

DELTA AMATEUR RADIO CLUB

SPARKS Web Edition

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W 4 B S R E P E A T E R S Y S T E M
146.82, 147.36, 224.42, 443.2 & 145.03 Packet

OCTOBER MEETING TOPIC

Due to the cancellation of the September meeting because of the events occurring on September 11, the planned topic regarding construction of a Quagi antenna was moved to the October meeting. In addition to the presentation, for just a \$5.00 requested donation, you can enjoy a fantastic Spaghetti dinner cooked by Tony, WA4KHN, and Lance, N4GMT, and served to your table by your DARC Board of Directors.

What's a Quagi, you may ask? According to Tom, K4TTA, it's a fantastic antenna, easy to build with no special tools, using readily available materials - all for less than \$20.00! Got your attention? Come to the October meeting and watch Tom and Terry, KB4KA, build one right before your eyes!

As far as the dinner, we will begin serving at 6:30 PM. All the fixin's are donated (mostly by Tony) and a \$5.00 donation per plate will be accepted to enrich the Club's coffers. The menu will include:

- Spaghetti w/meat sauce
- Salad
- Bread
- Ice tea and cold drinks

If you could bring a dessert to share, it would be appreciated. Dinner will be served by your 2001 Board Members. Come out to the meeting early, have some good food and fellowship, and support your Club.

VICE DIRECTOR'S NOTES

Like everyone else in the country, here in Memphis I followed the morning's developments in a state of shock and disbelief on Tuesday, September 11, 2001. Many, many messages of condolence and support were received from around the world at ARRL Headquarters.

At this time, I have received information of four (4) amateur radio operators who became silent keys in the attack on the World Trade Center. The tragedy that struck the United States is unrighteous and hideous. There is no greater need than now for our nation to pray for our country's leaders, victims, and their families who are still waiting for an answer, and let us be sure to pray for the perpetrators of these cowardly acts that love and compassion may enter their hearts.

Let me discuss some of the issues in amateur radio. At the July Board of Directors meeting, as a major goal of our advocacy activities, legislative action should be granted to amateur radio services. Covenants Conditions and Restrictions (CCR) prohibit or restrict amateur radio antennas, as it is presently available to other services. The Executive Committee was directed to develop a plan of overall strategy to direct and focus the efforts of the various entities of the ARRL to achieve that goal.

The forty (40) meters band is sure to be on WRC 2003 agenda. What are the requirements and how will it affect us as amateur radio operators in America? I am almost sure we will see a change on forty meters, as we know it today. How much of a change, I am not sure.

The ARRL Board of Directors approved at the July meeting to petition FCC for a new HF band. We now have RM-10209 as of that petition for 5 Mhz band (5.250 to 5.4 Mhz). There is no mention of the possible mode of operation on that band.

The Logbook of the World is continuing to progress at ARRL Headquarters. ARRL has been in contact with several software developers to contract the necessary software. ARRL is looking into the possibility of a do-it-yourself program to get data to Headquarters.

International Regulations are approximately two typewritten pages in length. Another item on the WRC 2003 agenda is a change to call sign suffixes. Currently it is 3 digits. Finally, the International Morse Code requirement to receive an amateur radio license is an agenda item for discussion.

Henry R. Leggett, WD4Q
Vice Director, Delta Division
ARRL

HAM RADIO SHRINKS THE GLOBE!

By Terry Cox, KB4KA

I thought you might be interested in this ham radio story that happened to me. It just goes to show how small the world we live in really is!

From 1966 to 1969 I lived in the City of Torrance in the Los Angeles area of southern California. My neighbor, Cy Perry was a "techie" type that worked for a company called TRW, and was primarily interested in stereo music systems as a hobby. I was also a "techie" type, worked for Magnavox Research Labs, and was somewhat interested in stereo systems. We both worked on classified projects at our companies, so did not converse about work activities. We mostly talked about stereo and our families; Cy was married and had a son about 2 yrs old (Eric) and a baby daughter. My family consisted of my wife and newly adopted son, Trent, about 3 months old. In 1970, I moved to a new home in Simi Valley, CA, just as Cy was deciding to accept a contract with TRW to move to Australia. That was the last I heard from the Perrys for a number of years.

Meanwhile, I moved to Denver, San Francisco, and back to Simi Valley, when in 1975, my wife and I decided we would move back to our childhood home of Memphis, TN. Our primary concern was that our son, and daughter who was born in late 1969, could have the benefit of growing up around their maternal grandparents. After moving back to Tennessee, my interest in amateur radio was rekindled (from my teenage years), and I obtained my Novice, Technician, General and Advanced licenses from 1977-1978. I also became an avid DX'er and experimenter/builder of accessories for my ham station, which was a combination ham shack/electronic shop in my garage.

One night in 1982 (May 27th to be exact), I was building some project on the work bench across the room from the Yaesu FT-101E, which was powered up on 20 meters, with the Hygain 205BA at 65° pointing to the southwest. During a lull, a station in Australia, VK8KP began a conversation with a station on the east coast of the US. I could not hear the US station but the VK station was at least 59. I listened in on the one side of the conversation that I could hear. It wasn't long after conversation began that I lost interest in the electronic project I was working on, and was devoting my full attention to the 20 meter contact in progress. It seems the VK station was operated by a fellow named Cy and he was located in Alice Springs (where I knew TRW operated a satellite ground station for the CIA). He had a son named Eric who was home on holiday from the university in Melbourne and spoke with a distinct American accent! Could this be the Cy Perry I knew in southern California?

I patiently waited for the two to complete their contact, and as soon as they cleared, I excitedly called the VK station. After exchanging the normal information (RS, QTH, first names, etc.), I asked if Cy had ever lived in southern California. I know the over, Cy indicated that, yes, he had lived in southern California, but it had been several years previous. I then replied that if he was Cy Perry, and had lived on Highgrove Street in Torrance, CA, then I had been his neighbor. A quick response from Cy asked, if in fact, could I be Terry Cox? Of course the answer was yes, and we had a lengthy conversation about the families and other subjects.

We met on the air at least three additional times, and enjoyed our contacts. I was inactive for quite a while and when I got back on the air I started looking for Cy. I couldn't find Cy's listing on any of the lookup services. One morning while on the Southern Cross Net (14.2265 MHz) I ran across Terry Murphy, VK8TM, in Alice Springs. I asked him if he knew VK8KP and he indicated Cy had passed away within the past three years. My heart was heavy.

There are some positive things to consider and the following points illustrate how unique our hobby can be:

- I did not know it at the time, but Cy was a ham already, although inactive, when we lived next door to each other in California. I did not obtain my amateur radio license until several years later.
- I just happened to have the radio turned on and was listening at the time when Cy was contacting the east coast station.
- My radio just happened to be on the frequency that Cy was using; I was NOT TUNING the rig looking for signals!
- My beam antenna just happened to be pointed in the right direction to receive Australia.
- The conversation between Cy and the east coast ham gave enough information to allow me to put two and two together and realize that this was my ex-neighbor from California.

It seems to me that our original contact was pre-ordained by someone of higher authority than the Federal Communication Commission and the Australian PTT! I'm still looking for other unique contacts out there in radio land, but this has been the best one so far! If you haven't tried HF, there's a whole new radio world waiting for you to discover.

73, Terry, KB4KA

FCC REGISTRATION NUMBER BECOMES MANDATORY IN DECEMBER

Submitted by Joan, KN4PM

Get ready (again) for the FRN! Although the FCC has slipped the deadline before, the Commission said this week that, starting December 3, 2001, everyone doing business with the FCC--licensed or not--must obtain and use a 10-digit FCC Registration Number--or FRN. The FCC called the move "a first step" toward streamlining fee collection and tracking. Many amateurs registered with the Universal Licensing System (ULS) were assigned a 10-digit FRN by the Commission Registration System--or CORES--in a one-time cross-registration last year and notified by mail. Details to implement CORES for the Amateur Service are still being worked out. Steve Linn of the FCC's Wireless Telecommunications Bureau said just how CORES and ULS will work together remains up in the air. "CORES is not replacing the ULS database," he explained, "but there are a lot of questions as to how it is to be integrated." A final implementation with respect to Amateur Radio is "yet to be determined," he said. Under the most likely scenario, however, CORES registration will supplant ULS registration for those who do not already have an FRN. Those without an FRN will be required to register and provide one before transacting business with the FCC, whether or not a fee is required. An individual does not have to hold an FCC license to obtain an FRN. The requirement to obtain one extends to applicants for an Amateur Radio license as well as to anyone required to pay a fee to the FCC, such as those applying for a vanity call sign. CORES registrants will be required to supply a Taxpayer Identification Number--or TIN--typically a Social Security Number (SSN) for an individual. The FCC says CORES information is not made public. An FRN will not be needed to file comments in rulemaking proceedings. Filings that do require an FRN but don't include one will be rejected. The FCC has not yet proposed replacing the ULS License Identification Number with an FRN; many amateurs already have both, and both numbers appear in FCC license records. The ULS continues to be available to new registrants. The FCC began implementing CORES last year. The agency announced the adoption of its new CORES/FRN rules on August 31 and detailed the requirements in a Report and Order. In its Order, the FCC sounded almost apologetic for imposing yet another set of numbers on licensees and applicants. "We realize that the manner in which our electronic systems have developed has resulted in a multiplicity of numbers, passwords and identifiers," the FCC conceded. The FCC said that once various electronic filing systems--such as ULS--incorporate CORES and FRN into their application process, "the need to maintain registration information in multiple systems will be eliminated." The FCC said CORES makes provision for the registration of foreign nationals unable to obtain an SSN by providing the ability to register without one. The FCC has required that club stations obtain an assigned TIN when registering in the ULS. In an apparent about-face, the FCC's CORES Order states that unincorporated radio club registering in CORES should use the TIN/SSN of the license trustee. The ARRL has asked the FCC to clarify. The on-line filing system and further information on CORES is available by visiting the FCC CORES Web page, <https://svariinfos2.fcc.gov/core/CoresHome.html>. A copy of the FCC R&O is available on the ARRL Web site, <http://www.arrl.org/news/stories/2001/09/04/3/core/ro.pdf>.

VE CORNER

There was no testing session held September 11th, a sad day in our history. So I offer this as solace to all the survivors, families and friends:

Make me a channel of Your peace.
Where there is despair - let me bring Your love,
Where there is injury - Your pardon, Lord,
And where there's doubt - true faith in You.

Make me a channel of Your peace.
Where there's despair in life - let me bring hope.
Where there is darkness - only light,
And where there is sadness - only joy.

Make me a channel of Your peace.
It is in pardoning that we are pardoned/
In giving to all men - that we receive,
And in dying that we are born to eternal life.

O Master, grant that I may never seek
so much to be consoled as to console.
To be understood as to understand,
To be loved, as to love with all my soul.

"The Prayer of St. Francis"
God Bless America!!

Our hearts go out to the families of those still unaccounted for, especially for our own:

Steve Jacobson N2SJ
Bill Stackman WA2ACW
Bob Cirti Sr. KA2OTD
Michael Jacobs AA1GO

Submitted by:
Joan KN4PM

NO LONGER A "HAMFEST SPECIAL", BUT STILL A GOOD DEAL!

You will notice that there is a Delta Club membership renewal application included in this newsletter. For renewing members, we would appreciate your prompt attention to this matter, as all regular memberships expire on December 31, 2001. When the Memphis Hamfest was held during this time of the year, we always ran what we called the "Hamfest Special". We still offer this special, although it might be more appropriately called the "Year-End Special" now. If you are not currently a member of Delta Club, you can join for the 2002 year now and get the remainder of 2001 for no additional charge! Please take a minute to fill out the enclosed application now and mail it or, better yet, bring it to the October meeting with you.

YOU MIGHT BE A HAM IF ...

- Your spouse says "Let's go see Aunt Anna" and you thought they said "Antenna"!
- Your spouse says "Could you cut the grass?" and you thought they said "Pound the Brass"!
- You pay your child's allowance with Candy Store gift certificates.

Dear Friends,

I can't say how shocked we were to hear of thousands of innocent victims and still cannot believe it can be true.

We would like to send our heart felt sorrow to those that perished in these terrorist attacks. We believe America along with other nations will respond with an adequate action. Justice must be served.

Please know our hearts are with you.
Valery (RA6YR) & Olga Kharchenko
Maykop, 385000 Russia

FROM THE ARRL LETTER

Vol 20, No 38
SEPTEMBER 21, 2001

WORLD TRADE CENTER AMATEUR RADIO VOLUNTEERS BEARING UP WELL

New York Amateur Radio Emergency Service and Radio Amateurs Civil Emergency Service volunteers generally are in good spirits, but tired, says New York City-Long Island Section Emergency Coordinator Tom Carrubba, KA2D. "The mood is positive," he said, more than a week into the grim reality of the World Trade Center attack response. "Overall, it's going very, very well. Everybody's settling into the routine of the operation." Two dozen or more hams per shift are covering communications and logistical support for the American Red Cross as well as supplementing communication for the New York City Office of Emergency Management. "It's a great effort every day, 24/7, and it's expanding as we get more requests." A single, multi-purpose ARES/RACES net is being maintained on the 147.000 MHz repeater in Manhattan. New York City District Emergency Coordinator and RACES Radio Officer Charles Hargrove, N2NOV, is serving as the incident commander. At this point, Carrubba said, the need for volunteers is being largely covered by amateurs from the Greater New York City Area--which includes New York City and Long Island, Eastern New York, Connecticut and Northern New Jersey. Hams have volunteered from all over, however, including at least eight Delaware-Legh Amateur Radio Club members from Pennsylvania's Lehigh Valley.

Hams are deployed to 13 American Red Cross shelters, two OEM sites, several staging areas, and Red Cross headquarters, and as net controls. At any given time, up to a half dozen amateurs are posted just outside the secure perimeter of the so-called "Ground Zero" World Trade Center site, where Carrubba described conditions as "terrible." Volunteers there have been asked to provide respirators and other protective clothing. Shifts at all locations are 12 hours long. Carrubba explained that Amateur Radio volunteers are being rotated in and out of areas and duties in an effort to equalize the stress. "The first 30 or 40 hours everybody does 'the iron man' act. I call it, because they're running on adrenaline," he said. After that, everyone gets some rest and unwinds a little bit. "The people that are going back are fresh," he said. Since September 11, more than 350 hams have volunteered in excess of 5000 work hours.

Carrubba anticipates the Amateur Radio support operations to continue for some time to come, since the normal telecommunications systems remain disrupted or problematic. "The communications in the shelter are being used like telephones," he said. Telephone service is available, but it can take 15 or 20 tries to get a call through. Carrubba said net traffic has been substantial, although there are occasional lulls.

Many more volunteers will be needed before the ARES and RACES operation stands down "Right now our task is a long-term effort, Carrubba said. "The schedule is being filled in on a day-by-day basis." To date, more than 200 individuals have signed up via the World Trade Center Disaster Relief Communications Web site, <<http://wtrc.ab2m.net>>.

Carrubba expects that Amateur Radio assistance might be needed at least another week and possibly longer. "As long as there's a need for communications, we will be there," he said. In the meantime, REACT International is seeking additional Amateur Radio and licensed GMRSS users, primarily to support the Salvation Army's relief efforts in New York. "We still need volunteers," said REACT International Secretary Lee Bessing, NSNTG, who added that some shifts on Wednesday went unfulfilled. "They're burning out and having to return to their jobs," he said. REACT is now running 20 volunteers per shift. Volunteers should visit the REACT International Web site, <http://www.reactintl.org/tragedy_09112001.htm> or contact Charles Bessels, <NYCHelp@reactintl.org>.

PENTAGON ARES TEAM STANDS DOWN

The team managed by Virginia Amateur Radio Emergency Service to support the Salvation Army's disaster relief operation at the Pentagon stood down this week. Virginia Section Emergency Coordinator Tom Gregory, N4NW, thanked all who volunteered and turned out to assist following the September 11 terrorist attack.

"With the changes in security, increased shift times and, most of all, the ability of the Salvation Army to [now] manage their support operations via telephone, the need for Amateur Radio has ended," Gregory said. "The support provided here in Virginia, by the hams in New York--where operations continue--and in Pennsylvania clearly demonstrates the resolve and commitment by so many hams to meet the needs of our fellow Americans at this time of great tragedy."

CONTEST CALENDAR

Here are some of the contests coming up in the next few weeks...

The TARA PSK31 Rumble (The Fall Classic). Sponsored by Troy ARA, 0000z through 2400z, October 6th, contest info: <http://www.qsl.net/vm2u/score.html>

California QSO Party, sponsored by the North California Contest Club, 1600Z Oct 6 until 2200Z Oct 7; <http://www.csp.org>

Arkansas QSO Party, sponsored by the Ozark Wireless Society, 1400Z Oct. 6 until 0500Z Oct. 7;

YLRL YL Anniversary Contest, CW, sponsored by YLRL, Oct 10 to 0200Z Oct 12. (phone Oct 24- Oct 26); <http://www.qsl.net/yrl/ycontest.html>.

Ten-Ten Day Sprint, sponsored by Ten-Ten International, from 0000-2400Z Oct 10; <http://listserv.kehjeh.edu/lists/ten10/rules.html>

Pennsylvania QSO Party, sponsored by the Nittany ARC, 1600Z Oct 13 until 0500Z Oct 14 and 1300Z until 2200Z Oct 14; <http://www.qsl.net/narc/paqso.htm>

FISTS CW Fall Sprint, sponsored by FISTS International CW Club, 1700Z until 2100Z Oct 13; <http://www.FISTS.org>

Illinois QSO Party, sponsored by the Radio Amateur Megacycle Society, 1800Z Oct 21 until 0200Z Oct 22; <http://www.megsnet.com/~jemat2/rams.html>

Asia-Pacific Sprint, CW, sponsored by Asia-Pacific Sprint Contest Committee (APCC) 0000Z - 0200Z Oct. 21; <http://www.01.us-page-so-net.net/jp/ja2/apsprint.html>

CQ WW DX Contest, phone, sponsored by CQ Magazine, 0000Z Oct 27 to 2400Z Oct 28; <http://cqww.com/cqww/>

Ten-Ten International Net Fall CW QSO Party, sponsored by Ten-Ten International, from 0000Z Oct 27 to 2400Z Oct 28; <http://listserv.kehjeh.edu/lists/ten10/rules.html>

SPECIAL EVENTS

Radioville, IN: Porter County Amateur Radio Club, K9PC, 1500Z to 2000Z Oct 6, celebrating the history of Radioville. 7.246 14.246 21.346 28.446.

Robbinsville, NC: Smoky Mountains Amateur Radio Team, N4GSM, 1400Z to 2000Z Oct 6, for the anniversary of the opening of the Cherokeeals Skyway. 7.242 14.242.

Richmond, KY: Eastern Amateur Radio Society, KE4YVD, 1500Z to 2200Z Oct 6, for the kickoff of the Presidential Counties Award. 7.270 14.270.

Charlotte, NC: Mecklenburg ARS, W4BFB, 1400Z Oct 13 to 2000Z Oct 14, celebrating 20th year of discovery space science museum. 14.030 14.071 21.250 146.490.

Nowhere, IL: Iowa Radiosport Society, W0FUN, 1500Z to 2000Z Oct 13, during the Royal Order of Thuggs Fram-a-stam event. 7.234 14.243.

Nowhere, KS: Douglas County (KS) ARC, W0UK, 1400Z to 2100Z Oct 13, at the Midland Historical Association Railway southern terminus. 14.244 7.244 21.365 28.440.

Tupelo, MS: Tupelo Amateur Radio Club, KK5K, 1800Z Sep 28 to 1800Z Sep 30, at the Tupelo Aviation Fly-In and Air Show. 14.165 21.365 3.862 7.265.

Nashville, TN: US Coast Guard Auxiliary, W8E, 1400Z to 2200Z Oct 20, commemorating the 62nd anniversary of the A.G. Auxiliary. 7.285 14.285 21.370 28.370.

For more information on these and other contests and special events in October, please visit the ARRL contest page on the internet at: www.arrl.org/contests/months/oct.html

THE W4BS ELMER SHACK

Please feel free to contact any of our ELMERS to help you enhance your amateur skills. Anyone wishing to be added to the Elmer list please contact Arlene at A5GX@aol.com or 385.0995.

K4TTA (Extra) Tom Richardson 386-6268 k4tta@arrl.net (1,3,4,6,8,9,13,14)

K4BLL (Gen) Ned Savage 363-9607 nedsavage@juno.com (1,5,8,14, MARS, ARES/RACES, net control, traffic handling, emergency service)

KB4LJV (Extra) James Butler 294-2540 (6,7,9,11,13,14)

KB4NQJ (Adv) David Campbell 388-6166 k4dnqj@juno.com (1,2,3,5,9,10,14, slow scan TV, ATV minor)

KU4AW (Extra) Ben Troughton 372-8031 bktrough@mem.quirk.com (2,4,8)

N9ACQ (Extra) Bill Kuechler 368-0532 wkuechl1@midseuth.rr.com (1,8,13)

WA21QC (Gen) Gary Blinckmann 794-5289 garyblin@midseuth.rr.com (1,7,10,14)

WA4MJM (Extra) Bill Hancock 853-7192 billwa4mjm@aol.com (1,2,8, emergency communications, ARES, MARS)

WM5QJ (Extra) Paul Cline 385-0995 wm5q@arrl.net (7,8,10,14, RF safety, spread spectrum, trouble shooting, soldering, electromagnetic compatibility, CFR47 rules/regs.)

K4DIT (Gen) Ken Gregg 853-7384 k4dit@arrl.net (4,6,8,11)

Codes:
1. Antennas
2. APRS
3. Contesting
4. CW Operating
5. Direction Finding (fox hunting) 6. DXing
7. Experimenting/Circuits/etc. 8. HF Phone
9. Packet
10. Repeater Operation
11. QRP
12. Satellite
13. RTTY
14. VHF

October 9 CLUB MEETING

7365 HWY. 70

BARTLETT, TN

MEETING STARTS AT 7:00 PM

The Month program will about
The Quagi Antenna

Presented by:
Tom Richardson, K4TTA
and
Terry Cox, KB4KA

VE TESTING:

Don't forget the monthly Volunteer Examiner testing session. Registration begins at 5:30p.m. and testing begins promptly at 6:00p.m. Please remember to bring two forms of identification the original and copies of any existing licenses or CSCE's you might have. Please be on time for registration, as you will not be allowed to enter the testing session after 6:00 p.m., so our volunteer VE team can finish in time to attend the club meeting. Call Joan Thorne 366-9722, if special testing arrangements are required.

W4BS REPEATER SYSTEM

146.82 net 8:00 PM

147.36 tone = 1072

224.42 1.25 m rept

443.20 patch, 107.2

145.03 packet / bbs
(off the air after a direct lightning strike)

Other Important Contacts

VE Liaison
Joan Thorne, KN4PM
737-5795
joan@mem.net

Membership Chairpersons
Ben Barth, AF4TV
Eloise Barth, AF4TW
eloise@aol.com

2001 Board of Directors

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