



## 10-10 INTERNATIONAL NET OFFICIALS

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Chapter Coordinator	Hugh Sullivan	WA4QZU
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The 10-10 International News is published four times annually by the 10-10 International Net, Inc. Each full member receives a copy. This is an independent publication. Permission to reprint is granted, providing suitable credit is shown.

All chapter activities and reports should be sent to the Chapter Coordinator, Hugh Sullivan, WA4QZU, 2112 York Dr., Owensboro, KY 42301. Telephone: (502) 683-4562.

News items and PHOTOS are to be sent to: EDITOR: Frank Hicks Jr. KF7CD, 135 Star View Dr. Park City UT 84060 Phone: 801-649-3980.

Deadline for the next issue is

SEPTEMBER 15, 1989

Copy deadlines are the 15th of the month preceeding publication. Publication dates are approximately the middle of Jan., April, July and Oct.

Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted should be typed, using the 2 column format if possible, 8 1/2" X 11" white paper, camera ready and mailed flat. Photographs when submitted should include complete information on subject matter, call signs, names, 10-10 numbers, chapter name, etc. Please do not write on picture.

## 10-10 INTERNATIONAL AREA MANAGERS

Addresses are listed: Inside back cover page.

Call area	Name	Call
1.	Al Kaiser	W1API
2.	Larry Berger	WA2SUH
3.	Jim Guppins	WA3R8Q
3. Helper	Billy Johnson	W3ANX
4. FL, PR	Dave Buschow	WD4HPG
4. VA, NC, SC	Tom Henderson	K4CIN
4. KY, TN	Rick Roberts	W4KCC
4. GA, AL	Jim Beswick	W4YHF
5.	Grace Dunlap	K5NRU
6.	Dick Rauscher	W6ANK
7.	Willie Madison	W07V2I
8.	John Hugentober	W0FU
9.	Bernice Tielemann	W9CDO
0.	Alice Hathaway	W0DES
VK.	Les Olsen	VK2JLD
ZL.	T.J. (Mac) McKenzie	ZL3RX
All other DX	Carol Hugentober	K8DHK

## 10-10 INTERNATIONAL NET CONTROL STATIONS

Monday	Dick	W6ANK	28.800 MHz
Alternate	Lovergne	K06JC	28.775
Tuesday	Al	W6RNX	28.800
Wednesday	Louise	W5ELX	28.800
Thursday	Sherm	K6PTF	28.800
Friday	Nat	8P6SA	28.800
Saturday	Don	K4E2S	28.800

All net times are 1800 UCT. (10:AM PST)

## AWARDS MANAGERS

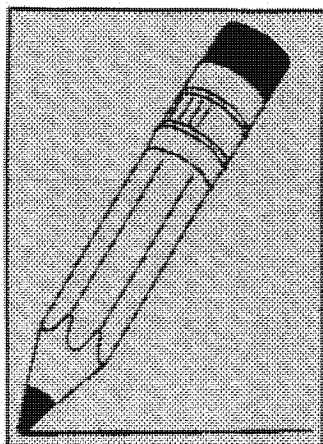
100-900 Bars	Wayne Childress	AA7AO
1000 bar UP	Andy Anderson	N5CUQ
VP awards	Hiram E. Wolf	W4NWP
Continents Award	Chuck Imsande	W6YLD
All States Award	Susan Brackeen	KA1CAD
Countries Award	Alan Sherman	K1AS
Lucky 13 Award	Wayne Childress	AA7AO

## 10-10 SCHOLARSHIP FUND DONORS

Carol and John Hugentober

John Harrington

Hopefully this summer issue will reach you just after you've gotten over the mosquito and rattlesnake bites of Field Day. Now you can get down to



serious business of the ten-ten International Net Summer Phone QSO Party starting in August. And predictions are that 10 meters will be getting better, I certainly hope so, it has not been great in Utah.

With this issue you have a new editor, me. Only time will tell if that's good or bad. I come from New England, lived in Southern California for a long time as well as Florida and Arizona, in fact I seem to have ties in most of the states and Canada, as well as England, France, Italy, and more.

I've been involved in Ham radio even before eleven meters went "south", yet have only been active in the past few years. I have an advance license and have been struggling with the code to make the next step (one Giant step in futility). Actually I love code, it doesn't like me!

I'm a freelance writer and publisher although I'm also currently working in the legal end of the computer business.

And for those of you who are

having trouble getting Utah, Wyoming, Montana and Idaho I promise to be more active. I do a lot of mobile transmitting in those states.

My home QTH is Park City, Utah, home of the USA ski team. It is one of best ski resorts in the USA claiming the greatest powder in the world. My antenna sits at just over 7,000ft.

I hope to build on what other editors have already done such a great job creating, resulting in a top notch magazine. Remember it's your magazine and your input, criticism and help is necessary. I hope you will all contribute in some way and that you all will say hello when you hear me on ten meters.

This issue will begin a few formate changes to help make the issue easier (I hope) to read and use. These changes will continue over a period of time so that we can work them in slowly. We hope to add new features and are looking for lots of photos and articles so be sure to send some in.

This issue deals with a serious problem of interference from illegal ten meter operation in New York City. It needs you attention, don't leave it to the other guy. Get involved.

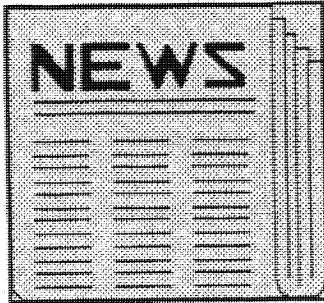
With that, thanks in advance for the help and cooperation I know I'm going to get.

73s Frank L. Hicks Jr. KF7CD  
Editor

## TEN METER NEWS

### 10-10 BANQUET

The 10-10 Banquet at Milwaukee will be in the hotel ball room Saturday night August 12th. Tickets are \$15.00 each in advance, \$17.00 at the door if available. The key word is, "IF". The Convention Committee must inform the banquet department on thursday as to how many DINNERS to set. The ONLY tickets sold after that must be limited to 10% additional dinners. Ensure your attendance, send your convention and banquet reservation in NOW! Total for both tickets is only \$20.00. Mail to Dick, KA9MTY, P.O. Box 83134, Milwaukee, WI 53223.



### NEW SPUTNIK BEACON

For you Sputnik buffs, RS 12/13 should have been launched by the time of publication, if the Russian sources familiar with amateur satellite activities are accurate. This new Soviet Union "bird" will support modes A,K,KA,KT and T. It will possess a "robot" and fly attached to a maritime navigational satellite. AMSAT-NA urges all OSCAR enthusiasts to monitor the planned beacon frequencies of 29.408 MHz for RS12 and 29.4582 MHz for RS13. Downlink frequencies will be

29.4543 MHz and 29.5043 MHz. If you hear the CW beacon on these frequencies contact AMSAT HQs (301 589-6062). Include date, time, frequency, your call sign, and QTH.

### EXCESS POWER ON TEN

There have been some reports that the big guns have moved into ten meters. Linear amps running up to 1,500 watts are causing excessive QRM according to some observers. Ten meters has always been known for being great with a couple of watts and a coat hanger. There has been a migration to ten from 20 and maybe they just forget to turn off the afterburner. The feelings are that the big guns are not novices and techs but OTs.

### AM ON TEN

There have been some questions about running AM in the 28.3 to 28.5 range of ten. Suggestions have been made that AM phone be used at 29.0 plus. Even SPAM has recommended it. The recent enhancement on ten makes the 28.3 to 28.5 a busy portion of the band and all that some license classes have. Ten meters is big and hopefully AMers are just as big.

### 28.310 CALLING FREQUENCY

In the LA area 28.310 is the ragchew and calling frequency. Do you know of any others?

### BIG BANG ON SURPLUS GEAR

For any of you modifying WWII radios for use on ten beware that some are wired with explosive devices for self destruction. The explosive device looks a lot like an old time capacitor but is more powerful than dynamite. It is suggested you research the type of equipment first to see if it was highly classified and even then be careful.

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### TEN METER CAB INVASION

The big news, also covered in the president's forum, is the use of ten meter AM transceivers in New York Taxi cabs. Reportedly they have been aggressively outfitting cabs with such radio equipment for business use. Transmissions are being made in non English languages including Haitian, Chinese, Pakistani and several middle eastern Arab dialects. There has been at least one reported incident where a ham has been threatened with bodily harm if he didn't stay clear of "their" frequency.

Frequencies being used include 28.000 thru 28.100, 28.265 and 28.525.

Amateurs have written to the NYC/FCC/FOB but with no response at time of publication, although one rumor was that there was a sting planned by the FCC.

Stew, KB2GDE, has printed and distributed thousands of post cards to be sent to the NYC/FCC office. ARRL Hudson Division Director, Steve Medelsohn, WA2DHF, is concerned about this large scale illegal operation.

The concern is that this is big business not a single cabby. Allegedly ham suppliers are knowingly supplying and modifying the equipment, and this is why the FCC may be holding back to nab the bigger fish not just the taxi cab driver.

Hams in the area are extremely upset that nothing is happening either with FCC or ARRL. One attorney is apparently considering legal action against the FCC to force action now.

It doesn't look like this one will end in the immediate near future unless the FCC takes immediate action. Hams may want to unite on this issue and start a letter writing campaign.

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### SOLAR FLUX UP

The first part of June saw the solar flux jump from 189 to 266. The high so far for cycle 22 is 299. Propagation in the higher latitudes of the northern hemisphere have been very poor on ten meters as a result of the sun spot activity. Unfortunately it is expected to continue poor on ten throughout the summer. E skip is most common in mid morning and early evening. But all this means that fall should see some great DX with very low power and lots more stability. See page 18 for more details on propagation.

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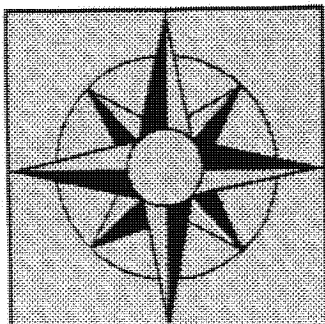
### NO CODE LICENSE

Central Florida ARC has petitioned for a no code license to replace Novice.

## THE WORLD OF TEN METER DX

DX????

What is DX? for the 10-10 group we are using this section to refer to any stations outside of the USA. For some, that even means Utah!!!!. So for those of you who call the USA DX please bear with us in this nomenclature.



### DX REPORTING

For those of you searching for that rare DX, whatever that means, share your findings with the rest of us. That includes times and where on ten meters such DX is operating.

Also include any QSL information such as QSL manager or special information.

DX in the Utah area has been best on ten early in the morning and again early evening, although there have been a few times when it was open all night.

The following are a few reported DX stations that may be of interest to some of you. Good DXing.

T27RA

Bob was heard on 28090 in June. He says to QSL to his

home call which is KN6J.

AH2CE

If you were lucky enough to catch Toru on ten from his KC6 operation QSL to JG1RVN

A35SA

Send cards to KB7QC.

ZK2YY

Don't bother sending cards. No license was received by Yama.

KH8AH

QSL via JH4IFF.

TR8RLA

Cards via NV7F

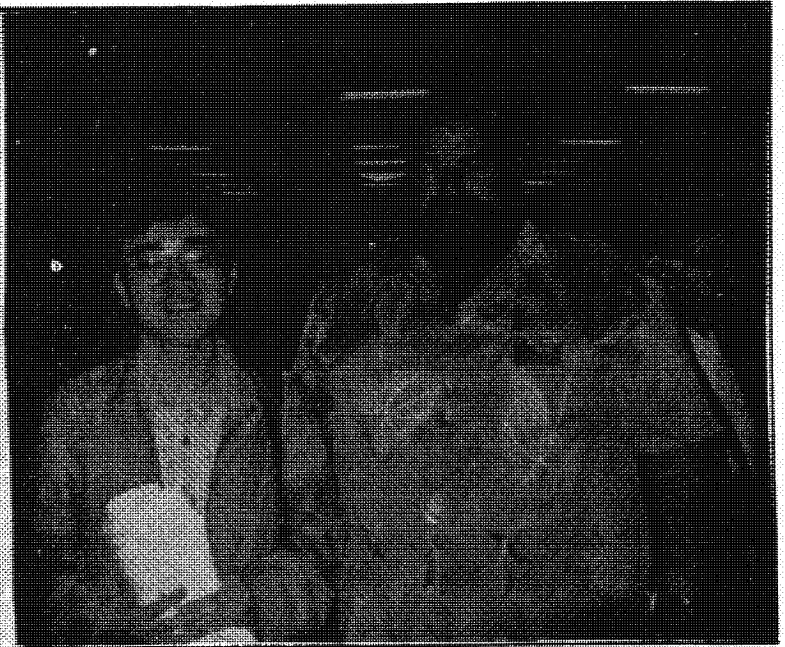
### 10 METER TAXIS

At least one DX station, in the UK has heard about the illegal operation of 10 meter radios in New York Taxis. He suggested that we either run RTTY or slow scan TV on those frequencies, or even a beacon (although maybe the FCC watches bandplan better than illegal operations). Or maybe constant CW contacts on the frequency from different operators would give them an earful. I wonder how their passengers would like all that wonderful noise?

It seems that the UK had a similar experience with illegal converted CBs in the bottom part of the 10 meter band some years ago. They found that persistent SSB or CW usually eliminated these "pests".

**CHINESE CHAPTER VISIT...**

Ritsu Seo, JR3RVO, chapter head and CM for Tarchang is pictured here with Pete, KC1CP, Chapter Head and CM Niantic Bay Chapter. This photo supplied by Hugh was taken at Dayton 1989.



**FROM VE3 LAND.....**

Greetings from Cambridge, Ontario, Canada where it was 20 below and blowing snow. But it didn't stop this hardy group of 10-10ers from fun and planning session on how to win the next 10-10 contest.

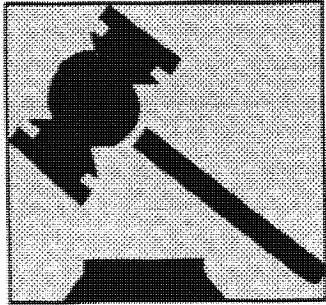
**FRONT:** Joe, VE3BXN, Sue, VE3BEC, Bob VE3EWP, Kevin VE3OVY.

**MIDDLE:** Marvin VE3MWF, Bob VE3MAM, Doug VE3FCO, Ron VE3IVT.

**BACK:** Wayne VE3IZY, Dave VE3HTC, Dave VE3CSB.

## THE PRESIDENT'S FORUM

Three months have passed since my last President's message. A number of things have happened in that short time,



the most important of which is the appointment of our new editor. We received several volunteer applicants for this very important position. It was difficult to choose one since all were qualified. The Board of Directors has approved Frank L. Hicks Jr., KF7CD, of Park City, Utah, as our new editor. All items of news or whatever, are to be sent to Frank. His address is listed on page 2.

The Convention in Milwaukee will be happening very soon. There are a number of important items about the Convention spread throughout this issue. Please read about the banquet tickets, the hotel, etc. And make your arrangements. We have invited RA6AR to attend and be a guest speaker regarding Amateur Radio in the USSR. Advanced Electronic Applications, Inc. (AEA) will exhibit it's ten meter handheld. Rich Perdue, KA0VXO, will be the AEA speaker.

The Hamcom ARRL 75th anniversary in Dallas was enjoyable. The 10-10 chapters in the area hosted two 10-10 Forums. They were very successful and a lot of fun.

As of this writing there is no Nominating Committee. The Board of Directors will be talking about this, and it will be discussed in Milwaukee.

The Scholarship Fund is lagging. We need donations in any amount.

The FCC needs to be leaned on regarding the commercial invasion of taxis on 10 meters as discussed elsewhere. I understand it has been going on for a couple of years and the New York FCC Engineer in Charge, Mr. A. Zimny, is aware of the illegal operation but has refused to give the problem any priority because he personally feels that amateur radio is of no great importance anyway! Zimny reports to Mr. Dick Smith, Director, Field Operations Bureau, FCC, located at 1919 M St. N.W., Washington, DC 20554. 10-10 International will officially complain to him. All of you do the same and copy your senator. Protect your rights in 10 meters, write now!

Dues go up next year. Get in your multi-year renewals.

A member asked that we set up some kind of SWL award for collecting numbers. What are your thoughts on that?

Be sure to read article on TIME by AA6K and news items.

Keep communicating your ideas and suggestions. This will help us know what path you want 10-10 International Net to take.

73s Norm Lefcourt, W6IRT  
President

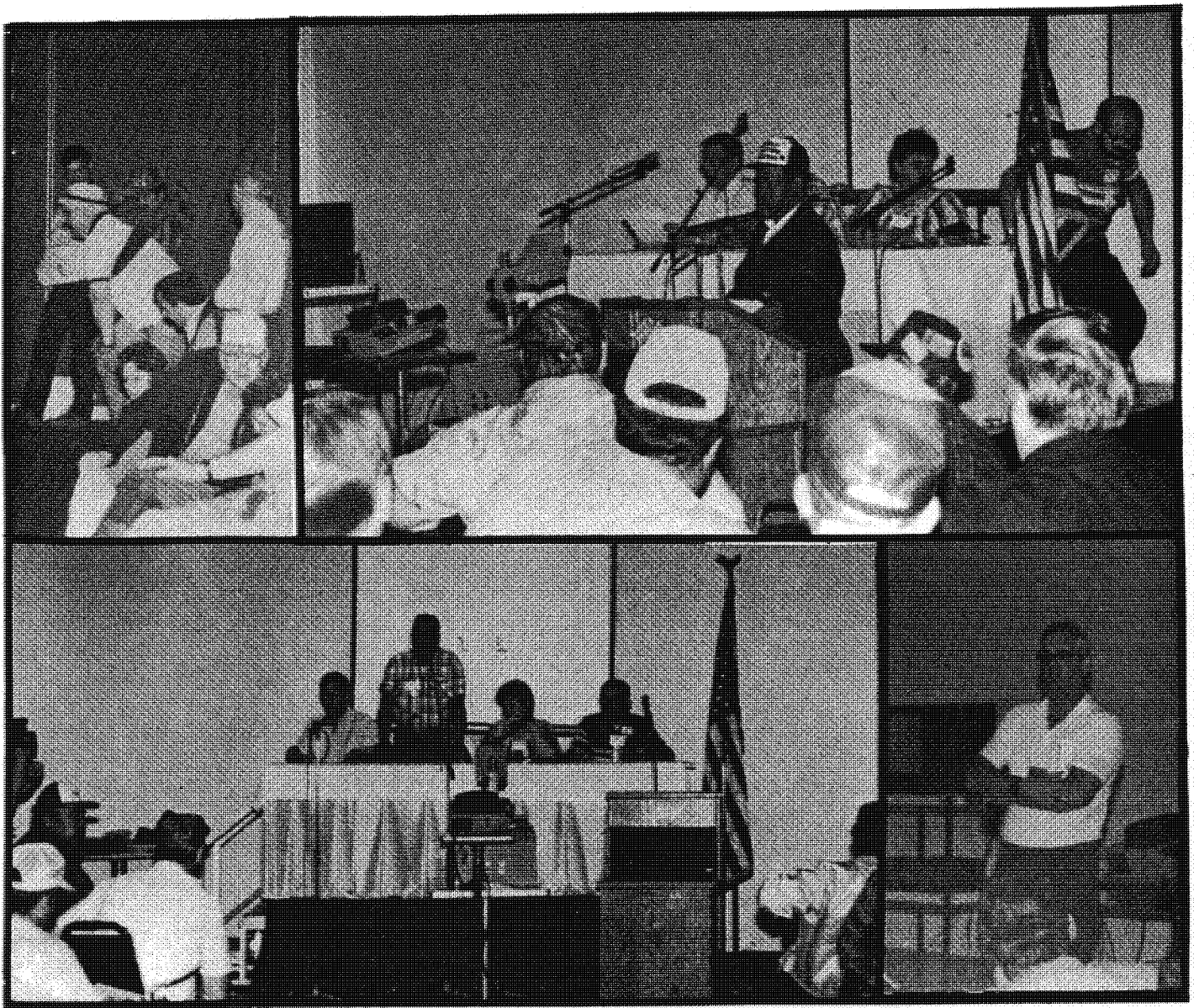


DAYTON HAMFEST 1989

10-10 FORUM AT DAYTON:

Thanks to WC8E we have a center spread of the Dayton Hamfest superstars (10-10 superstars that is). How many you can spot and name? Are you there??? I see Joe Williams and Gerry Cross. Who's that in the hat?

Then there is John (N8FU), Seo (JR3RVO), Jack (K9KKX), Hugh (WA4QZU), Bill (W8PJY), Carol (K8DHK), Gary (N8BBJ), Diane (N8BYN), and Ted (K8NJQ). And a bunch more. But I won't take the fun away. You call them!!!





## CHAPTER COORDINATOR'S DESK

### WHAT'S IN A NAME (Chapter 2)..

In my second column I proposed authorizing Chapters, after a six-month probationary period, if they couldn't meet the 7 member groundwave requirement but met all other requirements. There were no dissents so the Paper Dolls, Queens and Kings and Dancing Dolls may now remove the "Un" from authorized. Please remember that Chapter entries in 10-10 contests may only include points earned by groundwave members. And, while I'm at it, a tip of my pointed hat to the "Un" Chapters like Doll Chasers, Kangaroo Kourt and others who promote 10-10 effectively and tirelessly but have chosen, for various good reasons, to retain the "Un" for now.

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### WHAT'S IN A NAME (Chapter 3).

Let us not get lost in terminology. The 10-10 International Net, Inc. authorizes Chapters-not certificates. Certificates are the sole responsibility of the issuing Chapter. Several Chapters issue more than one certificate. As Chapter Coordinator, I want quarterly reports from the Chapter level only, but, as a paperchaser, I want the certificate info also. This is a vast area, sometimes very gray - quiz me at Milwaukee if you wish!

I NEVER MET A RULE I LIKED...  
(Apologies to Will Rogers for twisting his words).

Current rules state that 10-10 authorization will be granted to only one Chapter in a local area - with 3 exceptions. One of the exceptions is "other significant reasons" which gives me more room than AK and TX combined. Every decision in this area could be controversial and judged AFTER THE FACT with 20/20 hindsight. I think that 10-10 may be better represented by multiple Chapters in an area: more total members probably, more nets on more nights, more utilization of the band, etc. Hopefully multiple chapters would not dilute the number of members working with other local Chapters. The current rule does not ensure that all area 10-10ers will belong to the one authorized Chapter; general areas have "unauthorized" Chapters which are doing as well or better than the area "authorized" Chapter and a member may belong to one or all Chapters in an area as h chooses. The East Coast megalopolis is a prime example of multiple area authorized Chapters operating harmoniously. The rule will be dropped effective September 1, 1989, unless there is sufficient dissent communicated to me. That's my opinion - what's yours?

**DOES HE OR DOESN'T HE.....**

I do read everything you write - letters, reports, newsletters, etc, and I check the answering machine. I answer by phone or letter as and if necessary. I check the correspondent's address and the net frequency on each quarterly report to note any changes (even if they are wrong - ask WD6DFB). I print what space allows and/or what I think is pertinent. And I make mistakes.

**A LEETLE PROBLEM.....**

If you want to change frequency, ask me first. There is never a problem unless there is a conflict. Both Jim (W4YHF) and I need to know about approved frequency changes and about certificate changes; that's the only way they get published.

A number of nets are moving below 28.5MHz: I guess that is where the action is, but, we need to utilize the entire band. No recommendations - just think about it.

**ELECTIONS.....**

I mentioned them in Dayton in 1988 and again in 1989. I have mentioned them several times before in this column. Others have mentioned them. So far all I have noticed is an overwhelming apathy attack - no volunteers, no groundswells or grass roots movements and no suggestions. That tells me that you are basically satisfied with the system. Amen and so be it. As Director I will work toward that end.

**HAVE MIKE WILL TRAVEL.....**

My YL and I enjoyed Dayton

along with a hundred or so other 10-10ers. She is still not sold on getting her license or doing paperwork but she really enjoyed meeting the people. The 10-10 forum was SRO. Sorry we missed another RTX breakfast while we were in Dallas but you guys and gals were out of town. Use me as a MS contact June 7-11 if you catch me. We will see you in Milwaukee on August 11-13. Reno is August 16-20 but we are doubtful.

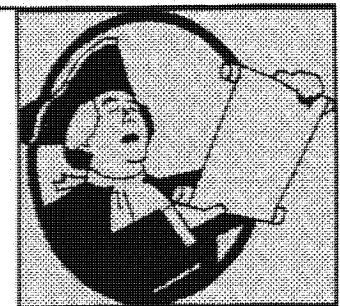
**BACK IN ACTION/OUT OF ACTION..**

The Australian Capital Chapter is reactivated as their first report since 1985 was turned in.

The Old Fort has lowered its flag and the troops have gone home. This was one of the first super-popular certificates; remember how hard Fox Fox Sugar (SK) worked on this one. The treasury was donated to the Paper Chasers Memorial Fund; they felt it came from the paper chasers, Great Idea! Farewell to a good Chapter after a long run.

**WHAT'S NEW!**

1 0 - 1 0  
MEMBERSHIP  
ROSTER - The new roster looks great to me. The larger print is easier to read and it is no longer printed sideways. Numbers issued through Mar 89 are included. All numbers of less than 5 digits have leading zeros; this will be corrected on the next printing. 1100



copies were printed and cost is \$7.50 for US, Canada, and Mexico; \$9 US currency for other DX. Orders go to KA6HQJ and you must include a copy of your membership card or a label from the News 'cause the cost is more for non-current members.

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**DAYTON SPECIALS** - Banding Iron, Dancing Doll, Doll Chasers, 51st State, Great Lakes, Michigan Water Wonderland, Niantic Bay, Prince of Pork, Steel City, Teachers Pet and White Mountains. Look for them. P. S. Some got Fort McHenry and Kangaroo Kourt nos. but I must have missed (or misplaced) mine.

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**TENNESSEE ON TEN QSO PARTY** - sponsored by Great Smoky Mtn, Music City, Trail of Tears, and Chattanooga Choo Choo. From 0000z 21 July thru 2400z 30 July. Exchange Call, name, St, 10-10# and Chap nos. Submit logs and dupe sheets by 31 Aug to N4RTY. Details fill a page so check W4YHF Guide or a Chapter member. Winners receive bonus points for one of the sponsoring Chapters.

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**AFTERSHOCK (WA6MUD)** - eff 4/15/89 - Thu(local), 28.340,0300z - 10cts or IQ - US=2+2, DX=4 - POB 517, Moreno Valley, CA 92337 - ups are 10pts/1000pts.

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**BILLY THE KID (AA5GX)** - Special Event Cert for "Whole Enchilada Festival" at Las Cruces, Oct 7 1500z-2200z 28.365MHz +or-, cost=1.

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**BOOMTOWN** - Visit Saturday

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morning coffee and receive special award

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**BORINAGE** - Super=800pts+5VIP - Extra=1000pts+10VIP - cost 2 ea, 3 for both.

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**BROOKLYN BRIDGE** - Unofficial net on Wed 2300z 28.350MHz for novices and techs.

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**COLORADO CENTENNIAL (NOCKW)** - WAS eff 1/1/89 - WC - cost=1

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**HARBORITES (N7JPF)** - Bar pilot program starts 6/1 - must have Harborite and 500 pts - cos 1+2 - 10-10 officials, ch and Cm will be HC - Harborites WAS - +25pts or plaque for shipping cost of 3.

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**IOWA HAWKEYES (NOHJQ)** - +1 for net checkin - request pts when upgrading

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**MICHIGAN ROBINS (WD8PFD)** - +1 per net chkin on 28.800MHz, max of 10 per yr - mobile ot pts cease in Sept. new program to replace

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**OCEAN STATE** - Net time changed to 0030 all year

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**OKIE RELAYS (WA5EXY)** - WAS eff, 5/21/89, retro, # only, SASE, may use 5WC but lose points. WC are #s 1FS 3FS 5FS 7FS and 8FS

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**OLD DOMINION (WA4HMX)** - now has 8 ups for pts vice cts - 1st is 200 pts and 1+2 - rest are sase - continues with +10 for each 200 pts after 1000

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**SANTA FE TRAIL (KE00N)** - "The Santa Fe Trail Chapter is pleased to announce it has become an authorized Chapter of

10-10 and will continue its 7+ year history on 10 meters as part of the 10-10 International Net, Inc. Please join us on our Monday(calendar) Tuesday(zulu) evening net at 0030Z on 28.695MHz"

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SKY BLUE WATER - New OM is WBORCC - note doesn't say but I presume for basic cert.

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SMOKY HILL TRAIL - POB 1326, Manhattan, KS 66502-0014 - eff 5/3/89 - Wed(local) 28.335, 0200z - US=3, DX and teams=5 - need 10 to qualify -some very interesting twists -color cert

---

SUNCOAST - Net changed to Thur(cal) 28.420MHz 0100z and 0000z

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TEXAS LONGHORN (WD5GSG) - eff 4/30/89 - Sun 28.380 2100z - 50pts or IQ - US=2+2 DX=3 - ups are SASE

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WHITEHOUSE - New temporary OM is WB3BMA. P.O. Box 1128, Rockville, MD 20850

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WIND FARMS - New Chapter but no cert yet - net Wed(cal) 28.485MHz 0230z

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ZODIAC (KB7DUX) -net wed 2300zs 0000sw 28.375MHz - Chapter will start at Reno convention - 1st net is Wed after Reno - No C's exchanged until first net - 57 upgrades are based on astrological signs -basic is 2+2, then sase - chap works closely with Golden Spike

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WORTH NOTING.....  
The Certificate Guide by W4YHF, the Paperchasers Memorial Fund, the new 10-10 Roster, 10-10

Life Memberships, 10-10 Phone Contest August 5 & 6, Milwaukee, Reno and the 10-10 Scholarship Fund

The Stark Co. Mutual Aid Net doesn't have a cert, averages 80 checkins per weekly net and is one of the respected elders of 10-10 Chapters. They are very active in the Skywatch Spotter program - as is my local ARC - 507 amateurs in their 15 county area have taken the training. Spotter nets (tornados, etc) are normally on 2 meters but the idea of Public Service should not escape the eyes of other 10-10 Chapters. Maybe that would be the glue to bind an ailing Chapter!

The new Smoky Hill Trail Chapter set up a coffee and cookie stand on Memorial Day ib I-70 west of Junction City KS. They had a station operating to pass messages, etc. What great publicity for 10-10 and amateur radio. They plan to do it again on July 4th.

Castle Craig will participate in Field Day as a Chapter. N1API is now ARRL Bulletin MGR for CT. Key Klix is the monthly pub of the Meriden (CT) ARC and is done in a very professional manner - good "no code" article.

FINALLY.....  
Only 49 chapters (29%) reported this quarter; 35 have not reported this year. I guess memories are getting as short as the skip. BONU

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By Hugh WA4QZU

**SPRING CW QSO PARTY RESULTS (MAY 1989)**

<u>TOP TEN</u>		<u>DX DISTRICT LEADERS</u>		<u>US DIST LDERS</u>		<u>CHAPTER STANDINGS</u>								
#1	WP4ACE 545	PACIFIC	ZL1LE 79	#1	K1QFD 32	Houston Shot	7	721	Colo Bighorn	1	83	Ocean State	1	32
2	WB5BIR 195	EUROPE	G4YX 30	2	WA2JQK 36	Possum Trot	9	551	Down Under	1	79	Channel	1	30
3	K5LZO 181	AFRICA	-	3	W3KTW 96	Fort McHenry	12	465	Hudson Valley	1	76	Brooklyn Bridge	1	29
4	NOIMH 164	SO AMERICA	-	4	KV4W 152	Colo Big Horn	5	331	City of Melbor	1	67	Lindgerg	1	27
5	KS5V 163	CANADA	-	5	WB5BIR 195	C.A.T.T.	6	251	Trotters & Pac	1	65	East Bay	1	27
6	WV5K 158	CARIBBEAN	WP4ACE 545	6	WB6RXE 98	Chotawatchee	1	148	City of Lights	1	65	Nimute Man	1	24
7	KV4W 152	ASIA	-	7	KC7KC 83	Billy The Kid	3	117	Grand Canyon	1	61	Gateway	1	23
8	W4WKQ 148	CENT AMER	-	8	N8GFI 108	Michiana	1	108	Pikes Peak	1	52	Cypress	1	22
9	WD4IBP 124			9	KC9OZ 50	Blue Bonnet	1	108	Golden Bear	2	44	Cradle of Liber	1	10
0	KJ4RV 122			0	NOIMH 164	SF Bay Area	4	107	Steel City	1	37	Mo-Kan	1	10
						QRP	1	98	Sky Blue Water	2	36	Republic of TX	1	7
						Crazy 8	1	96	Bauxite	1	35	Boontown	1	6

INDIVIDUAL STANDINGS

DX

WP4ACE 379	545	W3PHV 19	34	AREA #5		AREA #6 (CONT)		AREA #0 (CONT)	
ZL1LE 43	79	W4KM 15	27	WA5RNV 57	108	KB6LEI 4	8	KAOMTX 27	52
VK3YU 34	67	KA3SZR 14	26	KP5VP 48	88			NODBG 16	32
G4XYZ 26	30	W3PQN 14	26	K5RIS 22	43	AREA #7		KB0BQB 13	24
		WB3PGU 7	14	KC5AC 21	41	KC7KC 43	83	KD0IR 12	23
AREA #1		WA3JXM 5	10	W5EIJ 18	35	KP7JF 35	61	KA0ZFD 11	22
K1QFD 16	32	N3EDJ 4	8	AA5CX 13	25			NO1ZZ 5	10
K1SVP 14	24			N5AFV 15	24	AREA #8		W0EI 2	4
		AREA #4		W5SUU 14	22	NSGFI 66	108	KOPVI 1	2
AREA #2		KV4W 86	152	WA5GUL 8	14	WB7JY 24	44		
WA2JQK 42	76	W4WKQ 82	148	W5SRQ 4	7	WB3JM 25	44	NOTES:	
KC2IO 41	73	WD4IBP 70	124	N5EBA 3	6	NW4G 19	38	(1) There were four logs with no dupe sheet.	
W2KRR 37	65	KJ4RV 67	122	KA5TDP 3	6	W5WVR 5	9	(2) Six logs were received after deadline.	
KA2OSR 16	29	WA4EBN 59	108	WA8FBN/5 2	4	NUBU 4	8	(3) Second column in individual standings is number of contacts. Third column is point score.	
NZ2V 19	27	NK0S 40	73			NR8U 2	4		
		WB4ZKA 33	61	AREA #6					
AREA #3		N4GYZ 35	57	WB6RXE 54	98	AREA #9			
W3KTW 53	96	KA2ZGW/ 20	37	N6RVC 42	69	KC9OZ 28	50		
WB2FSB 40	74	AA4PR 20	34	W6LII 25	47	W9WYN 19	37		
W3DCN 32	58	KB4WC 16	32	N6PES 16	30	W9HOT 9	16	(4) First number column under Chapter Standings is logs. The next column is points.	
KI4IH/3 31	57	N4EWG 12	23	WA6VLS 16	30	KD9XP 8	15		
N3FUR 31	54	N4UGH 8	15	KH6UQ 14	27				
W3EHZ 28	48	KE4HW 6	11	KA6AOS 8	16	AREA #0			
NU3G 26	46			WK6S 9	14	NOIMH 97	164		
N3GCZ 23	41			KB6SWH 7	14	WB0MJG 64	119		

## SPECIAL FEATURE ARTICLE

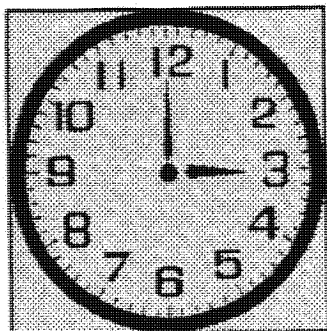
QTR! QTR!  
QTR!

To save you looking it up, QTR means time, as in, "The time is 3PM PDT." Not one of the most valuable

Q-codes since most of us have ready access to clocks or watches wherever we may be operating. I want to exhort everyone to operate in UTC. There, now that I have done that, a little look at time may be interesting.

We all know, or we have a pretty good idea what Standard time and Greenwich or Zulu are, but what underlies these rather arbitrary conventions, how and why they arose are not well known. Of course, UTC is another name for ZULU time, used by the military.

Time of day, meaning Solar time, is most useful in that it matches more or less our biological clocks, or circadian rhythm. From ancient times Solar time was strictly local. Towns a few miles apart in longitude had differing times of day but their sundials were right. Imagine the size of a digital watch with all those time zones! The initial organizing force was the railroads, trying to set up schedules. They invented Standard time in which one-hour-wide zones have uniform



time, which was adopted worldwide with a few exceptions in 19th century.

Astronomers needed a better scheme, and long before that, had started using Greenwich time, defined as mean Solar time at Greenwich observatory, near London, England, which is the zero reference for longitude. This is what is now called UTC (Universal Time Coordinated) except in French. In fact, there are other levels of UTC corresponding to actual earth motion, average earth motion and to Atomic time. It is fortuitous that a system of time is ready made for radio operation.

Using UTC, a conversion must be made from local time. If one looks at or imagines a globe, it is easy to see that UTC is ahead of local time in west longitudes. It is easy to learn the offset, and perhaps, easiest to remember as the local time of UTC midnight. Here in PST it is at 4PM, because of an 8-hour offset. This occurs at 7PM EST, with a 5-hour offset. What is a little catchy is that after 4PM PST, it is the next day UTC. Daylight time is merely using Standard time of one zone to the east, so in summer, there is a 7-hour offset in PDT, setting UTC midnight at 5PM. The need to operate in UTC for DX contacts is readily apparent, considering logs and QSL's. But how about scheduling 10-x chapter nets? Some nets,



such as the main 10-x net, are at 1800 UTC winter and summer, with local time changing.

Most chapter nets stay at the same local time, so UTC changes. In fact, and this seems to confuse people, the day of the net can change, going from say, 0030 hours Saturday in winter to 2330 hours Friday in Summer. So be it! Whatever the change, as daylight time comes and goes, it must be explicit in the chapter listings.

With the heightened sunspot activity, nets can expect DX openings almost any time. The slight extra effort of working in UTC certainly pays off in lessened confusion about logs and QSL's.

Chapter heads and net controllers particularly should be careful to log and make announcements in UTC as well as in local time. This is not an operating rule but a matter of convenience for everyone. Help the newcomers to HF and DX to learn the ropes. Explain that using UTC allows everyone, regardless of where in the world his station is, to agree on time. When you say 0100 UTC, say, in California, it is the same time in, say Australia, or in Japan, or in Germany.

Another convenience to learn is the 24 hour format. Instead of having to say AM or PM, the time is given like as if it is being read from a digital clock, followed by "hours" or "UTC" or "Z". Thus the 10-x net time of 1800 UTC is at 6PM in England. Some of these economical notations are essential for CW, but they have carried over into voice operation, being so widely

understood.

The clock at your rig should definitely be set to UTC. Pick up WWV which is the U.S. Standard time and frequency station. Each minute the time is given in UTC with a beep. The frequencies are 15, 10, 5, and 2.5 megahertz. If you can't receive WWV, just ask someone on the air "QRT". If that doesn't work ask them what time is it in UTC. Otherwise, telephone time is pretty accurate.

by Jim Cass AA6K #13849  
19559 Tulsa Street  
Northridge, CA 91326

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P.S. For those of you time nuts here is a way to go even one step beyond. WWV is located in Colorado and uses 2.5, 5, 15, and 20 MHz. In Canada, CHU, the Canadian WWV, uses 3.330, 7.335, and 14.670 MHz or just dial them on your phone any time day or night. Simply dial (303) 499-7111.

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#### WORLD CLOCK WINNER SUNCOAST CHAPTER 1988

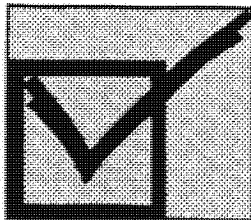
Talk about clocks. Below, Frank Paskowski, KI4IH, #37772 presents a WORLD CLOCK to Joe Thren, WB3HCU, #30574 (seated) as winner of the 1988 Suncoast Chapter Contest.



## THE WORLD OF PROPAGATION

### SIX MONTH SOLAR ACTIVITY OUTLOOK

MAY 1989 -  
OCTOBER 1989



Based on the comparison of solar cycle 22 with previous cycles, data from May indicates that cycle 22 has continued to fall behind cycle 19, the strongest cycle on record. Nonetheless, cycle 22 continues to exceed all the other cycles, and is projected to have a smoothed monthly sunspot number of 190 (+/-35) and smoother monthly 10.7cm flux value of 235 (+/-40) by the end of the outlook period. Note that the SESC regression model indicates a maximum in February-March 1990.

Refer to the charts on the following page for graphical representation of the solar activity and the comparison of the cycles.

### WWV PROPAGATION INFO

For those of you who can't wait for quarterly, monthly or even weekly forecasts and updates of shortwave propagation there is an answer. WWV broadcasts a brief summary of shortwave propagation conditions at 18 minutes past each hour. This information is also available as a recorded message from (303) 497-3235. About the only time this service is not available is when the forecast is being

updated of the lines are busy.

### EXTENSIVE FORECASTS.....

For those of you really into propagation in a big way, much more extensive forecast data is available from the NBS Space Environment Services Center's public BBS at (303) 497-5000. Modem settings are 1200, N, 8, 1. Access is free, except for the toll charge. One of the available reports is a three-day forecast of conditions. It has an outline help which even references QST several times.

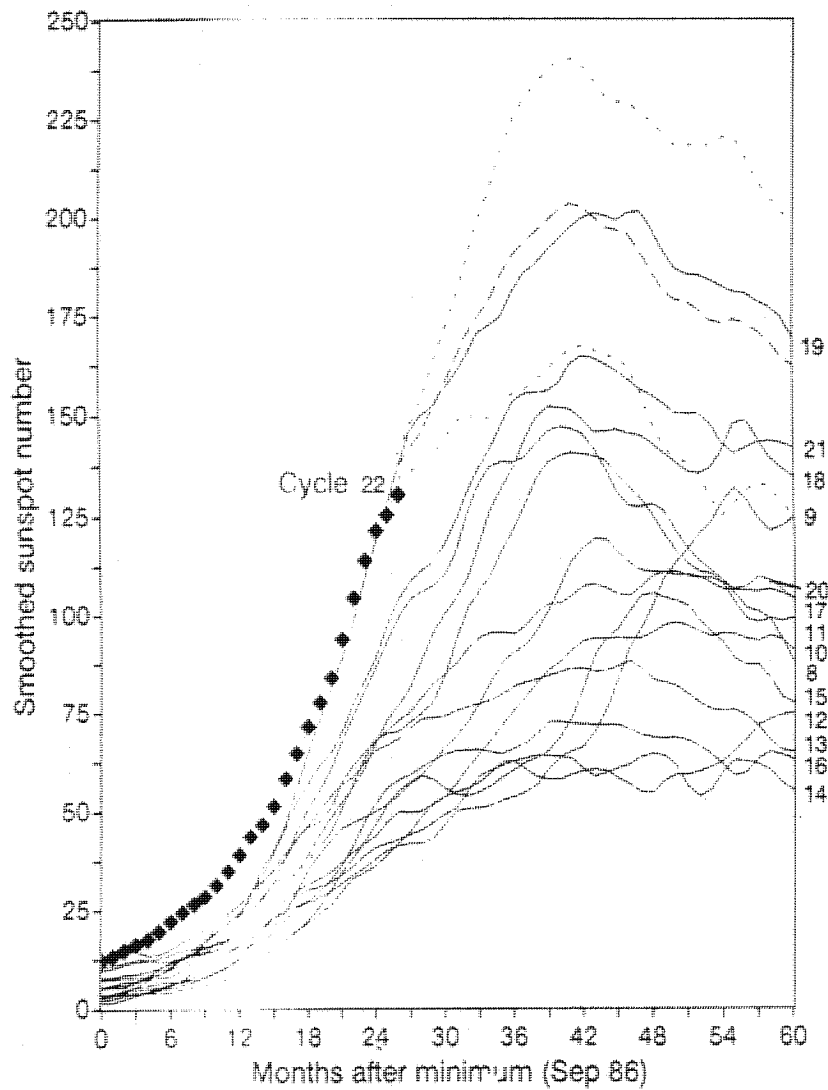
You can get reams of information including definitions and helps from this source.

### 28.125 AM BEACON

At least for one soul, 28.125 is considered a propagation beacon. He thought the taxi cabs were actually LA stations! He monitors 28.125 until he hears spanish AM stations, which is his indication that the short skip is in.

### HAWAII WWV

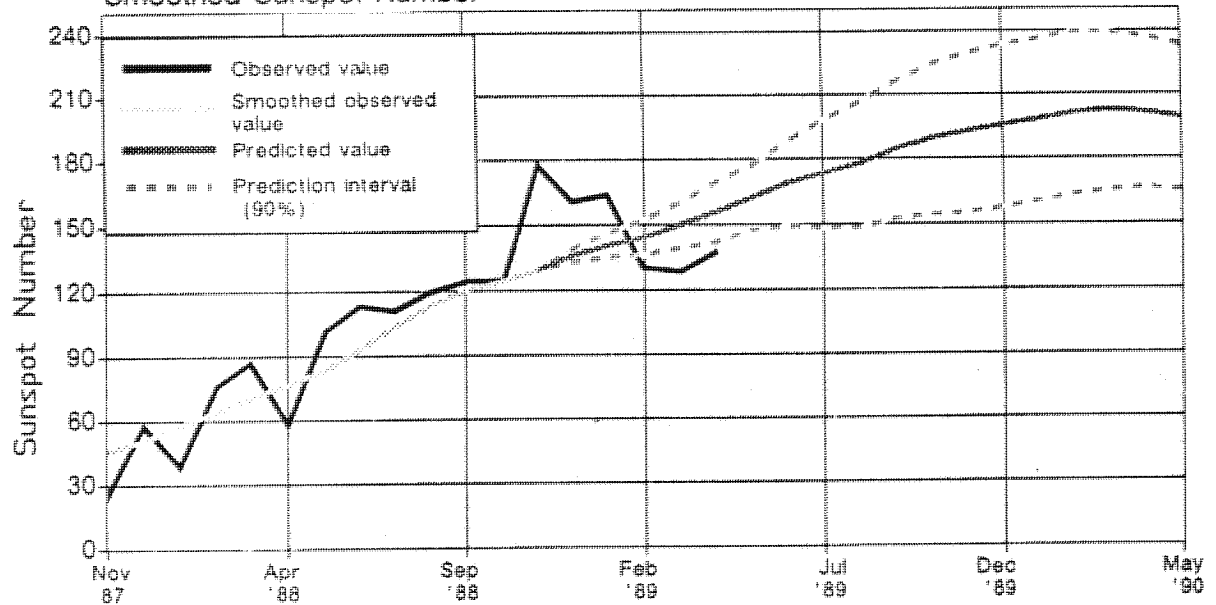
WWVH, WWV's sister station in Hawaii has started broadcasting the propagation forecasts at 45 minutes after the hour. WWV and WWVH broadcast on the same frequencies. WWVH is in a female voice. The propagation information is the same for both stations.



*SESC Regression Model  
18-Month Predictions*

*June 1989*

*Smoothed Sunspot Number*



## STATEMENT OF INCOME FOURTH QUARTER 1988-1989

JAN 1, 1989 - MAR 31, 1989

	CURRENT QUARTER	YEAR-TO-DATE
REVENUE		
MEMBERSHIP	\$ 22,402	\$ 63,666
INTEREST	2,105	7,615
TOTAL REVENUE	24,507	71,281
EXPENSES		
OPERATING EXPENSES	11,134	35,215
AREA MANAGERS	2,365	6,980
OFFICERS & DIRECTORS	960	1,458
AWARDS & CONTEST	261	742
OTHER MANAGERS & SERVICES	1,023	3,404
TOTAL EXPENSE	15,743	47,799
NET INCOME (LOSS)	\$ 8,764	\$ 23,482

STATEMENT OF REVENUE AND EXPENSE  
FISCAL YEAR ENDING MARCH 31, 1989

	1988-89	1987-88
NET WORTH at the beginning of year (4-1-87)	\$ 96,861	\$ 85,090
REVENUE		
Received from members		
Dues	58,906	
Stamps	1,255	
Rosters	1,422	
Miscellaneous	2,083	56,660
Interest on investments	7,615	6,130
	=====	=====
	71,281	62,790
EXPENSE		
Bulletins, rosters, stamps, etc:		
Postage	12,065	
Printing and Supplies	10,115	
Mailing Services and Data Processing	8,525	30,705
Reimbursements for postage, supplies, etc:		
Regional Managers	6,980	
Officers and Directors	1,458	
Other Net Managers	3,404	11,842
Awards and Contests	742	865
Scholarship Fund	1,500	3,000
Convention	3,000	
California Franchise tax & Non-Profit Tax	10	10
	47,799	51,019
	=====	=====
EXCESS of receipts over expenses	23,482	11,771
	=====	=====
NET WORTH at end of year (3-31-89)	\$120,343	\$96,861

## NOTES ABOUT STATEMENT

- i. Investments include Savings Accounts, Money-Market Savings Certificates and Interest from an Interest bearing Checking Account.
- ii. Mailing Services include label preparation, addressing, and mail drop services. Data Processing includes file maintenance (adds and changes), Directory, and Cheshire label preparation.

As of March 31, 1989 the 10-10 Scholarship fund has a balance of \$904.70.

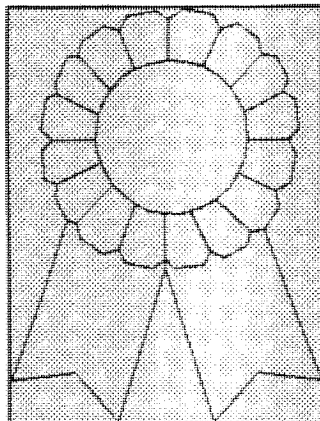
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## 10-10 AWARDS

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### AWARDS:

The awards and certification s issued in the past quarter are shown below. But there are a few changes in addresses for those of you planning



to submit applications in the near future. Both WAS and BAR managers have new addresses:  
WAS MANAGER (after Aug 7, 1989)  
Susan I. Bracken, KA1CAD  
Rte 6, Box 151  
Booneville, MS 38829

BAR MANAGER  
Wayne Childress, AA7AO  
24 Campbell Ave.  
RR3  
Flagstaff, AZ 86004

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### INTERNATIONAL -500-OF THE-WORLD

<u>VP-100</u>	<u>VP-200</u>	<u>VP-300</u>	<u>VP-500</u>
#162 - K2AAZ	#59 - N4MCH	#27 - WD6DFB	#11 - WB1DBZ
163 - N4MCH	60 - W5EIJ	28 - WB4SWK	
164 - P43HM	61 - WD6DFB	29 - KC9OZ	
165 - KA6PBU			
166 - KA7ICF			
167 - WH2AAT/4			

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### 500 BAR AWARDS

(Corrections to Spring Issue page 29)

#2071 is N7JCZ not K1AYR  
#2097 is FD1HVI not FE1HVI  
#2099 is KB1TF not KB1ITE

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### BARS AND PLAQUES

(Corrections to Spring Issue page 30)

Change second line to 100 numbers per list not 200 numbers.

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### INTERNATIONAL 500

(Corrections to Spring Issue page 30)

Change address in V.P. Certificate to 126 W 37th Street  
Also add Grace Dunlap Summer address as Box 13 Rand, CO 80473

500 BAR AWARDS

2109	KB6LEI	2117	KA5WDU	2125	KA0GAJ	2133	WB8ZMZ
2110	KB2FIO	2118	KA5WDV	2126	WB8UYA	2134	LU1ATU
2111	WA5GUL	2119	K7AJT	2127	LX1DA	2135	K8BND
2112	KB7EQO	2120	AB4HR	2128	W8RJY	2136	N7LYR
2113	KC4EJR	2121	VK4KRP	2129	KJ3G	2137	KB4OHX
2114	N1GBP	2122	KB8COH	2130	N4RRE	2138	KA4NZG
2115	KJ6LB	2123	G0DNV	2131	K5IKL	2139	K4NF
2116	W7ZGP	2124	KA1FEE	2132	N1FNV	2140	W1CWF
						2141	NOIWI

1000 BAR AWARDS

1033	KA3KNP	1038	N2EOC	1043	N4QID	1049	K6UIX
1034	KA7ICF	1039	N6SNO	1044	AA4OZ	1049A	WE7I
1035	NN2B	1040	KC1FV	1046	KA7ZAT	1050	KJ4KX
1036	KD7RX	1041	K6MPN	1047	KB6LE	1051	F6IGF
1037	WA7NOD	1042	AH6CB	1048	KC5AC		

2500 BAR AWARDS

236 NC6V    237 KA5OVO    238 K9EHP    240 N8GFI    241 N7KRS

5000 BAR AWARDS

46 NT7C

WORKED ALL STATES AWARD (WAS)

965	W6KHG	971	KA7ICF	977	KJ6HO	983	N4QLA
966	KA2ZYQ	972	KA8SHZ	978	WD5GSG	984	N6DQP
967	KA3KNP	973	KC5AC	979	KA9MTY	985	N6EMI
968	LU1ATU	974	KA2SKO	980	KB4LFA	986	NX5L
969	WA0CKO	975	KB7AZP	981	N3GBB		
970	K5RIS	976	AA4OZ	982	W0BZD		

LUCKY 13 AWARDS

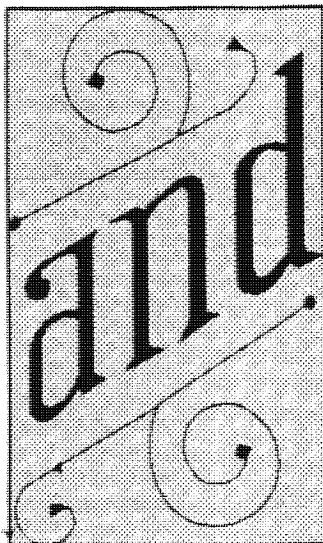
339 KC5AC    340 K5UBZ    341 W4KEM    342 W5AWT    343 NT7C

TOP TEN AWARDS

17600	WA5JDU	11800	PJ2WG	11000	WB7NUU
15900	WORWC	11300	WB1DBZ	10000	KS6A
14600	K5MRU	11600	WA9LIC	9400	W8RNB
				8500	W1ZKH

**COLLECTOR'S  
ITEM!!!!!!**

Some of you lucky people have Milwaukee Convention and Banquet tickets with an error. Somehow the tickets were printed with the name 10-



1 0 International Sideband net. The tickets have been reprinted. This is not our name and has never been our name. So those of you who have a misprinted ticket, hang on to it. Someday it might be worth a fortune.

**MEMBERSHIP SALE!!!!!!**

Here's your big chance to save some money. After January first 1990, the yearly dues for 10-10 will be \$6.00 for U.S. Members and \$8.00 for Foreign members. Save \$2.00 per year by not waiting to renew. Multiple Year and Life Memberships are available which makes it an even greater savings. Cash in on this insider information. SEE the FORM on PAGE 31.

**100-900 BAR MANAGER MOVES**

Some people pay their bills, others just move. Wayne Childress, our bar manager in Los Angeles has decided to go

where men are men and he can breathe too. The danger however is hyperventilation because you can't see what your breathing in the high country.

By the time you read this Wayne will have moved to Flagstaff Arizona. His new address is: 24 CAMPBELL AVE, RR#, FLAGSTAFF, AZ 86004. While he was at it, Wayne upgraded to Extra and has a new call AA7A0.

**WAS MANAGER ON THE MOVE**

Must be the season for moving. Susan Brackeen, our Worked All States Manager is moving from Rhode Island to the MAGNOLIA state, Mississippi. She will have room for all kinds of BIG antennas. Please hold off sending for your WAS award until August 7, 1989. It will take Susan a little time to find everything so please be patient if she is a little slow in answering.

Susan's new ADDRESS will be: RTE 6 BOX 151, BOONVILLE, MS 38829.

**NEW EDITOR**

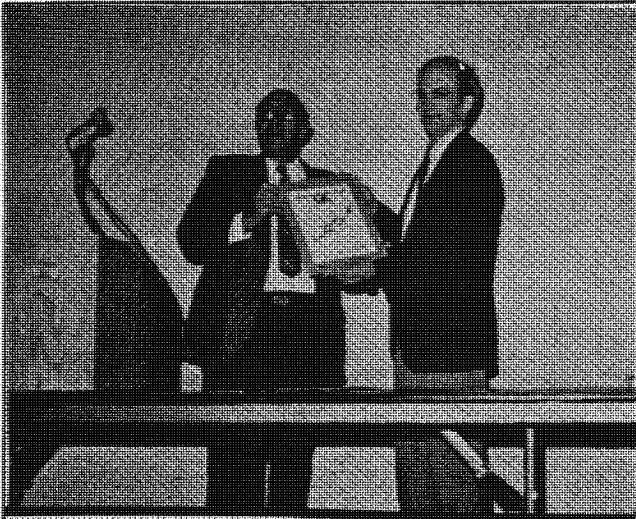
The search for an Editor has ended. We heard from five volunteers, all are eminently qualified to take over the post of Editor.

The applicants were scaled regarding 10-10's unique needs. A majority of the Board of Directors decided to go with Frank. The Officers and Board of Directors wish to thank all of the Editor volunteers.

## TEXAS CONVENTION

### TEXAS CONVENTION

During the 10-10 forum at HAM



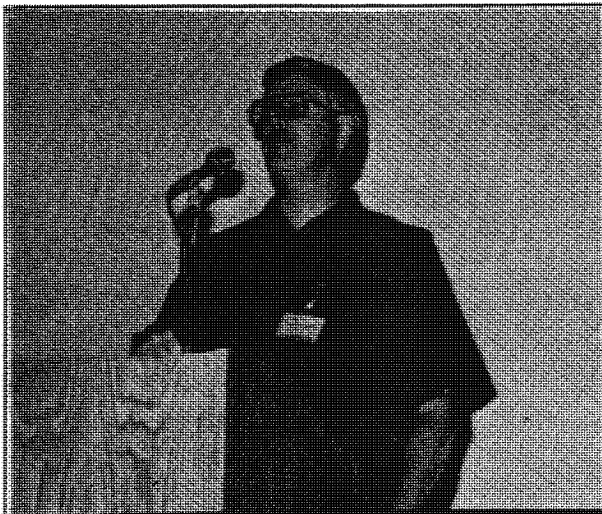
Norm , W6IRT, presenting Dave, K1ZZ with the 10-10 certificate for ARRL.

(#4852), Publisher of QST and Executive Vice President of the American Radio Relay League, was presented a certificate of membership for W1AW in 10-10 International. Norm Lefcourt, W6IRT, 10-10 President did the honors.

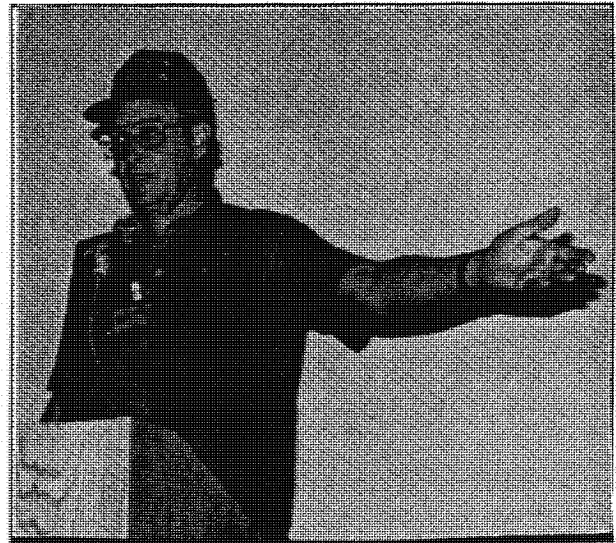
W1AW the ARRL station, now has a 10-10 number. In the past we had to work an operator with a number to get W1AW for WAS or bars. Now any operator can pass the 10-10 number.

The Republic of Texas, Cowtown and Dallas Cowboys chapters hosted the 10-10 forum at the Diamond Jubilee 75th year, celebration of the ARRL. Many other chapters were present and represented at the forum.

COM '89 in Arlington, June 2 through 4, K1ZZ, Dave Sumner



Ray Moyer, W8JKV, CH of Republic of Texas Chapter



Tom Gilbreath, WD5BFO, Net Control for Republic of TX





TOP; Left to Right: Bud N5ANN, Mavis N5JVN, Janet KB5DQX, James WA5JDM, Howdy KB5VV, Tom WD5BFO, Ray WD5BFO, Ray WD8JKV, and Joe N5FTF.

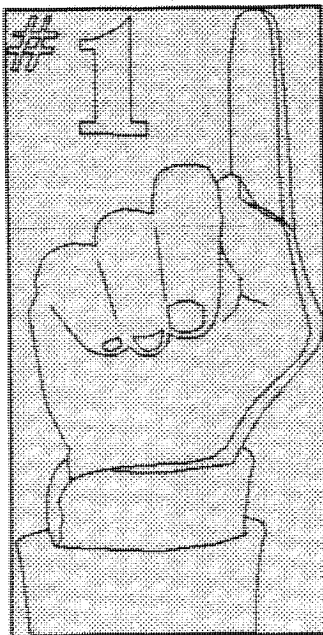
RIGHT, Lower: Sitting is Tom Little, W5GVP; Standing is Cliff Swinney KF5CA. Just what is Cliff trying to tell us. One answer was he was ordering "Five Miller Lites -Please" That seems like a lot even for a Texan!!!!

MIDDLE; Left to Right: Ray Moyer WD8JKV and Dave Sumner K1ZZ.

## 10-10 INFORMATION AND CONTESTING

### INFORMATION 10-10!!!

On the following pages is information dealing with the 10-10 club and the various certificates and awards that are available. There is also information regarding the various officers and leaders of the group along with their addresses. Application for membership and dues is found as well as who to contact for additional information.



### FALL CW QSO PARTY

Information on the 10-10 Fall CW QSO party is on the following page. Let's have a big turn out this time. For those of you a little rusty with your CW you have several months to practice. Let's set a record this time. Propagation promises to be the best of the entire cycle so here is your chance to log up a great score.

Personally I think they should give some of us a handy cap like they do in golf. What about that Harry?????

### WINTER PHONE CONTEST

The next contest will be in February, the 3rd and 4th of 1990. That period too should have great propagation.

### CONTEST VOLUNTEERS

Harry, WB1FTQ, our contest manager is looking for a few good people to man the 1990 contest effort. Here's your chance to show Hugh that volunteers are still alive and well and willing to step forward.

1990 is not that far off and Harry would like to get a list together now of who he can depend on for help. It is our group and it all stops unless we help. Get involved. That's what the association is all about and only then can you say you're really part of 10-10.

By the way Harry says he pays expenses--wait until he sees my life style!!!!!!!

### DUPE SHEET

For all you contesters, and part time contesters, Gay, AA5GX, of Billy The Kid Fame, has provided the dupe sheet on page 28. If you haven't used one in the past you should read the information and try it out. There are many different types, ARRL will also provide you one upon request. Try it you'll like it.

TEN-TEN INTERNATIONAL NET FALL CW QSO PARTY  
By: Harry Syring, WB1FTQ, #23934, Contest Manager  
37 Bradford Drive, Windsor, Conn 06095

STARTS: 0000Z November 4, 1989  
ENDS: 2400Z November 5, 1989

Ten-Ten QSO Parties are open to all amateurs but only paid-up members are eligible for awards or chapter assignment of scores. They are conducted to encourage Ten meter operation and interest in the Net. Non-Members may use the numbers collected to qualify for membership; Members may use them for awards.

#### RULES

1. All contacts must take place on the Ten meter band.
2. Exchanges: Callsign, name, state, and 10-10 number.
3. A station may be counted only once.
4. Single operator stations only are acceptable.
5. CW and RTTY modes are acceptable.
6. All contacts must take place during the 48 hour contest period.
7. Logs must be kept in UTC. (Zulu time).
8. A DUPE SHEET IS REQUIRED OF ALL PARTICIPANTS. COMPUTER DUPING IS OK.  
( You may send a SASE to me for a sample of a dupe sheet)
9. Chapter assignment of scores may be only by a paid-up member belonging to that chapter as a local member, and able to work that chapter net via groundwave from the location of the station working the contest.
10. Illegible or improperly submitted logs will be rejected. See below for log submission requirements.
11. Failure to comply with any of these rules or their intent may result in disqualification.

#### SCORING

TWO Points for each contact with a Ten-Ten number exchange.  
ONE Point for each contact without a Ten-Ten number exchange.

#### AWARDS

First place certificates to all U.S. Call Areas; KL7 included with 7th area. Also Canada, South America, Central America, Caribbean (including Bermuda), Europe, Africa, Asia, and the Pacific, (including KH6, all pacific islands, New Zealand, and Australia.) Individual and chapter scores are published in the NEWS. Paid members only are listed.

#### LOG SUBMISSION

Logs are accepted from 10-10 members only and must be legible, in UTC, and complete. Each line entry must show callsign, time, name, state, and 10-10 number (if any). A COVER SHEET IS REQUIRED of all logs showing your name, callsign, QTH, 10-10 number, membership expiration date, chapter assignment (if any), total contacts and total points. A cover sheet can be found on the rear page of the 10-10 NEWS. A DUPE SHEET MUST ACCOMPANY ALL LOGS. Logs must be postmarked no later than December 1, 1989 and mailed to: Boomtown Chapter, c/o Ed Neal, N5EBA, 1414 Hiawatha, Burkburnett, Texas 76354.

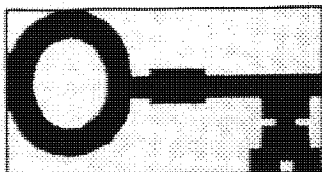
100	101	102	103	104	105	106	107	108	109	
110	111	"WHAT IS A DUPE SHEET!"								112
120	<p>A dupe sheet is a cross reference sheet for a quick determination of whether or not a station has been previously worked in a contest. The most popular type among 10-10 contestants is an 8 1/2 X 11 sheet, cross ruled into 100 rectangles each 3/4 X 1 inch. The rectangles are numbered in their upper right hand corner starting with "00" in the left rectangle and ending with "99" in the last one in the line. The second has "10" to "19". This is continued to the bottom line which has "90" to "99". These numbers represent the last two digits of a persons 10-10 number. The leading digits are penciled in when the contact is made. If this number is in the rectangle, then this is a "dupe". The contact should be notified of this and you should draw a line through this log entry. The usual penalty for submitting a dupe is the loss of both the dupe and the original contact with that station; too many dupes and the log is disqualified. When you have a pile-up on you, it is time efficient to take all comers and bring your dupe sheet up to date at the first opportunity, crossing out all dupes encountered. It is good to copy your contest log after the contest, omitting all cross-outs so that the judges will be impressed with your neatness.</p>									129
130	<p>The following 10-10 numbers are recorded on this sample portion of dupe sheet: 50772, 50, 44298, 37007 and 40086.</p>									139
140	<p>GOOD HUNTING!</p>									149
150	171	172	173	174	175	176	177	178	179	
160	507,									
180	181	182	183	184	185	186	187	188	189	
190	191	192	193	194	195	196	197	198	199	
							400,	442,		

KFSVF #40161

## SILENT KEYS

### SILENT KEYS

Although we remember all fellow silent keys on this page, this month we give a special salute to a fellow 10-10 member, Eric, KS6A of Oceanside California, who's picture is included.



00246	K1ZZN	Ray Levesque, MA	16709	WB3BBW	Mary Thome, PA
00447	W8NAL	C Circerella, OH	17353	K6KWN	C Pfeiffer, CA
00585	W7EGG	Archie Miller, AZ	18881	WB5ZBM	Lena Priest, TX
00909	W3JLX	Norm McCarthy, MD	19725	KD6PP	Don Krusen, CA
00938	W1APM	Geo Woodman, ME	20404	W5RAD	Geo Rodenberg, TX
01899	W8KBR	Robert Short, OH	21261	W6BRT	Grover Chaffin, CA
02411	N6UW	W.A. Winnegar, CA	21323	WA6OQF	Ray Olive, CA
02501	W3NHX	Louis Elliott, PA	23487	ZL2AZU	Mike Potroz, NZ
02764	W5RO	Howard Brokate, TX	23937	K1MRV	Bob Denning, MA
03116	W6HFL	Don Cummings, CA	23984	K1MED	F. Seiferth, MA
03140	WB8DUO	Robert Jeffery, CA	25097	KB6OW	Ed Knowlton, CA
03215	WA6LIJ	Gerald Starkey, CA	27044	WD0CNE	Ron Howard, KS
03283	K7BLU	George Long, AZ	27144	WA6VKW	Bart Bernocco, CA
03855	K4UEN	Curtis Hanby, SC	29192	W4LKO	Herb Strauss, FL
04255	WA6FYX	Elmer Thayer, CA	29605	K1JLW	Tom Griffin, MA
05073	WB6DUF	John Byrne, CA	30559	K3VPE	Vernon Baum, PA
05076	W6SOE	W. Schwartzman, CA	31293	K4EEF	Tully Parker, VA
05607	W8AVH	John Kiener, OH	31435	W7RIR	Gordon Henry, TX
06264	K4AUL	David Bloch, VA	32231	KA5EWZ	Wylie Reed, TX
08836	W7DNR	Robert Berge, AZ	32690	WA6DXO	Ev Linscott, CA
08953	W7LZS	Ray Dickerson, OR	32759	KX7C	Gerald Byerly, ID
10066	K8HED	Harry Lotze, OH	32853	N8BZK	Joe Curran, OH
10860	W5OB	John Robertson, LA	33480	KA4SCE	Otis Almarode, VA
11021	W1ASO	George Grosner, CT	34332	WA7CBN	Francis Bacon, WA
11154	K7CO	William Smith, AZ	34748	NM6U	Tom Kenny, MA
11175	K7AIN	John MacNeill, WA	36038	W6IPQ	Herb Chase, CA
11681	WA4NYP	Joseph Burk, GA	36451	KA4BBT	Ross Gessford, FL
12940	K0TUH	Francis Bigley, NE	37524	W2EDT	Frank White, NY
15098	W5BW	Tom Braidwood, MS	38168	WN8ODT	Fred Hines, OH

## 10-10 INFORMATION AND AWARDS

### MEMBERSHIP

Work 10 members. LOG each 10-10 number, call sign, operator's name and location. Send list to your numeric call sign or DX area manager, with \$5.00 U.S new member registration fee. \$6.00 (foreign). Life and family memberships are available as well as annual. See order form. You will be issued a certificate of membership as well as a permanent 10-10 number. You will receive the 10-10 International Net news publication mailed regularly to all full members.

### AWARDS

To apply for ANY of the 10-10 awards listed below, proof of paid-up membership is MANDATORY. A copy of your membership card or the address label from your copy of the 10-10 News must be sent with the award application.

### BARS AND PLAQUES

Work 10-10 members with on the air 2 way communication, exchange numbers etc. Only 200 numbers per list may be submitted.

1. List numbers in numerical order, call sign of station worked, operator's name and location (QTH).
2. Submit only one list at a time.
3. Include YOUR name, CALL, 10-10 number and state which 100 bar you are requesting.
4. Enclose with your list a 4X9" envelope self addressed and stamped (SASE) with enough U.S. postage to return to you.
5. Bar applications Number 100 thru 900 are mailed to: Wayne Childress, AA7AO, 24 Campbell Ave., Flagstaff, AZ 86004. Bar applications Number 1000 and up as well as plaque applications are mailed to: Andy Anderson, N5CUQ, Rte 3, Box 245; Fredericksburg, Tx. 78624.
6. A 500 bar certificate costs \$1. Plaques for working 1,000, 2,500, etc. cost \$5.00 U.S. currency postpaid.

### INTERNATIONAL 500 OF THE WORLD

With the 500 BAR comes an Honorary VP number, membership in the International 500 of the world, and eligibility to go after the following two awards:

1. V.P. Certificate: For VP's who work 100, 200, etc. other V.P. members. Contacts must be made above 28.9 MHz or below 28.55 MHz. Each contact must last at least 5 minutes or more. For complete rules and cost send a 4" X 9" SASE to: Hiram E. Wolf, W4NWP, 126 W. 37th St., Riviera Beach, Fl 33404.

2. Lucky 13 Certificate: Work 13 different V.P. members. Each contact MUST be in a different 100 KHz segment of 10 Meters. Forms and rules are available from Wayne Childress, AA7AO, 24 Campbell Ave., Flagstaff, AZ 86004.

### WORKED ALL STATES (WAS)

Work and get QSL confirmation from one 10-10 member in each of the 50 states. For complete rules, application form and cost send a 4" X 9" SASE to: Susan Brackeen, KA1CAD, Rte 6 Box 151, Booneville, MS 38829. (NEW) after August 7, 1989.

### COUNTRIES AWARD

QSL confirmation of QSOs with 25 or more 10-10 member countries. For complete rules, application form and cost send a 4" X 9" SASE to: Alan Sherman, K1AS, RR # 4, Box 422, Danielson, CT 06239.

### WORKED ALL CONTINENTS

QSL confirmation of QSOs with a 10-10 member in each of the six continental areas. For detailed rules, application form and cost send a 4" X 9" SASE to: Chuck Imsande, W6YLJ, 18130 Bromley St. Tarzana, CA 91356.

# 10-10 INTERNATIONAL AREA MANAGERS

U.S.A.

1st. call area	Al Kaiser	N1API	194 Glen Hills Rd.	Meriden, CT 06450
2nd. " "	Larry Berger	WA2SUH	9 Nancy Blvd.	Merrick, NY 11566
3rd. " "	Jim Duppins	WA3RBQ	2317 Windsor Ave.	Baltimore, MD 21216
4. FL, PR,	Dave Buschow	WD4MPG	2319 Contest Ln.	Haymarket, VA 22069
4. VA, NC, SC	Tom Henderson	K4CIH	4901 15th Pl. East.	Tuscaloosa AL 35404
4. KY, TN	Rick Roberts	N4KCC	2108 Collins Ln.	Soddy Daisy, TN 37379
4. GA, AL	Jim Beswick	W4YHF	112 Owl Town Farm	Ellijay, GA 30540
5th. Call area	Grace Dunlap	K5MRU	(Oct to June) BOX 445	LaFeria, TX 78559
5th. " "	Grace Dunlap	K5MRU	(June to OCT) BOX 13	Rand, CO 80473
6th. " "	Dick Rauscher	W6ANK	4371 Cambria St.	Fremont, CA 94538
7th " "	Willie Madison	WB7VZI	10512 W. Butler Dr.	Peoria, AZ 85345
8th " "	John Hugentober	N8FU	4441 Andreas Ave.	Cincinnati, OH 45211
9th " "	Berniece Tielmann	N9CDO	Rte. 1 Box 207.	Lenzburg, IL 62255
10th " "	Alice Hathaway	N0DES	1221 S. Santa Fe Ave.	Pueblo, CO 81006

ALL COUNTRIES EXCEPT VK, ZL and USA

Carol Hugentober, K8DHK 4441 Andreas Ave., Cincinnati, OH 45211 U.S.A.

VK Australia Les Olsen, VK2JLO 3 Noumea St., Shalvey 2770, NSW, Australia

ZL New Zealand T.J. (Mac) McKenzie, ZL3RK 73 Cygnet St., Christchurch 9, NZ

## ORDER FORM

\*\* NEW MEMBER, REGISTRATION FEE. One time only \$1.00 \*\*\* \$ \_\_\_\_\_

ANNUAL DUES, USA MEMBERS. \$4.00 times number of years wanted. \$ \_\_\_\_\_

ANNUAL DUES, FOREIGN MEMBERS. \$5.00 times number of years wanted. \$ \_\_\_\_\_

LIFE MEMBERSHIP, 25 times the ANNUAL DUES (\$100 or \$125) \$ \_\_\_\_\_

FAMILY MEMBERSHIP, add \$.50 each person each year \$ \_\_\_\_\_

10-10 STAMPS, 100 stamps \$1.00 \$ \_\_\_\_\_

TOTAL DOLLARS ENCLOSED ---> \$ \_\_\_\_\_

SEND TO YOUR Call # Area Manager, EXCEPT: Life Membership order goes to the TREASURER, GERRY GROSS, WA6POZ. 1624 N. Dorothy Dr. Brea, Ca. 92621.

**10-10 ROSTER** \$7.50 US, \$9.00 DX. Paid up members only.

MAIL TO: Dee Gilbert, KA6HQJ, 515 E. 2nd St. Rialto, CA 92376. \$ \_\_\_\_\_

Make all checks payable to 10-10 International Net, Inc. DO NOT send cash. All applicants and DX members are reminded that Dollar amounts quoted are in U.S. Dollars. DX members pay by International Postal Money Order only.

NAME \_\_\_\_\_ CALL \_\_\_\_\_ 10-10 # \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_

STATE/COUNTRY \_\_\_\_\_ ZIP \_\_\_\_\_

INCLUDE CALLS, NAMES AND NUMBERS FOR FAMILY MEMBERS. \_\_\_\_\_

CALENDAR SECTION

August 5-6th. 10-10 Summer PHONE QSO PARTY. Rules in last issue. Mail cover sheet page 32, this issue w/label.

August 11-13th 2nd CONVENTION, 10-10 INTERNATIONAL NET, INC. Call KA9MTV, Dick, Box 83134, Milwaukee, WI 53223

August 16-20th Paperchasers meeting, Reno NV, Call K7CZQ, Bea, Rte 62, Box 3056, Livingston MT 53223

Sept. 19th 10-10 International Net Calif. Luncheon Meeting, 12 noon. Sir George restaurant, 4780 E. Pacific Coast Hwy, Long Beach, CA. \$7.50 all you can eat buffet. Call W6IRT at (818) 503-1912

Nov. 4-5th. 10-10 International Fall CW QSO PARTY. Rules, see page 27 this issue.

Feb 3-4th 10-10 International Winter PHONE QSO PARTY.

Complete and tear off here. Attach to front of your contest log.

# Cover Sheet

**1989 Summer QSO Party** Chapter Assignment: \_\_\_\_\_

Total contacts with 10X #: \_\_\_\_\_ X 2 = \_\_\_\_\_ Points  
 Total contacts without 10X #: \_\_\_\_\_ X 1 = \_\_\_\_\_ Points

SEND CONTEST LOGS TO:  
 Fort McHenry Chapter  
 c/o Fred Plitt, W3DCW  
 2271 Four Seasons Drive  
 Gambrills, MD 21054

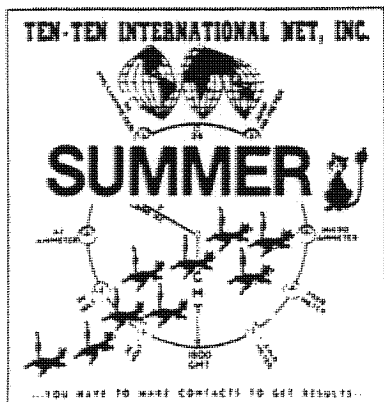
\_\_\_\_\_  
 Total contacts

\_\_\_\_\_  
 Total Points

Lee Pasewalk, WB6MGM (Rec. Mgr.)  
 18815 Yukon Ave.  
 Torrance, CA 90504

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

BULK RATE  
 U.S. POSTAGE  
 PAID  
 PERMIT NO. 6  
 LONG BEACH, CA



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