



The Amateur Radio Club of El Cajon's

Counterpoise



Volume XLIV

August 2003

Number 8

CW NO LONGER AN INTERNATIONAL REQUIREMENT!!

The IARU has deleted the international agreement that Morse code be required to gain access to the HF bands. Deletion of the code requirement will now be up to each country's administration (FCC). Presently the United States requires that Amateurs going into the HF spectrum pass a 5 wpm code test along with theory exams. This speed was reduced from 13, and 20 wpm in April of 2000 for the General and Extra classes respectively. The deletion of Morse code does not become automatic for US Amateurs, rather it would not become effective until the FCC makes the rule change. When and if that happens is not known.

Other significant changes occurred in the 40 meter band. Dave Sumner K1ZZ, CEO of the ARRL, has put the changes in a simplified manner that makes it easier to understand what has actually happened, and what it means to us. Thanks Dave.

- 7000-7100 Remains exclusively amateur and amateur-satellite, worldwide. A Resolution that absolutely prohibits broadcasting from the band was retained. I mention the Resolution because it is absolutely unique in the Radio Regulations; no other HF service has such protection against incursion by broadcasting.
- 7100-7200 Broadcasting in Regions 1 and 3 ceases as of 29 March 2009. When the summer 2009 HF broadcasting schedule is developed, the stations that previously used this band will be coordinated elsewhere. The band becomes available to amateurs in Regions 1 and 3 on that date (although some administrations may decide to permit earlier entry on a non-interference basis). By footnote, the band also becomes available to fixed and mobile in some Region 1 and 3 countries (none in Region 2 or Europe). The band remains exclusively amateur in Region 2.

No further changes to 7000-7200 kHz will be considered at WRC-07 (although we always have to watch the footnotes).

- 7200-7300 The status quo prevails: broadcasting in Regions 1 and 3, amateur in Region 2. There is no sharing with fixed and mobile in any Region. This can be revisited at WRC-07.
- 7300-7350 Now allocated to fixed and mobile, as a result of WARC-92 this will become a worldwide broadcasting band on 1 April 2007 with fixed and mobile allowed to continue operating on a national-non-interference basis. (As a practical matter this is already a broadcasting band.)

7350-7400 Now allocated to fixed and mobile worldwide, on 29 March 2009 this becomes a worldwide broadcasting band with fixed and mobile allowed to continue operating on a national-non-interference basis. In other words, there is a reduction for fixed and mobile.

7400-7450 Now allocated to fixed and mobile worldwide, on 29 March 2009 this becomes a broadcasting band in Regions 1 and 3 (with fixed and mobile allowed to continue operating on a national-non-interference basis) and remains fixed and mobile in Region 2. Thus, fixed and mobile in Region 2 gets hit with the same problem we have had for the past 65 years: broadcasting interference at night.

As stated above, most of the 40 meter changes take effect in 2009.

General Membership Meeting



Wednesday, August 13, 7:00 PM

La Mesa Masonic Lodge - 4731 Date Avenue, La Mesa

2003 Officers

President	WA6MHZ	Pat Bunsold	593-1111
Vice-President	KG6JRM	Jeff Davis	698-1144
Secretary	KG6JCW	Mike Panger	263-4439
Treasurer	KF6WXA	Susan Kochel	445-6067
Past President	N6OPH	Mike Maston	296-9067

2003 Board of Directors

SANDARC	AE6AV	Larry Plummer	460-1818
Membership	KF6MPB	Joni Cranmore	443-6939
Social	WB6POW	Gordon Ripley	472-2492
Public Service	N6NKJ	Rich Beisigl	444-5465
Public Relations	N6IEF	Mike Lebo	8-278-5851
Welcoming	AE6CQ	Michael Martak	562-6477

2003 Standing Committee

ARRL Asst. Dir.	WA6MHZ	Pat Bunsold	593-1111
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Elmers	KD6OKR	Dan Briggs	287-0437
Estate Sales Comm.	N6JOJ	Tom Myrick	449-3547
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Historian	N6WHK	Phil Pedigo	466-0590
Net Manager	N6WKB	Frito Samano	563-0514
Postmistress	N6EVE	Evelyn Miller	434-4211
Prizes	WA6PPP	Carl Ferree	265-5806
Radio Coaches	KE6BJL	Bob Spann	264-2188
SANDARC Delegate	KD6PRV	Xemi Anselmo	574-0720
Swap Meet	N6JOJ	Tom Myrick	449-3547
Technical	W6RHV	Bob Boehme	448-4728
WAMO Chairman	W6LKK	Erich Bennett	401-7332

The Counterpoise is a publication of the Amateur Radio Club of El Cajon (ARCEC). It is published once monthly and contributions are accepted from officers of the Club. We also encourage input from other Amateur Radio Club of El Cajon Members. **Opinions expressed are solely that of the author and do not necessarily reflect the opinions of the Amateur Radio Club of El Cajon (ARCEC).** Articles may be submitted either by e-mail or mail to the editor:

Tuck Miller at:

E-mail: nz6t@arrl.org or

3122 E. 2nd St., National City, ca

Deadline is the **Sunday after the General Meeting.** For further information, please call (619) 434-4211

WEB SITE:

<http://www.qsl.net/wa6bgs>

From the President
Pat Bunsold WA6MHZ



Field Day, FIELD DAY!!! Not an easy year for ARCEC! FD2003 was the BATTLE of Murphy, and he nearly won several times! Things started out well; with a lovely breakfast at the Ranch House. From there the courageous trekked to the Storage box and braved the Black Widows to load up the trucks. Actually, all I saw was a lot of Earwigs, but Black Widows just LOVE to dine on those. From there the caravan transversed the countryside and made it to Mt Laguna and the Al Bahr Shrine camp. As antennas started to go up, all looked well, but as the 15 Meter monobander was set in place, a SWR check showed it to be worthless!! Begrudgingly, the tower was lowered down, piece by piece until the beam was accessible. No problems could be found so the coax and connectors were all changed. Still NO GO! The antenna was taken off the tower and all measurements were rechecked. The balun was suspect, but no replacement was available. The KLM had been stored in my garage for almost a decade; not likely it would go bad. Up and down the antenna went, to no avail. An alternate tribander was begun construction as I prepared to say a REQUIEM for the mighty KLM. But, suddenly, we noticed the PHASING lines were accidentally installed IN PHASE!!!! A quick correction and back up the antenna went, for the 3rd time. This worked perfectly!!! MURPHY DEFEATED!!! But, OH, that was just the beginning! Later, when the 20 meter tribander went up, Murphy managed to break a rope holding the 40M dipole and DOWN that tower had to come. Our Valiant VP and FD Chairman Jeff KG6JRM just about had to be restrained!!! But it, too, at last, went up and worked fine. The 3rd tower held a giant old TH3 and it worked so well it was given duty on 20 instead. As Field Day began, all seemed well, but then the mike started cutting out on the 20 meter station. It was torn apart and Ohm'd out, only to find the wires broken in the Mike connector. Good thing a soldering gun was brought. Meanwhile, the 10 Meter station was doing dismal. The band COULDN'T be that bad!! Day turned to night and the rig, a Kenwood TS690S, performed equally poorly on 75M! (Prez continued on page 3)

From Our Members

One Person's Comments on Field Day 2003. By Seth Collier WA6CDD

I arrived about 2:30 pm Saturday. The setup was about the same as 2000FD (my last FD). Then I began to wonder if I was at the wrong club as I kept hearing a "foreign" call, not the call to honor Ed Quinn—WA6BGS—who put a lot of work into the startup. One of the main things was to get permission to meet at an OLD house on property that eventually was converted to a beautiful park, in El Cajon, across the street from Granite Hills High School. Yes, it helped that Ed worked for the City of El Cajon as a senior building inspector.

The Al Bahr Shrine camp was in better shape than my last FD (2000). Changes I noted were the dining facility and its nice outside combo places for portable bbq and the long serving area; also the social hall—where the stations were setup. It was much cleaner than past FD's. New Deck lights are a good addition as was the bathroom facilities (including the main bathroom and shower bldg).

The Band Condx were poor (10 & 15 mtrs). However everyone seemed to make the best of what we were handed. We could have had more operators.

Operating techniques were as varied as the number of operators. One noticeable thing (minor) was the rise of audio into the microphone when a repeat was asked of our exchange of data. It seemed we might be able to communicate with "audio transmission" rather than "RF Transmissions.."

Regards the food: Was plenty, tasty, varied. Also the "Fountain" provided a supply of varied sodas as well as bottled water.... A popular item.

All of us no doubt have a list of things we forgot and will be in our personal FD 2004 packing. Also was learned about our personal operating technique.

I personally, during my recovery from shock and dismay over the call sign use made several errors. The worst error was deleting 4 entries that were meant for the "master" contact list. Plus, I used my own call, WA6BGS and a goofy mix of the WS6F call.

All the best, look forward to Field Day 2004. 73,
Seth, WA6CDD

(Prez continued from page 2)

Something was fishy with the antenna connector.

Sunday morning, time was running out, so an emergency operation was performed. We took out the Antenna relay/filter board and found the poorly designed antenna connection had broken the solder joint!! Carefully, using a SMT soldering iron that Phil N6WHK had brought along, the traces were repaired. Once re-assembled, the rig sprang to life and the band was back in action!!! Murphy wasn't finished though. He HAD to get in just one more dig at the ARC of El Cajon. He hid a hole right in front of where Ben WA6BEN was walking and twisted his knee agonizingly. Not having any Health Insurance anymore, I did a quick examination and declared he would HEAL before the summers end. And today he is walking quite well!

So we ALL had a wonderful time DESPITE the best efforts of Murphy, and the ARC of EC will give it a go next year, same time, same place. Toughest contacts? That probably was on my Ultra QRP Solar powered station (Yaesu FT817 @ 1W into a vertical FIVE feet off the ground.) Normally, one couldn't work outside shouting distance with this setup, but using the magic mode of PSK-31, contacts were made to all parts of the US. his mode has become so popular the League set it up as a separate mode next to Phone and CW this year.

Oh yes, the chow. THANK YOU GORDY, it was Wonderful! But special thanks go out to Gordy's YL Cheryl, Our Treasurer Susan KF6WXA, and the master Pancaker Cal KG6FBV. OH yes, my wife Vuong KB6RCT sure was busy too!

Who did I forget??? I am sure I will hear ALL about it..

Whats up next???? Why, it is time for our annual PICNIC!!!! And it will be Saturday August 23rd at La Mesita park. And, there will be the usual Hotdogs and Hamburgers with all the fixin's as well as the delicious dishes the members bring. We will probably chow down around noon, but get there EARLY as there are always birthday parties and such filling up the park.

Hope to see you there! 73!

2003
Southwestern
Division
ARRL
Convention
Sept 5-7
Hilton Hotel
Long Beach, Ca
Prizes, Technical Forums,
Vendors, New Toys,
VE Exams

Registration form elsewhere
in newsletter

August Birthdays



Happy Birthday!

0771	KK6NF	Mike	Bailey	August	04
0205	WA6MHZ	Pat	Bunsold	August	04
1433	KF6POO	Roy	Stark, Sr.	August	07
1378	KF6JVF	Carolyn	Campbell	August	08
1262	N6SZO	Joe	Corones	August	10
1338	W6FF	George	Karavantes	August	10
0770	KK6NH	Leslie	Day	August	11
0913	WA6APN	Tom	Thomas	August	11
0985	KD6HVZ	Jim	Green	August	12
0481	N6HHU	Philip	Fish	August	12
0508	K6ICT	Ken	Harvey	August	14
0965	KD6FQV	Louise	Goodman	August	17
1310	N6EVE	Evelyn	Miller	August	17
0526	KF6YB	Oscar	Quintanilla	August	17
1108	KD6VKZ	Ed	Ebbert	August	19
0887	N6YJO	Chuck	Behnke	August	19
0590	N6DVJ	Johnny	Hart	August	22
0437	KC6NXZ	Tom	Caudle	August	23
1152	KE6BZD	Ron	Mahoney	August	24
1146	KO6AB	Jerry	Miller, Jr.	August	25
1314	KE6TAM	Gerald	Miller, Sr.	August	31

Editor's Note: My apologies, but due to the early printing of the Counterpoise this month, the minutes of the July meeting will not be published this month. We will print the minutes out from both July and August in The September issue.

Why an early printing? You editor and his family are on vacation and are driving to Newington, Ct Will be back at the end of the month. For those who are into aprs, go to www.qsl.net/nz6t and click on cross country trip.



2003 ARRL Southwestern Division Amateur Radio Convention, Long Beach, CA.

www.hamcon.org

Save these dates: **September 5, 6 & 7, 2003**
"Focus Back on the Volunteer"

VE Testing	Technical Forums	Many PRIZE Drawings
Vendor Exhibits	Wouff Hong	Demonstrations
Saturday Luncheon	Sunday Breakfast	Grand Banquet

Convention Headquarters: Hilton Long Beach

701 West Ocean Blvd., Long Beach, CA. 90831-3102. For Reservations call 800-445-8667

Mention "HAMCON" for a fantastic rate of \$89 per night double occupancy.

Note: The last day to register and get this rate is August 15, 2003.

Registration

**Registrations post marked by August 1, 2003 \$10.00 Per Registrant
Which INCLUDES One Logo Pin**

Registrations received after August 1, 2003: \$15.00 Per Registrant INCLUDES One Logo Pin while quantities last

Saturday Night Banquet: Learn about the making of "Amateur Radio Today", the newest ARRL Video from the people who made it— Dave Bell, W6AQ (Director/Producer), Bill Pasternak, WA6ITF (Producer), Alan Kaul, W6RCL (Writer/Producer), Keith GLISPIE, WA6TFD (Editor). The MC will be Tom Schiller, N6BT, of Force 12 Antennas. Also be sure to see the **Special presentation** by Bill Pasternak, WA6ITF, during attitude adjustment hour preceding the banquet.

-----Mail-In Convention Registration Form-----

Call Sign: _____ Name: _____
Address: _____
City: _____ State/Prov: _____ ZIP /Postcode _____
Your E-Mail Address: _____ Club Affiliation: _____

Please List additional Attendees

No Charge for Children 16 years old or younger. They must be accompanied by a registered adult.

KIDS	ADULT	Call Sign	Name (Please Print Clearly)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Note: Every attendee must be registered, including the kids

_____ Registrations	at \$ _____ ea.	= \$ _____
_____ Extra Pins	at \$ 3.00 ea.	= \$ _____
_____ Kids under 16		= Free
_____ Banquet Tickets*	at \$ 35.00 ea.	= \$ _____
*Please indicate preference: () Beef () Chicken () Vegetarian		
_____ Saturday Luncheon	at \$ 20.00 ea.	= \$ _____
_____ Sunday Breakfast	at \$ 17.00 ea.	= \$ _____
	Total Due	= \$ _____

Make convention registration checks payable to: **HAMCON Inc.**
Mail this form to: **HAMCON Registration, P. O. Box 333, Pomona, CA. 91769-0333**

Staff Use Only

Registration _____
Date _____
Finan. _____
Date _____
Number Pins Given: _____
Receipt Number: _____
Signed up by: _____

VEC Testing Sites

1st Saturday:	El Cajon El Cajon Central Fire Station, 160 E. Lexington Avenue (in Rear), El Cajon, 10:00 a.m.
2nd Saturday:	Carlsbad Carlsbad Safety Center, Orion Way, Carlsbad, 10:00 a.m.
3rd Saturday:	North Park Recreation Center 4044 Idaho Street San Diego, CA 92104 Testing time will start at 1000hrs
4th Saturday:	Chula Vista Salvation Army, 643 Third Avenue, Chula Vista, 9:00 a.m.
5th or last Saturday:	Escondido Escondido Chamber of Commerce, 720 North Broadway, Escondido, 10:00 a.m.

To make advance reservations or to find out more info from the site captain, please call 465-EXAM (3926)

SANTEE DRIVE-IN SWAP MEET

10990 WOODSIDE AVE., North
FOR INFORMATION, CALL 449-SWAP
Ham Radio, Computers, Electronics
ACRES & ACRES OF BARGAINS
1st & 3rd Saturday of the Month
Gates open 6:30 AM

Want to receive E-mail reminders of club meetings? How 'bout when the latest edition of the Counterpoise is online? Join the Amateur Radio Club of El Cajon's e-mail reflector. Just send a message to:

elcajonarc-subscribe@yahoogroups.com

Newsletters online have more color than the mailed copy in your hand!!!

WA6BGS NETS

WAMO NETS:

Wednesday and Saturday Nights

8:00 p.m. local time

10 Meters: 28.480

Tuesday Nite Ragchew net:

8 PM

Nets held on club repeaters.

WA6BGS REPEATERS:

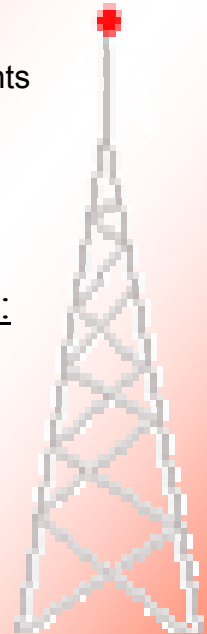
Output: 147.420

Input: 146.475

PL: 107.20

224.080 — 107.20 PL

445.900 — 141.30 PL



Tom McDuffie KM6K, Manager
5375 Kearny Villa Road
San Diego, CA 92123
(858) 560-4900, 1-800-854-6046

Is your membership ready to expire?

Take a look on your mailing label. Is the expiration date in **RED**? Does it say **EXPIRED**? That means it's time to mail in your yearly dues. Please take time to fill out the membership application elsewhere in this newsletter, and mail it in, or bring it to the next meeting !!

It's PICNIC Time

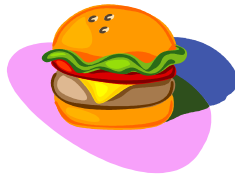
Saturday August 23, 2003

La Mesita Park

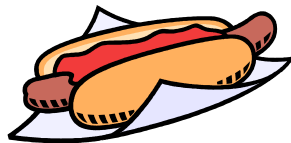
La Mesa, Ca

12 Noon (Arrive Early)

Hot Dogs, Hamburgers, and Drinks furnished by club!!



Bring a side dish to go along with the other fiddles.



Bring your own chairs

The Counterpoise is also online in **FULL COLOR!!** Check out the newsletter and the rest of our club web site at:

www.qsl.net/wa6bgs

For any suggestions to the web site, contact the webmaster at kc6nxz@arrl.net

Change of Address

Moving??

Do not miss an issue of **Counterpoise**. Change of address form from:

Call _____ WAMO! # _____

Name _____

Address _____

City _____ State _____ Zip _____

New Address:

Address _____

City _____ State _____ Zip _____

Send to Membership Chairman:

A.R.C.E.C., P.O. Box 50, El Cajon, CA 92022

ARCEC Membership Application

1. Amateur Call Sign

2. Class of License

3. First Name

4. Last Name

5. Street Address

6. City, State, Zip+4

7. Home Phone:

(May we list) Yes No

8. Work Phone (optional)

9. Date of Birth (year optional)

10. e-mail address

11. ARRL Member

Yes No

12. ARES Member

Yes No

12. RACES Member

Yes No

13. Other Interests

14. Family Membership with:

14. **Sponsored by:**

Return this form with check made payable to the Amateur Radio Club of El Cajon or ARCEC for new or renewal membership. **Annual Dues \$12.00 for individual, \$20.00 for family.** New members add \$5.00 per member. Mail to Membership Chairman, **A.R.C.E.C., P.O. Box 50, El Cajon, CA 92022.** *Please write your call on the check*

New Renewal

WAMO!!

No. _____

Certificate Issued

Computer Database Updated

Paid Cash

Check

Check No.

Computer Roster Available

Want the roster sent to you via e-mail? Send an e-mail to Joni KF6MPB, and she will send you the database back as an attachment. She uses Excel, but may be able to convert to various formats if asked. Send your request to kf6mpb@hotmail.com

August 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 6 am Swap Meet 6 pm T hunt
3	4	5 Board Meeting	6	7	8	9
10	11	12	13 General Meeting	14	15	16 6 am Swap Meet 6 pm T hunt
17	18	19	20	21	22	23 Club Picnic
24	25	26	27	28	29	30 County Wide Picnic
31						

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