

# Counterpoise

## The Amateur Radio Club of El Cajon

Volume XLVI

January 2005

Number 1



Amateur Radio Club of El Cajon meets every 2nd Thursday at 7:00 pm at the Santee Baptist Church in Santee. The address is 9320 Prospect Ave. Next meeting:

January 13th, 2005 7:00 pm

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All Official written communication is to be submitted to:

A.R.C.E.C. P.O. Box 50, El Cajon, CA 92022  
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 and members of the club. We also encourage input from members of the Amateur Radio Club of El Cajon. 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.

Paul Rios at:  
kc6qls@cox.net or by post  
1237 Victor Ave #4, El Cajon, CA 92021

The Deadline is Sunday after the General Meeting.


Amateur Radio Club of El Cajon  
Web Site:  
<http://www.qsl.net/wa6bgs>

### Staff and Writers:

KC6QLS	Paul	Editor
KC6JCW	Stogie	From the President
N6OPH	Mike	Meeting minutes
	Tassy	HAM Spot Light
W6LKK	Erich	WAMO Report
W5COM	Tom	Jokes


# Happy New Year!

# 2005




**Craig Matheny**  
**KF6UOZ**  
**WON! VX-7R**

*Was up all night  
programing  
the radio !  
OK, His WAMO  
is #1647*



**Ham of the Year**  
**Bill Callier**  
**KD6QB**



May this New Year, be better than last year. The staff wish everyone a safe and happy New Year. :-)

## 2005 Officers

President	KG6JCW	Mike "Stogie" Panger	263-4439
Vice-President	KG6QCO	David Cyr	328-0246
Secretary	N6OPH	Mike Maston	296-9067
Treasurer	KF6WXA	Susan Kochel	445-6067
Past President	WA6MHZ	Pat Bunsold	593-1111

## 2005 Board of Directors

SANDARC	AE6AV	Larry Plummer	460-1818
Club Attire	AI60	Ed Felter	668-0928
Public Service	N6NKJ	Rich Beisigl	444-5465
Prizes	WA6PPG	Carl Ferree	328-2694
	AE6CQ	Michael Martak	562-6477
	KD6PRV	Anselmo Ruiz	574-0720

## 2005 Standing Committee

ARRL Asst. Dir.	WA6MHZ	Pat Bunsold	593-1111
Counterpoise	KC6QLS	Paul Rios	593-9445
Education	N6OPH	Mike Maston	296-9067
Estate Sale	N6JOJ	Tom Myrick	449-3547
Field Day	KG6QCO	David Cyr	328-0246
Finances	N6OPH	Mike Maston	296-9067
Health & Welfare	Open		
Historian	Open		
Membership	KG6QCO	David Cyr	328-0246
Net Manager	KG6QCO	David Cyr	328-0246
Public Relations	KC6QLS	Paul Rios	593-9445
Postmistress	KC6TBG	Ann Rios	593-9445
SANDARC	K5WFW	Len Fullbright	258-1322
SANDARC	AE6AV	Larry Plummer	460-1818
Delegate	Open		
Social	KD6PRV	Chemi Ruiz	574-0720
Swap Meet	N6JOJ	Tom Myrick	449-3547

### Would you like to be in the next HAM Spot Light?

The Counterpoise is looking for Staff Writers for Tech Talk, Band Condition Reports, new equipment reports, and other articles of interest to the Amateur Radio community.

Please contact KC6QLS Paul at:

[kc6qls@cox.net](mailto:kc6qls@cox.net)

(619) 593-9445



## From The President "Stogie" KG6JCW



Merry Christmas and Seasons Greetings to all. I would like to thank all who supported the annual Christmas Party. There are two people I forgot to recognize for their help. Anselmo Ruiz KD6PRV and Susan Kochel KF6WXA made the center pieces and provided the tree. They also played a major part in the setup and cleanup. I also thought that Cupid's Catering did a wonderful job. I already have started working on next years party. I also need to thank Bill Callier KD6QB on winning the HAM of The Year award.

We have a major project coming up. Some time in January or February we will be moving the repeaters in the Crest site. We will need some more funds in the Repeater Fund or Fire Fund to cover the final incidentals. Please donate to one of these funds. It will be greatly appreciated. It will also prevent us from depleting the general fund.

I will be looking for volunteers to fill various committee positions. We have some outstanding positions. These should be filled after the January meeting. Please volunteer.

Last but not least, I am sad to say that one of our members approached one of our few female members at the November meeting and started a conversation that was very inappropriate and unwanted. We almost lost a member because of this. I personally will not tolerate this type of conduct. Please refrain from it in the future.

Stogie, KG6JCW

### Silent Key.....

Past Vice President of ARCEC  
Fred Villanueva N7FV

Died in a plane crash; he was the pilot for Fed Ex.  
You will be missed 73's

## Amateur Radio Club of El Cajon

General Membership Meeting  
9 December 2004



The general membership meeting of the Amateur Radio Club of El Cajon was called to order by the club president Michael Stogie Panger, KG6JCW at 1900hrs. After the pledge visitors were welcomed. Stogie, KG6JCW announced the rules for the elections. During the election process, the break ensued. After the break, Stogie, KG6JCW appointed the following hams to count the ballots: Earl, K6KEU; George, WA6PTZ and Mike, N6IEF were appointed as official ballot counters. John Cordle, KF6XY announced that he did not wish to be considered for the office of Vice-President.

SECRETARY'S REPORT: was approved as read.

TREASURER'S REPORT: was given by Susan, KF6WXA. The report was approved and filed for audit.

PRESIDENT: Panger, KG6JCW announced the Christmas Party on 10 December. He stated that there may be a problem with parking due to a church function on the same date. There are 61 members registered to attend the Christmas party.

MEMBERSHIP: stated that we had 225 paid members and six of which signed up during the November meeting.

Participation points would be redeemed during the Christmas party. A drawing for six \$25 checks will be held for the participation point holders. The drawing for the grand prize a Yaesu handheld radio will also be held. The tickets for that drawing are \$1 each.

PUBLIC RELATIONS: Chairman Paul, KC6QLS announced a need for various writers for the Counterpoise.

ATTIRE CHAIRMAN: Ed, AI6O announced the availability of club hats and jackets.

ESTATE COMMITTEE: Tom, N6JOJ announced that there were no estate sales this month.

PRESIDENT: Stogie announced the results of the election. The following individuals have been elected to the following offices:

PRESIDENT: Michael Panger, KG6JCW

VICE-PRESIDENT: David Cyr, KG6QCO

SECRETARY: Michael Maston, N6OPH

TREASURER: Susan Kochel, KF6WXA

BOARD MEMBERS:

Larry Plummer, AE6AV

Ed Felter, AI6O

Rich Beisigl, N6NKJ

Carl Ferree, WA6PPG

Michael Martak, AE6CQ

Anselmo Ruiz, KD6PRV.

The Ham of the Year results will be announced at the Christmas Party.

SECTION MANAGER: Pat, WA6MHZ announced the ARES meeting on Saturday 11 December at Giovanni restaurant.

There being no further business before the general membership the meeting was adjourned at 1951 hrs.

Respectfully Submitted,

Michael Paul Maston, N6OPH  
Secretary  
Amateur Radio Club of El Cajon

## 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





## From The VP Corner KG6QCO David



Hi everyone. My name is David Cyr KG6QCO your 2005 Vice President and I am very proud to be in this position. I am going to try and help this club move forward in a positive manner. I am also currently your Membership Chairman, Net Manager and Field Day Chairman, so in these many facets I hold I will do my best to further the message of The Amateur Radio Club of El Cajon to the many amateurs in our area. Beginning with the January meeting of the general membership, we will be hearing from Duncan Campbell about his experiences living in Guam, from an amateur radio perspective and living down there in general. I hope we will have a nice turn out for this discussion. I will do what I can to get a lot of interesting speakers for future meetings.

I hope all had a Merry Christmas and hope all will enjoy a Happy New Year. Please also try and attend any of our three El Cajon Club nets which are as follows: On Tuesdays starting at 8:15pm local time, we have our wide open net which is generally a roundtable type net and is open to all hams. On Wednesdays and Saturdays, we have WAMO nets starting at 7:30pm local time. These nets are for helping new and old members to make contact with each other and to build the contact base to collect awards in the manner of certificates and plaques. All nets are held on 146.265 with a positive offset and a pl of 107.2. I hope to hear alot of you on these nets.

If you have any questions regarding any of these nets, please feel free to contact me at [kg6qco@yahoo.com](mailto:kg6qco@yahoo.com), and I will do my best to respond as soon as possible.

Thank you again for allowing me to serve as Vice President for the Amateur Radio Club of El Cajon. 73s to all and a Happy New Year.

### VEC Testing Sites

1 <sup>st</sup> Saturday:	El Cajon 10:00 am El Cajon Central Fire Station 160 E. Lexington Ave. (in Back)
2 <sup>nd</sup> Saturday:	Carlsbad 10:00 am Carlsbad Safety Center Orion Way Carlsbad
3 <sup>rd</sup> Saturday:	North Park 10:00 am North Park Recreation Center 4044 Idaho Street San Diego
4 <sup>th</sup> Saturday:	Chula Vista 9:00 am Salvation Army 643 Third Ave Chula Vista
5 <sup>th</sup> or last Saturday:	Escondido 10:00 am Escondido Chamber of Commerce 720 north Broadway Escondido

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

## WA6BGS NETS

### David Cyr: KG6QCO Net Manager

#### WAMO NETS:

Wednesday and Thursday Nights  
8:00 pm local time 7:30 "Checkins"

10 Meters: 28.480

Tuesday Night Rag Chew net:

8:00 pm

Nets held on club repeaters

WA6BGS Repeaters

2 Meters SANDRA Repeater

Output 146.265 "Otay"

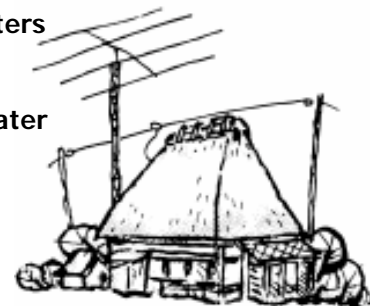
Input - Split

PL 107.2

224.080 – 107.20 PL

445.900 – 141.30 PL

Don't miss it. All members welcome.



## Club Attire

\*\*\*\*\* Shirts on hand Call for Sizes \*\*\*\*\*

Get your jackets, hats and t-shirts.

Show off your club colors and let all know that the Amateur Radio Club of El Cajon is strong and growing.

## Calendar of Events January 2005

January 1:	New Years Day
January 1:	Swap Meet, Santee Drive In, 6:30 am
January 1:	T-Hunt, Grossmont College lot, 6:00 pm
January 4:	Board Meeting, 7:00 pm
January 8:	ARES Meeting, 8:00 am
January 11:	Tech Class Starts 7:00 PM
January 13:	General Meeting, 7:00 pm
January 15:	Swap Meet, Santee Drive In, 6:30 am
January 15:	T-Hunt, Grossmont College lot, 6:00 pm

The Counterpoise is also online in FULL COLOR. Check it out and the club's website at: [www.qsl.net/wa6bgs](http://www.qsl.net/wa6bgs)

Get your advanced copy by e-mail. I will send it out in .PDF format the night it goes to print. E-mail me and let me know that you would like a copy. Size of file maybe up to 1.5 mb at times.

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 Fax: (619) 584-7961



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

## Change of Address

### Moving?

Do not miss an issue of the Counterpoise. Fill out the Change of address form below.

Call \_\_\_\_\_ WAMO# \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 New Address:  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Send to Membership Chairperson:  
 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	8. Work Phone
May we list: Y N	
9. DOB	10. e-mail
11. ARRL Member Yes no	12. ARES Member Yes No
13. RACES Member Yes No	14. Sponsored by: or Family Member

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. Include your call on Check. Mail to  
**Membership Chairperson**  
 A.R.C.E.C., P.O. Box 50, El Cajon, CA 92022

New ( ) or Renewal ( )	WAMO Number
Certificate Issued	Computer Database Updated
Paid Cash ( )	Check No.
Check ( )	

### Computer Roster Available

Want the roster sent to you via e-mail? Send an e-mail to David Cyr KG6QCO, and he will send you the database back as an attachment. He uses Excel, but may be able to convert to various formats if asked. Send your request to 619-328-0246 or KG6QCO@cox.net

# FUN PAGE

## Birthdays

January 1	N6LCH	Carl	Paloschek
January 2	N6QEK	Steve	Frick
January 4	KD6RMG	Harland	Zimmer
January 5	WA6PTZ	George	Kochel
January 6	AD6O	Jim	Quinn
January 6	KG6OFA	Tony	Hernandez
January 7	N6WKB	Frito	Samano (L)
January 7	WA6LNF	Edward	Redman
January 7	KG6NNU	Bob	Nowak
January 10	W6TAI	Tam	Hodgson
January 11	KE6PW	Roger	Brown
January 14	KG6JRM	Jeffrey	Davis
January 15	KG6GYV	Jimmy	Edwards
January 22	KA6OTR	Al	Mercer
January 22	KG6FBV	Calvin	Tyler
January 25	KN6CB	Doug	Konishi
January 27	WB6JDB	Howard	Cortner
January 27	KG6BWN	Nicholas	Utschig
January 29	KB6HEW	Frank	Martin
January 29	K6UMA	Joe	Mc Cormick
January 29	WA6PPG	Carl	Ferre

## Jokes

Two hunters from Michigan—(true story or so this claims) This is from a radio program, a true report of an incident in Michigan:

A guy buys a brand new Lincoln Navigator for \$42,500 and has \$560 monthly payments. He and a friend go duck hunting in winter, and of course all the lakes are frozen. These two guys go out on the lake with the guns, the dog, and, of course, the new vehicle.

They drive out onto the lake ice and get ready. Now, they want to make some kind of a natural landing area for the ducks, something for the decoys to float on. In order to make a hole large enough to look like something a wandering duck would fly down and land on, it is going to take a little more effort than an ice hole drill.

So, out of the back of the new Navigator comes a stick of dynamite with a short, 40-second fuse. Now these two Rocket Scientists do take into consideration that they want to place the stick of dynamite on the ice at a location far from where they are standing (and the new Navigator), because they don't want to take the risk of slipping on the ice when they run from the burning fuse and possibly go up in smoke with the resulting blast. They light the 40-second fuse and throw the dynamite.

Remember a couple of paragraphs back when I mentioned the vehicle, the guns and the dog? Let's talk about the dog: A highly trained Black Lab used for RETRIEVING. Especially things thrown by the owner. Continued on page 8

## Word Search "MATH"

P	A	W	I	T	N	E	D	N	E	P	E	D	N	I
L	T	V	N	Q	Z	U	J	L	T	W	B	S	N	R
O	S	R	V	A	D	L	A	M	I	C	E	D	V	L
T	N	S	E	N	G	A	I	N	X	D	A	V	P	S
T	O	P	R	C	F	V	W	S	H	P	E	S	A	B
I	I	P	S	T	Y	K	T	L	Q	I	N	K	L	I
N	T	D	E	Z	H	N	D	N	S	G	E	H	N	N
G	A	S	V	T	A	O	P	T	P	A	X	Y	T	A
H	R	P	K	T	Q	R	S	D	Z	N	P	O	K	R
O	E	Y	S	H	N	L	I	Y	H	A	O	N	U	V
K	P	N	R	E	W	O	P	L	J	L	N	L	D	N
T	O	Y	K	J	Z	G	N	D	P	Y	E	T	G	K
C	G	V	S	E	D	E	V	L	O	S	N	J	O	M
Y	J	T	P	O	Y	L	T	V	P	I	T	P	T	A
S	P	A	R	A	L	L	E	L	I	S	M	N	H	S
K	R	F	K	T	A	C	U	T	E	X	R	Q	L	S
T	O	H	N	P	E	S	G	N	I	L	E	D	O	M

ACUTE  
ANALYSIS  
BASE  
BINARY  
CONSTANTS  
DECIMAL  
EXPONENT  
GAIN  
INDEPENDENT  
INVERSE  
LOG

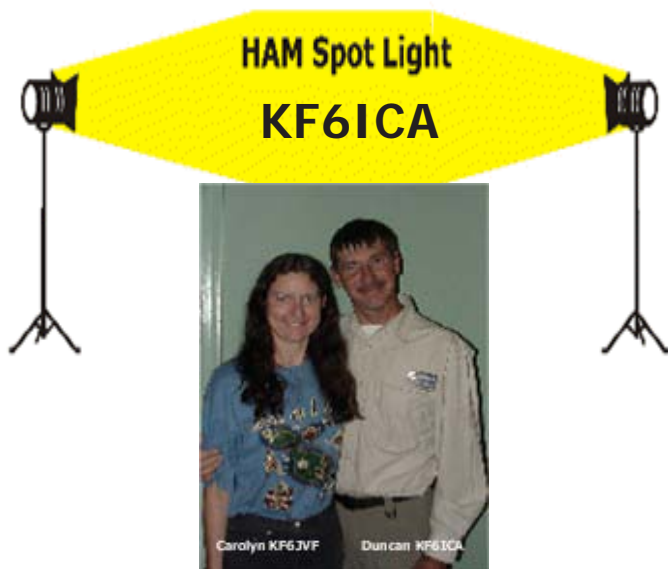
MASS  
MODELING  
OPERATIONS  
PARALLELISM  
PLOTING  
POWER  
RULES  
SOLVE  
TRAPEZOID  
VALUE  
VOLUME

Bonus: GAS

## Last Months Word Search

C	R	O	S	S	N	E	E	D	L	E	C	T	O	S
A	R	E	L	W	D	B	R	G	A	N	E	F	V	W
P	S	O	F	R	T	W	E	Q	R	M	L	H	R	R
A	W	F	S	L	N	H	C	R	C	F	I	R	B	O
C	B	H	I	S	E	S	U	S	D	O	P	A	D	N
I	A	D	O	U	N	C	W	N	E	P	E	N	K	H
T	U	N	I	N	G	A	T	I	R	D	A	G	T	I
O	B	L	R	K	B	W	O	E	T	B	K	E	C	W
R	A	N	T	E	N	N	A	N	B	C	S	O	K	S
N	L	U	E	K	A	N	R	A	T	K	N	C	T	C
B	A	L	U	N	E	L	O	R	U	G	S	M	I	O
H	N	O	S	T	P	R	L	E	N	A	H	E	T	U
F	C	E	D	U	B	B	L	E	P	E	P	U	S	P
O	E	R	C	N	O	P	E	I	I	E	O	E	F	L
W	D	B	K	N	P	E	R	K	N	R	N	H	L	E
M	A	O	K	R	O	N	O	I	T	A	I	D	A	R
R	O	T	C	U	D	N	I	L	G	L	O	Q	L	S





Take a moment from the hustle and bustle of the holiday season to get to know KF6ICA, this month's Ham, Duncan Campbell. While waiting in the inescapable gridlock that tops the Christmas cheer, wander into the adventures of WAMO 1377; just be sure to keep a safe eye on the road!

Club member since 1997, Campbell chose the world of Amateur Radios for the friends and the challenge of working DX. A nice mix of business and pleasure for a hobby. Campbell's hobbies have been used at even greater lengths.

While living in Guam, a typhoon knocked out all communications. He worked nonstop to restore communication for the island by contacting the US mainland through Mars. Campbell spent some time in Guam, working

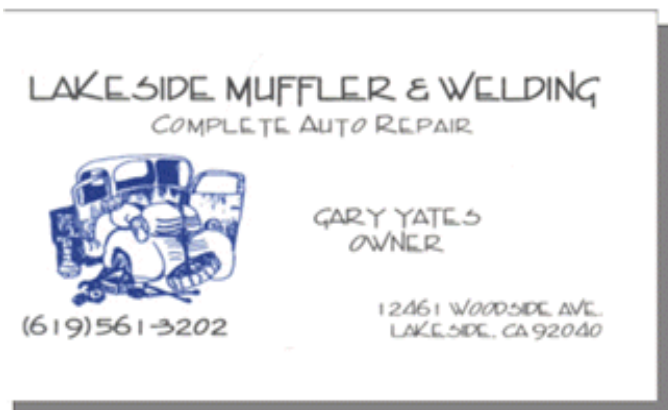
with radios aboard ship. In addition, his military travels took him to Saudi Arabia, the Persian Gulf and Granada, as a Chief in the United States Navy.

Campbell holds both an Extra Class license and General Radio Telephone FCC license. He is not the only Ham under his roof. His wife, Carolyn KF6JVP, also takes part in the excitement of the Amateur Radio life. Above all, Campbell wishes for the next generation to get educated on emergency frequencies in preparation for potential situations where Ham magic will establish communications when hope is lost. It may not be a typhoon in Guam that calls for it, but knowledge of such frequencies is important!

No longer just a voice on the radio, the spotlight shines on Duncan Campbell. 73's.

Tassy Rios, Staff Writer

## MAZE



He will weld antenna mounts on vehicles.

Just tell him Paul sent you.



Custom Communication Solution

**The Editor's  
Corner  
KC6QLS Paul**



Well, I can not believe we are starting a new year. Where did the year go? I hope Craig KF6UOZ enjoys his new radio. It seems to be a very popular radio, and I see more of them everywhere I go. The Christmas Dinner was alot of fun, and I really liked the beef. It was done just right. Cupid's Catering did a great job, and I hope we get them next year.

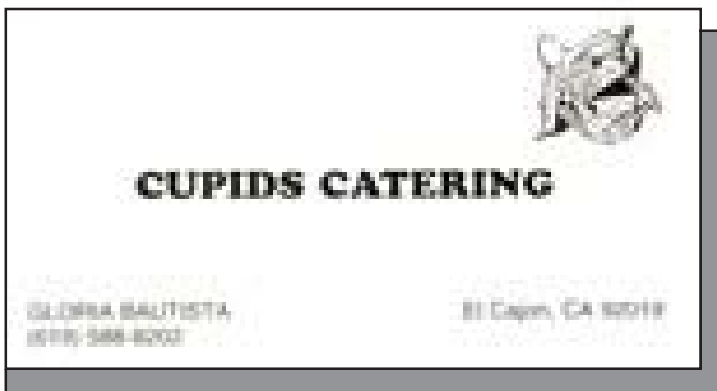
Our club has been getting new members lately, and it's nice to see some new faces in the crowd. Hopefully, members will have the chance to get on the WAMO Nets.

If you are thinking of upgrading your class, the club has many members who will help you. I recently completed the Extra Class taught by Bob Bostick, KB7NG. It was fun and challenging. I will keep on studying and hope to pass the Extra test in 2005. Also, Mike Maston, N6OPH teaches the General class and does a great job. I would like to thank them for giving us the opportunity to upgrade.

I would still like to have a Tech Talk Corner where members can ask questions and get answers. We need to share and /or pass along the wealth of information that is within our club. Please submit your articles anytime. I would like to thank all who have helped for their input, photos, and summation of articles as those contributions have enhanced our News Letter.

If you have any reports, listings "for sale and wanted items", stories or letters to the Editor, please contact me at the address below and put Counterpoise in the subject line.

Paul Rios KC6QLS  
KC6QLS@cox.net



## Prize Table Needs Help

Thank you for your contributions to the Prize Table! We still need your Support and Help or it may just end up a thing of the past. To Help, contact WA6PPG Carl Ferree at 328-2694 e-mail at cferree@IEEE.ORG

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## Special Notice

---

### *Technician Class Starting Soon*

January 11th 2005 Tues & Thurs Night 7:00 pm

AT: The El Cajon Fire Station "Basement"

Book: ARRL's Now You're Talking 5th Edition

Contact: Paul, 593-9445 during the evening

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Continued from page 6

You guessed it, the dog takes off at a high rate of doggy speed on the ice and captures the stick of dynamite with the burning 40-second fuse about the time it hits the ice. The two men yell, scream, wave their arms and wonder what to do now.

The dog, cheered on, keeps coming. One of the guys grabs the shotgun and shoots the dog. The shotgun is loaded with # 8 buckshot, hardly big enough to stop a Black Lab. The dog stops for a moment, slightly confused, but continues on. Another shot and this time the dog, still standing, becomes really confused and of course terrified, thinking these two geniuses have gone insane.

The dog takes off to find cover, under the brand new Navigator. —BOOM!— Dog and Navigator are blown to bits and sink to the bottom of the lake in a very large hole, leaving the two idiots standing there with this "I can't believe this happened" look on their faces.

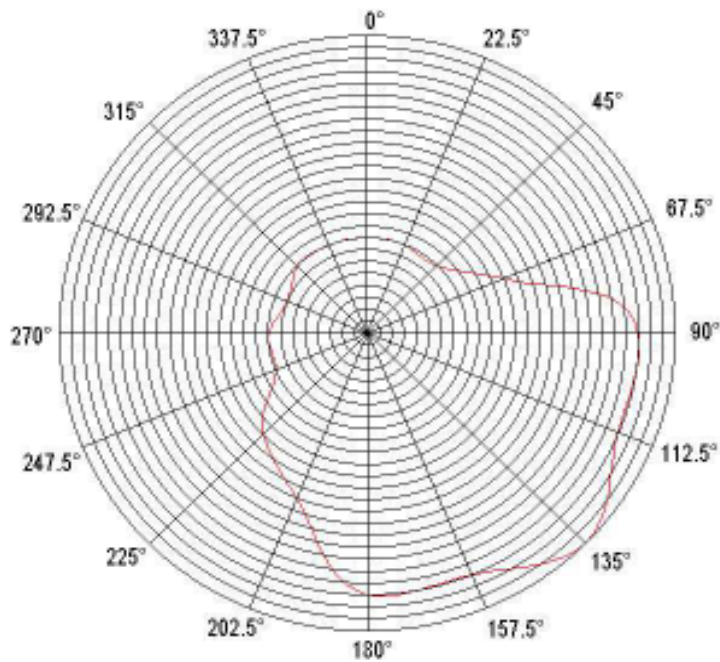
The insurance company says that sinking a vehicle in a lake by illegal use of explosives is not covered. He still had yet to make the first of those \$560 a month payments!

And you thought your day was not going well?

Happy Hoildays W5COM



# N6IEF 6 Meter Phase Antenna Report



Test frequency 50.300 MHz

Bearing	N6IEF's S-meter	W5COM's S-meter
0°	8	6
22.5°	8	6
45°	8	7
67.5°	10-15	9
90°	22	19
112.5°	22	19
135°	25	19
157.5°	22	19
180°	22	19
202.5°	15	9
225°	10-12	9
247.5°	8	7
270°	7	5
292.5°	8	6
315°	8	6
337.5°	8	7
0°	8	6

# Ham of the Year



Bill Callier KD6QB As Happy As Can be.  
A well deserved "Ham of the Year"



# Winners

Radio  
Arri HandBook  
Repeater Directory  
\$25 Checks

Craig	KF6UOZ
Larry	AV6AV
Carolyn	KF6JVF
Diane	
June	
Tom	N6JOJ
Paul	KC6QLS
Carolyn	KF6JVF

Photos: Rich N6NJ & Paul KC6QLS





# Christmas Dinner Party





Amateur Radio Club of El Cajon  
P.O. Box 50  
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### Is your membership ready to expire?

Take a look on your mailing label. Is the expiration date in 2004? Does it say EXPIRED? That means it's time to mail in your yearly dues. Please take time to fill out the membership application in this newsletter, and mail it in, or bring it to the next meeting.



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