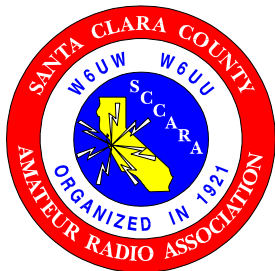


# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 26, Number 9

September 2010



## NOARY BBS

The NOARY packet BBS (which we sponsor) has been having system problems, that's why it has been down lately. Work is in progress. If it isn't back up by the time you read this, hopefully it will be back up very soon.

73, Gary WB6YRU

## ARRL News

From *The ARRL Letter*, August 5, 2010

### SWISS HAMS SET NEW WORLD RECORD ON 10 GHZ

A group of six Swiss hams have set a new record for the longest contact (based on GPS coordinates) made on 10 GHz using SSB -- 2696 km (1675 miles): from Ilha do Sal (en.wikipedia.org/wiki/Sal, Cape Verde, one of the northern Cape Verde islands) to Portugal. Using a 20 W transmitter -- with a 90 cm parabolic reflector with 35 dB gain -- these hams, part of the Hyperatlantica 2010 DXpedition ([www.hyperatlantica.ch/](http://www.hyperatlantica.ch/)), were able to contact Portugal on the morning of July 10 for almost 25 minutes. The original record of 2070 km (1286 miles) -- set in 2000 by Armin Martsch, DL4AM, and Adalbert Kaufmann, DJ3KM -- was broken by the Swiss group earlier that same day, with a contact between Ilha do Sol and Tangier, Morocco at a distance of 2200 km (1367 miles).

From *The ARRL Letter*, August 12, 2010

### ARRL FILES PETITION WITH FCC TO DENY APPLICATIONS WITH RECONROBOTICS

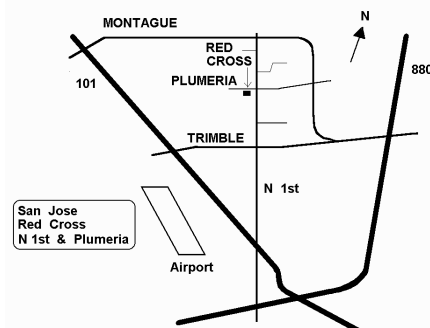
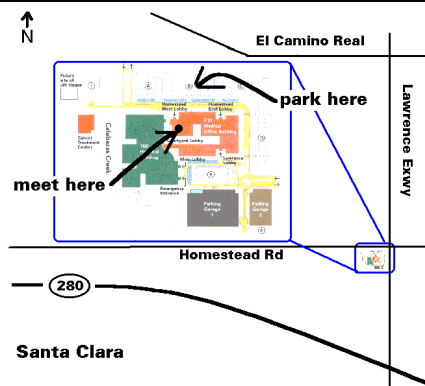
On August 4, 2010, the ARRL filed a Petition to Deny Applications with the FCC to deny 68 pending Public Safety Pool license applications associated with the ReconRobotics Video and Audio Surveillance System. Each license application is accompanied by a waiver request to permit operation of the devices in the 433-445 MHz band. The applications were coordinated by APCO International Inc Licensing Services -- the frequency coordinator for the public safety land mobile radio services -- and would allow the use of the Recon Scout product currently being marketed by ReconRobotics pursuant to an FCC

## Calendar

9/11 Electronic Flea Market at DeAnza College  
9/13 SCCARA General Meeting  
9/20 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)

## General Meeting

Day: Monday, Sept. 13, 2010  
Time: 7:30 PM  
Place: Kaiser Santa Clara, Rm 196, 1  
Featuring: John Buckahm KE6PID on digital modulation techniques



The **SCCARA-GRAM** is published monthly by the **SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION**, PO Box 6, San Jose CA 95103-0006. Permission to reprint articles is hereby granted, provided the source is properly credited.

**The deadline for articles is the last Monday of the month.**

SCCARA was formed in 1921 and became a non-profit corporation in 1947. SCCARA is an affiliate of the American Radio Relay League (ARRL). The club station is W6UW.

**Web page:** <http://www.qsl.net/sccara>.

**OFFICERS & DIRECTORS**  
(all officers are also directors)

President	Don Steinbach, AE6PM	867-3912
	e-mail: <a href="mailto:ae6pm@arrl.net">ae6pm@arrl.net</a>	
Vice President	Fred Townsend, AE6QL	263-8768
	e-mail: <a href="mailto:fred@dtcolight.net">fred@dtcolight.net</a>	
Past President	- - -	
Secretary	Jeannie Felix, KG6YOR	293-3847
	e-mail: <a href="mailto:jrfv7600@yahoo.com">jrfv7600@yahoo.com</a>	
Treasurer	Ned Tufekcic, AC6YY	690-7250
	e-mail: <a href="mailto:ac6yy@arrl.net">ac6yy@arrl.net</a>	
Station Trustee	Don Village, K6PBQ	263-2789
	e-mail: <a href="mailto:donvillage7@yahoo.com">donvillage7@yahoo.com</a>	
Director	John Glass	
Director	Lou Steirer, WA6QYS	241-7999
	e-mail: <a href="mailto:wa6qys@aol.com">wa6qys@aol.com</a>	
Director	Wally Britten, KA6YMD	293-3847
	e-mail: <a href="mailto:ka6ymd@arrl.net">ka6ymd@arrl.net</a>	
Director	John Parks, W6JPP	309-8709
	e-mail: <a href="mailto:w6jpp@arrl.net">w6jpp@arrl.net</a>	
Director	Gary Mitchell, WB6YRU	269-2924
	e-mail: <a href="mailto:wb6yru@ix.netcom.com">wb6yru@ix.netcom.com</a>	

**COMMITTEES**

Editor	Gary Mitchell, WB6YRU	269-2924
	e-mail: <a href="mailto:wb6yru@ix.netcom.com">wb6yru@ix.netcom.com</a>	
Repeater	Wally Britten, KA6YMD	293-3847
	e-mail: <a href="mailto:ka6ymd@arrl.net">ka6ymd@arrl.net</a>	
N0ARY BBS	Gary Mitchell, WB6YRU	269-2924
	e-mail: <a href="mailto:wb6yru@ix.netcom.com">wb6yru@ix.netcom.com</a>	

**SCCARA REPEATERS**

SCCARA owns and operates two repeaters under the call W6UU:

2 meter: 146.985 - PL 114.8  
70 cm: 442.425 + PL 107.2

Phone auto-dial and auto-patch is available. The two meter repeater is located at Eagle Rock near Alum Rock Park in the foothills of east San Jose. The 70 cm repeater is located at the Regional Medical Center (formerly Alexian), east of downtown San Jose, north of 280 and 101.

**SCCARA NETS**

On our two meter repeater: Mondays at 7:30 PM, (not the second Monday--our meeting night). Coordinator: Don Village, K6PBQ. On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally Britten, KA6YMD. Visitors welcome.

**N0ARY PACKET BBS**

SCCARA hosts the packet BBS N0ARY (Mt Umunhum). User ports: 144.93 (1200 baud), 433.37 (9600 baud), telnet sun.n0ary.org (login "bbs"). Sysop: Gary Mitchell, WB6YRU (packet info: [www.n0ary.org/ncpa](http://www.n0ary.org/ncpa))

**TELEPHONE NUMBERS**

SCCARA contact Clark KE6KXO:	408 262-9334
ARRL/VEC Silicon Valley VE group,	
Morris Jones, AD6ZH:	408 507-4698

waiver. Read more at [www.arrl.org/news/arrl-files-petition-with-fcc-to-deny-applications-with-reconrobotics](http://www.arrl.org/news/arrl-files-petition-with-fcc-to-deny-applications-with-reconrobotics).

**ARRL COMMENTS ON FCC 5 MHZ PROPOSALS**

On July 13, the ARRL filed its comments in response to the FCC's Notice of Proposed Rulemaking (NPRM) in ET Docket No. 10-98. The NPRM was issued in response to an ARRL Petition for Rule Making -- RM-11353 -- filed in October 2006. In its 2006 Petition, the ARRL had sought modest improvements in operating privileges in the so-called "60 meter" band, which presently consists of five channels on which General, Advanced and Amateur Extra class licensees may use upper sideband (USB) emission and no more than 50 W effective radiated power (ERP) relative to a dipole antenna. Amateur use of these five channels is on a secondary basis and must not cause harmful interference to authorized stations in the mobile and fixed services. US amateurs were first authorized to operate on 60 meters in 2003-- thanks to agreement by the Interdepartment Radio Advisory Committee of the National Telecommunications and Information Administration -- that with such limits, amateur use would be compatible with federal government requirements. Read more at [www.arrl.org/news/arrl-comments-on-fcc-5-mhz-proposals](http://www.arrl.org/news/arrl-comments-on-fcc-5-mhz-proposals).

---

## A favorite at the SCCARA picnic

### Chocolate Zucchini Cake From Marilyn Ankney

1/2 cup oil  
1 1/3 cups sugar  
4 eggs 2 cups flour 1/2 cup cocoa powder 2 t baking soda 2 t cinnamon 1 t salt 3 cups (packed) grated zucchini or grated carrots  
3/4 cup finely chopped walnuts

Mix oil with sugar, add eggs one at a time, beating well after each addition. Sift flour with cocoa powder, baking soda, cinnamon and salt. Add dry ingredients to creamed mixture. Mix in the zucchini or carrots and nuts. Grease bottom of 9 by 13-inch cake pan. Spread batter into pan. Bake at 350 degrees for 45-50 minutes. Cool 30 minutes. Spread frosting on warm cake and sprinkle with additional chopped nuts if desired.

---

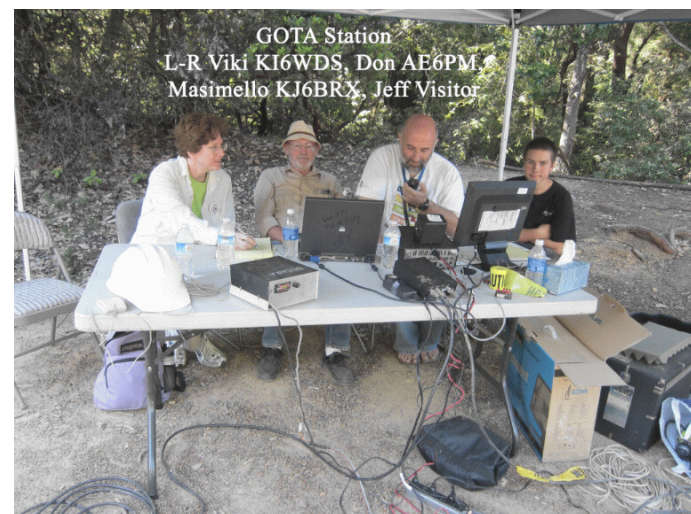
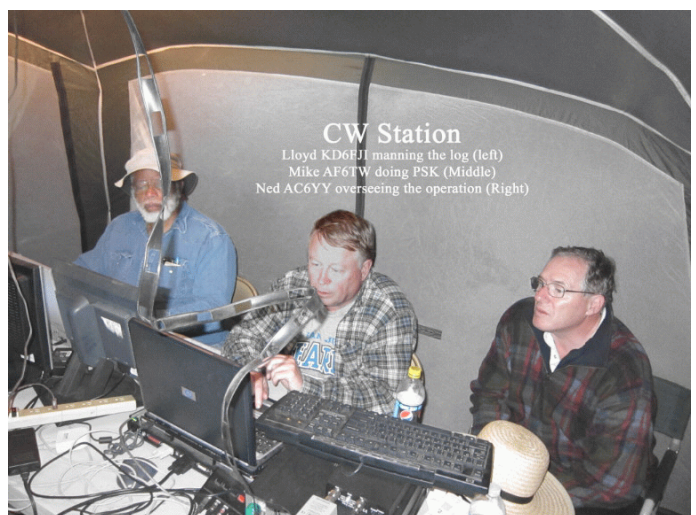
## Field Day Fun 2010

A refreshing change took place for the GOTA station this year. Instead of being relegated to 10 meters (where Novices and Techs can only operate), they had access to the same frequencies used by our regular Phone station. Also new was the use of "Coaches" to keep things legal and to give instructions regarding the station layout and how to make their first contact. Dave AE6YE and Mike KB6LCJ took on the coaching responsibility and found it to be quite rewarding. Our station was composed of a 40/80 meter wire antenna plus a beam for 10/ 15 and 20 meters. We started with the club Yeasu 757 but quickly switched to Clarks (KE6KXO) Icom 718 Transceiver with a LDG auto tuner. The combination was easy to explain and to use. There were eight operators plus a number of loggers with Massimo KJ6BRX getting most points and Viki KI6WDS a close second. For many this was their first experience. Babbette KJ6IWG was in third place plus



had her first “on the air” experience. There was also a young fellow on bicycle who stopped several times. He got to operate and was enamored with Ham Radio and said he would try and get his ticket by Field day 2011. Thanks to all that helped with the antenna installations, equipment setup and help with operation. Also a special thanks to our operators Evan, Jeff and Jordyn plus Henry KE6HOU, Herman KI6ETZ, VIKI KJ6AQA, Massimo KJ6BRX and Babbette KJ6IWG . Lets make next year even better.

73 Mike KB6LCJ



# Meeting Minutes

## General Meeting, Aug. 9, 2010



Kaiser Hospital 710 Lawrence Expwy., Santa Clara, CA. 95051

The SCCARA membership meeting was called to order at 7:33 p.m. by AE6PM, Don Steinbach.

Presentation: Mobile Radio installation for the ham by AE6QL, Fred Townsend

Introductions of members and guests

Announcements:

Aug 14: Electronic Flea Market at De Anza College Aug 21: Club Picnic at Mary Gomez Park

Points for 2010 Field Day: 2298

Meeting Adjourned at 8:45 p.m.

Jeannie Felix, KG6YOR - Secretary

---

## Board Meeting, Aug. 16, 2010



Red Cross 2731 N 1st St., San Jose, CA.

The SCCARA Board was called to order at 7:40 p.m. by AE6PM, Don Steinbach

Attendance: President: AE6PM - Don Steinbach V. President: AE6QL - Fred Townsend Secretary: KG6YOR - Jeannie Felix Treasurer: AC6YY - Ned Tufekcic Trustee: K6PBQ - Don Village Director: WA6QYS - Lou Steirer Director: KA6YMD - Wally Britten Director: WB6YRU - Gary Mitchell

Visitors: KF6OTD - Gwen Steirer

Excused Absence: Director: W6JPP - John Parks

Don Village, K6PBQ made a motion to accept minutes for July as corrected, Fred Townsend, AE6QL 2nd the motion. Motion accepted

Announcements:

August 21: Club Picnic 10/11 am to 4/5 pm August 30: SCCARA-gram inputs due to Gary

Treasurer's Report: \$4841.85 (Checking) \$3846.78 (Savings) \$114.39 (C.O.H) Total \$8803.02 \$381.56 Spent for Food for Field Day \$17.00 to Clark Murphy for Fuel

Jeannie Felix, KG6YOR Made a motion for \$30.00 to Gwen Steirer, KF6OTD for picnic supplies. John Glass, NU6P seconded the motion. Motion accepted

Station Trustee:

Club Station open for general operating Aug. 28, 2010 Oct 23: SJ RACES will be occupying W6UU for drill

V. President Report:

Sept club meeting presentation: John Buckham

other upcoming presentations TBD

Webmaster:

Webpage kept up to date as info is sent.

Repeater Chairman:

Nothing to report

Editor/BBS:

General Meeting Program

BBS has strange memory problem that is being addressed

Old Business:

New 440 Repeater is being kept at AE6PM, Don Steinbach garage until time can be arranged for installation.

Fix-it list being worked on as time permits

New Business:

Oct 15-17: Pacificon in San Ramon, Reservations need to be made by Oct 1, 2010 if attending.

Meeting adjourned at 8:45 p.m.

Jeannie Felix, KG6YOR - Secretary

---

## Packet Pieces

### Downloaded from the BBS packet network:

=====  
Date: 26 Jan 2007 21:20  
From: ZL3AI@ZL2BAU  
To: HUMOUR@WW  
Subject: Mail/CPR/Robber  
=====

Mail

-----  
The fellow stormed into the postmaster's office in a fury. "I have been getting threatening letters in the mail for months and I want them stopped."

"Of course," said the postmaster. "Sending threatening letters through the mail is a federal offense. Do you know who's sending them?"

"Yes," shouted the man. "It's those idiots down at the Internal Revenue Service."

CPR Course

-----  
Toward the end of our senior year in high school, we were required to take a CPR course. The classes used the well known mannequin victim, Rescue Anne, to practice.

My group's model was legless to allow for storage in a carrying case.

The class went off in groups to practice. As instructed, one of my classmates gently shook the doll and asked "Are you all right?" He then put his ear over the mannequin's mouth

to listen for breathing.

Suddenly he turned to the instructor and exclaimed, "She said she can't feel her legs!"

Robber

-----

A guy walked into a little corner store with a shotgun and demanded all the cash from the cash drawer. After the cashier put the cash in a bag, the robber saw a bottle of scotch that he wanted behind the counter on the shelf.

He told the cashier to put it in the bag as well, but he refused, saying "I don't believe you are over 21."

The robber said he was, but the clerk still refused to give it to him because he didn't believe him. At this point the robber took his drivers license out of his wallet and gave it to the clerk.

The clerk looked it over, and agreed that the man was in fact over 21 and he put the scotch in the bag.

The robber then ran from the store with his loot. The cashier promptly called the police and gave them the name and address that he got off the license. They arrested the robber two hours later.

73, David ZL3AI.

=====  
Date: 26 Jan 2007 21:20  
From: ZL3AI@ZL2BAU  
To: HUMOUR@WW  
Subject: Fishing  
-----

A kind-hearted fellow was walking through Central Park in New York and was astonished to see an old man, fishing rod in hand, fishing over a beautiful bed of lillies.

"Tsk Tsk!" said the passerby to himself. "What a sad sight. That poor old man is fishing over a bed of flowers. I'll see if I can help."

So the kind fellow walked up to the old man and asked, "What are you doing, my friend?"

"Fishin', sir."

"Fishin', eh? Well, how would you like to come have a drink with me?"

The old man stood, put his rod away and followed the kind stranger to the corner bar. He ordered a large glass of beer and a fine cigar.

His host, the kind fellow, felt good about helping the old man, and he asked, "Tell me, old friend, how many did you catch this morning?"

The old fellow took a long drag on the cigar, blew a careful smoke ring and replied, "You're the sixth today, sir!"

73, David ZL3AI.

## Need Help?

Amateurs have a long history of helping each other. An experienced amateur who helps another is traditionally called an "Elmer." If you have a question or problem, you are encouraged to ask one of SCCARA's Elmers. Below is a list of topics including who to contact for each.

If you consider yourself to be reasonably competent in at least one area of amateur radio and would be willing help others, please fill out an Elmer form from the club secretary.

Antennas, feed-lines, tuners: WB6EMR, W6JPP, K6PBQ, WB6YRU  
Lightning protection, grounding: WB6YRU  
Station set-up, equipment: K6PBQ, W6JPP  
TVI/RFI: WB6YRU  
Homebrew projects, construction: KD6FJI, WB6YRU  
Computers: older IBM PC: WB6YRU  
Packet Network (BBS, forwarding): WB6YRU  
Code operating and installations: WB6EMR, K6PBQ  
DX (long distance/propagation): WB6EMR  
Emergency operating/preparedness: WA6QYS  
HF operating techniques (SSB, CW): WB6EMR, K6PBQ  
Legal/FCC rules: WB6YRU  
SCCARA (club inner workings): K6PBQ, WB6YRU, WA6QYS  
EchoLink: KK6MX

WB6EMR, James D. Armstrong, Jr.,  
evening & msg: (408) 945-1202

KD6FJI, Lloyd DeVaughns,  
(408) 225-6769 e-mail: kd6fji@arrl.net

KK6MX, Don Apte, (408) 629-0725  
e-mail: kk6mx@aol.com

W6JPP, John Parks, (408) 309-8709  
e-mail: w6jpp@arrl.net

K6PBQ, Don Village, (408) 263-2789  
e-mail: donvillage7@yahoo.com

WA6QYS, Lou Steirer, (408) 241-7999  
e-mail: wa6qys@arrl.net

WB6YRU, Gary Mitchell, (408) 269-2924  
packet: home BBS NOARY  
e-mail: wb6yru@ix.netcom.com

---

## Newsletter Notes

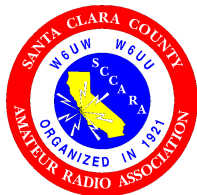
A little belated, but we finally have some photos from Field Day. Thanks Mike!

The digital modulation talk scheduled for last month didn't happen. If you think you missed it, relax, you've been given a reprieve. It has been re-scheduled for our September meeting. Fred was good enough to fill in with some good tips on mobile radio installations for our August meeting. Thanks Fred!

73, Gary WB6YRU, editor

---

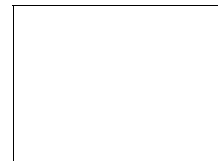




# SCCARA

Santa Clara County Amateur Radio Association  
PO Box 6  
SAN JOSE CA 95103-0006

Affiliate of the ARRL,  
American Radio Relay League



FIRST CLASS

## ADDRESS SERVICE REQUESTED

## SCCARA Membership Form for 2010

If none of your info has changed, fill in name and call only

Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: E A G T N

Address: \_\_\_\_\_ Licensed since (yr): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_ Licence Expiration  
Date (mo/yr): \_\_\_\_\_

Telephone: ( ) \_\_\_\_\_ ☐ New Member ☐ Renewal  
☐ I'm also a member of the ARRL

E-mail: \_\_\_\_\_

Memberships begin January 1 and expire December 31.

**If renewing:** annual membership dues (base rate) are: \$20 Individual, \$25 Family, \$10 Student (under 18)

**For new members:**

If joining in January: base rate

If joining in February through October: base rate x (11 - month) x 10% (e.g. for June, that would be: base rate x 50%)

If joining in November or December: free for November and December if paying the base rate for the following year

\$ \_\_\_\_\_ Dues payment for: ☐ individual ☐ family ☐ student

For family memberships (at the same address), please include a separate form for each family member.

**I want the newsletter by:** ☐ U.S. Mail ☐ internet (make sure your e-mail address is legible and correct)

Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or mail to the club address.