, you will need to submit an upgrade to me. This can be for a single point or a single seal...it matters not. You then pick your own team and watch how they progress through the Championship which, next year, are being jointly held in Austria and Switzerland next June/July. Further details announced later on in the year. Your CM is now getting down to organizing paperwork for both specials.
Gold City: The CH is now N4BBQ, Phil Heaton, 37 Jones St., Dahlonega, GA 30533 and Email address is: n4bbq@yahoo.com. The CM is KD5DE, Mel Sojka, 353 Atlanta Ave., Shreveport, LA 71105-5115 and Email address is: kd5de@nwla.com.
Major League Baseball: The chapter is running a worksheet named the "MLB 2008" in January. Here are the details: Complete the worksheet using any letter from the suffix of the MLB's member call sign. You can use all suffix letters but only once. You can ALSO use Wild Cards (WC) You may use any MLB member you work as a WC whose suffix can not be used on the work sheet. IE:

NS2M/WC K6MQ/WC. You may use any mode to make a contact (SSB, CW, PSK, CW, RTTY, FM, AM ), but just on 10 METERS. NO REPEATERS! Starts on January 1, 2008 - Ends on January 31,2008. All worksheets must be in by February 15, 2008. If propagation is poor, I will extend the ending time to complete the work sheet, so don't give up. After completing the worksheet you will receive a WS08 seal and a two hundred point upgrade. Partial credit will be given for uncompleted worksheets at five points per contact. WS08 seals will be collectable for 10 points until the end of 2008 December 31. Send work sheets to n6opr@msn.com New Waterkant: In memory of the NEW WATERKANT Chapter Foundation Day we will run a special activity on 19 J anuary 2008. Rules and worksheet you will find on the tentenlist reflector some days before the start.
Portland 500: The CM's new email address is: portland500@portland500.com or w7ho@arrl.net.
Possum Trot: The CM's address is now: 1407 Brown Ave., Osawattamie, KS 66064.
Route 66: The CH/CM's email address is: ka9add@wowway.com. Tango: The CH's mailing address is LUIBJW, Horacio C. Petrera, Av. Del Liberator 5831, 6c, zip 1428, Buenos Aires City, Argentina

## Chapters that Accept Upgrades Via Email

((As of 6 September 2006))
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.
(* indicates change)
Alii - CM WH6S, wh6s@hawaii.rr.com. Use form available from the CM.
Battle Road - CM KlIEQ, klieq@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, ac6fu@netscape.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@clearwire.net
Branding Iron II - CM N5XJD, n5sca@sbcglobal.net
Busy Bee - CM kc5qcb@suddenlink.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, Colorado Frontier Gang/Centurion/Golden
Aspen- CM WBOCON, wbOcon@comcast.net
Colorado Quarter-Master - CM KCOCMZ, kc0cmz@msn.com
Cradle of the Confederacy - CM K4PO, k4po@charter.net
Cypress: CM KK3Q, cq1010@cypresschapter.org
Down Under - CM ZL1KQ, 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 KD5DE, kd5de@nwla.com
Houston S.H.O.T. - CM N5AFV, afmattis@hal-pc.org

Kansas Trails - CM KB6UPG, kb6upg@willmar.com. Upgrade forms are available at: http://upstel.net/kb6upg/
Keystone \& Keystone Stars - CM KA6GPC, ka6gpc@aol.com Laurel Mancunium/Emperors/Roman Invasion - CM G3RRM, g3rrm@aol.com
Major League Baseball - CM N6OPR, rlfarrow@catalina-inter.net or n6opr@msn.com
Millennium VIP: CM G4PDR, g4pdr@fsmail.net
Minuteman \& Old Ironsides - CM WA1ENO,
wa1eno@hotmail.com
Neanderthal - CM CM DK4QO, dk4qo@t-online.de
New Mexico Mud Ducks - CM KM5EH, buckml@lobo.net
New Waterkant - CM DK7LA, dk7la@t-online.de
North Georgia - CM W4GKF, 10x@w4gkf.com
Oceans of the World \& Sun Coast Radio - CM K4DRZ, dzak@tampabay.rr.com
Oregon Trailblazer - CM KD7FZY, ckckd7fzy@webtv.net Palmetto: CM NJ 4F, nj4f@arrl.net
Peshtigo Fire - CH KE9MA, ke9ma@charter.net - also need number of contacts
Portland 500-CM W7HO, portland500@portland500..com or w7ho@arrl.net
Republic of Texas - CM WD8J KV, ray.moyer@sbcglobal.net Restoration Project \& Feline Friends - CM VE7ACM,
ve_seven_wpc@yahoo.ca
Route-66-CM KA9ADD, ka9add@wowway.com
Sky Blue Waters \& Tin Lizzie - CM KAOZIA,
skybluewaters@att.net. Also submit total contacts, basic number(s) with current point value, 10-10 number with date of expiration.
Santa Fe Trail: CM KA9PCU, ka9pcu2@juno.com.
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 online on the website.
Space Coast - CM K5FBS, CATK5FBS@aol.com
Springbok - CM (for all except Oceania, Asia) W4ZYD,
w4zyd@springboknet.com ; CM (for Oceania, Asia) ZL3KR, zl3kr@clear.net.nz
Steamboat Plus - CM KD5DE, kd5de@nwla.com
Steel City - CM KE9WZ, ke9wz@windstream.net
Trail Driver - CM N5SCA, n5sca@sbcglobal.net
Twin Cities - CM KODBK, kOdbk@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 78112-6034.

## Submission of I nformation

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 ARRL Ten Meter contest is just about over for me as I type this paragraph. The ten meter band has had more ups than downs this second weekend in December 2007. I am sure that Solar Cycle 23 has ended and we have started Cycle 24 as there has been several sun spots on the sun the past three weeks, pushing up the Solar Flux Index to a high of 89 today. It has been at least six months since we had a SFI of 89 , so this new sunspot activity should be the trigger that gets Cycle 24 started! By the time I finish this article, the contest will be history and I will give you a few reports about contest conditions. So good luck and I hope you had as much fun this weekend as I did..

Looking at the last three QSO Parties, the total contacts were considerably down for the Fall CW and the Oct 10th QSO Party. The summer party had several good openings into Texas as six of us were in the top ten scores. Scores in the last two contests were $1 / 10$ th the points we saw in August. With the Ten Meter contest finishing up and almost five hundred contacts in my log, the good propagation this weekend has really helped bring the band back as compared to the poor months of August, September and November.

Update on Ten Meter Contest: My friend Chuck W5PR \#7412 had a good weekend making 1862 contacts but only finding 45 states, 2 Canadian provinces and 13 countries. Since the solar flux did not rise to the same level as last year (100) the long skip was not a factor this year. Chuck worked twice as many stateside contacts as last year! We had two Sporadic E openings each night which had rates of 125-150 contacts per hour on SSB. His total 1862 contacts this year were better than the 995 in 2006 and the 1600 in 2005. But in 2005 the long skip was a bigger factor helping to increase the country count to 40 countries vs 13 this year.

9X Rwanda. Karl K4YT \#37347, flew to Rwanda on business for the new U.S. Embassy building in Kigali on November 30th. He could not get the use of a station to operate during the ARRL 10 Meter Contest as his friend Peter 9X5SP, was not available. This would have been a NEW 10-10 Country if Karl would have been able to operate! Karl operated from Thailand as HSOZDG in the CQWW SSB in October and had some ten meter contacts.

Countries Award: The total number of basic certificates issued is 619 . I had no basic certificate and 3 upgrades this past quarter. Basic Certificates and upgrades are now FREE and you should copy your QSL or eQSL cards instead of sending the originals to save postage. Use the website before you send an application or email any questions to me.

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

3B7C St. Brandon Island. September 7-25th they had a six element monobander at 40 feet and made 7958 contacts on ten. 10-10 members were: Arnold N6HC \#29959, Justin G4TSH \#42972, Nigel G4KI U \#36106,Hakan SM5AQD \#52781, and Falk DK7YY \#23467. They ran several stations simultaneously and online logs have been upload at website: www.3b7c.com . Yasumasa JA6WJL \#72115 worked them on 23 of 28 possible band slots.

3B St. Brandon. "I worked 3B7C for a new 10X the other day. Now trying to work them on 80 m ! Ken G3XPO"

7Q Malawi. Ely I N3VZE \#31856, was using callsign 7Q7CE from the Lake Malawi area from October 4-25th. Activity is usually all bands mostly SSB and RTTY.

CT Portugal. Lars DF1LON \#70324, Diethelm DJ 2YE \#68904, Falk DK7YY \#23467 and others as CT9L.

CX Uruguay, LU Argentina, ZP Paraguay. Andrea I K1PMR \#62272 and Claudia K2LEO, were planning a DX trip to South America in November and December. They were to be on during the contests as CW2C, homecalls/LU, and in the CW contest as ZPOR.

E5 South Cook Islands. Bill N7OU/ E51NOU \#69318, was on Rarotonga from October 8th to November 3rd for a casual SSB effort using low power in his spare time.

EY Tajikistan. Nodir EY8MM \#52767, has been heard using RTTY on 20 meters around 1230z. QSL via K1BV.

J 3 Grenada. I worked J on N7AZ \#43483 as J 3A from Grenada on Oct 27th during the DX contest. Other members were: wife Donna KBOJ OK \#59358, Jim KORH \#69471, Brian KA7KUZ \#66802, and Joe W8GEX \#41393.

JT Mongolia. Naran JT1BV \#63422, and several other JT friends were on in the RTTY contest September 2930th.

KH6 Hawaii. Tetsuo AH7C \#71099, was expected to operate as AH6XX in October and November.

KH8 Guam. Toshi JI3ERV \#39995, and other Japanese friends will be using callsign AH2R. QSL via JH7QXJ.

KH9 Wake Island. Ian G4GIR/ KH9 \#27990, was finally able to get on the air from Wake Island after he got permission from the base commander to put out a wire antenna and operate. He made 1200 contacts into a wire dipole with a tuner, with 30 watts output from a IC7000.

OHO Aland Island. Hans OHO/ SMOBYD \#42001, was on Aland Island for a 24 -hour operation October 1314th.

ON Belgium. Rich NOHJ Z \#41614,was operating as ON9CMV from October 24-30th.

P3 Cyprus. Igor UA3FZ \#42093 and other Russian friends were in the CQ WW SSB as P33W in October.

PJ 2 Curacao, PJ 4 Bonaire \& TI Costa Rica. Kyle WA4PGM \#50763 was on three trips. He began in Curacao as PJ 2/WA4PGM on October 20-23rd with Roy WK4Y \#60893, Dan WOCN \#27026 and Everett WZ8P \#7485. He moved to Bonaire on October 23-30th with call PJ 4E for the SSB contest and in November he was TI5/WA4PGM.

VP2E Anguilla. Mike KC2Q \#16517 and others, plan to be on from Anguilla Island as VP2E/WR2DX between February 11-19th, 2008. Website: www.nadxa.org.

VP5 Turks and Caicos Islands. Robert KOOK \#11984 and Robert KB7UB will be on the island from December 6-11th. They signed VP5E and VP5UB in the ARRL 10M contest, and VP5/K00K and VP5/KB7UB outside the contest. Logs at website: http://www.dxer.com/dxlogs/ and all logs will be posted on LoTW.

XW Laos. Bruce AA4XR \#11635, arrived in Laos about November 10th. He planned to be on the air as XW1B on all bands and modes. QSL via E21EIC.

YA Afghanistan. John T6EE/ KE6GFF \#73749 was on SSB from October to November 12th from Kabul, Afghanistan. This is his third trip since he started using the T6EE call in October 2004. John returns to Afghanistan at intervals and always coincides with the CQWW contest. His station is a FT-897 and amplifier to a wire dipole.

YS El Salvador. Eric K9GY \#22330, was expected to go to El Salvador and operate as YS/K9GY from November 22-25th from a mountain site with a clear access to U.S. and Europe. He has 100 watts from a FT-857D and dipoles.

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

3D2/R Rotuma. Tony, FO5RK/ 3D2AG \#72719,will be on Rotuma from December until the end of J anuary using his 3D2AG callsign. Work commitments will keep Tony busy for two weeks but he will get more air time after December 15th. Website: http://www.3d2ag.fr.tc/ .

3W Vietnam. Stan 3W9J R/OK1J R \#20103, is expected to be in Hanoi for one or two more years. QSL via OK1JN.

A7 Qatar. Kelly NM7H \#38578 will be in Qatar from October to January 2008 using the call A7/GOMKT. He is using a mobile antenna as he cannot put up a fixed antenna.

HI Dominican Republic. Dennis K7BV \#5414, hopes to be HI3TEJ for ARRL DX CW in February 2008. Also HK0 San Andres Island and V3 Belize in June/July 2008. Website: www.qth.com/k7bv/caribe2008.

HR Honduras. A DXpedition to Swan Island off Honduras will happen from March 15-23, 2008. The callsign will be HQ8R. The only 10-10 member is Lane KC4CD \#26312 of the ten operators using one CW, one digital and two SSB stations. Website: www.hondurasdx.com .

PJ 4 Netherlands Antilles. Larry WOOZ \#43471, will be on from Bonaire from December 8-15th. He will be on CW, SSB and some RTTY. QSL to Whiskey-Oscar-Zero-Zulu.

Z Suriname. Starting January 5 to 11th. Members are: Corrado IT9DAA \#30303 and Diego LU8ADX \#64639.

VP6DX Ducie Island. From February 11-23, 2008, look for: Carsten DL6LAU \#58930, Andy UA3AB \#23433, and others. The team will be assisted by Kan JA1BK, who was the DXpedition leader on the first operation (VP6DI) from Ducie. On ten meters they will be using phased vertical dipoles. Website: www.vp6dx.com.

## Miscellaneous I tems \& Notes:

UK Ukraine. "It is my sad task to inform you that my good friend Vitaly Nikodimov, UR3II L \#71321 passed away on Saturday September 8th. Back in the days when we had good propagation, Vitaly often used to join the Ten Ten DX Net on Sundays with Mike N5MT although it was often hard to work into the US from the Ukraine. Vitaly taught me to speak Russian - well, enough for a QSO anyway. He was my friend and I will miss him. 73 Ken G3XPO "
"General DX worked on ten in the last 3 months: VK9AA (Cocos keeling), 3X5A, C91KDT, 3DA0Z0, FY5KE, V51AS, 6W1RY, ZS6BRZ, C52C, C91R. During the CQ WW SSB I worked loads of Ws, areas 1 through 4 with good signals. During the CQ WW CW - not one! There have been openings in Europe and the Middle East fairly frequently. The only 10-10 members I have worked were 5U5U Chris \#45817, ZD7X/ KCOW Tom \#67688 and Bob VP8LP \#8854. Chris and Tom were new countries for me. So that's it from this side of the pond. 73 Ken G3XPO"

You can see the solar progress and graphs at the NOAA website: http://www.sec.noaa.gov/SolarCycle/.
Solar Forecast: http://www.sel.noaa.gov/forecast.html. 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/.
DX Calendar: An interactive DX Calendar based on 425 DX News is available at http://www.dxwatch.com/.

Propagation: Propagation has been poor this past fall in the US as few Sporadic E openings have been observed here in Texas. The last good opening was the Ten Meter contest this last weekend. Expect the daily solar flux to range from 73-93 the next quarter and the monthly flux will stay below 88 until Solar Cycle 24 is recognized by NOAA.

Cycle 23 is almost twelve years old. The flux remains in its lowest range with many days of zero sunspots in November. On December 10th the solar flux was 89 the $\mathbf{A}$ index $\mathbf{1}$ and $\mathbf{K}$ index $\mathbf{1}$ which is 20 points higher than last article. X-ray emissions from the sun have improved some and expect the upturn of the new cycle. Solar activity is low and a chance of a storm/flare is small.

Expect the best conditions on December 8-12th, January 2008 4-7th, February 1-4th, and March 14th. Over the next four months, for USA stations, expect a $15 \%$ chance of DX in the mornings to Asia, Europe or Africa and a $25 \%$ chance into South America or the Pacific in the afternoon. To tell what DX paths are open, use the beacons from 28.175-28.300 (especially 28.200).

New DX members' September to November 2007: Sep: 74814 DG7DBR, 75000 VE9TEN; Oct \& Nov: None.

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

DXIS! 73 Mike Davidson N5MT \#24949

## CONVENTI ON PICS FROM AL N1API \#25468



## MORE CONVENTION PICS FROM N1API



## MORE CONVENTION PICS FROM N1API



## CONVENIION PICS FROM CARL WØHIK \#40678



TOP: ROGER KB7ARN \#44977
BELOW: CINDY N3TF \#58528



TOP: AL N1API \#25468
BELOW: STEVE NOWY \#68684


## 10-10 SCHOLARSHIP FOUNDATION

 SUPPORTERS

We encourage all of our members to support the 1010 Scholarship Foundation. Our goal for 2007 is to fund six $\$ 1000$ scholarships entirely through member donations outside the dues structure. For 2008, recognizing the increasing costs of college, the Board voted to fund four $\$ 1500$ scholarships. The $10-10$ Scholarship Foundation is a qualified 501(c)(3) tax exempt organization and contributions are tax deductible. If you have an employer matching program, 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. At the time you make a donation to your favorite charity, 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, and we appreciate their support.

PLATJNOM
(\$1000 or more) None
(\$100 to \$499)
NOKDB. $\qquad$ Ruth Bartholomew 48715
BRONZE
(Up to \$99)
WA1ENO .Anthony Manna ..... 17874
WB1ARU ..Anne Manna ..... 17875
KAOHZP William Campbell ..... 31562
WD4KYW .J ames Burris ..... 37758
N3FP . John Peters, Jr ..... 47239
K5FBS Cliff Taylor ..... 48461
KC2EWP William Rapp ..... 51778
N3FNE .Peter Dillon ..... 52799
N3NOP Robert Fulton, J r ..... 63098
KR7RK Keith Schlottman ..... 63324
NE4TM .Tommy Melton ..... 65110
NE4LR ..Lillie Melton ..... 65111
NOQE .Scott Mentzer ..... 68075
K90EE .Robert Kopacek ..... 68558
W7ART .Arthur Hoffman ..... 69059
WB2MRX ..Richard Winne ..... 73964
W6LLP .J ames Phelps ..... 74279
DLOGER .Schenk Club ..... 74501
KD8GIQ .Neal Niklas ..... 74804
KE6HVY .Louis Aguilera ..... 74816
N6EKC. Richard Rossback ..... 74818
W4GPL ..J effrey Iddings ..... 74826

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 Merrick, NY 11566-3119

## 10-10 SCHOLARSHIP APPLICANT INFORMATION

This year the 10-10 International Net, through our non-profit corporation, the 10-10 Scholarship Foundation, will fund four $\$ 1500$ 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 six most recent winners of the 10-10 Scholarships in the October 2007 10-10 International News. Over the past 19 years, $10-10$ has funded 71 scholarships valued at \$67,000.

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. NonU.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 from the:

## Foundation for Amateur Radio P.O. Box 831 <br> 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.

## New Life Members



## 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:

## J ack Moore, K5CC W6OI License Trustee <br> 371 Ridge Creek Ln Bulverde TX 78163

QSL cards are available for special events. W6OI was on the air for the Sprint on Oct 10, for the Fall CW/Digital QSO Party on Oct 27,28 and for the W6OI Special Event on Nov 24,25. Louise Chapman (N6ELK) operates W6OI each Wednesday as the 10-10 Net Control Station beginning at 1800 Z on 28.800 MHz . Please include SASE when requesting a QSL via:

## Louise Chapman, N6ELK 3210 Clark Ave Long Beach CA 90808

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

## W60I SPECIAL EVENT

The 4th annual W6OI Special Event was held on 24, 25 Nov 2007. Designated members in all US call areas operated W6OI. Thirty-seven members signed up to operate W6OI. Reports were received from 33 operators. The poor band conditions were reflected in the number of contacts. Fifteen operators reported no contacts and the largest number of contacts reported was 22 by K8YG/KD8CIT. Contacts over the four years of the Special Event reflect the declining band conditions on ten meters. In 2004 over 3500 contacts were made, 258 in 2005 and 492 in 2006. This year 125 contacts were reported, 91 on SSB, 31 on PSK and 3 on CW. Although the numbers were low, Ten-Ten can be proud that dedicated operators made the effort to keep ten meters active. Of special note is that the new Canadian 10-10 club station, VE9TEN was on the air during the Special Event and was worked by WA4EEZ and N3TGB. Ten-Ten thanks the members that operated W6OI and those operators that worked or tried to work the Special Event stations. The 2008 Special Event will be on Nov 22 and 23. Mark your calendars if you are interested in operating W6OI.

# Q-anat Clays 

Compiled and listed by Ruth Bartholomew NØKDB \#48715


It is with sorrow that we note the following Ten-Ten members who are now Silent Keys. We extend our sincere condolences to the families and friends of these SK members whose calls and TenTen numbers will forever be kept in the records of the Ten-Ten Net.
00360 WOAKI .....Kenneth J Schlarman ......Hazelwood, MO
05029 WA2VSQ ..Bill Dages ...................... Manahawkin, NJ
06306 W1QWJ....Richard B Stevens...........Winchester, MA
06345 K1DNW ....Edward J Sochon ................ Plainfield, CT
07026 WB9HVD..Rolla Hightower Jr..................Macomb, IL
08417 WA4NBY ..Richard Ehrhardt ...........Delray Beach, FL
09300 VE4VV......Derrick Belbas ..........Winnepeg MB, CAN
09369 WB8OFR ..Frank B Stilwell III ............Kettering, OH
09851 KJ4SO ......William Winstead....................Raleigh, NC
09879 WAOSQW .Kenneth Carlson.......................Aitkin, MN
10872 WOQAU....Kenneth Wessel.........Independence, MO
11968 WOKHG ....William Ogden .................. Saint Paul, MN
12413 WA4ZRV...David Booher....................Jacksonville, FL
14318 WAOITU ...Dwight Sorensen ............Kansas City, MO
15976 KOOTU .....Larry Neal..................Independence, MO
18207 W2OZA....Richard Robinson..................Yonkers, NY
18425 IK2ISY .....Gian Piero Pucci...................Varese, Italy
19665 KBOTZO ...Ronald Smith............................Cortez, CO
20583 W1MB......Merrill Budlong .....................Cranston, RI
20599 K1GOX.....Raymond Highland.................Westerly, RI
20757 KB8DV .....Gabriel N Alexander..............Sarasota, FL
20999 WB4ZSM ..Audrey N Browne...................Raleigh, NC
24449 WN7SKD ..Robert Sayko ....................... Mukilteo, WA
27819 WA7GQF ..Claude Wilburn........................Helena, MT
28725 W3AQD....Kenneth Wayman.....................Elkton, ME
29578 W8RUS ....J ames Stewart ....................... Portage, MI
30182 N4IT ........Oliver Justice ........................Pikesville, KY

30612 KE6CZ......Gary Payne ...........................Fresno, CA 32446 KE9CH .....J oseph Reames ...............Washington, IL 33384 KD2OQ ....Peter Kitt...........................Syracuse, NY 34730 WA6LXR ...Arthur Jepson..............Laguna Beach, CA 36531 KE5XX......Lawrence Zellers ...........Weatherford, TX 36605 W6ESJ .....J ames Walden ................Santa Rosa, CA 37444 WB3BGH ..Harry S Kszesinski ............Pittsburgh, PA 38311 F6BHG .....Georges Coiffe ..Besse Sur Issole, France 40003 W5USD ....Gerald Wood ..........................Trinity, TX 40366 W8WQ .....Bruce Merrill ..............................Flint, MI 40451 WA1GEP...Andrew Donovan ..................Lincoln, MA 41620 NWOM......George Deas ........................ Omaha, NE 43309 KA9VAM ...Jean Mueller......................West Allis, WI 45525 KA9PZQ ...Bernard Halpern...................Glenview, IL 46901 WB3HNN..James G Logan.................Baltimore, MD 48597 W6YZV......Mable Field .........................Fallbrook, CA 50389 KB5GES....Melvin T Adams ...................Houston, TX 51935 K9RON.....Ronald Warczynski........Merriweather, MI 52080 WA7EKH ..Ray E Leslie .......................Kirkland, WA 52201 KC4IYO ....J ohn Rothert .........................Orlando, FL 54166 KA8EAT ....Bruno Koja .........................Roseville, MI 55321 W6ALT .....Walter Doyel......................Porterville, CA 55536 G4UHE .....Norman Stevens ...................Bristol, ENG 56053 N4YSI ......Daniel Roberson ................Glen Allen, VA 56534 WG1I .......Michael Cooney ...................Medford, MA 56848 W3YJM.....Charles Gilbert .................Ocean City, NJ 57130 W5J X ....... Leonard Jones ...............San Antonio, TX 57667 KG5OV.....William Gustafson ................Lubbock, TX 58927 F3XY.........Robert Piat.......La Ferte Gaucher, France 59886 KB8LYA ....Fred Briggs ......................Royal Oak, MI 59914 AA7YJ ......William Sullivan .................Spokane, WA 61286 NTCIF ......Virginia Gohm .................... Olympia, WA 61500 ZS6CRT ....Don Blackburn ...............Pretoria, S.Africa 62400 KG1S ........Ronald Joubert................Springfield, MA 63819 WBORPA...J oy Bubbles ..................Minneapolis, MN 65133 N4WAB ....Wallace Butler ................Dawsonville, GA 70874 N4BES .....Brian Sweatman ......................Largo, FL 71321 UR3IIL.....Vitaly Nikodimov.............Donesk, Ukraine 72083 KA9FEL ....Walter Selvig .......................McHenry, IL 72431 K0OVQ.....Roy Raney............................Denver, CO

# 10-10 HAS TWO OFFI CIAL DAI LY NETS 28,380 and 28.800 <br> BOTH RUN AT 1800z EVERY DAY EXCEPT SUNDAY LISTEN AND IF YOU CAN HEAR US - JOIN IN I! 

Pssst! - There is also an informal slow-speed (10-15 wpm) CW net at 1700 on Mondays at 28.800


I checked into the daily 28.800 net today and asked if there was anything they would like me to mention in this Third Quarter report. WB60J B Doc asked me to mention about the CW gathering on Mondays $28.8001700 z$ before he calls the regular daily net. This impromptu net is open to all. There usually are a few locals there. All members in the net asked to wish a Merry Christmas to all from LAX.

There is not much to say about the Daily net of the third quarter. There was a couple of openings but for the most only local contacts to report. Here in the Los Angeles area, the home of 1010, we have fifteen to twenty locals checking in. We wish that the propagation improves soon. All daily nets were called in the Quarter.

I would like to introduce to you the Net Controller, NCS, who calls the net on Fridays, 28.800 Tom Warrenburg KA9EKG 70731. I have known Tom several years and we have worked several times. Tom does a great job for us calling the net and you will find him trying to check in most days if there is propagation.

I was first licensed in 1978. My Elmer was WB9USG. I met him from recording for the blind (Fox Tango Newsletters). Also the late Reno W9NA who passed away on Feb 28th 2005. Reno was a very fine gentleman and would help me with my sending skills on CW and would always put pointers my way for Field Day and contests. He is going to be missed. I had my novice ticket till August of 1981, then upgraded to Tech. In April 2000 I upgraded to General. Nets I enjoy checking in to: Country Cousins (\#1183), Springbok (\#BF2224), Chesapeake Bay (\#IQ886), Breakfast Club, Wisconsin Sidebanders, Wisconsin Badger Weather Net, 10-10 International Net (Life Member \#70731). I am also net control for 10-10 International at 1800 z on Friday at 28.800.

I am a member of ARRL (and an OO), A.E.C Walworth Co., ARRL Brass Pounders League. I am medically retired from working for City of Delavan for over 34 years. I am married and have 8 children, 5 boys and 3 girls, 19 grandchildren and 2 great grandchildren, live on a farm 6-1/2 miles NW of Delvan, 2000+ acres plus raise shorthorn steers, sheep and horses, so have lots of room for antennas. I am also involved in Elmer Fudd, Air Force Flyers Club \#481 and Fists \#9701.

I collect Old Time Radio programs, Old Time Movies and early TV shows. Also into meteorology and Space, have my Masters.

Enjoy good old rag chewing. My repeater 443.375 is located on the farm. If you're in the area, give a shout. We are an all weather repeater for SW Wisconsin and Northern Illinois.

I am a veteran of the Air Force from 1959-1962. Was stationed at Castle A.B. in Merced, CA and also took survival training at Stead A.B. in Reno, NV. Was advisor in Vietnam for 1 year. Rank of Captain.

Hope to yack with you on the bands. 73's and God Bless Tom.

Well that's about it. Thanks for stopping by - Bob

QUARTERLY NET REPORT



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

## Top Ten Honor Roll

| $\#$ | CNTCTS | CALL | $10-10 \#$ |
| :--- | :--- | :--- | ---: |
| 01 | 24600 | WA5JDU | 03017 |
| 02 | 11600 | K5GAY | 11825 |
| 03 | 11500 | K0PV | 09902 |
| 04 | 10800 | NS4M | 41176 |
| 05 | 10000 | K6PZE | 01341 |
| 06 | 09400 | N1API | 25468 |
| 07 | 09300 | N5DAS | 35877 |
| 08 | 08600 | AC6FU | 10937 |
| 09 | 08400 | KF7PU | 30021 |
| 10 | 08100 | W3FGU | 16728 |

## Top Ten Clubs

| $\#$ | CNTCTS | CALL | $10-10 \#$ |
| :--- | :--- | :--- | ---: |
| 01 | 09200 | WDOSFT | 37933 |
| 02 | 04300 | K6MQ | 71487 |
| 03 | 01100 | NM5MD | 72385 |


| 1000+ BAR |  |
| :---: | :--- |
|  | 1000 Bar |
| $\frac{\#}{1557}$ | $\frac{\mathrm{CALL}}{\mathrm{KK3Q}}$ |

## OM/ XYL Award

Basic - 10 Teams

| $\#$ | $\frac{\text { CALL }}{\text { N3FNE }}$ | $\underline{10-10 \#}$ |
| :--- | :--- | ---: |
| 42799 |  |  |


| 25 Teams |  |  |
| :--- | :--- | ---: |
| \# | CALL | $\underline{10-10 \#}$ |
| $125^{*}$ | DLOKAC | 73416 |
| $126^{*}$ | DKOHHC | 73417 |
| $127^{*}$ | DKODWK | 73418 |
| 129 | KODBK | 55192 |
| 130 | KC6MJO | 57217 |
| 131 | N3FNE | 52799 |

*Not reported in October News


# VP Award - VP Lucky 13 Award - VP Bar Award - WAS Award County Award - CW Award - Mobile Award - GB Counties Award <br> <br> NOW THAT PROPAGATI ON IS REALLY QUI ET (BUT NOT NONEXI STANT) <br> <br> NOW THAT PROPAGATI ON IS REALLY QUI ET (BUT NOT NONEXI STANT) <br> <br> IT WOULD BE A GREAT TI ME TO GO THROUGH YOUR LOGS AND <br> <br> IT WOULD BE A GREAT TI ME TO GO THROUGH YOUR LOGS AND SEND IN APPLI CATI ONS FOR THOSE AWARDS YOU HAVE EARNED! 

 SEND IN APPLI CATI ONS FOR THOSE AWARDS YOU HAVE EARNED!}

## how?

1. READ the rules FIRST. Too many upgrades are turned back because people just do not read and understand the rules as published, both on the web site and available from the manager of the particular award they seek.
2. PUT THE DATA INTO PROPER SEQUENCE. By 10-10 number for most regular awards, by VP number for VP awards. By state for WAS of either type.
3. IF POSSIBLE, USE A COMPUTER. If no computer, a typewriter is next best choice. If no typewriter is possible, print it out, not just longhand write it. If the award manager cannot read it, how can they tell what you intended to say??
4. Be certain that the dues are paid up to date. No awards will be issued to those who are not 1010 members, nor to those whose dues are expired. With the current change in requirements to show a copy of the dues receipt being no longer necessary, the paid up status is still known to the Manager through the 1010 data base.
5. Remember that once a 1010 number has been used for a particular award, it is not usable for that particular award again. In other words, no duplicates.
6. 1010 members are very active. We have an extraordinary number of 1010 members who have changed their calls within the past few years. This makes a problem for anybody who keeps track of the QSO using only the call. It is much better to use the 1010 number as the control part of the file search. AND to be certain that the 1010 number is correct. It is extremely easy to
transpose numbers, or to misunderstand (particularly with poor signals) the number given over the air. With a computer it is easy to run a sort check on the file periodically by 1010 number, and then by call to double check against repeat QSOs. Be sure to let the computer revert to the original format when finished.
7. KEEP A RECORD on paper of the QSOs you report for an upgrade or award. Too often people ask me if I can let them know which numbers have been used after their computer fails and records are lost. It is just as important to BACK UP your files at a very frequent interval. With the current availability of the 'memory sticks' for both IBM protocol and Apple protocol, one cheap stick can be easily used and updated quickly. A stick capable of 2 Ghz of memory is available from several sources for under $\$ 20$, and 1 Ghz for about $\$ 10-\$ 12$. That is a LOT of QSOs!
8. We like to hear from those upgrading --- keep them coming! Even some have gone back to old files and double checked them against their own records, finding QSOs lost or ignored at the time of the QSO, so it did not get into the 1010 upgrade files. Still poor propagation enough to do that before the ionosphere once again lets us enjoy 10 meters!
9. Need to verify a 1010 Number? Use XXIP - it's FREE. Or if you are web-enabled, go to www.lingerinc.com and use the free lookup program. It is updated almost as fast as the 1010 numbers are issued.
thanks to Carl WOHIK \#40678 for these suggestions



## SPRINT

## October 10, 2007

## TOP TEN

CALL 10-10\# CNTCTS PTS 01 DL8YBM 36109 026/011 0063 02 DK7LA 66048 024/003 0051 03 AF4QT 74651 018/006 0042 04 DB9DF 74506 020/000 0040 DL6DK $39944020 / 0000040$ 05 DJ6QO 30998 015/003 0033 06 WS5H 74387 010/012 0032 K4RRF 49979 015/002 0032 DF3TE 69610 016/000 0032 DH1PAL 69212 016/000 0032 KK3Q 26039 016/000 0032 07 DJ2YE 68904 015/000 0030 08 W5GVP 11572 014/001 0029 KD5ZD 37258 014/001 0029 09 KF5LO 72289 013/001 0027 10 KE5NDN 74588 010/004 0024

## CALL AREA 2

CALL 10-10\# CNTCTS PTS AF2K 33388 000/002 0002

## CALL AREA 3

CALL NA3H

CALL
AF4QT
K4RRF

KK3Q
N4JED
KK4SZ KI4EVA

CALL
WS5H
KD5ZD
W5GVP
KF5LO
KE5NDN
NJ 5T
N5MT KE5NDB W5NDK WX5I
KA5EYH K5CC

CALL
N6XD
KE6RQQ K6VMN
KG6BOV KI6CU

CALL
AC7HI W7MC KR7RK KB5UEU KR7YAN

26039 016/000 0032 49049 005/009 0019 42519 007/001 0015 74764 000/002 0002

CALL AREA 5
10-10\# CNTCTS PTS 74387 010/012 0032 37258 014/001 0029 11572 014/001 0029 72289 013/001 0027 74588 010/004 0024 58487 011/000 0022 24949 009/004 0022 74738 010/001 0021 24910 009/000 0018 67839 008/001 0017 70252 006/000 0012 50708 004/000 0008

## CALL AREA 6

10-10\# CNTCTS PTS 18637 010/000 0020 74224 010/000 0020 31623 010/000 0020 69136 009/000 0018 73349 006/000 0012

## CALL AREA 7

10-10\# CNTCTS PTS 69139 007/001 0015 69078 001/002 0004 63324 002/000 0004 67563 002/000 0004 74819 002/000 0004

CALL K8CMP KB8UUZ W8KNO KB8VJ L

CALL
DL8YBM
DK7LA
DL6DK
DB9DF
DJ 7Q0
DH1PAL
DF3TE
DJ 2 YE

CALL
AD5IF
73372 011/001 0023

## CLUB

73416 016/000 0032 (op: DF3TE)
73417 016/000 0032 (op: DH1PAL)

73418 016/000 0032 (op: DH1PAL)

68588 009/004 0022 (op: N5MT)

## YOU HAVE TO MAKE CONTACTS tO GET RESULTS

## IT WAS A SPLIT DECISION!



# TEN-TEN 

## October 27-28, 2007

## TOP TEN

CALL 10-10\# CNTCTS PTS 01 WN4AMO $73825032 / 0030067$

K4QHH $26040 \quad 025 / 0170067$
02 N2EOC 37549 030/003 0063
03 KK3Q 26039 025/003 0053
04 KD4EDV 74648 021/006 0048
05 KC4TVZ 60783 017/006 0040
06 W5GVP 11572 017/005 0039
07 N4ERM 34524 018/001 0037
08 WS5H 74387 012/012 0036
09 KJ4RV 37776 013/000 0026
10 WA4EEZ $15675012 / 0010025$

## CALL AREA 0

CALL WA6POZ WORTV NOWY

CALL
N2EOC WA2WUH

CALL AREA 2
10-10\# CNTCTS PTS 37549 030/003 0063 65581 005/000 0010

## CALL AREA 3

CALL
NS2M
WA3YLQ
N3TXH
WA3J XW

10-10\# CNTCTS PTS 72143 009/006 0024 73261 001/000 0002 68114 001/000 0002 04377 001/000 0002

CALL K4QHH WN4AMO
KK3Q KD4EDV KC4TVZ N4ERM KJ 4RV WA4EEZ N4ZCG KD4BVG KA4ULH KU4W WA4WHV KL7NL K4SHF KE4HW KR4OE N4EWG KG4WNA AA4PR W4DDR KORRP

CALL W5GVP WS5H KD5DE K5CC KD5ZD

CALL W7MC

CALL AREA 4
10-10\# CNTCTS PTS 26040 025/017 0067 73825 032/003 0067 26039 025/003 0053 74648 021/006 0048 60783 017/006 0040 34524 018/001 0037 37776 013/000 0026 15675 012/001 0025 56067 010/004 0024 64773 012/000 0024 74439 010/002 0022 20986 010/001 0021 60888 008/002 0018 62595 007/001 0015 73837 007/001 0015 32054 007/000 0014 62657 006/001 0013 29730 005/000 0010 74604 004/001 0009 39481 004/000 0008 44248 004/000 0008 74775 004/000 0008

CALL AREA 5
10-10\# CNTCTS PTS 11572 017/005 0039 74387 012/012 0036 33513 010/001 0021 50708 006/000 0012 37258 005/000 0010

CALL AREA 7
10-10\# CNTCTS PTS 69078 008/002 0018

CALL AREA 8

CALL
W8JSM W8PJY

10-10\# CNTCTS PTS 00934 003/006 0012 14574 002/000 0004

## NEW ZEALAND

CALL
ZL1LE
10-10\# CNTCTS PTS 23497 002/000 0004

## CLUB

CALL 10-10\# CNTCTS PTS
KD5BZC 42114 010/001 0021

## CHAPTERS

CHAPTER LOGS PTS
PossumTrot 130231

NorthGeorgia 20064
Cypress 10053
Lonestar 20049
RedRiverValley 20042
S.H.O.T. 10036

ArizonaDesert 10018
C.A.T.T. 20016

Gateway 10010
DownUnder 10004
CrazyEights 10002

## CHECKLOG (thanks!)

CALL
W8IM
K5WX

10-10\# CNTCTS PTS 02173 001/000 0002 01163 001/000 0002

## yOU HAVE TO MAKE CONTACTS tO GET RESULTS

$$
\begin{gathered}
\text { THE CW/ DI GI TAL QSO PARTY } \\
\text { IS NOW SPLIT INTO THE } \\
\text { CW QSO PARTY AND THE } \\
\text { DI GI TAL QSO PARTY } \\
\text { BOTH EVENTS STILL THE SAME WEEKEND } \\
\text { BUT SEPARATE AWARDS!! } \\
\text { SEE RULES ON PAGE } 28 \text { FOR MORE I NFO! }
\end{gathered}
$$

### 6.2 10-10 QSO PARTIES

10-10 QSO Parties are events that are held for fun and to meet old, new and prospective members around the world. The rules listed here are for all general QSO parties. The Anniversary, Meet the Volunteers, and Mobile QSO Parties are specialty events and do have additional rules.

### 6.2.1 WHO IS ELI GI BLE?

QSO Parties are open to all amateurs with operating privileges on the 10 meter band, however logs will be accepted only from active members as of the date of the event. 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 PARTI ES?

There are currently seven QSO Parties held through the calendar year:
Winter Phone - held on the first full weekend in February
0001 UTC Saturday through 2359 UTC Sunday.
Spring CW - held on the first full weekend in May
0001 UTC Saturday through 2359 UTC Sunday.
Spring Digital - held on the first full weekend in May
0001 UTC Saturday through 2359 UTC Sunday.
Summer Phone - held on the first full weekend in August
0001 UTC Saturday through 2359 UTC Sunday.
Sprint - a 24 hour event held on October 10th (10/10)
0001 UTC through 2359 UTC.
Fall CW - held on the last full weekend in October 0001 UTC Saturday through 2359 UTC Sunday.
Fall Digital - 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.
Based on the appropriate band plan for the country of the operator, CW QSO Parties should be operated in the CW area of the 10 meter band and operated using CW only. Digital QSO Parties should be operated in the digital area of the 10 meter band and operated using Digital modes only (RTTY, PSK, etc.). Phone QSO Parties must be operated in the PHONE area of the 10 meter band and may be operated using any approved Phone method (SSB, FM, AM).
The SPRINT utilizes all operating modes in the 10 meter band.
NOTE: A QUI ET ZONE between 28.490 and 28.510 shall be in effect during QSO Parties using the Phone portion of the 10 meter band to allow for others to use the band.

### 6.2.4 ENTRY CLASSI FI CATI ON

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

### 6.2.5 TRANSMI TTER I NFORMATI ON

An operator may operate mobile, portable or fixed. If they change their exchange QTH during the QSO Party, the operator must show same in their log. The operator may enter a log from 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 POI NTS

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 ASSI GNMENT

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

### 6.2.9 QSO PARTY ENTRIES

Logs shall be forwarded to the QSO Party Manager as identified in the 10-10 NEWS or on the 10-10 web site. It is strongly suggested that logs be sent as soon as possible after the close of the event. It is also recommended that DX logs should be sent AIR MAIL to insure they are received in good time. Any logs received with a postmark date AFTER the deadline date will be handled as a checklog. Any logs received more than 15 days after the entry deadline, regardless of postmark, will be discarded.

### 6.2.9.1 ENTRY DESCRIPTI ON

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 1010\#, 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 DEADLI NE

Entries for all QSO Parties listed EXCEPT the Sprint shall be postmarked no later than 15 calendar days (this will always be a Monday) after the close of the event. 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 QSO PARTY RESULTS AND AWARDS

QSO Party results will be posted on the $10-10$ web site about 15 days after the closing deadline for the event, and also printed in the 10-10 NEWS in the appropriate issue. Awards will be issued by the certificate manager for Top Ten Individual scorers in the World, the top Individual scorer in each US Call Area (W0-W9) and each DX Country, and for top QRP, CLUB and CHAPTER.

### 6.2.11 ANNI VERSARY QSO PARTY and MEET THE VOLUNTEERS

These events run from January 10001 UTC to December 312359 UTC.
In the Anniversary QSO Party, entrants may submit a log of contacts with members that have $10-10$ 's anniversary year contained in their membership number.
Example: 2008 is the 46th anniversary year of 10-10 International Net, Inc. Contact with members containing a " 46 " in their membership number (i.e., 72046, 69465, $64654,46126,00467$ ) would count toward the event. Each year the anniversary number changes, making a new group of members the focus of the event and promoting the use of the 10 -meter band. All general rules are applicable with the following exceptions:
During the calendar year (January 1 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.
In the MEET THE VOLUNTEERS event, entrants may submit a log of contacts with members listed in the 10-10 NEWS as being a 10-10 volunteer. One contact per volunteer is permitted, regardless of mode of contact.
In both events, contacts must be made on the 10-meter band with any legal mode (AM, SSB, FM, PSK, CW, etc.).
All submitted logs must contain only one entry for each 10-10 number contacted. Contacts MUST be listed in 10-10 number order and each entry must list the 10-10 Number, Date, Call Sign, Name, QTH and Mode, in that order.
These events are 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 QSO Party Manager as identified in the 10-10 NEWS or on the 10-10 web site. Logs MUST be postmarked no later than January 15 th of the year following the Anniversary QSO Party year entered. Only members in good standing (with dues paid) are allowed to submit logs.

### 6.2.12 MOBI LE 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 QSO Party 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 on-the-air 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 QSO Party manager.
Logs shall be forwarded to the QSO Party manager 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 event. Only members in good standing (with dues paid) are allowed to submit logs.

### 6.2.13 FOR MORE INFORMATI ON

Current information about 10-10 and upcoming 10-10 QSO Parties is always available on the 10-10 web site. 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 QSO Party Manager.

# TEN-TEN NET GUIDE 

as of 8 December 2007

| DAY | ZSUM ZWIN | CHAPTER | QTH | FREQ |
| :---: | :---: | :---: | :---: | :---: |
| SUN | 03000400 | Chief Seattle | Seattle, WA | 28630 |
| SUN | 08300930 | Borinage | Colfontaine, ON | 28785 |
| SUN | 12001300 | Elmer J Fudd Net | Berwick, PA | 28340 |
| SUN | 13001400 | GB Ten | Spalding, G | 28860 |
| SUN | 13001400 | Arlington | Arlington, VA | 29200 |
| SUN | 15001600 | Neanderthal Chapter | Leichlingen, DL | 28355 |
| SUN | 15301630 | Steel City | Chicago,IL | 28420 |
| SUN | 16301730 | Possum Trot | Raeford, NC | 28345 |
| SUN | 17001800 | Major League Baseball | La Mirada, CA | 28380 |
| SUN | 18001900 | Portland 500 | Salem, OR | 28350 |
| SUN | 1930 | North Georgia | Atlanta, GA | 28610 |
| SUN | 21002200 | Possum Trot | Raeford, NC | 28150 CW |
| SUN | 22002230 | SO TX Lighthorse Brigade | San Antonio, TX | 28345 |
| SUN | 2359 | SW FL 10-Meter Moonshine Net | Port Charlotte, FL | 28405 |
| MON | 00010100 | Chesapeake Bay | Chestertown, MD | 28435 |
| MON | 00300130 | Minuteman | Saugus, MA | 28150 CW |
| MON | 0100 | Arizona Desert 10-10 Net | Phoenix, AZ | 28445 |
| MON | 01000200 | Milwaukee | Milwaukee, WI | 28365 |
| MON | 01000200 | Lonestar | Arlington, TX | 28460 |
| MON | 00300130 | Palmetto | Hollywood, SC | 28450 |
| MON | 01300230 | Bauxite | Benton, AR | 28470 |
| MON | 03000400 | Chief Seattle | Seattle, WA | 28630 |
| MON | 12001300 | Elmer J Fudd Net | Berwick, PA | 28340 |
| MON | 1700 | Colorado Quartermaster | Widefield, CO | 28120 PSK |
| MON | 2030 | Space Coast | Elmendorf, TX | 28355 |
| MON | 21302200 | Colorado Quartermaster | Widefield, CO | 28360 |
| MON | 2100 | Oceans of tWorld/Sun Coast Radio | Weeki Wachee, FL | 28375 |
| MON | 2330 | Santa Fe Trail | Galesburg, IL | 28380 |
| TUE | 00010100 | Ft McHenry/Cornerstone/Yodar Krister | ritch Arbutus, MD | 28370 |
| TUE | 01000200 | CO Centennial/CO Frontier Gang | Lakewood, CO | 28340 |
| TUE | 01000200 | City of Lights | St Charles, IL | 28150 CW |
| TUE | 01300230 | City of Lights | St Charles, IL | 28720 |
| TUE | 01300230 | Bauxite | Benton, AR | 28470 |
| TUE | 01300230 | OK Route 66 Chapter | Oklahoma City, OK | 28390 |
| TUE | 02000300 | Concho Valley | San Angelo, TX | 28360 |
| TUE | 03000400 | Chief Seattle | Seattle, WA | 28430 |
| TUE | 03000400 | Bay Area | Hayward, CA | 28475 |
| TUE | 0430 | Aloha | Hilo, HI | 28487 |
| TUE | 12001300 | Elmer J Fudd Net | Berwick, PA | 28340 |
| TUE | 15001600 | New Mexico Mud Ducks | Albuquerque, NM | 28835 |
| TUE | 1800 | Electric City | Melbourne, FL | 28425 |
| TUE | 2000 | Branding Iron | Kemper, TX | 28345 |
| TUE | 23002359 | Fort McHenry | Arbutus, MD | 28370 |
| T/W | 23300030 | Republic of Texas | Euless, TX | 28560 |
| WED | 00010100 | Castle Craig | Meriden, CT | 28375 |
| WED | 0030 | Kansas Trails | Grove City, MN | 28385 |
| WED | 00300130 | All American City | Birmingham, AL | 28400 |
| WED | 00300130 | Minuteman | Saugus, MA | 28409 |
| *WED | 0100 | Cypress | Orlando, FL | 28465 |
| WED | 0100 | Cincinnati Area Ten Tuners | Milan, IN | 28800 |
| WED | 01000200 | Houston SHOT | Houston, TX | 28488 |
| WED | 02000300 | 10 Bar X | El Paso, TX | 28440 |


| DAY | ZSUM ZWIN | CHAPTER | QTH | FREQ |
| :---: | :---: | :---: | :---: | :---: |
| WED | 03000400 | Edmonton Area/City of Champions | Edmonton, ALB | 28520 |
| WED | 03000400 | Chief Seattle | Seattle, WA | 28630 |
| WED | 12001300 | Elmer J Fudd Net | Berwick, PA | 28340 |
| WED | 1700 | Gold City | Dawsonville, GA | 28425 |
| WED | 17001800 | Channel Islands | Oxnard, CA | 28340 |
| WED | 19002000 | Outlaws on Ten | San Antonio, TX | 28644 |
| WED | 22002300 | Route-66 | Boonville, IN | 28370 |
| WED | 23002359 | Michigan Robins | Southfield, MI | 28493 |
| WED | 2359 | Southwest FL 10-Meter Moonshine | rt Charlotte, FL | 28405 |
| W/T | 23590059 | Battle Road | Mason, NH | 28390 |
| THU | 00010100 | Egyptian Radio Club | Granite City, IL | 28420 |
| THU | 0001 | Cradle of the Confederacy | Pike Road, AL | 28350 |
| *THU | 01000200 | Channel Islands | Oxnard, CA | 28340 |
| THU | 01000200 | Gateway | St Louis, MO | 28650 |
| THU | 01000200 | Milwaukee | Milwaukee, WI | 28365 |
| THU | 01300230 | Cowtown | Arlington, TX | 28460 |
| THU | 02300330 | Windfarms | Livermore, CA | 28485 |
| THU | 03000400 | Chief Seattle | Seattle, WA | 28630 |
| THU | 12001300 | Elmer J Fudd Net | Berwick, PA | 28340 |
| THU | 13001400 | GB Ten/Laurel Mancunium | Spalding, G | 28870 |
| THU | 2000 | Branding Iron | Kemper, TX | 28345 |
| FRI | 00010100 | Crazy Eights | McKeesport, PA | 28388.88 |
| FRI | 00010100 | Ft McHenry/Cornerstone/Yodar Kritc | ch Arbutus, MD | 28370 |
| FRI | 01000200 | Sky Blue Waters/Twin Cities/Tin Lizzi | Afton, MN | 28380 |
| FRI | 03000400 | Chief Seattle | Seattle, WA | 28430 |
| FRI | 12001300 | Elmer J Fudd Net | Berwick, PA | 28340 |
| FRI | 1400 | New Waterkant | Boerm, DL | 28355 |
| FRI | 22302130 | Down Under | Auckland, ZL | 28530 |
| SAT | 00010100 | MAINE-iacs | North Haven, ME | 28402.5 |
| SAT | 01000200 | Busy Bee | San Angelo, TX | 28360 |
| SAT | 03000400 | Chief Seattle | Seattle, WA | 28630 |
| SAT | 12001300 | Elmer J Fudd Net | Berwick, PA | 28340 |
| SAT | 13301430 | Springbok | Monroe, NJ | 28755 |
| SAT | 14301530 | Steamboat Plus | Meadowview, VA | 28385 |
| SAT | 15001600 | Republic of Texas | Euless, TX | 28460 |
| SAT | 15101610 | Louisiana Pelican 10-10 Net | Baker, LA | 28450 |
| SAT | 16001700 | City of Roses | Beaverton, OR | 28835 |
| SAT | 16301730 | Boomtown | Burkburnett, TX | 28402 |
| SAT | 17001800 | Lilac City | Spokane, WA | 28390 |
| SAT | 17301830 | Tango | Buenos Aires, LU | 28650 |
| SAT | 1800 | Keystone/Keystone Stars | Brea, CA | 28765 |
| SAT | 1900 | Peshtigo Fire Wisco | consin Rapids, WI | 28370 |
| SAT | 2000 | Restoration Project | Port Alberni, BC | 28747 |
| SAT | 2200 | Alii | Lihue, HI | 28730 |
| SAT <br> (*) New | $\begin{aligned} & 2300 \\ & \text { ew or change } \end{aligned}$ | Oregon Trailblazers | Lander, WY | 28450 |

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

## MEMBERSHI P I NFORMATI ON AND SERVI CES

## 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 MEMBERSHIPS

Please see fee schedule in Section 2 on Page 31

## Primary Membership

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

## Family Membership

Family membership consists of a primary member and one or more family members who qualify as a 10-10 member (has made the necessary 10 contacts) and who reside at the same location and postal address. Family memberships run concurrently with that of the primary member. Add $\$ 5$ for each additional family member for each year. Only the primary member will receive a copy of the 10-10 News.

## Life Membership

Life membership is available and may be paid in one lump sum or spread across two or three years. If you wish information on the extended payment plan, please contact the 10-10 Data Manager.

## Senior Life Membership

Senior life membership is available to anyone who is currently 65 years of age or older. Extended payment plan is not offered with senior life membership.

Family Life Membership is no longer available

## 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 14 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 the pages of the 10-10 NEWS. The price has been drastically reduced to $\$ 5.00$ USD or free if you renew for 3 years. You must also include the additional \$5 US or \$8 DX for shipping.

## 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 on 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 four $\$ 1500$ 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

## 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 $\qquad$
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 $\qquad$

|  | 10-10 <br> NUMBER | CALL SIGN | OPERATOR'S <br> NAME | DATE OF <br> 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 | 口 | \$ | 15 | $\square$ | \$ | 18 |
| Renewals (yearly) | $\square$ | \$ | 15 | $\square$ | \$ | 18 |
| Renewals - 3 year incentive | $\square$ | \$ | 40 | $\square$ | \$ | 49 |
| Family Membership (yearly) | $\square$ | \$ | 5 | $\square$ | \$ | 5 |
| Life Membership | $\square$ | \$ | 500 | $\square$ | \$ | 650 |
| Senior Life | $\square$ | \$ | 150 | $\square$ | \$ | 200 |
| Scholarship Foundation Donation | $\square$ | \$ |  | $\square$ | \$ |  |
| Enter Total |  |  |  |  |  |  |

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

## METHOD OF PAYMENT

[^0]
## 



MAI LED ENTRIES: All submissions must contain this cover sheet (or a reasonable facsimile), the log in UTC Date/Time order, and a Dupe Sheet (if more than 50 contacts) in callsign order or in grid format.
Mail to: Steve Rasmussen NØWY, 312 N 6th Street, Plattsmouth NE 68048-1302, USA.
E-MAI L 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 a summary at head of log. Dupe sheet is not required with a valid e-mail entry. E-Mail to: tentencontest@alltel.net
electronic version of this issue at www.lingerinc.com - logon Winter2008 - password March08 (case sensitive)

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

TIME TO RENEW? EXPIRATION DATE IS ON MAILING LABEL BELOW

FIRST CLASS

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

## Address Services Requested



J ANUARY 2008
(WI NTER)


[^0]:    $\square$ 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)
    $\square$ VISA
    

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

