

10-10 INTERNATIONAL

News

Volume 35 Issue 2

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APRIL 1997 (WINTER)

Feature Story

The S.S. Lane Victory

10-10 Rides Along With History

The S.S. Lane Victory is a veteran of World War II, the Korean, and the Vietnam wars, and is dedicated to the many Merchant Marine sailors who lost their lives at sea while serving their country. It is owned and operated by U.S. Merchant Marine Veterans World War II, U.S. Navy Armed Guard Veterans and associate members.

Built in 1945 at the Cal Shipyard at Los Angeles and armed with anti-aircraft and surface warfare, the S.S. Lane Victory employed a crew of 46 and 26 Navy Guards and was designed to deliver war materials to the Pacific Theater. At the end of WWII, the Lane Victory carried general cargo for the American President Lines and was called back to service for the Korean and Vietnam conflicts. At one point during the Korean War, the Lane Victory, under covering fire from a cruiser and two destroyers, rescued 7009 Koreans from a beach at Wonsan and transported them to safety.

In 1996, through the efforts of Glenn M. Anderson, California chairman of the Merchant Marine Committee of Congress, a bill was introduced which would provide for the acquisition of a merchant cargo ship to serve as a living memorial, which was signed by President Reagan on October 18, 1988. In March of 1989, a work party of Merchant Marine Veterans volunteers went to Suisun Bay to begin to acquire spare parts for the ship, and in June of 1989, the S.S. Lane Victory was towed to Los Angeles Harbor. In December of 1991, the ship was formally recognized as a National Historic Landmark. The total cost of the restoration was estimated at 2.5 million dollars if hired contractors instead of volunteers were used.

The S.S. Lane Victory was named after Isaac Lane who was born into slavery in 1834. Isaac Lane had been denied the right of schooling, but

(Continued on page 20)

How to Submit a 10-10 QSO Party Log

By Garry Cameron VE7ACM

"I'll be working the Ten Ten Contest this weekend" your friend tells you. "I know you aren't a Contester, but I'd really appreciate it if you'd get on and give me a contact. I'll be calling CQ on 28.555". You tell him "Sure, I can do that".

So on Saturday morning you tune up to 28.555, & there he is. You quickly work him, and immediately a loud voice asks you to QSY to another frequency. You do, and when you get there, find several people calling you. You work through the list, and before you know it, you have a dozen contacts in your log. "This is fun!" you think. You tune up and down, answering CQs and having a great time. You notice that there is no contest activity between 28.490 and 28.510, but plenty both above and below those frequencies. By the time the band dies out, you have a surprising number of contacts in the log.

Sunday, you jump in again and have a ball, making contacts all over the place. By the time the Contest ends, you have a pretty respectable score for your first contest. Several locals congratulate you on a fine first effort. Then someone asks "You ARE going to submit your log aren't you?" Your throat goes dry. "Ugh, Sure," you mumble, despite the fact that you have no idea what is required. Fear not! Simply follow the steps below.

FIRST: Carefully read New Contest Rules in the January 1997 issue of the *News*.

SECOND: Carefully read my article *The Dupe Sheet* in the same issue. Now you are ready to prepare your log for submission.

If you use computer logging: (1) Print your log. (2) Print your Dupe Sheet. Depending on your software, this will be either a numerical listing of 10-10 numbers, or an alphanumeric listing of call-signs, or both. If it prints 10-10 numbers only, you will have to add an alphanumeric listing of calls without 10-10 numbers worked. (3) If your software does not automatically indicate prefixes for multipliers, go over your log and mark each new prefix, then total them up.

NOTE: If your software interfaces with a

(Continued on page 18)

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MEMBERSHIP INFORMATION Listed on page 31

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10-10
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News

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DEADLINE FOR NEXT ISSUE

June 1, 1997

Each paid-up member receives 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.

10-10 Chapter activities and reports should be sent to the Chapter Coordinator, Dave Smith, WB6RDK #65812, 1349 Vernon Terrace, San Mateo, CA 94402-3331.



Member
AMATEUR RADIO
NEWS SERVICE

10-10 NET CONTROL STATIONS ALL NETS BEGIN AT 1800Z

Monday (28.380) Dick, K6PZE #1341
 Monday (28.800) Harold "Scotty" Scott, WA6TQC #71
 Tuesday (28.380) Russ, N5EJS #1525
 Tuesday (28.800) Nat, 8P6SA #45858
 Wednesday (28.380) Christine, N7PVL #58018
 Wednesday (28.800) Louise, N6ELK #36654
 Thursday (28.380) Bill, AA6ZW #62075
 Thursday (28.800) Bill, WB6OMH #6608
 Friday (28.380) Jimmy, AE4NA #66957
 Friday (28.800) Sherm, K6PTF #17977
 Saturday (28.380) Ed, KC4RIY #58203
 Saturday (28.800) Al, W6RNX #92
 Sunday "NEVER ON SUNDAY"

President's Message

Tom Henderson
K4CIH #33233



With the coming of spring and the "popping up" of the flowers, one would hope the "popping up" of Ten Meters would also join in. The results of the last contest leave a little to be desired in the area of contacts. Lets hope that the band does open soon.

July, 1997 looms just over the horizon and some pre-registrations for the upcoming convention have slowly been trickling in. Please pre-register for the convention if you are planning to come. This makes accommodations for the banquet and other items on the agenda easier to plan for. Forms for pre-registration and convention are on page 7 of this issue of the *News* and on the tenten web site or may be requested from me by sending a SASE to my address. We have sent out messages to various Ten-Ten Chapters in hopes of receiving donated items for our auction at the convention. A few items have been promised, but we sure would appreciate any items that would add to the fun of the auction. Ruth Bartholomew, NOKDB #48715, has created a beautiful plaque commemorating the convention and this promises to be a much sought after auction item.

As you might know, there will be an upcoming election for President, Vice President, Secretary and 5 Directors. Those wishing to run for office need to communicate with the chairman of the nomination committee and make their wishes known. Information concerning the election are in this issue of the *News*, please take time to read this information. If you have questions concerning the election process please let me know via e-mail or regular mail and I will do my best to answer any questions. My e-mail address is pres1010@aol.com.

The contest scoring chapter has reported that there have been fewer errors in the contest submissions. I am grateful to the membership for taking extra time to make sure they fulfill all the requirements necessary to properly submit correct logs, etc. I know the scorers are much happier when things are done right. I would also add that it is necessary to have rules governing the contests as we do with all our other awards. These rules are to insure fairness to all and must

be complied with to be eligible for awards. Our Contest Committee has and will continue to try to make our QSO Parties both fun and a learning experience for all the membership.

The Officers and Directors are at your disposal for any help or advise we can give to assist you not only in your efforts toward contesting, but also with any of the other award programs. The various award managers are more that willing to assist you. What we need from you is questions you may have concerning various awards, contesting, etc. to enable us to keep you on the right track and properly complete all that is necessary for the awards. If you are concerned that you are not doing things right or do not understand the rules, please let us know and help will be on the way.

I would remind all the membership that 10-10 was founded in an effort to socialize on 10 at 10 in order to promote activity and everyday use of 10 meters. So, the primary purpose of the founding Fathers was to have a social net to promote activity on ten. This has lead to certificates of membership, awards programs and all the rest that has happened on the way. Bearing this thought in mind, one would feel that socialization and good fun was the primary purpose that has motivated people to join our ranks. We still hold those concepts today as being just what the majority feels we are all about. Although we have rules governing our awards, I do hope that we as members still have time to assist and help others develop their skills, as they attempt the many awards and contests. Most of my time spent in amateur radio has been a continued learning experience. I say continued because I not only read and study, but have had great help from "Elmers" along the way, and I still receive assistance from those in the know. To make errors

(Continued on page 4)

INDEX

An-Ten-Ten-as	8	Mobile Notes	26
Award Information	30	New Life Members	21
Awards	22	NewsLine	18
Information	30	Nominations	11
Calendar	22	Personality Spotlight	28
Chapter News	14	QSO Party Dates	30
Convention Information ...	7	QSO Party results	24
DX News	12	Presidents Message	3
Editors Desk	4	Reflections	20
Future Events	22	Scholarship Honor Roll ..	16
Featured Station	6	Scholarship Fund News ...	4
Future of Amateur Radio ..	5	Silent Keys	17
Hill Country Picnic	4	S.S. Lane Victory, W6LV ..	1
Internet Update	10	Treasurers Report	21
Membership Info	21	W6OI on the Air	5

Presidents Message

(Continued from page 3)

seems to be human least we forget, and it sure does make things nice when we have a helping hand to guide us. We try to make the directions as plain as can be, but usually find a word or two that can be changed to make things more understandable. Our goal in this organization is to help the membership learn the proper ways of communications via amateur radio. Some can read the instruction once and have everything down pat, others take a little more time. Sometimes the instructions are not as plain as they could be. Various problems can occur with members understanding instructions and we cannot expect everyone to obtain a perfect score the first time around. So, in summary we stand ready to help learn, experience and continue to have fun with this fine hobby.

Hope to see all of you at the convention and if that occurs, we need more room!! Don't forget to stop by the 10-10 booth at the convention. We will have caps, cups, pins and other memorabilia for sale. Bring extra green stuff with you.

Scholarship Fund News

By Morrie Goldman, W6EHM #4189

The Foundation for Amateur Radio will again administer the 10-10 Scholarship Program for 1997. FAR will administer a total of 60 scholarships for this most worthy amateur radio program.

Licensed Radio Amateurs may compete for these three 10-10 scholarships if they plan to pursue a full-time course of study beyond high school and are enrolled in or have been accepted at an accredited university, college or technical school. The 10-10 Scholarships are for \$1,000.00 each.

Additional information and an application form may be requested by letter or QSL card prior to April 30, 1997 from:

FAR Scholarships
6903 Rhode Island Avenue
College Park, MD 20740-3713

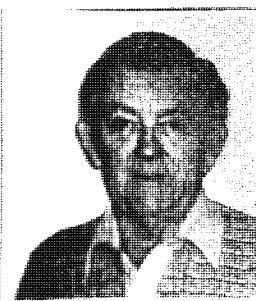
Applicants for the 10-10 Scholarships must provide a written recommendation from a current active 10-10 member (one whose dues are paid current). Applications must be signed and received by FAR prior to June 1, 1997.

NEXT 10-10 QSO PARTY
3-4 MAY 1997 SPRING CW - CHECK THE NEW RULES

from the

Editors Desk

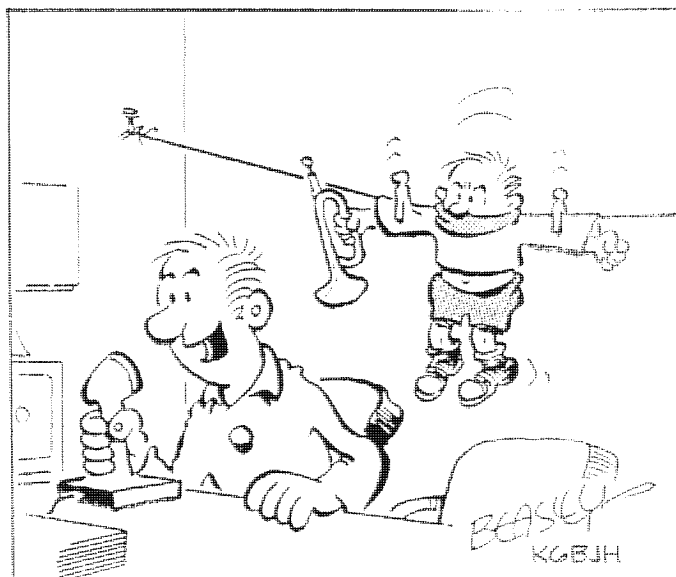
Chuck Imsande
W6YLI #19636



You will notice a completely revised Cover Sheet on page 32 for submitting your logs for 10-10 QSO Parties. This new Cover Sheet was the result of many hours of work by your Contest Committee under the chairmanship of Bruce Paige, KK5DO #65027. The contest committee consists of Bruce along with Joe Dubeck, NA9A #31121 and Garry Cameron, VE7ACM #30939. Inputs were received from many 10-10 members, too numerous to mention and page 32 represents the combined result. The purpose of this new Cover Sheet is to make it easier for you to submit your QSO Party logs and dupo sheets, and make sure by using the *Check List* that you have complied with all rules and that all required items are included with your submittal. With the new multiplier for prefixes worked, the format of a table to insert your contacts and multipliers was developed to make the scoring by you and the scoring chapter as easy and accurate as possible. The Cover Sheet is also reproduced on the 10-10 Web through the efforts of L.B. Cebik, W4RNL #41159, our Internet Coordinator.

It will now be a requirement for you to use the new Cover Sheet on page 32 or the Cover Sheet

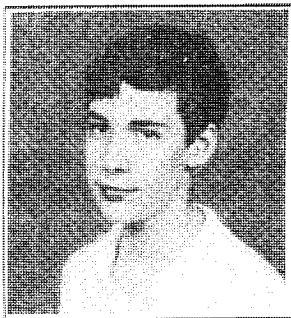
(Continued on page 23)



OK, WILL YOU REPEAT YOUR LAST TRANSMISSION
BILL --- I JUST PUT THE NOISE BLANKET ON

The Future of Amateur Radio

Daniel Mattis, KC5VAT #67877, of Houston, Texas, is one of the young members of 10-10 International. He is a member of the Houston SHOT Chapter, and participates in weekly nets and QSO parties with the chapter. He is also a member of the Brazos Valley Amateur Radio Club (B-VarC). Daniel, who is 13 years old, passed his Novice test in June 1996, and upgraded to Technician Plus two months later.



Daniel is an 8th Grader in the pre-IB (honors) program at Johnson Middle School in Houston. He enjoys music, and plays viola in the school's intermediate orchestra. Daniel also sings in the Beth Yeshurun Hazamir Choir, and plays piano. He has worked in the set crew for theater productions at school, and participates in numerous extracurricular clubs and activities.

Daniel's current hobbies include computer and basketball. In previous years, he played goalie on the soccer team that won first place in its division.

Daniel's father is Allen, N5AFV #27571, the 1000+ bar awards manager for 10-10. We are proud to have Daniel, KC5VAT #67877, as a member of the 10-10 International Net.



Gemi Pascoa, KH6F #37649, of Koioa, HI
and Shirley, XLY of Bob Peschka, K7QXG #5956

W6OI #109 on the Air

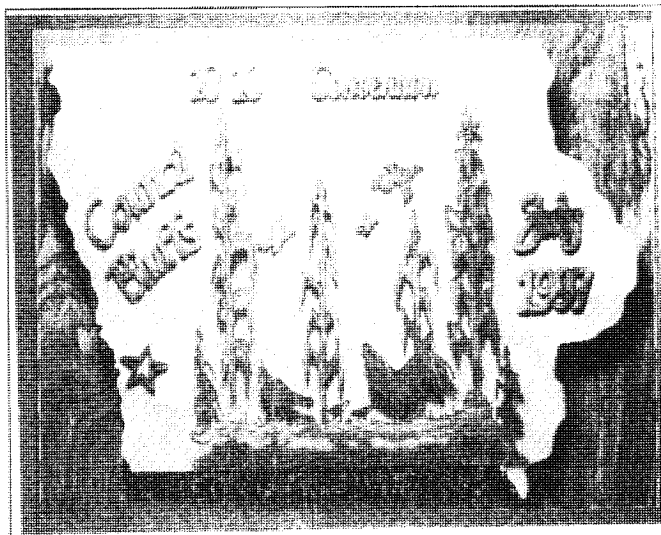
Louise Chapman, N6ELK #36654, has volunteered to be the 10-10 Net Control Operator for W6OI #109 on a trial basis. This will make each Wednesday beginning at 1800Z on 28.800 MHz a very special event. Please include a SASE when requesting a W6OI QSL card via N6ELK, 3210 Clark Ave., Long Beach, CA 90808.

The 10-10 Club Station, W6OI #109, is available to any current (dues paid) 10-10 member or chapter for use as a special event station, Field Day station, etc. Send a written application, including dates of operation, purpose of operation and any other information to: Morrie Goldman, W6EHM #4189, W6OI License Trustee, 21518 Marjorie Avenue, Torrance, CA 90503. Enclose a photocopy of your amateur license.

10-10 Convention Update

Final arrangements are being made for the 10-10 Convention in Council Bluffs, IA on July 10-12 to be the biggest and best 10-10 convention ever. A full schedule of activities are planned along with a great banquet and auction. And speaking of the auction, to be conducted by the world famous auctioneer, Col. Ed Redwine, K5ERJ, a plaque of the state of Iowa commemorating the convention has been designed and created by Ruth Bartholomew, N0KDB #48715 to be offered to the highest bidder. A picture of the plaque is shown below.

A form for your pre-registration is on page 7 of this issue of the *News*. Register today and meet with your 10-10 friends at the convention in Council Bluffs in July.

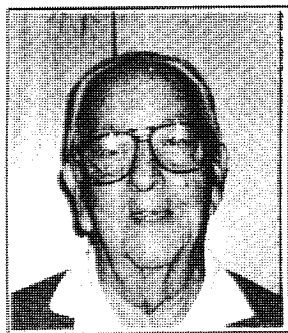


10-10 Convention Plaque by Ruth, N0KDB #48715

FEATURED STATION

By Bob Ryan, K6YVG #18022

This issue, we will honor one of our old time members who has contributed so much to the history of the 10-10 Net.



Dick Rauscher, W6ANK #1931 and his XYL May (deceased) celebrated their 50th Wedding Anniversary in September 1976. Some 125 friends and family joined in the festivities in Haywood, Calif. Dick has lived in Fremont for 36 years and retired after 26 years with an automotive company. He was licensed in 1946 and holds an advanced license. He has been the Chapter Head of the Bay Area Chapter, one of the earliest chapters established by 10-10. In 1973 W6ANK became the designated Northern California 10-10 Net Control Station (NCS) on 28.775 MHz at 1800Z on Mondays and Wednesdays. At the same time, Larry Dundon, K6PNQ #1181 was the Southern California NCS on 28.000MHz. Jim Paine (SK) W6OI #109 was the NCS on Saturdays. The NCS at 28.775 MHz was relinquished and W6ANK became the NC on 28.800 MHz in 1981. Dick operated the NCS for at least 17 years when in July of 1990, Dusty Doster (SK) K8MPN #45795 became the NCS on Mondays and Louise Chapman, N6ELK # 36854 became the NCS on Wednesdays.

Milt Camp, K6OYX #13 piloted Dick and his XYL to the 10-10 Quarterly Meeting of January 1978 aboard the S.S. Princess Louise. The highlight of this meeting was the special recognition of our 10-10 old timers.

Dick succeeded Bob Hartley (SK) W6WPY #14949 as Manager of the 6th Call Area

in January 1979, following the election of Bob Hartley as 10-10 President. He served in this capacity until the end of 1996, when all new memberships and renewals are now processed at the 10-10 QTH in Omaha.

10-10 owes Dick Rauscher a great deal of gratitude for his dedicated service; OVER 17 years as NCS and 17 years as Manager of the 6th Call Area. In commemoration of his long and dedicated service, Dick recently received a plaque from 10-10.

-Authors Note: Tnx to Morrie, W6EHM #4189, 10-10 Historian, for the research in this article.

Club Celebrates 50th Anniversary W1NRG #29650 hits half century mark

The Meriden Amateur Radio Club, or MARC, in Meriden, Connecticut, is celebrating its 50th anniversary in 1997. The club holds the call of W1NRG and 10-10 number 29650. The club call W1NRG, is the former call of Ed Bisschert, a former active club member, and when Ed became a Silent Key, the club petitioned the FCC to memorialize his call and W1NRG was issued as the club call.

On February 27, 1947, following World War II, the Meriden Amateur Radio Club was formed by a handful of radio amateurs at the Meriden YMCA. Membership grew and is now about 100. One member, Frank Darmofalski, W1FD #10226, has been a member for 50 years.

The club works with civil defense, fire and police departments and community organizations in nearby towns to assist in providing communications for the safety of the public. The club also participates in several contests each year and its most recent achievement is being in first place in the 1A division during the 1996 ARRL field day event.

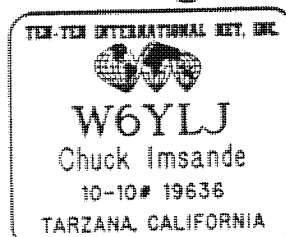
The club is the Castle Craig Chapter of 10-10 and holds a CW net on Mondays at 8:00 PM local on 28.275 and a SSB net on Tuesdays at 8:00 PM local on 28.375 MHz. Listen for this active group of 10-10'ers and check into their net when conditions permit.

CHANGED YOUR CALL? NOTIFY 10-10 - ADDRESS ON PAGE 31

Official 10-10 Badge

Order your official 10-10 Badge from the Sign Man of Baton Rouge, Rick Pourciau, NV5A #49338, 10-10's official badge maker. Cost is \$8.50 post paid. Send Rick the follow-

ing: Call Sign, Name to appear on badge, 10-10 #, City and State. Colors: Green for regular members, Orange for life members and Pink for YL members. Send your order to: Rick Pourciau, NV5A, 879 Castle Kirk Drive, Baton Rouge, LA 70808-6020. Allow 2 wks for delivery.



BADGE SHOWN 1/2 SIZE

TEN-TEN INTERNATIONAL NET CONVENTION '97'

DEDICATED TO OUR VOLUNTEER MANAGERS

Convention Details

The 1997 10-10 Convention, being dedicated to all of our 10-10 volunteers, will be held from Thursday, July 10, through Saturday, July 12, 1997 at the Ramada Inn, 2325 Avenue N, Council Bluffs, IA. Room rate is \$45.00 per night + tax. Registrations should be made direct with the Ramada at 712/328-1084. A limited number of rooms have been blocked for 10-10. There is other housing available in the area. For a list of other nearby hotels and motels, send a #10 SASE to: Tom Henderson, K4CIH, 33233, 4901 15th Place East, Tuscaloosa, AL 35404.

Pre-Registration Prize - A Kenwood TS-50S HF Transceiver will be given to the lucky ticket holder for only those who pre-register for the convention. Pre-Registration tickets for the TS-50S Transceiver are available *only* with your pre-registration for a donation of \$5.00 per ticket. There is no limit to the number of tickets you may purchase. Pre-registrations close June 1, 1997.

Chapter Tables - Pre-registration for Chapter Tables is necessary. Chapter Tables are \$10.00 each.

Board of Directors Meeting - The Board will hold their annual meeting on Friday, July 11th. News from Board meeting will be presented to

the membership during the Board of Directors Forum on Saturday, July 12th.

Ladies Program - A ladies program is being planned and details will be available before the convention date.

Forums - A full day of forums of interest to 10-10 members will be held on Saturday, July 12th.

Hospitality Room - A Hospitality Room will be open for socializing with fellow 10-10'ers on Friday evening, July 11th.

Banquet - The banquet will be held in the main ballroom on Saturday, July 12th. Festivities begin with a social hour at 6:00PM with a no-host bar. Hors d'oeuvres will be served. Pre-registration for the banquet is a *must* so we can give the hotel an accurate count. A few seats may be available at the convention, but to assure yourself a seat, please re-register. Cost of the banquet is \$15.00 per person, including tax and tip.

Prizes and Auction - Drawing for prizes including the pre-registration TS-50S Transceiver and another HF Transceiver will be held at the banquet. The world renown auctioneer, Col. Ed Redwine, K5ERJ, will once again hold one of his famous auctions to provide our auction entertainment after the banquet. Auction prizes are requested from members and chapters.

TEN-TEN INTERNATIONAL NET CONVENTION '97'

PRE-REGISTRATION FORM

PLEASE PRINT ALL INFORMATION - MAKE CHECK PAYABLE TO: 10-10 INTERNATIONAL NET, INC.

NAME: _____ CALL: _____ 10-10 # _____
ADDRESS: _____ APT # _____
CITY: _____ STATE: _____ ZIP: _____
COUNTRY: _____

MAIL TO:

Tom Henderson, K4CIH
4901 15th Place East
Tuscaloosa, AL 35404

Number of Persons @\$5.00 ea _____
Banquet Tickets @ \$15.00 ea _____
Chapter Tables @ \$10.00 ea _____
TS50S Tickets @5.00 ea _____
TOTAL AMOUNT TENDERED: _____

Ladies Tour: YES _____ NO _____
One Day _____ Two Days _____

SAVE YOUR *News* - PHOTO COPY THIS FORM
PRE-REGISTRATION ENDS JUNE 1, 1997

An-Ten-Ten-nas

By L.B. Cebik
W4RNL, 41159



In each issue of the *News*, we shall try to clarify a significant cluster of ideas used in antenna work. Our object is to help you make the best decisions about the antenna you buy or build with out imposing our own prejudices on you. The more you understand, the better your choices will be.

No. 14 EDZs: Stacked and Unstacked

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

The Basic EDZ

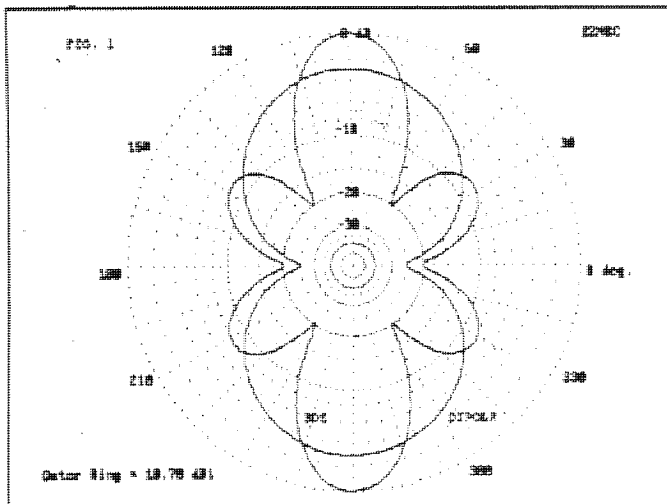
The basic EDZ is a $1\frac{1}{4}$ -wavelength wire antenna fed at the center. Unlike a dipole, precision wire cutting is not required. A 10-meter EDZ needs about 44 feet of copper wire. The feed-point impedance will be about 130 ohms with about 680 ohms of capacitive reactance. I recommend you use 450-ohm parallel feedline to an ATU. Although you can match the EDZ to 50-ohm coax at the antenna feedpoint, you would lose the ability to use the antenna on other bands. For every band 20-meters and up, the antenna is longer than a dipole and thus shows a little gain above a dipole.

At 10-meters, an EDZ up 40' in the air shows about 3.5 dB gain over a dipole. Of course, both antennas are bidirectional. The EDZ gets its gain by shrinking the side-to-side beamwidth of its two

main lobes. The dipole has a half-power beamwidth of about 78° while the EDZ cuts that to about 30° with two small side lobes in each direction. See Figure 1

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

Almost any wire antenna for 10 up in the air 40' has a take-off angle of 12° above the horizon. Take-off angle means the elevation of the lobe with the most power in it. The half-power points are $\pm 6^\circ$ around that angle, so there is plenty of power in the low angles needed for efficient



DXing. But perhaps we can do a little better.

Stacked EDZs

Stacking any two antennas will do two important things for you

1. It will increase the system gain a bit and 2. It will lower the take-off angle a bit. Both those advantages are DXer delights. So let's get crackin' and stackin'. The system I shall show you comes to me indirectly from either a Bill Orr (W6SAI) book or some other article by him or another ham. In fact, if you have an article about stacked 44' dipoles and care to send me a copy, I'd appreciate it. I like to give proper credit whenever it is due.

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

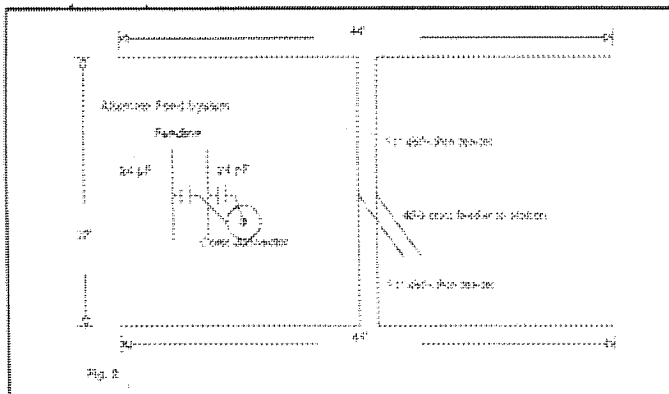
(Continued on page 9)

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆
☆
☆ **A REMINDER** ☆
☆ PLEASE SEND YOUR ☆
☆ SCOLARSHIP DONATION TODAY ☆
☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

An-Ten-Ten-nas

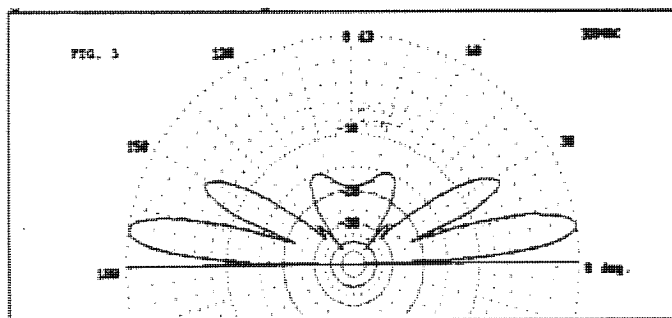
(Continued from page 8)

1. What do I get for my trouble? First, you get 3 to 4 dB additional gain in both directions, depending upon which wire you set at the 40' level, where we placed our one-wire EDZ. If you can put the second wire at about 60' or so, you will get the higher gain, plus a lower take-off



angle of 9°. That puts the bulk of your power in the 10-meter far-DX zone. Figure 3 also shows a secondary lobe at about 28° for shorter paths. If you place the lower wire at about 20' up, you will get the lower gain and a basic take-off angle of 14°. That is still worth while.

2. How do I aim single and stacked EDZs? With care, since they are fixed. In much of the US, the NE-SW corridor gets you both Europe and VK-ZL-land. Or you can broadside N-S for



South America and over-the-pole and back scatter. Or, you can broadside to Asia. Finally, if you have lots of trees or poles, you can build 3 EDZ stacks and switch among them (a nice wiry dream).

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

a. If you wish to use the antenna on 10

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

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

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

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



10-10 Internet Update

L. B. Cebikl, W4RNL #41159

TENTEN-L Coordinator

One of the recurring problems users of the email list have is how to append or transfer files from one e-mail address to another. Many come out as unreadable codes; others contain a few codes that prevent printing and other processing. Some have even appeared in HTML codes. How can we be sure that our files will be usable by the person to whom we send them?

These notes do not apply to regular messages, but only to appended files.

FROM ASCII TO ANSI TO PROBLEMS:

The one text character set that every system and program can handle is the ASCII character set. This limited collection of letters, numbers, and punctuation covers 95% of everything you would ever want to say in plain language. It is also called DOS-Text.

Windows uses an augmented character set referred to as ANSI: it contains all the ASCII characters plus others. ASCII text will print on an ANSI system, but not always the other way around.

Most word processors, spread sheets, and databases use character sets and text encoding systems that can only be read by the program from which they emerge--plus a few others in the same family. Most word processors have conversion modules to accept most schemes and translate them into their own scheme. In general, e-mail hates all of these schemes and makes hash of them.

So, to be sure that your text can be read, downloaded, or printed at the other end of the line, the only safe route is to send "pure ASCII."

APPENDING OR INCLUDING: Many e-mail systems have ways of appending documents in their native formats. IF your recipient has the ability to handle appended files and IF that recipient also has the program for reading the file in its native scheme, then it is ok to use appended files in their native format. But, not everyone has the ability to meet both these demands.

To overcome the demand for a program to read an appended file in its native encoding scheme, it is safest to convert the text into pure ASCII before appending it.

To overcome the demand on the recipient to handle appended files, try to include the material in the body of the message itself.

ASCII plus INCLUSION = success every time.

GETTING TO ASCII: One of the most difficult tasks for users of Word, one of the Microsoft text editors attached to Windows (either 3.1 or 95), or one of the editors based on MS Word is getting a pure ASCII text. Here are a few hints.

Find a copy of Word Perfect for DOS 5.0 or 5.1: the DOS-text conversion in this program is complete. All encoded spacing, like TABS and INDENTS are converted into groups of hard spaces. Only ASCII text remains. Xywrite is another word processor for DOS that leaves ASCII texts in good order.

In Word or its derivatives, save the file in DOS-text with no formatting preserved. Word itself gives you more than one DOS-text option: choose the most crude and fundamental one.

Before doing the conversion, get rid of a few troublesome items. Foremost among them are text indentations used to line up text after an entry number or bullet. Set the text in left justification and let every line reach the left margin.

Set the entire text in a monospaced typeface, such as Courier 12 point (= 10 pitch). This ensures that line lengths are accurately revealed in WYSIWYG.

Limit line lengths to about 64 characters. This is less than your screen will show on most e-mail systems, but your printer may default to 10-pitch Courier and characters beyond the margins may disappear.

There are a number of ASCII text editors floating among the shareware and freeware of the world. TED (Tiny Editor) is one. Compose your text for transmission on one of these programs (which are amazingly compact--under 100 kB, compared to the 223 MB for my recently installed Corel Suite 7 for Windows 95). The result is pure ASCII.

WHY ALL THIS CONCERN FOR ASCII? It is easy to deceive ourselves into a funny way of thinking. We work hard mastering a program so that it produces beautiful screen and paper products. We have put so much effort into mastering this much of the program that we take offense and become stiff necked when some folks tell us they are having trouble with the file we sent. We think that maybe they should do some work on their end of the line.

What we have forgotten is that communications, whether on the air or on-line, places great responsibilities on the sender of information. If we really want to communicate effectively, we

(Continued on page 11)

BECOME A 10-10 SCHOLARSHIP VOLUNTEER

Send your contribution for 1997 to the
Scholarship Manager, Morrie Goldman, W6EHM #4189
(address on page 2)

10-10 Internet Update

(Continued from page 10)

have to make it as easy as possible for the receiving station or computer to understand what we have transmitted. We carefully adjust our SSB signal for maximum clarity. We practice CW until the code is as perfect as we can make it. We adjust our transmitters for clean signals of high technical quality.

Similar thinking applies to e-mail messages and text transfers. Even if it means more work, we need to go the extra mile to ensure that the recipient can read and process our transmissions. For example, there are somewhere over 150 revisable files at Lehigh in the combined archives and web site. The processing time for a revision or replacement file literally doubles—and sometimes triples—if the file does not arrive in pure ASCII, preformatted in monospaced typeface with all TABs converted to hard spaces. At the rate folks change their texts, that means a lot of hours of excess work.

Now multiply that work by the number of people to whom you might send a piece of text in a year's time. For every extra unit of work we make for the recipient, we lose a unit of effective communication.

So ask around and be on the lookout for ways to preconvert your texts for e-mail transmission into pure ASCII. Local resources are usually available if we ask the right questions and if we are not afraid to ask. If we had not asked the right questions about radio, we would never have become hams. The same applies to e-mail. If the person you ask says you gotta have Browser 3.0 or only the latest version of complex software, ask another person. (Yes, some hams only do AMSAT, etc.) The answers are available, and usually easier than you think.

Remember: the sunspots never set on the Internet.

Attention - Mom's and Dad's

Do you have a teenage boy or girl that has their ham license, and their own 10-10 number? Or maybe you know of a teenager of a friend that is a ham and has a 10-10 number. We are looking for teenage hams that are 10-10 members for our column "The Future of Amateur Radio". The NEWS would like to do a feature story about your teenage son, daughter or friend. Send information and a picture to the Editor, the address is on page 2 this issue of the NEWS.

Call for Nominations

Canaditantes for Officers and Directors for 1998 now being accepted

Ten-Ten will be holding elections for Officers and Directors in 1998. The following offices will be open for nomination. President, Vice President, Secretary and 5 Director positions. Members wishing to be nominated may do so by the following policy and procedure:

1) Members must have been a paid up dues member for two years immediately preceding their nomination.

2) Members may be selected for nomination by the Nominating Committee or petition for candidacy.

3) Members wishing to be selected by the Nominating Committee must have their information in to the Committee prior to November 15, 1997. Send an SASE to the Chairman of the Nominating Committee, Al Britton N6TXT #50198, 8431 Hidden Valley Circle, Fair Oaks, CA 95628. You will be sent a nominations form which must be returned by November 15, 1997.

4) Members who are not selected by the Nominating Committee will be notified, in writing, by the Chairman of the proper method of petition.

5) 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 February 15, 1998. The Secretary will verify the validity of the petitions and the eligibility of the candidates and place the names on the ballot along with those names submitted by the Nominating Committee. All petitions will be sent to the Secretary, KA5OVO Dave Prichard, 16314 Thunderbay Drive, Houston, TX 77062-5111.

Northern Kentucky "Ham-O-Rama"

The Northern Kentucky Amateur Radio Club will hold their Ham-O-Rama 97 on Sunday, June 8, 1997, at the Erlanger Kentucky LionsPark. Prizes and forums. Indoor exhibit area for major vendors. Extensive outside flea market.

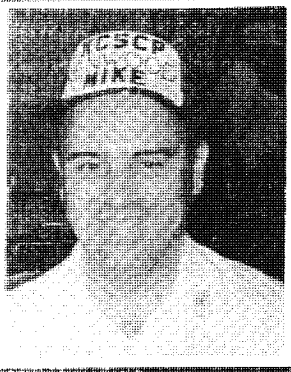
For more information contact Robert Blocker, N8JMV #48828, PO Box 1062, Covington, KY 41012.

• Some people wake up and find themselves famous others stay up all night and become notorious.

• To get something done, a committee should consist of three people, two of whom are absent.

TenX DX News

By Mike Davison
N5MT #24949



The greatest DXpedition of 1997 and possibly of all time happened during January on Heard Island. The VK0IR DXpedition was a huge success in many areas, well organized by many dedicated individuals like Ralph K0IR #2629 and other members, and it was expensive \$300K! They made 80,673 contacts, a world record that will go down in the history of amateur radio! They began operating on January 14 and worked non-stop until the 27th when bad weather conditions forced them to prepare to leave early. They departed the island by helicopter two days later with 30 tons of equipment. In spite of poor propagation conditions, many stations worked them in Europe, the eastern US and Japan. Twenty meters was the most productive band where I worked them both modes.

What happened to VK0IR on ten meters? The MUF between the US and VK0 never made it to 28Mhz. My friend Bruce WD4NGB called them with his big yagi and thought he had worked them! But, NO stateside contacts made the log on ten! They tried the band often and only worked about 200 Japanese and a few Europeans. Can anyone confirm a 1010 number swap for a new one?

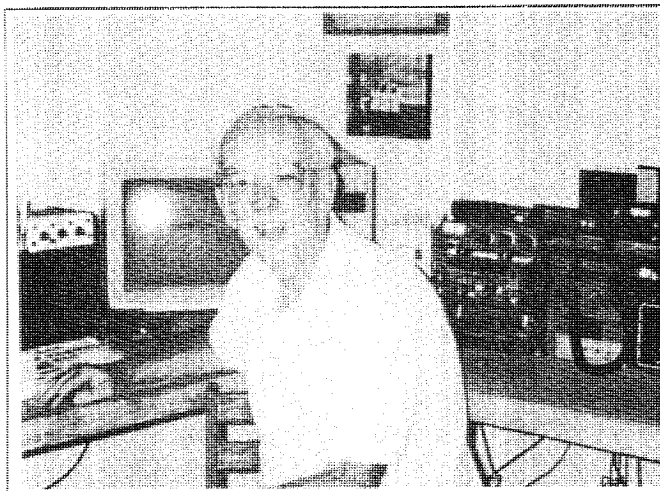
The ARRL Ten Meter Contest was a great joy for one local member, KE5FI Chuck #7412. Operating from super station, K5XI, Chuck may have won it by working 1300 contacts that weekend. This station located about 90 miles north of Houston, had a 200-foot tower with many elements on ten! I was in Louisiana during the contest, visiting N5EJS Russ at his station, when I worked Chuck about 200 miles away on backscatter. Chuck is a first class contest op, a good lawyer and the past president of the Texas DX Society. During the contest, Chuck was called by ZS8IR (same as ZS8MI #64647) operated by Chris from Marion Is. Happy to get the new multiplier for the contest, Chuck forgot that he needed Marion Island for a new country for himself. I congratulated him on missing a new country, as I paid for ZS8MI membership but, I have not worked the station ... yet.

Don ZS6AQS #61510 Chapter Head Springbok Chapter Int. from South Africa, wishes all members a happy birthday March 1, the 5th Anniversary of the Springbok Chapter. The chapter has grown beyond his expectations and they now have over 1600 members, in all 50 states of the US as well as close to 50 DXCC countries. Listen for ZS6NB Ken #63494 daily on 28425 at 1400Z. Chris, the operator of ZS8IR on Marion Island, told Don that he has a receiver on all the time on 28.480 kHz.

St. Peter & St. Paul Rocks DXpedition began February 3 with ZY0SK Karl PS7KM #39920 on SSB and ZY0SG Tino PT7AA on CW. These rocks, located on the equator in the middle of the Atlantic ocean, are half way between S.America and Africa. The islands are only about 1/4 mile long, inhabited only by birds and crabs with a small lighthouse on the tallest rock. There are no trees for shade, no sandy beach, no hotel, no water, just rocks and ocean. Karl & Tino stayed in tents for shade and protection from the daily rains. They must bring everything needed for survival and operate the DXpedition, and be sure there is a boat available to pick them up! The island is seismically active, with many tremors felt each trip. Karl has done a good job of giving out contacts from this island on four trips. The small fishing boat they ride on is very low budget, the boat goes to fish, the hams get a 1500 mile ride. When the fishing is done, the hams go home to fill out QSL cards and rest up for next year, hi.

Here are some comments by Karl: "I tried to work 28Mhz several times but the band was dead. On 09 Feb., around 2000Z, my friend PY5EG told me how 10 was starting to open. Immediately, I went there. I worked 77 stations,

(Continued on page 13)



Bill Smith, W9VA #2706,
at the contest station PS0F in February 1994

TenX DX News

(Continued from page 12)

from USA and South America. No European stations. Signals were weak but very audible. Around 2110Z, propagation was going down! Last station logged was **WF2S** Stephen #39920. I was running 100W out, into Kenwood TS50. Antenna: Vertical ground plane for 10-15-20 meters. Only SSB QSL to Karl M Leite, Rua Estacio de Sa 1838, 59054-580 Natal, RN, Brazil.

Upcoming DXpeditions & New 10-10 Country Activity:

BS7H 1997 DXpedition to Huang Yan Dao (Scarborough Reef). A multinational team, led by **BZ1OK** and **JA1BK**, will set sail from the southern Chinese port city of Guangzhou (a.k.a. Canton) on April 28. They will begin a one-week operation from Scarborough Reef on April 30, using the call sign **BS7H**. Operators include Jim Duffy **W6EU** (ex-**WA6AUE** #4722), **BZ1OK**, **JA1BK** (who will also serve as QSL manager), **JA1RJU**, **N7NG**, and **W6RGG**. The **BS7H 1997** Home Page is <http://www.iglou.com/n4gn/sr/> or contact Tim Totten, **N4GN** (ex-**KJ4VH** #41856), Email: **N4GN@iglou.com**.

Colon Is. Group in Panama by **HP2CWB** Jose #42071, **Emilio HP2DFU** #62294 and **Ricardo HP2CTM** #64642. They have operated from several Panama islands recently. Possible callsigns: **3F2A**, **H32A**, & **H82A**. The QSL is complicated as Jose uses a mail box for incoming ONLY. You need to put an SAE and IRC or greenstamp with your QSL for him to mail it back from Panama! Do not use US stamps. QSL: Jose Ng Lee, Dir.Dist.LTD, PTY-201, POBox 02-5275, Miami, FL 33102-5275.

J52IM Guinea-Bissau Africa by Dave Bendt #24392 is on the air. Dave expects to be in J5 until mid 1998. Due to poor propagation this past winter, we have not made a QSO on ten. Conditions will improve this winter, so we should have a good chance to swap numbers for a new country before he leaves for another foreign service posting. QSL to his manager **KB9XN** #57389 Howard Barbrey, 306 Greenfield Cir, Geneva, IL 60134.

Willy VE6JO #35994 will be in Raratonga South Cook Island from February 24 to March 10, 1997. His call assigned to him is **ZK1JOO**. QSL to Willy Markhasin, POBox 234 Stn.M, Calgary, AB, T2P 2H7 Canada.

Insua Is. Portugal by **CT1EEB** Jose #5896, **CT1DVV** Tony #38986, **CT1AHU** Carlos #23437 and seven other operators, will be on from July 24-28th. Watch for them as **CQ2I** a multi single entry in the 1997 IOTA Contest!

Nicaragua YN2LAC by Luciana **AB6WE** #64963 from Grenada Nicaragua is the only 1010 number active from this country. We talked on 28.442 at 1732Z. I used the XXIP database to find his forgotten 1010 number. QSL to **AB6WE**. Randy **KB0YHU** heard me and Luciana swap numbers but Randy was not able to work Luciana.

Fernando de Noronha PY0ZFO by **W9VA** Bill #2706. Bill has operated from PY0 several times but has not advertised his 1010 number as most contacts are contest style. He operated **PY1ZFO/0** (88), **ZY0FX** (89,90,92), and **PS0F** (94). He was back on the island during the ARRL CW DX contest in February using the **PY0FF** call owned by Andre who is not a member. If you worked Bill as **PY0ZFO** before or after the contest, QSL to Bill Smith, 1345 Linden Ave., Deerfield IL 60015. See photo.

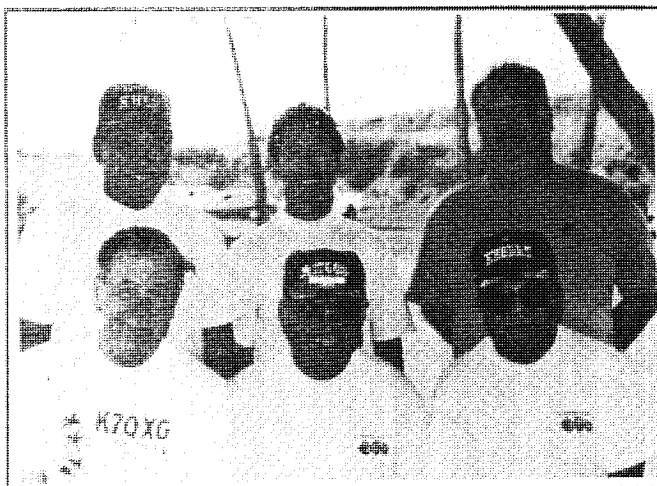
Propagation: Solar flux will range from 79-95 during the Spring of 1997. As I write this, the Solar flux is 73, the A index 9 and K index 2,

(Continued on page 28)

The Alii Chapter

In February 1997, the Alii Chapter of 10-10 held an outing at Salt Pond Park in Kauai, HI. Among the guests were **K7QXG**, Bob and his **XYL Shirley**. During the day two other hams visitors, Bob **N1DDZ**, #38668 and his **XYL KA1OUY** from MA stopped by to say "hello".

The Alii chapter operated a Field Day station from this park last year and will do so again this year. If anyone is interested in joining the Alii group on Kauai for Field Day in 1998, contact Bob, **K7QXG** and start making those plans now.



Top row L to R: Gemi, **KF6F** #37649, Sam, **NH6SJ** #51801, Clifford, **AH6HF** #48578, Bottom row, L to R: Bob, **K7QXG** #5956, Clarence, **KH7B**, #34749, Evillo, **KH6DRT** #33751

Chapter Coordinators Column

Dave Smith
WB6RDK #65812

Newly Affiliated...Portland 500, Screaming Eagle X-10 Chapter, Route 66, Channel Islands, Chesapeake Bay

Affiliations pending...Pine State Chapter, Bangor, ME

Reaffiliated...None

No Longer Affiliated...Erie Extension Canal, War Eagle -- No reports for over 15 months.

In Extremis....59/62, Battleroad, Blue & Grey, Bluebonnet, Branding Iron, Branding Iron #2, Crater Lake, Kansas Trails, Lindbergh, Peach State International, Hudson Valley Hamsters, Keystone, Republic of Texas

REMINDER...To remain affiliated with 10-10 International, all chapters must fill a chapter report at least once each year. This information is used to update the 10-10 Awards Guide and the monthly Guide updates. We don't want the membership wasting their time and money on a chapter that is no longer active. If the name of your chapter appears above, please advise the Chapter Coordinator if there has been a change in status of the chapter.

UNSOLICITED LISTS...It has come to my attention that some members are receiving unsolicited chapter lists via both mail and email without benefit of a **VALID** recent contact. I might remind you that this is not in the spirit of paperchasing. Lists are to be exchanged only after a bona fide QSO. I quote from the article, "How to Be a Paper Chaser", Collecting Points: "The object of paper chasing is to collect points from fellow paperchasers and to use these points to

build your own point value in any given Chapter. It should be noted that these points are earned by working the station whose points you are collecting either over the air or on a certificate list after a legitimate contact. It is not proper or legal to claim points you have heard someone give to others. You must contact the station in order to claim his (or her) points. The same applies to any Chapter Specials that may be going on."

This simple form of paperchasing etiquette is extremely important, especially if you are a new comer to Ten and not sure about the procedure. You can always write or email me or one of the well known paperchasers if you are unsure what to do.

BACK-UPS...Those of us who are CMs and Paper Chasers and keep our records on computers I urge you to back-up your data regularly. Regardless of the method, get into the habit of backing up on a regular basis. All it takes is one time and it will pay for itself and it could save you a lot of grief and time. Consider it like an insurance policy.

CHANNEL ISLANDS...Basic requirements are 5 contacts including one IQ. Basic certificate is 2+2 and all subsequent awards and upgrades are 1+1 or SASE for number only. CH: Bill Allan, N6XD #18637 and CM: John Gagliardo, AC6PX #65823, 4404 Anchorage St., Oxnard, CA 93033. Nets are Wednesdays at 1800Z and Thursdays at 0100Z on 28.400.

EAGLE WATCH...For those attending Iowa 97 convention please bring 5 copies of your 10-10 dues card and \$5.00 donation for the drawing of the hand made quilt entitled *Cathedral Windows* in queen size. Valued at \$900.00 of which Eagle Watch will donate 50 % to the Scholarship Fund. No limit to the number of chances one can purchase.

FORT McHENERY/CORNERSTONE...From 01-30 Apr 1997 collect Fort McHenry DE-FENDER numbers for 1 FTMCH points each. Collect Cornerstone BULKHEAD numbers for 5 Cornerstone points each. Upgrades must be postmarked no later than 31 May 1997.

GATEWAY CHAPTER.....Gateway Chapter is going to be celebrating its 25th anniversary and is going to have an eyeball the weekend of June 8, 1997. If you are going to be in the St. Louis area drop in for an eyeball. Contact Don Ward, W0RTV, for further details or email at donw0rtv@juno.com

GB TEN...Effective 01 Jan 1997 the basic requirement for joining GB Ten Chapter has been raised from collecting 50 points to 3,000 points. Instant qualifiers have not been changed. Only the minimum points have been updated. This increase will now bring the minimum require-

(Continued on page 15)

TEN-TEN STAMPS

ORDER FOR ALL OF YOUR CORRESPONDENCE
144 SELF STICK FOIL STAMPS \$5.00 POSTPAID

ORDER FROM: 10-10 International Net, Inc.
643 N. 98th Street #142, Omaha, NE 68114-2342

Chapter Coordinators Column

(Continued from page 14)

ments in line to enable you to qualify for the first four seals.

KANSAS TRAILS...After 01 Jan 1997, all Kansas Trails members who have completed the 'Freight Hauler' worksheet will have available worksheets and their designators for a new seal based on Cooke County, TX. There will be 24 early settlements and communities, 5 items regarding modes of transportation, 7 cattle trails, and 5 people who were influential in the county and the town of Gainesville.

Many thanks to WB5HWI, Hank for his research and maps of the area during the 1800s....

MULE TOWN...Beginning 01 Jan 1997 the Tennessee Bicentennial seals will no longer be issued and will become collectable for 1 point each. No retroactive contacts. All contacts must be made after 01 Jan 1997 UTC.

OCEAN STATE & QUAHOG...Here is an email I got from George W1SQM and Lucille KB1BIG:

"It is with deep sorrow, that we have to QRT the Ocean State and Quahog Chapters. Due to a combination of computer problems, the database for the chapters has been corrupted. In the hopes of salvaging the database, we sought the help of experts in this field to retrieve the information, but their efforts proved fruitless.

Endeavoring to reconstruct the information for these chapters would be a monumental task. Certain information is impossible to recover, such as bonus points for specials and the basic point values that members had when we took over the chapters in 1993.

We wish to thank all of our members who supported Ocean State and Quahog. These chapters became a most enjoyable part of our lives and we made many new friends because of them.

As of this writing, (26 Feb 96), these chapters are QRT."

PORTLAND BRIDGES...New address for the CM, Dave Becker, K7PRZ, PO Box 3346, Portland, OR 97208.

MEET YOUR 10-10 FRIENDS IN COUNCIL
BLULFS IOWA AT THE
10-10 CONVENTION - JULY 10-12, 1997

ROUTE - 66... The Route-66 chapter started in December 1996, to join work one I.Q. (all charter locals are I.Q.'s) or collect 25 pts, then 2+2 for a certificate and number, or S.A.S.E for a number only. All applications must send a copy of their 10-10 membership card or it won't be processed. Our nets are on Saturday at 17:30z On 28.370. CH KA9ADD, Larry Roth

We now have 78 members, as soon as we get 100 members I will have a Route-66 Special called (Route-66 BINGO) the special will run for three months.

LIST OF CHAPTERS THAT ACCEPT E-MAIL UPGRADING. (current to 15 Feb 97).

All of the listed chapters generally need previous, new, and total points and seals claimed. Any transaction with the CM which 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 is noted below. To be added to, deleted from, or make changes to the following list of e-mail upgraders must be made in writing, or e-mail communication between the Certificate Manager and the Chapter Coordinator...

Air Capital - CM K5ERJ, address: k5erj@aol.com

Battle Road - CM KC1FV, address: kc1fv@aol.com - Need basic number and current point value Old, New, and Total points and contacts. Contact Rich via e-mail for info on the retrieval of the upgrade form designed for use with upgrading via e-mail, packet, or TCP-IP.

Bay Area - CM WB6RDK, address:

(Continued on page 19)



Bob Crowley, N1DDZ #38668 and XYL Pat, KA1OUY of Sudbury, MA during recent trip to Hawaii

Honor Roll

SCHOLARSHIP FUND VOLUNTEERS

During the last quarter the following 10-10 members have become Scholarship Fund Volunteers for the year 1997

07734 W0WO Colorado Bighorn Museum
23857 W0RBO Marc T. Campbell, Jr.
57051 KC4RHW James E. Whittlesey

Don Zielinski, K0PV #9902, Contest Manager and Curator of the Colorado Bighorn Museum in Genoa, Colorado made the donation in memory of the late Karl T. Dreher, W0WO.

James E. Whittlesey, KC4RHW #57051, Certificate Manager of the Springbok Chapter International, U.S.A., Canada, South America and Caribbean Call Areas, made the donation in memory of all Springbok and 10-10 members who have become SKs.

It is encouraging that many 10-10 members are now becoming Scholarship Fund Volunteers by making a contribution with their dues renewal:

08940	KJ6IJ	Stanley M. Cleveland
20155	WB2SPP	John R. Cippolletti
21967	P4IDP	Irwin Provence
24552	W3FQE	Lee A. Benson, Jr.
28868	N6QU	Martin J. Reid
31115	KE4DCM	Orlyn Fowler
33743	WA6HJD	Jim Sheble, Sr.
43640	WD5CRG	Arthur Douglas, Jr.
48845	WB4CLG	Fay P. Wilson
50117	KB6QAQ	David Lawrence
56741	N7KZJ	David J. Williams
58332	KC4MWL	Manuel Grimaldi
58551	N3DQW	Raymond Godfrey
59739	KD4AMP	Jon Beaver
59754	KD4BTU	Patricia Beaver
60193	KA1TZR	Donald G. Hudson
61732	WB2TAE	Marion R. Youngs
62298	PY2YN	Susumu Isoya
63842	N0SOT	Benjamin E. Allen
64049	N9JGU	Roger D. Forshee
64151	KD6RMA	John F. Flower
64185	KC6SMU	Nick Sarkady
64216	N2UMM	Marianne Cippolletti
64676	EA5GNT	Jean Alexander
64780	KC4VNF	Ken MacDonald
65036	KJ5KQ	Michael E. Caldwell
65461	K1WQL	Timothy M. Thomas
65599	N2YUO	Ed Vasquez
66690	KS4OX	Elena Maya-Scott
66920	KE4OJM	Stephen M. Gouthro
67025	WA5VGI	William T. McFarlen
67325	KE6PID	John R. Buckham
67434	KF9VO	Arthur D. Code

67528 KE4EZF Dan A. James
67572 N0TDK Joseph S. Tesar
67812 KA5TXR James P. Banks

Their donations are sincerely appreciated and help 10-10 to continue its support for three \$1,000 scholarships each year.

You can become a Scholarship Fund Volunteer by sending your contribution to: Morrie Goldman W6EHM #4189, Scholarship Manager, 21518 Marjorie Avenue, Torrance, CA 90503-6418. Make your check payable to the 10-10 Scholarship Fund.

You will receive a Certificate of Appreciation for the year 1997 in appreciation of your contribution.

Gateway Chapter To Reach Quarter Century Mark In June 1997

The Gateway Chapter was founded in St. Louis County, Missouri, in June 1972. Now, 25 years later, the chapter plans a month long-celebration. Norm Kahdeman, WB0CCF #2933 one of the charter members of Gateway, is directing the special activities.



Gateway has the distinction of having operated a weekly net every Wednesday since June 15, 1972, beginning at 8:00 p.m. central time on 28,650 kHz. The net on June 4, 1997 will be Gateways 1,305th consecutive net. You are invited to check in whenever band conditions permit.

A certificate suitable for framing will be awarded to each 10-10 member who works five (5) or more Gateway members during June 1997. Send a simple log showing date, call, name and 10-10 number of each Gateway member worked to Norm Kahdeman, WB0CCF, 9854 West Vista Dr., Hillsboro, MO 63050-3117. Enclose \$1.00 and your name and address. If you want your certificate mailed flat, not folded, include two 32 cent postage stamps along with your dollar.

Over the years, Gateway members have enjoyed many "Eyeball" picnics in St. Louis County parks. A "Birthday Party" will take place in Tilles Park on Sunday, June 8th, site #4. All Ten-Tenners are invited to participate.

**CHANGED YOUR CALL?
CHANGED YOUR ADDRESS?
NOTIFY 10-10 IMMEDIATELY - ADDRESS PAGE 31**

10-10- SILENT KEYS

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

00261	WA3DJT	Jack C. Baer, Titusville, FL
00721	WA3ITL	William J. Schmitt, Pittsburgh, PA
01607	W3FXG	Malcolm O. Marple, Maple Glen, PA
02181	WB9AHJ	Theodore A. Winkel, Madison, IN
02458	W9WWC	Leslie R. Burckle, Green Bay, WI
02841	W0MCN	Carl Heinen, Roseville, MN
04893	W3UHM	Sigmund Muszynski, Carnegie, PA
05105	W2HWS	Bruce T. McCoun, Quogus, NY
06190	W6DOT	Gene J. Pera, San Francisco, CA
06342	W8MYZ	Miles S. Ericsson, Tawas City, MI
06827	W1WFM	William Heavens, Clearlake, FL
07060	WB6EFZ	Herman H. Heidel, Santa Ana, CA
07969	WA6BPX	Wyatt H. Berry, Garden Grove, CA
08829	WB8JET	Roy J. Bain, Youngtown, AZ
09437	W7RO	Ervin W. Madsen, Salt Lake City, UT
10516	WB0NNK	Guy K. Clark, Wichita, KS
10782	W2MMN	Harold B. Ingraham, Fair Lawn, NJ
12944	N0RB	Robert O. Boller, Wheatland, MO
13092	W3AQY	William Howard MacIvor, Erie, PA
15961	W0VGZ	Wilbur G. Colvin, Golden, CO
16081	WB0WIM	R. J. Webber, Caledonia, MN
16220	KI4EA	Marvin D. Solomon, Ashville, NC
16584	WA2AFQ	Gerald P. Chovan, Utica, NY
16694	WB3HER	Herbert A. Wirth, Corapolis, PA
17312	WB6GZE	William A. LaPorte, Moreno Valley, CA
17380	W6TOQ	Ted Gradjelick, Sr., Simi Valley, CA
17491	K4CFN	George R. Morgan, Jr., Murrells Inlet, SC
21809	WB5VPW	Carl E. Cash, Wewoka, OK
22119	W4EGH	Claude H. Ragsdale, Jr., Blair, SC
22517	N0RF	Don Griffith, Evansville, IN
22790	WB5MSF	Wayne W. Thornberry, Albuquerque, NM
23967	WB1FDY	John R. Vota, North Providence, RI
24857	W4CYB	W. J. Wortman, Charlotte, NC
28328	K4LHB	Thomas M. Gooding, Sterling, VA
29337	KA2CKS	Erika Broehl, Oyster Bay, NY
29646	KD5EN	Jesse L. Yeara, Hoganville, GA
30945	G3EKP	James E. Whittle, Belthorne, Lancs.
ENGLAND		
31688	WA6WYD	Robert J. Johns, Port Hueneme, CA
32032	KD4PV	J. A. St. John, Nashville, TN
32429	W9IN	William J. Stopka, Chicago, IL
33330	K2EEL	Lionel E. Riley, Punta Gorda, FL
33397	WB2GYS	Gerald G. Silverman, Tinton Falls, NJ
33765	K6BPY	Gerard Q. Decker, III, Mariposa, CA
34186	W0HSH	W. Bruce McLeon, Sioux Falls, SD
34562	K4GVV	Thomas D. Giles, Jr., Panama City, FL
34564	KJ4MW	Glenn H. Walker, Port Richey, FL

34848	N2AMJ	Marvin Thomas, Vineland, NJ
35171	W9JRR	Robert J. Stone, Wolcottville, IN
35345	W1LIC	Reginald F. Linscott, Ellsworth, ME
35560	KB3WA	Anthony V. Mantia, Wexford, PA
35603	KA7LWK	Clayton M. (Bill) Dempton, Medford, OR
36683	WA6VJP	Edward A. Sanders, Oxnard, CA
36849	KD0AS	Paul Weland, Arnolds Park, IA
39602	W7LHW	Millard T. (Red) Clotfelter, Poulsbo, WA
40576	W2UTJ	William E. Schraft, Rome, NY
40696	WD0AEI	William L. Olson, Wichita, KS
40730	WF4V	Erwin J. Donadt, Port Richey, FL
41291	W9VYG	Alex Kutchik, Sun City West, AZ
41293	NM9W	Steve Gayda, Crown Point, IN
43095	KA1PXT	Lowell Kent, Stonington, ME
43445	WA0QZE	Paul L. Irwin, Wichita, KS
45209	WA1AXQ	James A. Andrews, Jr., Brockton, MA
45280	N1CVG	Adam Stein, III, High Point, NC
45309	N4CSO	Sam F. Bennett, Oak Ridge, TN
46274	N7JNX	Walter W. Dye, Anaconda, MT
47454	ON4KFM	Freddy Defrise, St. Jean, BELGIUM
48299	N9FFP	Amzy J. Banning, Brookville, IN
48422	K4WYF	Robert B. Hudson, Jr., Vidalia, GA
48842	KF8GK	Robert M. Dern, Martinsburg, WV
49745	W2NZV	Erik Eriksen, Pocono Summit, PA
49824	K8AMG	Gerald Justus, Ferndale, MI
52685	W6LWI	Virgil A. Kroeger, Temple City, CA
52706	3B8CA	J. A. Cantin, Grand Bay, Mauritius, AFRICA

53971	W0CWJ	Donald R. Smith, Junction City, KS
54623	WA7OXN	Robert S. McGahuey, Duvall, WA
54891	KA5NSU	Walter R. (Russ) Hilgerson, Baker, LA
55038	KA1KME	Ronald R. Beaulieu, Presque Isle, ME
56057	K4HYM	Rolland L. Barnes, Linden, NC
57459	AB4XI	Richard Little, Decatur, GA
57765	N8NGG	Claudio T. Graxirena, Madison, AL
58284	AC4OE	Rabun S. Mills, Birmingham, AL
58556	AA3CA	Donald Cramer, Millville, DE
59402	KA2MTL	William J. Sylvester, Pleasantville, NJ
59833	KF8OU	Wendelin P. Lipp, Rock Creek, OH
59945	KB7MQI	Marvin Listoe, Everett, WA
61289	KA7FJE	Paul E. Lang, Phoenix, AZ
64534	WA3HXA	Harold Bienvenue, Glenshaw, PA
64929	KB6JEX	Stanley A. Vinoski, Whittier, CA
67101	W1LZB	Wilmer D. Lanoue, Braintree, MA
67216	W4BJD	Larry W. Smith, Fayetteville, NC

Please send all Silent Key listings and/or corrections to:
Grace Dunlap, K5MRU #218, Silent Key Manager
PO Box 445, LaFeria, TX 78559-0445

SUPPORT THE SCHOLARSHIP FUND
SEND YOUR 1997 DONATION
TO THE SCHOLARSHIP MANAGER
TODAY - ADDRESS ON PAGE 2

Submitting a Log

(Continued from page 1)

database to fill in names, etc., you should **disable** this feature for the contest. If you don't your log will contain numerous errors. For example many people give a different name out over the air, than shows in the database. Also someone who has recently moved or changed calls will not show correctly in the database.

If you log by hand: (1) Using a Grid-style 10-10 Number Dupe Sheet, go over your log contact by contact. Cross out any dupes you find. (2) Dupe contacts without a 10-10 number by callsign. Attach either a Grid-style Alphanumeric Dupe Sheet, or a list of non-member calls in alphanumeric order to the 10-10 number Dupe Sheet. (3) Neatly rewrite (or type) your log, leaving out the dupes you crossed out. Here is a sample line of what your log should look like:

DATE	UTC	CALL	NAME	QTH	10-10	PTS	MULT
2/1/97	0130	VK2ACM	CLINTON	NSW	38951	2	Y

A sample log, showing a number of contacts with and without 10-10 numbers, points, multipliers, etc. is available for an SASE or SAE and IRC from VE7ACM (Canada), G4BLH (UK) or KK5DO (USA).

(4) Cut out, or photocopy, the Cover Sheet from the back page of your *News*. For US members, this will automatically provide Proof of Paid-Up Dues thanks to the mailing label. DX members will have to either cut off and attach the mailing label from the envelope the *News* came in, or attach a photocopy of your membership card. **NOTE:** If you have renewed but your mailing label still shows your old renewal date, attach a photocopy of your canceled check or money order receipt. Remember, you must provide **proof** of paid-up dues.

(5) Fill out the Cover Sheet. Chapter Assignment is optional. If you are a member of a Chapter in your area, you can assign your log to it. Your score will still appear in the individual results for your area, but it will also be added to the total Chapter score. If there is no Chapter in your area, or you don't want to assign your log, fill in **NONE** here.

Make sure you fill in the Cover Sheet **completely**. It is **your** responsibility to fill in the Cover Sheet, **not that of the scoring Chapter**. Area From Which You Operated is very important, especially if the number in your call does not match that of the call area from which you operated. For example KB6UPG, operating from Minnesota, would fill in a 0 (zero) here. Otherwise, his score might appear in Area 6.

(6) Place your completed Cover Sheet on top

of your log sheet(s) and dupe sheet(s). Staple or paper clip together, give or mail to the Contest Manager of your local chapter if you have one, or place in an envelope addressed to the scoring Chapter, and add sufficient postage. (You may have to take it to the Post Office to be weighed). That's all there is to it. Good luck in the next QSO Party.

10-10 NewsLine

Items of Interest for 10-10 Members

RFI PROBLEMS: Whether you are having problems with interference from or to electrical/electronic devices, the Technical Coordinator in your section or one of his assistants (technical Specialists) may be able to help. Remember if you are dealing with a neighbor, tact and understanding will go a long way in getting cooperation. In addition, you may find it helpful to purchase the ARRL book, *Radio Frequency Interference: How To Find It And Fix It*. Also a free pamphlet for the consumer is available from ARRL HQ, "What to do if you have an electronic interference problem"

..... *tnx ARRL Communicator*

ONE-BY-ONE SPECIAL CALL SIGNS: After an eighteen year lapse, one-by-one special event amateur station call signs are once again available. the program was originally requested by the ARRL as part of the "Vanity" call sign program. Although final action on the Notice of Proposal Rule Making has not yet been approved, the FCC has gone ahead and implemented the program on a temporary basis.

Special event call signs consist of a single prefix letter (K, N, or W), the region number (0 to 9) and a single suffix letter (A-Z, except the letter X). There are 750 such call signs. there is no charge to obtain the call sign.

You must indicate the nature of the event and certify that the event is of special significance to the amateur community. The special event call sign can be used for a period not to exceed that of the special event, or for 15 days, whichever is less.

..... *tnx W5YI Report*

HAM NEWS ON THE WEB: The latest W1AW News Bulletin and the ARRL letter can now be obtained on the World Wide Web via the ARRL home page (<http://www.arrl.org/>).

Another source of ham news is *Newsline*, an independent news service originated by pro-

(Continued on page 23)

Chapter Coordinators Column

(Continued from page 15)

dsmith@s m r n.com - Any Bay Area member who still does not have a basic number and desires one, 2+2 US Mail if certificate desired, or SASE or e-mail message for number only.

Branding Iron - CM KA5VVD, address: ka5v vd@v vm.com

Branding Iron II - CM N5XJD, address: n5xjd@n-link.com

Broken Hearts - CM K4CIH, address: k4cih@aol.com

Colorado Centennial - CM N0CKW, address: N0CKW@GW.N0QCU.AMPR.ORG

Colorado Frontier Gang - CM WB0CON, address: WB0CON@juno.com

Dollchasers - CM KA5OVO, address: ka5ovo@aol.com

Eagle Watch (including Wildflower and American Wildlife) - CM KC4SDU, address: kc4sdu@aol.com

Electric City - CM WA2OIZ, address: WA2OIZ@nexusprime.org

GB Ten - CM G4KHF, address: mcrawshaw.parkhigh@burnley.ac.uk

Great Lakes - CM WA8OXS, address: wa8oxs@aol.com

Great Smoky Mountains - CM W4RNL/N4TZP - address: cebik@utkvx.utcc.utk.edu - French Broad and Holston programs should be submitted via US Mail.

Houston S.H.O.T. - CM N5AFV - address: afmattis@i-link.net

Kansas Trails - CM KB6UPG, address: KB6UPG@aol.com

Mississippi Lighthouse - CM N5LBZ, address: n5lbz@aol.com - Flame Bearer, Blue Seal, Beacon Shaft, and Gold Seal upgrades via e-mail, all other via US Mail.

Muletown - CM N5JQJ, address: sprins@edge.net - submit previous, new, and total points collected and contacts. Seal upgrades continue to be handled by the CM via US Mail.

Okie Relays - CM K5IS, address: K5IS@am.net

Old Ironsides - CM W1MXI, address: w1mxi@juno.com

Peshtigo Fire - CM KA9BLI, address: ka9bli@itol.com - points and seals upgrade submit total, new, and previous, need total contacts for chapter

Portland 500 - CH/CM N7YBX, address: n7ybx@pcez.com

Portland Bridge - CM K7PRZ, address: k7prz@prodigy.com

Restoration Project/Feline Friends - CM VE7AAP/VE7ACM - address: catsncar@cedar.albemi.net

Sky Blue Waters/Tin Lizzie - CM-WB0RCC - address: CEwards@isd.net..in addition to old, new and total points. Submit total contacts; basic number(s) with current point value, 10-10 number with date of expiration.

South Texas Lighthouse Brigade - CM N5DAS, address: N5DAS@juno.com...old, new and total points, total contacts, and date of issue of original certificate.

Twin Cities - CM WA4KUP/KC6MJO - address: kimble@freenet.msp.mn.us

These addresses are as current as the information provided to me. If any one is incorrect: if you would like your chapter added to this list: or if you would like your chapter removed from this list: contact the Chapter Coordinator, WB6RDK Dave via email, dsmith@smrn.com...

I must have my report in to the editor of the 'News' no later than the first 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 my hands prior to the first of those months. Often chapter or special information is received too late to make the issue on a timely basis...the column for the January issue for instance must be submitted to the editor around the 1st of December, so if your special is to run 1 through 31 December, it should be in my hands prior to 1 September to be in the October issue, as the following issue of the 'News' will not be out until January after your special is over. Chapter information is printed on a space available basis; sometimes not all information received can be printed.

Hill Country 10-10 Picnic

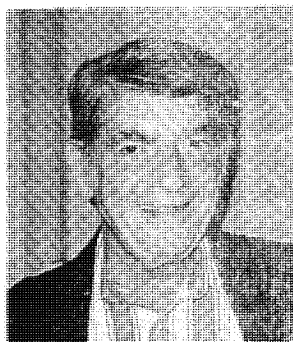
The 9th annual 10-10 Hill Country Picnic will be held on 1 June 1997 at the QTH of Jack, K5CC (ex K4NF). All 10-10'ers and anyone interested in 10-10 are invited. Texas Barbecue will be served with lots of other good food.

Several 10-10 club stations will be handing out 10-10 numbers and certificate managers of several chapters will be in attendance offering an opportunity to exchange numbers or join chapters. For a flyer with more details and directions contact Jack Moore, 371 Ridge Creek Ln., Bulverde, TX 78163. Telephone 210/885-2194. E-mail: jmoore@texanet.net.

10-10 Reflections

By
Morrie Goldman
W6EHM #4189

10-10 Historian



I recently received a letter from Clay Conard, W0FS #2144, which certainly is a fitting tribute to the memory of Irving F. Hunter (SK), K6PWO #97, the founder and first president of 10-10 in 1962. It is also a tribute to Charles "Newt" Fisher (SK), W6FFN #98, who also served as 10-10 president in 1967.

"Dear Morrie,

I was digging through a drawer in my workshop today and came upon some QSL cards that had been there a long time. I thought you, as 10-x historian, might be interested in one of them. I have a duplicate, so please keep this for the club records...

I was in the Navy in the '60s and stationed at Port Hueneme [CA]. My aunt and uncle lived (and still live) in Glendora [CA] within walking distance of Irv, K6PWO's shack. I would sometimes get out the DX-60 and HR-10 Heathkits stored for me in my relative's garage and check into the net on AM on Saturday morning. If I zero-beat close enough, they tolerated me on AM.

If I didn't get to drag out the gear and set it up, I would walk to Irv's shack and sit behind him while he ran the net. I really got a kick out of Irv and was really impressed with his shack--Hallicrafters gear built into the wall, and particularly the polished piece of driftwood his straight key was mounted on. Irv had a lot of stories from his radio officer days in the maritime, and I've forgotten all of them except for how he got the idea for the phonetics for his call, Pushing Women Overboard. After 20-plus years I still miss him.

When they drew numbers to start numbering memberships, they forgot me. I was on Midway Island and couldn't check in at 10 a.m. in California, since I believe it was four hours earlier there and too early for the band to open up. I had no idea what was going on. Later, in Iowa in 1971, when I could go home for lunch and check into the net, Irv of course wanted my number. He wouldn't believe that I didn't have one; he said something about how they reserved a few for things like this. I think there was still a number below 200 left, but Irv couldn't get enough sup-

port to let me have it.

He was very apologetic, and I soon had #2144. I think Irv felt I had worked enough people to join when I checked in from Glendora, but I think he also forgot that I was running AM when I checked in and many on SSB would not acknowledge me. Mainly just Irv and Newt, W6FFN.

Irv gave me the MM cards during my visits to his shack. If I had realized I had two of them, I would have sent them in long ago. 73, Clay Conard, W0FS (ex-WA0GFS) #2144"

The S.S. Lane Victory

(Continued from page 1)

taught himself to read and write, and in 1882 founded a high school in Jackson, Tennessee, which eventually grew into a Senior Liberal Arts college named in his honor, Lane College. Isaac Lane died in 1937 and on May 12, 1942, the U.S. government chose to name a victory ship in his honor. The S.S. Lane Victory was christened by his granddaughter, Florence Cleaves Evans.

In addition to serving as a memorial, the S.S. Lane Victory compliments the Los Angeles Maritime Museum as a place of interest to the public, serves as a setting for film companies and provides a meeting place for conventions and community clubs. The ship is open to the public daily.

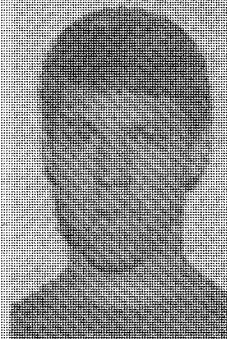
The ship is also a 10-10 member, holding number 67981, and call W6LV. Bill Marple, AA6ZW #62075, is the president of the Lane Victory Amateur Radio Club. The ship will have six cruises in 1997, and will operate as a special event station during the cruises. These one day cruises are scheduled on July 12, 13, August 16, 17 and September 13, 14. There will be certificates and QSL cards from PO Box 629, San Pedro, CA 90733-0629. Bill, AA6ZW is also our 10-10 Net Control Station on Thursdays on 28.380 MHz. Look for Bill on Thursdays on the 10-10 Net or as W6LV #67981 from the S.S. Lane Victory.

10-10 at Dayton Hamvention

The Dayton Hamvention will be held this year on May 16-18, 1997 in Dayton, Ohio, and 10-10 will be there. A 10-10 Forum will be held on Saturday, May 17th at 11:00 AM at the Meadowdale High School Auditorium. Due to the increased number of forums and displays, many of the forums are now forced to be held at the near by Meadowdale High School. Free transportation will be available from Hara Arena to the High School.

treasurer's report

Keith Schlottman
KI7RK, #63324
10-10 Treasurer



STATEMENT OF REVENUES & EXPENSES - CASH BASIS

SECOND QUARTER 1996-1997

1 JULY 1996 - 30 SEPTEMBER 1996

	2nd QTR	Y-T-D
REVENUE		
MEMBERSHIP DUES & FEES	\$ 15,817	\$ 30,443
SCHOLARSHIP DONATIONS	1,026	1,201
ROYALTIES & INTEREST	9,772	11,227
TOTAL REVENUE	26,615	42,871
EXPENSES		
POSTAGE & PRINTING FOR NEWS	6,548	13,921
OPERATING EXPENSES	6,998	10,614
SCHOLARSHIPS	0	0
ADMINISTRATIVE EXPENSES	2,086	10,244
TOTAL EXPENSES	15,632	34,779
REVENUES		
OVER (UNDER) EXPENSES	\$ 10,983	\$ 8,092

If you have the time, you won't have the money.
If you have the money, you won't have the time.

10-10 INTERNATIONAL NET MEMBERSHIP INFORMATION

10-10 membership information is available to any amateur who is interested in joining the 10-10 International Net.

If you know someone who would like to learn more about 10-10, suggest that they send \$1.00 plus 2 first class stamps and an address label to Mike Elliott, KF7ZQ #54625, 10-10 Information Manager, 9832 W. Gurton Court, Boise, ID 83704-4080.

They will receive the 10-10 Information Package which consists of a copy of the latest issue of the *10-10 International News* along with a copy of the 8 page *New Member Information Brochure* which includes an application for membership.

New Life Members

It is with pride that we honor the following members who have become *Life Members* of Ten-Ten through December 1, 1996

You too can become a *Life Member* of 10-10
See details on page 31.

7465	K6SLR	Loren J Williams
12961	WA0TEV	Clarence V Emal Jr
19885	WB3EAW	Harry F Miller
42664	KA0QND	Alfred C Shippy
50084	K1UQX	Richard W True
57258	N6SPY	Robert C Hughes
61732	WB2TAE	Marion R Youngs
62025	AC6ML	Wayne A Rohner
63324	KI7RK	Keith D Schlottman
63659	W8LE	Byrness E Haworth
66221	K5EGB	Jan Hair
66992	KE4DTU	Kathy J Visser
67563	KB5UEU	Pamela L Schlottman
68894	KE4IUV	Weston D Bergman Jr

Scholarship Information

The Foundation for Amateur Radio will again administer the 10-10 Scholarship Program for 1997. FAR will administer a total of 60 scholarships for this most worthy amateur radio program.

Licensed Radio Amateurs may compete for these three 10-10 scholarships if they plan to pursue a full-time course of study beyond high school and are enrolled in or have been accepted at an accredited university, college or technical school. The 10-10 Scholarships are for \$1,000.00 each.

Additional information and an application form may be requested by letter or QSL card prior to April 30, 1997 from:

FAR Scholarships
6903 Rhode Island Avenue
College Park, MD 20740-3713

Applicants for the 10-10 Scholarships must provide a written recommendation from a current active 10-10 member (one whose dues are paid current). Applications must be signed and received by FAR prior to June 1, 1997.

1997 10-10 CONVENTION

July 10-13, 1997

Council Bluffs, Iowa, Ramada Inn

DETAIL INFORMATION FROM

Tom Henderson, K4CIF #33233

4901 15th Place East, Tuscaloosa, AL 35404-4522

10-10 AWARDS

AWARDS ISSUED THROUGH 28 FEBRUARY 1997

TOP TEN HONOR ROLL

Allen Mattis
N5AFV, # 27571

CALL	10-10#	CONT
WASJDU	3017	23,200
WORWC	518	19,400
WB1DBZ	26001	18,600
PJ2WG	27999	17,000
W4WKQ	33299	16,500
WB7NUU	17416	11,800
WA9LIC	1599	11,600
K0PV	9902	11,500
N5CUQ	40	11,400

500 BAR AWARDS

Bob Peschka
K7QXG, # 5956

VP #	CALL	10-10#
2887	KB7RUQ	66380
2888	W6VKP	62086
2889	KT4RL	67213
2890	KE4BF	66990
2891	N7QHC	59244
2892	W3UWH	66582
2893	KJ5RC	67815
2894	KC5NXG	67889
2895	KD4VFI	65190
2896	N4BM	19302
2897	N2VOT	64287
2898	N4OT	67299
2899	WB0YVG	67924
2900	W5RUK	4535
2901	W4LC	65192
2902	N4ZCG	56067
2903	KE3WV	66560
2904	KA1YZV	63983
2905	KA1MEX	55083
2906	WB9OMC	55959
2907	K6VMN	31623

1000 + BAR AWARD

Allen Mattis
N5AFV, # 27571

CERT #	CALL	10-10#
1418	WB1HJC	53346

LUCKY 13 AWARD

Bob Peschka
K7QXG, # 5956

CERT #	CALL	10-10#
401	N5WTR	62216

VP AWARDS

Carl Fisher
W0HIK, # 40678

VP - 100

CERT #	CALL	10-10 #
374	K5PUD	67061
375	W3EHZ	39561
376	KD4AYU	64436

VP - 200

182	KA3WWG	56860
-----	--------	-------

VP - 300

112	KE4QQR	66995
-----	--------	-------

VP - 400

75	KE9WZ	49610
----	-------	-------

VP - 600

25	W6SRQ	32241
----	-------	-------

VP - 1100

7	N8YIX	38179
---	-------	-------

WORKED ALL CONTINENTS AWARD

Mark Taylor Murphy
KC4HIT, # 57448

CERT #	CALL	10-10#
473	N2GFM	52503
474	N6PEQ	65828

COUNTY HUNTER AWARD

Alice Jenkins
NR4R, # 31223

100 COUNTIES

CERT #	CALL	10-10#
396	KK5DO	65027
397	N2LYV	60611

398 N5WYR 62116

200 COUNTIES

G4KHF	34443
N5WYR	62116
KK5DO	65027

300 COUNTIES

G4KHF	34443
N5WYR	62116

400 COUNTIES

NONE

COUNTRIES AWARD

Russ Gauthier
N5EJS, # 1525

25 COUNTRIES

CERT #	CALL	10-10#
525	N2GFM	52503
526	N2VOT	64287

OM/XYL

AWARD

Pat Hibbs
KH6OE, # 28842

BASIC - 10 TEAMS

CERT #	CALL	10-10#
381	K1UQX	50084

25 TEAMS

387	W7KOI	20309
-----	-------	-------

WORKED ALL STATES

Scott Brackeen
AI1M, # 23966

CERT #	CALL	10-10#
	NONE	

WORKED ALL STATE CAPITALS

Paul Johnson
N4JII, # 37708

CERT #	CALL	10-10#
	NONE	

MOBILE AWARD

Dave Becker
K7PRZ, # 47633

BASIC - 25 CONTACTS

CERT #	CALL	10-10#
14	W9WYN	6894

WPX (PREFIX) AWARD

Bill Montgomery
KB3GW, # 35517

100 PREFIX

CERT #	CALL	10-10#
226	KK5DO	65027
227	W7KOI	20309
228	N2VOT	64287

200 PREFIX

116	N6TXT	50198
117	W7KOI	20309

300 PREFIX

70	W7KOI	20309
----	-------	-------

400 PREFIX

36	W7KOI	20309
----	-------	-------

Awards are compiled and
typeset by Awards Editor
Linda Barnes, KJ4FM
10-10 #43299

CALANDAR

Spring CW QSO Party	3-4 May
Texas Hill Country 10-10 Picnic	1 June
10-10 Convention, Council Bluffs, IA	10-12 July
Summer Phone QSO Party	2-3 August
10-10 Day Spring QSO Party	10 October
Fall CW QSO Party	25-26 October

10-10 NewsLine

Items of Interest for 10-10 Members

(Continued from page 18)

ducer/editor Bill Pasternak, WA6ITF. *Newsline* can now be found on the WWW (<http://www.com.acs.ncsu.edu/HAMRADIO/News.html>). The main phone number for the audio broadcast version is 805/296-2407. Also try their new added phone number, 818/313-9997.

NEW TOLL FREE-PHONE NUMBER: The FCC has a new toll-free (WATTS) number for Amateur Radio license and new and sequential and "Vanity V" call sign inquiries. The new number, 1/800-225-5322 (or 1/800-CALL FCC) is operated by the FCC's Compliance and Information Bureau (CIB) at their new National Call Center in Gettysburg, PA during normal business hours. Actually you can call this number to obtain information on just about any subject involving the FCC.

.....tnx W5YI Report

from the Editors Desk

(Continued from page 4)

available from the 10-10 Web Page. If page 32 is used, the proof of current membership is noted on the address label. You may photo copy page 32 in order to preserve your *News*. If you use a copy of the Cover Sheet from the Web, you must include a copy of your address label from page 32 or a copy of your membership card indicating your dues is current.

It is suggested that you review the new QSO Party Rules that were published on page 18 of the January 1997 *News*. If you need a copy of the new rules, send a #10 (business size) SASE to Bruce Paige, KK5DO #65027, at PO Box 310, Alief, TX 77411.

Remember a dupe sheet is required, either a manual or computer generated dupe sheet is satisfactory. *Don't get your log disqualified because you do not follow the rules!* Logs postmarked after the date on the Cover Sheet will be disqualified.

Did you know....

Did you know that the 10-10 Web Site was recently awarded the **Best Ham Award**? It's true thanks to the untiring effort of L.B. Cebik, W4RNL #41159, our Internet Coordinator. We all say "Thank you" L.B. for an outstanding job.

1997 WINTER QSO PARTY CHAPTER RESULTS

(Continued from page 25)

CHAPTER	LOGS	SCORE
POSSUM TROT	38	100,187
S.H.O.T.	17	66,949
CITY OF LIGHTS	23	42,242
STEEL CITY	16	39,223
BATTLE ROAD	26	37,708
TROTTERS & PACERS	7	35,168
FORT McHENRY	19	26,900
GOLDEN BEAR	14	19,622
C.A.T.T.	14	11,910
REPUBLIC OF TEXAS	13	11,801
BAUXITE	13	8635
OUTLAWS ON TEN	5	4657
SO TEXAS LT HORSE	1	4033
GATEWAY	10	3184
CHANNEL ISLANDS	6	1957
CHESAPEAKE BAY	1	1617
SUNCOAST	5	1603
AIR CAPITAL	1	1344
CYPRESS	1	1311
WIND FARMS	3	1287
MINUTEMAN	1	868
PORTLAND 500	1	810
BROOKLYN BRIDGE	1	700
SKY BLUE WATERS	1	676
BAY AREA	3	565
CASTLE CRAIG	1	540
WHITE HOUSE	1	504
DOWN UNDER	3	446
MO-KAN TENNERS	5	437
MILWAUKEE	3	424
CRADLE OF LIBERTY	2	356
CRAZY EIGHT	3	342
CHIEF SEATTLE	1	224
CITY OF ROSES	1	200
BROKEN HEARTS	1	60
HUDSON VALLEY HAMSTERS	1	50
RESTORATION PROJECT	4	40
GB TEN	1	15

Did you know....

Did you know that 10-10 has a column in *Worldradio* every even month? That is June, August, October, etc. You can look in the *Worldradio* 10-10 column for the latest information about 10-10.

• I look forward to my next trip — wondering what strange and exotic places my luggage will visit. *dedicated to Linda Barnes, KJ4I M #43299*

1997 WINTER PHONE QSO PARTY RESULTS

TOP TEN IN WORLD

CALL	QSOs	MULT	PTS
N2EOC	232	67	25795
WB5BIR	169	64	16640
N5MT	155	56	14112
N5OKR	153	56	14112
LU8ADX	91	64	9664
KK5DO	114	50	9500
W9OO	125	40	8840
KD1YN	95	33	5676
N3UNF	85	34	5440
KQ4PK	73	40	5400

TOP TEN INDIVIDUAL

CALL	QSOs	MULT	PTS
N2EOC	232	67	25795
WB5BIR	169	64	16640
N5MT	155	56	14112
N5OKR	153	56	14112
KK5DO	114	50	9500
W9OO	125	40	8840
KD1YN	95	33	5676
N3UNF	85	34	5440
KQ4PK	73	40	5400
KU4W	80	34	4964

QRP

CALL	QSOs	MULT	PTS
N9UKX	29	13	728
KB0SZG	14	9	171
KE6BAC	6	5	55

CLUB

CALL	QSOs	MULT	PTS
W5GCH	113	50	9400
W5OIX	73	40	5400
W9CEQ	71	21	2709
W5RPT	49	25	2150
WB2HIW	42	15	990
W9CEQ	71	13	728
VE7WPC	5	1	10

DX AREA--INDIVIDUAL

CALL	QSOs	MULT	PTS
LU8ADX	91	64	9664
LU2CFC	62	47	4888
CE3AF	60	42	4620
VP2VF	53	40	3240
LU3HL	35	25	1550
WH6LU	19	12	312
ZL1KQ	15	8	224
WP4LNY	13	9	171
ZL1LE	12	6	132
ZL1BZK	9	4	90
G3MDH	7	2	22
G4KHF	5	3	15
VE7AAP	5	1	10
VE7ACM	5	1	10
VE7NF	5	1	10

AREA 1--INDIVIDUAL

CALL	QSOs	MULT	PTS
KD1YN	95	33	5676
KC1FV	96	28	4928

K1IEQ	79	25	3675
WA1DUZ	73	22	3014
KA1MLC	60	19	2147
W1SIX	59	18	1962
KA1YHI	59	17	1904
W1MXI	52	16	1600
W1RFW	55	15	1575
N1STE	48	16	1472
KB1BIG	39	16	1200
KD1LF	40	16	1168
N1PDV	30	19	1026
KB1AWE	33	14	896
WA1AKS	32	14	868
N1NNI	34	13	832
N1PVT	36	12	828
KA1OGK	34	11	726
W1SQM	26	13	663
AA1LH	30	11	638
WA1EBJ	28	10	550
N1API	28	10	540
K1XTU	25	9	423
N1UKX	22	12	408
KA1CRA	19	9	342
KB1BMO	32	10	320
KB1BGW	20	8	296
N1RLO	18	8	280
KA1ZLP	14	8	224
K1UQX	14	8	216
N1SKM	10	7	140

AREA 2--INDIVIDUAL

CALL	QSOs	MULT	PTS
N2EOC	232	67	25,795
KB2MRI	84	28	3,864
KF5UN	62	18	1,710
WA2WQZ	40	19	1,501
WA2SUH	47	18	1,440
WB2LLH	43	16	1,072
N2YBC	31	14	700
K2HLC	17	9	297
KD2N	5	5	50
N2LQQ	2	2	6

AREA 3--INDIVIDUAL

CALL	QSOs	MULT	PTS
N5OKR	153	56	14,112
N3UNF	85	34	5440
N3GZE	67	30	3840
KA3WWG	62	32	3744
N3TGB	55	24	2544
KC3PZ	52	23	2392
KA3TLF	39	19	1482
WB3FGU	34	19	1235
W3TXF	33	18	1188
N3LQQ	26	15	780
ND3G	25	15	735
WK3P	24	15	720
K3TUJ	25	14	700
KA3VDN	26	14	686
N3WGC	26	13	676
N2TDT	24	14	672
N3WIZ	22	15	630
KE3QH	22	12	528
WB3AEX	21	12	505

WB3BMA	21	14	504
KA3V V Q	15	9	270
KA3YAH	17	10	260
KA3AVB	15	8	192
W3EHZ	12	10	190
W3SDV	13	8	176
WA3JXW	11	6	96
NA3H	8	6	90
WA3FYZ	7	5	70
KA3QOY	6	5	60
K3NBD	5	4	40
W3VQY	3	3	18
WB3ABH	3	3	12

AREA 4--INDIVIDUAL

CALL	QSOs	MULT	PTS
KQ4PK	73	40	5400
KU4W	80	34	4964
KL7NL	74	35	4795
N4ZCG	78	33	4554
KJ4RV	77	32	4448
K4QFK	74	32	4288
N4ANV	69	31	3937
N4UGH	68	31	3906
W4SKW	65	31	3720
N4EWG	67	29	3625
KC4TBS	67	31	3534
N4ERM	60	31	3503
KE4BGQ	63	28	3276
N7PUI	58	27	2997
W4TBO	56	28	2940
AE2L	54	28	2884
KC4RSZ	56	26	2756
KN4SS	52	27	2700
KS4IB	53	25	2525
KT4IL	50	25	2400
NK0S	51	24	2328
KC4JAN	50	24	2208
KR4OE	47	24	2208
AA4PR	46	24	2160
W4LPL	49	23	2139
KD4XC	46	24	2088
KD4TYE	52	21	2079
KE4UXB	49	22	2046
KE4GYV	44	23	2001
WA4MYD	39	24	1824
AD4TL	39	22	1828
N4OT	42	21	1617
KR4PQ	38	21	1533
W4LC	29	24	1320
K4HTU	39	19	1311
W4EHF	31	18	1080
KC4FC	32	17	1071
KF4HBD	31	17	1020
KE4DER	29	16	880
KE4YJS	25	15	720
KE4FLG	23	14	630
N4EFV	18	14	462
WA2HQB	28	13	416
N4GQM	16	13	390
KD4VFI	14	11	275
K4CIH	6	6	60
N2EGO	6	5	60

(Continued on page 25)

1997 WINTER PHONE QSO PARTY RESULTS

(Continued from page 24)

K9EHP 1 1 2

AREA 5--INDIVIDUAL

CALL	QSOs	MULT	PTS
WB5BIR	169	64	16,640
N5MT	155	56	14,112
KK5DO	114	50	9500
WB4FBS	68	37	4033
N5DAS	66	31	3317
KK5XR	51	29	2436
WB5PNL	47	30	2310
N5AFV	49	25	2150
W5RAN	42	26	1944
KG5NO	45	21	1575
KC5BKT	39	20	1500
N5VAV	41	18	1404
KC5AQU	38	17	1241
N5VAU	38	17	1241
WD5CAB	35	20	1240
WD8JKV	39	15	1125
KB5DQX	39	15	1125
W5GVP	33	17	1071
N5WYR	33	17	1071
WD5HJC	31	17	1003
WD5BFO	32	16	992
K5NE	30	16	928
W5NDK	27	18	918
N5XYN	26	18	864
KC5PTF	26	18	864
WA5JDM	32	14	854
KC5VKK	27	16	800
W5UFA	26	15	780
WX5I	27	15	735
KC5UUL	22	17	714
KB5VTB	27	14	700
KB5NAK	25	15	690
K5CC	21	17	663
W5EIJ	25	13	624
KC5GUW	21	15	585
AA5XQ	21	13	533
WA5RNV	40	10	390
WB5VEV	14	10	270
KB5OYV	14	10	270
N88VV	14	10	270
KG5IT	15	10	250
KC5SYI	11	10	210
WD5EDR	21	9	189
KC5BNJ	8	7	98
KC5VAT	9	5	90
N5ACH	6	4	48
KM5FF	4	4	32
W5CJZ	4	3	21
W5GCH	113	50	9400

AREA 6--INDIVIDUAL

CALL	QSOs	MULT	PTS
KC6SEH	82	33	4653
WB6NFO	69	30	3240
WB6NYM	56	21	2016
N6TXT	53	20	1820
N6YSQ	48	21	1764
KD4GW	46	18	1422
AC6QP	42	19	1349

W6KVA	40	17	1292
WA6VLS	32	17	1258
KD6EHA	34	17	1020
K6VMN	28	18	828
WA6YRL	27	14	686
KB6AN	26	13	611
KB6YX	26	13	611
KE6NMC	23	14	588
KB6UW	22	13	572
KA6BUM	24	12	552
KB6DXR	18	13	455
N6XD	19	13	416
K6EHA	18	12	396
KD6BYI	16	12	360
WB6RDK	17	10	340
K6VXY	14	10	280
AC6PX	14	9	216
KE6CSL	12	9	207
N7WLC	8	6	84
KD6PQI	6	6	72
KQ6ES	13	5	65
KE6RQQ	7	5	65
KJ6IJ	3	3	18

AREA 7--INDIVIDUAL

CALL	QSOs	MULT	PTS
N7YBX	30	15	810
N7QHC	20	8	224
N7VS	13	8	200
KC7KDZ	13	7	91

AREA 8--INDIVIDUAL

CALL	QSOs	MULT	PTS
W8KVU	57	27	2727
KB8FGM	46	19	1482
W8LBQ	42	17	1258
W8JSM	34	19	1159
NU8U	37	14	938
WD8MQJ	34	15	855
W8PJY	30	15	840
KB8HGY	27	16	750
N8GBE	25	13	598
N8UEC	22	13	533
W8IIO	22	12	492
WD8MZD	22	12	492
KJ8K	20	10	380
K8PEJ	29	8	320
KB8JKK	16	10	310
WD8KAY	13	6	156

AREA 9--INDIVIDUAL

CALL	QSOs	MULT	PTS
W9OO	125	40	8840
W9WYN	89	29	4785
KE9WZ	83	27	4320
N9LWN	86	26	4186
WA9TPQ	79	22	3366
W9Z	74	20	2800
WA9OHU	75	21	2793
N9KBJ	71	21	2709
WA9TWE	58	23	2599
KD9XP	62	20	2340
WA9KIN	59	20	2200
AK9Y	66	18	2196

W9CZA	59	19	2128
WD9IUC	58	19	2109
N4SI	65	17	2057
KC9UM	56	19	1995
WA9SIJ	56	18	1782
WA9AUW	50	18	1728
N9VKE	47	18	1674
WB9WFR	51	17	1632
KE9QW	50	17	1615
KC9H	41	20	1600
W9IAI	46	16	1360
N9BSS	46	15	1290
KB9FGD	43	15	1275
NA9A	43	15	1245
AI9U	46	13	1131
KA9FCF	36	14	966
W9ETU	36	13	966
N9TUQ	34	15	960
KB9DTR	31	14	798
N9PQU	25	16	768
W9AN	28	12	636
WA9OFH	27	12	600
KE9VK	22	11	484
N9SRY	24	10	480
KB9GVY	23	10	440
K9KKX	18	9	315
WA9SFH	12	10	230
KA9MTY	10	10	190
N9VOK	15	6	168
KF9XL	18	8	144
KA9QGR	8	5	80

AREA ZERO--INDIVIDUAL

CALL	QSOs	MULT	PTS
K0DVY	32	24	1344
N0GIV	37	16	1168
N0DBG	26	13	676
K0MYD	25	13	598
W0RTV	24	13	572
W0JDP	23	11	473
KB0TUI	22	12	420
W0ERZ	18	11	385
K0WEX	18	11	374
WD0APK	13	8	192
WB0GGO	13	7	182
N0WM	12	7	168
KG0CV	11	8	168
WB0RHR	10	8	160
KB0MZE	11	7	147
WB0YZW	11	6	132
W0POF	9	6	108
WB0QKN	7	5	70
K0LWV	6	4	44
KB6UPG	5	4	40
WA0PBQ	4	2	16
WQ0J	1	1	1

CHECK LOGS

KA3BPN, N5GMR, AA6EW,
KB6NAN, AC6HF, WK6S,
KC6KRS, KE6PPY, N9FWM

(Continued on page 23)

Mobile Notes

By Gene Tyree

N4ANV #18712

Well I got by the first publication of the 1010 Newsletter without anyone asking that I not pen such trash as that, and I didn't receive any bomb threats here at the house. Therefore I will start an attempt at a second column for those of you who enjoyed my first attempt. I was grateful for those on the air comments about the article, both on 10 meters and from some of my mobile friends on 20 meters also. I am not sure what W6YLJ the editor meant by putting a cartoon of a lady holding an ant. on top of a car, with my column. Chuck were you implying that my wife Pat, KC4TBS, #57419 might sometimes get to ride on the roof. Well that brings to mind a very interesting story which I will share.

I was operating Mobile up in the mountains of N C trying to operate from all those Mt. counties, and at the same time an old friend K5IW was making a trip to SW Texas to operate from my Last County for Texas, Cameron, down in the tip of Texas around 5 to 6 hour drive from K5IW's home in Houston TX. Now he had made that trip just so I could work him while he was in that county. Well it was getting late in the day, and Pat and I had been on the road all day, now it was time to find a motel room. I pulled into a motel parking lot, and failed to notice the low hanging tree limb. You guessed it, the limb attacked my antenna, and the antenna lost. All of a sudden I couldn't hear anything on the receiver, so I ask Pat if she had stepped on the coax or something, and she said what's that

laying on the ground back there. It was the top half of my Antenna, the other half was still on the bumper. While standing there with the broke ant in hand they begin to call me on the air, Cameron TX was now on the air. I placed the broke mask on top and held it in place, and ask Pat "can you hear it now," she said "yes they are calling you." I opened the car trunk, and there was an old green wool army blanket. I said "Honey please come and help me." I showed her how to hold the broken mask with the blanket, where I could make the contact with K5IW in Cameron TX. She held the broken antenna, while I exchanged 5/9 reports for my last county in TX. She may hold my antenna, but I don't make her ride on the roof.

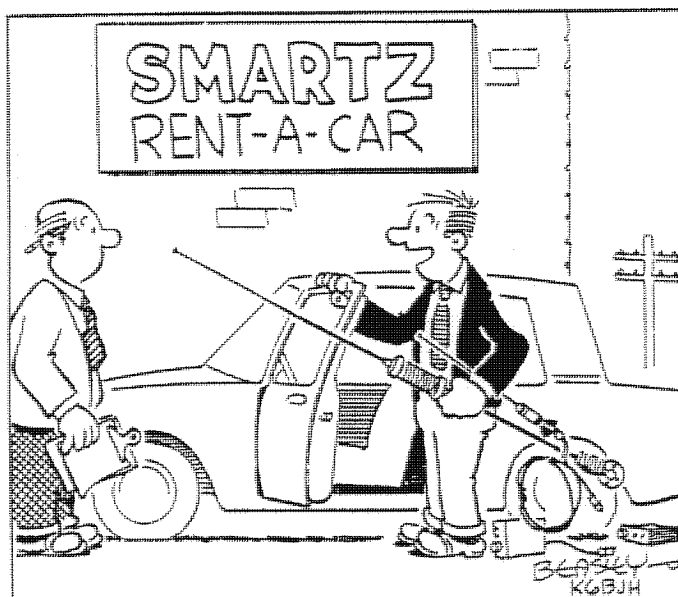
This month I wish to write about where should we try to operate, or not operate. You see in if we are going to handicap ourselves by operating from a mobile then we should at least take advantage of what is available to us to make good contacts. We will look at things you should consider to make your operating more enjoyable.

Operating near water is certainly to your advantage. While driving on Interstate 610 near Houston last month, I experience one of those strange situations. The band was miserable, and every ones signals were barely readable. I began to approach the Houston Ship Channel, and as I went up on the bridge of the water the signals became very strong. I have experienced this on numerous occasions,

while operating near water. The thing about this is if you are looking for a good place to do some mobile operating then look for places near water, in a park, close to the river or on the side of the lake. These offer good spots to help produce signals that are a little better than usual.

Have you ever tried to operate from downtown Manhattan in New York. What an experi-

(Continued on page 29)



SINCE I'M GOING TO HAVE THE CAR FOR A WEEK, DO YOU MIND IF I PUNCH A FEW LITTLE HOLES, HERE AND THERE?

Meet Sharon Hughes, WA8ETY 10-10 # 67621. Sharon is an over-the-road truck driver, and has been driving for Roadway Express for 18 years. She no longer drives her 18 wheeler from coast to coast any longer and stays in the Michigan, N. W. Ohio and N. E. Indiana area averaging over 115,000 miles in those three states each year.



Her mobile rig is a Ranger 2950 with a 200 watt linear on 10 meters to a Wilson 1000 antenna. She also has 2 meters in the truck. Like many mobiles, Sharon uses a tape recorder to log her contacts, so she can verify any counties. Most of Sharon's trips are afternoons, Sunday through Friday. At home she uses a Kenwood TS-440S and an Astron up about 100 feet on a tilt over, telescoping tower.

Sharon has been a 10-10 member since September 1995 and a licensed ham since July 1962, holding a general class license. She says when she first saw the 10-10 logo, she new she had to join 10-10. Because she has 10 black cats, a red tiger cat and Siamese cat.

It was through the efforts of Raleigh, WB7WNF #42291, the Sharon learned about the 10-10 Net. She talked to Raleigh several times as she mobiles through Ohio, and she says he was the kindest and most patient in answering my questions even though he was busy collecting 10-10 numbers.

In 1963 Sharon was the top novice station in Michigan for ARRL's Novice Round-up, and recently she was the winner of the 8th call area 10-10 phone the August 1996 QSO party. Because Sharon has moved several time in the past 32 years, she has had to re-start her ARRL Worked all States award, but says that thanks to the wonderful people of 10-10, she has only a few states to work and confirm. She is also getting serious about the 10-10 Worked all Counties award and is looking forward to improved band conditions on 10 so she can collect counties and give counties to those who are collecting counties while she is nobiling through Michigan, Ohio and Indiana.

- As soon as you're doing what you wanted to be doing, you want to be doing something else.

Official T-Shirts

Good looking T-Shirts designed for 10-10 by Rick, NV5A #49338.

Available in S, M, L and XL at \$16.00

XX Large at \$17.00

XXX-Large at \$18.00



Official T-Shirts

These good-looking T-Shirts are ash in color with lettering, cats and outline of the world in black. Enchaced with spot coloring of blue for the water and green for the land. This mixture of colors creates a really classy combination and a great lookin' shirt for our members. There is a small logo on the front heart side of the shirt with the larger, familiar 10-10 logo on the back of the shirt.

T-SHIRT ORDER FORM

QTY	SIZE	AMOUNT	TOTAL
Name: _____			
Call: _____ 10-10 # _____			
Address: _____			
City: _____			
State (or Country) _____ ZIP _____			
Mail to:			
The Sign Man of Baton Rouge, NV5A #49338			
879 Castle Kirk Drive, Baton Rouge, LA 70808			
SHIPPED POSTPAID - ALLOW 2 WEEKS FOR DELIVERY			

TenX DX News

(Continued from page 13)

the transition into Cycle 23, expect large swings of flux as new spots appear above the equator on the sun. For stations in the Eastern US, expect a 12% chance of DX propagation to the East-West path into Europe or Africa. For stations in the Western US, expect no chance of DX into Europe. All of the US will get a 25% chance a path into S.America. Expect reduced Sporadic E Layer conditions during the spring to be short skip that will travel 300 to 2500 miles. F Layer skip will begin to return as Cycle 23 gets more active. Remember to listen for the beacons (28.175-28.3) to check conditions.

I am sticking to my comments about May 28, 1996 being the start of Cycle 23. With the slow increase in solar flux levels and the predictions by NOAA, we have started the next cycle. Why haven't we seen much activity yet from the new cycle? The NOAA projection is based upon past cycles and indicates an average sunspot number of 19 for January and 22 for February--with the number doubling to 44 by July. It also shows solar flux of 77 for January, 80 for February, 84 for March, and 100 by July. Currently, actual conditions are behind these projections. The upswing of the new cycle is going to be slower than the previous but I expect the flux to be over 110 by 1998.

Charlie KA5EAV/KA2CC #45835 (KA2CC was his call in Japan) sent this: "OK, Ten is open from New Mexico to the Pacific, ZL's, KH's and JA, yep Japan. Time is 0145z Feb.28th. Go get'em. 73, Charlie."

New DX members for the past quarter: Dec. LU5CAG #66099; Jan. LU3ADU #68900, 9A4RU #68901; Feb. #68902 VO1CAL, #68903 DK7JQ, #68904 DJ2YE, #68905 9A2YS, #68906 LU9ATB, #68907 LU8AGE. Hope this helps you find and welcome new DX members. 73, Carol K8DHK #29588 Email: K8DHK@juno.com.

Thanks too: Russ Gauthier (N5EJS@linknet.net) for his assistance; To everyone for the letters and photos that you have been sending; To the on-line DX Reflector, QRZ-DX & Ohio/Penn DX Bulletins. Send photos to Mike Davidson, 3518 Bellefontaine, Houston, TX 77025 USA or NEW Email: N5MT@aol.com. Remember, DX IS!

STAY ACTIVE IN 10-10

CHECK YOUR ADDRESS LABEL ON PAGE 32
FOR YOUR DUES EXPIRATION DATE
RENEW TODAY IF YOUR DUES ARE DUE

SPOTLIGHT

ON A

PAPER CHASING PERSONALITY

By Brad Kimble, WA4KUP #55192

We all know that for the most part, the fraternity of 10-10 members are some of the most helpful amateur radio operators around. Seventeen year old Jeremy Bisbo is no exception. Jeremys station callsign is KB1AWE, 10-10 #63947, and a member since 1994. I myself have enjoyed the privilege of receiving help from Jeremy, during packet sessions. This young man carries a wealth of knowledge when it comes to operating a computer and many different types of programs.

He resides in Pepperell, MA, along with his father Roger, N1OJW, #63991, and his mother Linda, N1UPR. Jeremy has been secretary of the Nashoba Valley Amateur Radio Club of Massachusetts, member of the Yankee Contest Club of New England, and Nashua Area Radio Club of New Hampshire, which came in first place in the country during Field Day, 1995. And if this isn't enough, he is currently the editor of Ten-Ten Internationals packet address listing.

First licensed in 1993, Jeremy holds the Technician Plus license and has passed the General class written exam. He has received the ARRL Friendship Award, 10-10 VP award #2747, and also the VP 1000 award #1384. Besides 10 meters, he enjoys operating 2 meters and 70 centimeters, all mode; mode B satellites, and some of the RSs. Since joining 10-10, Jeremy has become the member of 45 different chapters and will do all he can to support the local ones in the New England area.

Jeremy has many other hobbies that he enjoys besides ham radio. To name a few he loves to play soccer and basketball, mountain biking, listening to music, driving around in his car, and surfing the world wide web. And speaking of the web, Jeremy has his own web page at URL <http://www.tiac.net/users/rogerwb/index.htm>. You can correspond with Jeremy at his e-mail address: kb1awe@amsat.org and or packet address, kb1awe@wa1phy.fn42jm.ma.usa.noam.

Here is how to know when old age approaches

- Everything hurts, and what doesn't hurt, doesn't work.
- The gleam in your eyes is from the sun hitting your bifocals.
- You join a health club and don't go.
- You sink your teeth into a steak and they stay there.

Mobile Notes

(Continued from page 26)

ence. I am not sure whether it was this little ole southern boy going to the big city or what, but those big trucks kept getting right on my bumper, and they would just blow their horns at me. At first I thought they were being friendly, yelling howdy or something over all that noise, waving their hands, and then I discovered they were waving their fist not their hands, and were probably not yelling things fit for this publication. What has that got to do with this column, and operating mobile, well we were unable to make a contact from the streets of Manhattan. We just could not get people to hear us trying to call. What is this telling us, don't try to operate from heavily congested areas. Try to get into the open, clear of those 300 story buildings, with wall to wall concrete. If you must operate from congested areas then try to find the shortest buildings, or a vacant lot, any way to get into the clear.

When you are out in the wide open country, and are not near water or buildings, then what can you expect. Even though our HF signals are sky wave signals which must go to the ionosphere and back to be heard, we still feel that altitude makes for the best operating spot, and most of the time this would be so. What you must be aware of is take of angle of your signal. An example of this was experienced last year while operating from the Yukon Territory, driving toward the 1 st District of Alaska. I had 40 to 50 people just waiting for me to get into Alaska so they could work me. In the Little strip of British Columbia that is above Skagway you are at 6 to 7 thousand feet, and when you cross the border to Alaska, you enter Whitehorse Pass, and in 15 to 18 miles you go from that altitude to see level, with these high mountains on both sides. As soon as I cleared customs in to the country, and started down the hill the 40 to 50 people waiting just disappeared, they went from 5/9 to 3/3, and no one could even hear me transmit. The only station I could hear was my friend G4KHG in England. Now think about the reasons for this. For me to work England the signal went up over the North Pole, back up the mountain, and those guys in the states I had to make it through all those rocks. You see down in the town of Skag-

way, you are surrounded by mountains, and there is hardly any place where there is any take of angle for you to transmit. When you transmit into the rocks that's where it will stay.

Last week I was driving along Interstate 64 in Eastern Kentucky talking to a friend in Texas, and he was at least 5/9. Well I pulled off the Interstate to gas up and as I did this I turned the QSO back to my friend. Meanwhile I had to stop at a red light, which was bordered by this steep cut of rock. Now while I sat there my friend ask me something, and when I replied his response was "boy you sure have dropped down, I can't hardly hear you." The reason was the cut of Rock was between he and I and the signal had no place to take off. As soon as I moved from the light my signal went right back up.

At another time I was traveling up the California coast on that beautiful highway one, and there is no more scenic road in the country, but don't try to transmit from there. The views are just breath taking but it does not allow you to talk to people very well while traveling. You see the road is right along the base of the mountains which run up and down the coastline, carved out of the rock, leaving an extremely high take off angle for your RF signal, and most of them don't make it over the mountain. I could hear people talking but they could not hear me transmit. One time I called and a KH6 station answered and we talked with no difficulty, and no one in the states even knew we were on the band.

What am I trying to say to you about all of this. If you will pay attention to where you are when you are transmitting you will have a much better chance of making a good contact. Stay in the clear, and give your signal a chance to get out of your antenna, and on the way to the ionosphere. Good mobiling and look for me on 28.336.

Teacher: "An Abstract noun is something you can think of, but can't touch it. Can you give me an example of one?"

Johnny: "Sure, My fathers new car."

WANTED - PHOTOGRAPHS

We need pictures of you or any
10-10 member, or 10-10 activity.

Please send to the Editor, address on page 2.
Include identification, of persons no activity on the
back of each photo, write on a label - not on the picture.

10-10 AWARD INFORMATION

To apply for any 10-10 Award, Proof of paid-up membership is mandatory. A copy of your membership card or address label from the latest copy of the **10-10 International News** must be sent with your application.

An application listing the rules for each award is available from the Awards Managers listed below. Please send a request with a #10 (business size) envelope, stamped, self-addressed, with one unit of first class postage 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.

BAR AWARDS

Work 100 10-10 members on the air and exchange call, name, location and 10-10 numbers. List these 100 numbers in numerical order, along with call sign, date of contact, name, and QTH (State or Country). The BAR Awards do not require an "official" application form, just a list as noted above. Send BAR applications to the following BAR Managers:

BAR APPLICATIONS 100-900

Bob Peschka, K7QXG #5956 2580 SW 195
..... Aloha, OR 97006

BAR APPLICATIONS 1000+

Allen Mattis, N5AFV #27571 5314 Wigton Drive
..... Houston, TX 77096-5115

CERTIFICATE OF AWARD

A *Certificate of Award* is available when attaining the 1000, 2500, 5000 (and for each additional 2500) BARS at a cost of \$2.00 plus two first class stamps. Send your *Certificate of Award* application to the 1000+ BAR Manager. (Note: Plaques have been replaced by Certificates. Plaques are no longer available.)

INTERNATIONAL 500 OF THE WORLD

With the 500 BAR comes an Honorary VP Number, membership in **International 500 of the World**. A certificate is available for the International 500 of the World for \$1.00 plus 2 first class stamps. Once the 500 BAR is attained, you may go after the following awards:

VP BAR AWARD

Contact 100, 200, etc. 10-10 members with a VP Number and submit a list in numerical order, VP#, 10-10 #, call, date of contact, name, and QTH. See the VP Bar rules on the Tenten-I web page or send an SASE for rules to the Award Manager. Send your list, along with 2 first class stamps to:

Carl Fisher, W0HIK #40678 5 Angelina Drive
..... Augusta, KS 67010-2262

LUCKY 13 CERTIFICATE

Bob Peschka, K7QXG #5956 2580 SW 195
..... Aloha, OR 97006

VP WORKED ALL STATES

Carl Fisher, W0HIK #40678 5 Angelina Drive
..... Augusta, KS 67010-2262

CONTINENTS AWARD

Mark Taylor Murphy, KC4HIT #57448
..... 108 Old Country Lane
..... Claremont, NC 28610-9561

COUNTIES AWARD

Alice Jenkins, NR4R #31223 One Mitchell Lane
..... Rossville, GA 30741-4834

COUNTRIES AWARD

Russ Gauthier, N5EJS #1525 8816 HWY 165
..... Pollack, LA 71467

CW AWARD

Lee Zalaznik, KI6OY #50948 334 Olivina Avenue
..... Livermore, CA 94550

MOBILE AWARD

Dave Becker, K7PRZ #47633 PO Box 3346
..... Portland, OR 97208

OM/XYL AWARD

Pat Hibbs, KH6OE #28842 4603 Glenna Way
..... Louisville, KY 40219-2814

WORKED ALL STATES AWARD

Scott Brackeen, AI1M #23966 93 CR 3271
..... Booneville, MS 38829

WORKED ALL STATE CAPITALS

Paul Johnson, N4JII #37708 2311 CCC Road
..... Dickson, TN 37055-4230

WPX (PREFIX) AWARD

Bill Montgomery, KB3GW #33517 PO Box 7183
..... Las Cruces, NM 88006

10-10 QSO Party News 1997 CONTEST SCHEDULE

CW CONTESTS

SPRING - May 3-4, 1997

FALL - October 25-26, 1997

PHONE CONTESTS

WINTER - February 1-2, 1997

SUMMER - August 2-3, 1997

10-10 PAY SPRINT

October 10, 1997 (24 hour- all modes)

The following information is supplied to provide a ready reference on how and where to send your 10-10 dues, and where to purchase items offered for sale by 10-10.

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.

NEW MEMBERSHIPS

New member applications should be sent to the Omaha address listed below. Dues for 10-10 membership are \$10.00 per year for members with a USA ZIP code and \$13.00 per year for DX members. You may pay your dues for multiple years. A membership application is included in the 10-10 Information Manual and in the New Member Brochure.

Mail new member applications with USA ZIP code to:

10-10 International Net, Inc.
Attention: New Member Application
643 N. 98th Street #142
Omaha, NE 68114-2342

Mail new member applications for all DX to:

Carol Hugentober, K8DHK #29588
DX Area Manager
4441 Andreas Avenue
Cincinnati, OH 45211-2622 USA

All correspondence regarding membership services should be addressed to:

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

DUES RENEWALS

10-10 dues are \$10.00 per year for members with a USA ZIP code and \$13.00 per year for members with a DX address. Multiple years dues may be paid with renewals.

All USA members (those with a USA ZIP code) send dues renewals to the following address:

10-10 International Net, Inc.
Attention: Dues Renewal
643 N. 98th Street #142
Omaha, NE 68114-2342

All DX members send dues renewals to:

Carol Hugentober, K8DHK #29588
DX Area Manager
4441 Andreas Avenue
Cincinnati, OH 45211-2622 USA

FAMILY MEMBERSHIPS

Family Membership consists of a primary member and one or more relatives who qualify as a 10-10 member and who reside at the same location and postal address. Family Membership run concurrently with that of the primary member. Add \$3.00 for each additional Family Member for

each year. Only one copy of the 10-10 News is mailed to the primary family member.

LIFE MEMBERSHIP

Life membership is available to USA members for \$250.00 and for DX members for \$325.00. Senior Life Membership is available for those over 65 (with proof of age) for \$85.00 US members and \$100.00 for DX members. You must be 65+ to apply for Life Membership. Family Life Membership is available for \$75.00. Family life membership ends when the regular member becomes an SK. Send all life membership applications to:

10-10 International Net, Inc.
Attention: Life Membership
643 N. 98th Street #142
Omaha, NE 68114-2342

Life memberships are available on a three year payment plan. For an application for time payment Life Membership, send a #10 SASE to the address above.

ADDRESS CHANGE

Send all change of call, name and address to the following address:

10-10 International Net, Inc.
Attention: Address Change
643 N. 98th Street #142
Omaha, NE 68114-2342

10-10 INFORMATION MANUAL

The 10-10 Information Manual, a 36 page manual of everything you would want to know about 10-10 is available for \$1.00 postpaid (USA or DX). Send your request, along with a return address label (no SASE required) to:

Mike Elliott, KF7ZQ #54625
10-10 Information Manager
9832 W. Gurdon Court
Boise, ID 83704-4080

SCHOLARSHIP DONATIONS

Donations to the 10-10 Scholarship Fund are requested from each member on an annual basis to help fund the three \$1000. 10-10 Scholarships. Your check should be made payable to the 10-10 Scholarship Fund, and should be sent to the following address:

Morrie Goldman, W6EHM #4189
10-10 Scholarship Manager
21518 Marjorie Avenue
Torrance, CA 90503-6418

A Certificate of Appreciation will be sent to all who make a contribution to the Scholarship Fund.

10-10 STAMPS

Self-adhesive 10-10 stamps that can be used on QSL cards, correspondence and envelopes are available for \$5.00 per 144 stamps. Send your order to:

10-10 International Net, Inc.
Attention: Stamps
643 N. 98th Street #142
Omaha, NE 68114-2342

10-10 STATIC CLINGER LOGO

The 10-10 logo with a static cling backing that will cling to almost anything. This attractive 4" x 4" logo is a solid gold background with black printing. Use on notebooks, briefcase, car windows, etc. Price: 2 for \$1.00 postpaid. Order from:

10-10 International Net, Inc.
Attention: Static Clinger
643 N. 98th Street #142
Omaha, NE 68114-2342

AWARDS & CERTIFICATE GUIDE

The official Awards and Certificate Guide of 10-10, along with complete chapter information, is available for \$6.00 USA ZIP codes and \$8.00 to DX. A monthly update is also available for \$10.00 per year USA and \$12.00 DX. Send your order to:

Linda Barnes, KJ4FM #43299
310 Sequoyah Drive
Kingsport, TN 37660-3742

10-10 ROSTER

The complete 10-10 membership list is available in hard copy or on computer disk.

Hard Copy Roster - The hard copy is printed on both sides of 8-1/2" x 11" paper 3-hole punched. The roster lists 10-10 number and call. SK's are identified. It is issued once each year in January. Cost of the printed roster is \$11.00 US and \$14.00 DX postpaid. Only a limited number of copies are printed and are sold on a first come, first serve basis. Advance orders are accepted.

Roster on Disk - 10-10 offers two different Rosters on Disk. One, known as XXIQ will search for call if 10-10 number is known and for 10-10 number if call is known. XXIQ is available on 3.5" (1.44MB) disk. It will run on IBM compatible computers. The other 10-10 Roster-on-Disk is known as XXIP and is available only on 3.5" (1.44MB) disks. It is contained on 3 disks and requires DOS 3.3 or later and 16 MB of hard disk. This program will locate 10-10 number, call and will display Name, Address, City, State (or Country), membership status, expiration date, SK status and will print address labels. Rosters on DISK are published each quarter, in January, April, July and October.

Cost - Cost of XXIQ is \$5.00 per issue, or \$17.50 per yearly subscription US members. DX cost is \$7.00 per issue or \$25.00 per yearly subscription. Cost of XXIP is \$10.00 per issue US or \$13.00 DX. Roster on Disk are shipped prepaid. Order 10-10 rosters on disk from:

10-10 International Net, Inc.
Attention: Roster
643 N. 98th Street #142
Omaha, NE 68114-2342

Be sure to note which program you are ordering.

FCC FORM 610

The latest issue of the FCC Form 610 is available from 10-10 for a #10 SASE. Send your request and an SASE with one first class stamp to:

Mike Elliott, KF7ZQ #54625
Attention: FCC Form
9832 W. Gurdon Court
Boise, ID 83704-4080

10-10 QSO PARTY COVER SHEET

SPRING CW CONTEST - 0000Z 3 MAY - 2400Z 4 MAY 1997

TOTAL CONTACTS	NO. OF CONTACTS	MULTIPLIER	POINTS
WITH 10-10 NUMBER		X 2	
WITHOUT 10-10 NUMBER		X 1	
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	TOTAL QSO POINTS	
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	TOTAL PREFIXES	
TOTAL SCORE	XXXXXXXXXXXXXXXXXXXX	QSO POINTS X PREFIXES	

ENTRY IS: ☐ Individual ☐ Club ☐ QRP

Chapter Assignment (if any) : _____

Call Area or ARRL Country you operated this QSO Party from: _____

LOGS MUST BE POSTMARKED ON OR BEFORE 25 MAY 1997

CHECK LIST

SEND LOGS TO:
Space Houston On Ten
% Bruce Paige, KK5DO
PO Box 310
Alief, TX 77411

1. Proof of Membership (This page or a photo copy showing your address label OR a copy of your membership card)
 NO ☐ YES ☐
2. DUPE Sheet(s) enclosed: NO ☐ YES ☐
3. Log in UTC Date/Time: NO ☐ YES ☐
4. Cover Sheet for this QSO Party: NO ☐ YES ☐
 (A cover sheet for any other QSO Party is unacceptable)

**ALL CHECK ITEMS MUST BE YES AND ALL BLANKS
 IN THE SCORING BOX MUST BE FILLED IN
 TO BE AN ACCEPTABLE LOG SUBMITTAL**

**A PHOTO COPY OF THIS
 PAGE IS ACCEPTABLE**

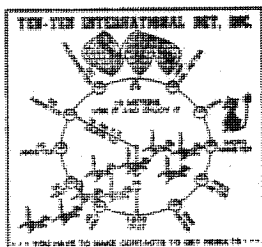
10-10 International Net, Inc.
 643 N. 98th Street #142
 Omaha, NE 68114-2342

**TIME TO RENEW? EXPIRATION DATE
 IS ON MAILING LABEL BELOW**

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

Forwarding and Address
 Correction Requested

FIRST CLASS



15964 WBOKIN 111997
 WALTER E FRIANT
 2310 S WALLONNIE DR
 MARSHFIELD WI 54449-5346

APRIL 1997 (Spring)