



# TRI-COUNTY Amateur Radio Association

P.O. BOX 75 CLAREMONT, CALIFORNIA 91711

## SLOW SCAN TV for OCT

### SLOW SCAN TV

Presented by Fred Kanasek, KF6HQC

This will be a very interesting program. There are a few of our members who are already doing Slow Scan TV. Come and see how easy it is to get on slow scan tv and enjoy the fun on the weekly slow scan tv weekly net.

Fred has been a licensed amateur radio operator for 7 years now, 5 years as an amateur advanced class. He enjoys SSB, CW and many of the digital modes. PSK31 and SSTV are his favorites. He has been active in them for about two years now. I enjoy SSTV on 20 meters and SSTV on 2 meters weekly during the Inland ARS SSTV net held on Sunday evenings. 146.700 kd6hdx repeater Sundays at 7:00pm

FS Karasek - KF6HQC

### Pat Coker's Meteor Scatter in September

Pat gave an excellent presentation on "The Easiest way to make contacts between 500 and 1200 miles on 144 MHz."

A lot of people paid strict attention to Pat when he spoke. He is one of many excellent speakers who have presentations at our meetings.

Pat is an avid VHF, UHF, 6 meter, and Microwave Operator who has many years of experience.

We will look forward to Pat coming back to give another talk

### Is it Spider Man!

We were all surprised when Spider Man entered the building, and sat down in our meeting asking questions, and also enjoyed Pat's presentation.

Later in the meeting he revealed his true identity to all of us. It was Peter.

He talked to me about a week ago regarding his new outfit. He was thrilled about getting his outfit special fitted for him, so he can wear it for Halloween night.

**Thanks Peter Dekluyver KG6LSE great entrance.**

### TO THE HAMCON VOLUNTEERS

Thanks to all the volunteers that were able to attend at Hamcon. We had a great time.

**Ken Berglof KG6OMZ your Volunteer Coordinator.**

### MEETING PLACE

Brackett Airport Administration Building  
**1615 McKinley Ave., La Verne, CA**

Exit I-10 at Fairplex, go North to the Fairgrounds, then turn left and follow the road along the South side of the airport to the Administration Building. The meeting place is in the Pilot's Lounge.

**Meeting: Monday, October 13, 2003 7:30 PM,**

TCARA is an Amateur Radio Service Organization. Anyone interested is invited to attend. We meet on the second Monday of every month.

### Hamcon 2003 – A Big Success

FOCUS BACK ON THE VOLUNTEER was the theme of this year's ARRL Southwestern Division Convention. It was held at the Long Beach Hilton hotel. A big plus for the convention goers was that practically all activities occurred on the second floor of the hotel.

There were activities for all aspects of ham radio. This included an amazing 51 technical talks. Other activities included: Vendor Exhibits, Saturday Luncheon, ARRL Forum, VE Testing, Alternative Ladies Program Sunday Breakfast, Emergency Vehicle Display, Many PRIZE Drawings, W1AW Special Event Station, Grand Banquet, and Wouff Hong Midnight Saturday!

### SUNDAY CLUB 2M NET

The TCARA Sunday net is held at 7:00 PM on the Baldy machine repeater: **FREQ: 147.210, minus 600, PL 156.7** (the old Bomb Squad machine). "The latest ARRL News Line broadcast, and Club Info will be included."

### QRM Deadline

The QRM Newsletter deadline for **November issues**, should be turned in by **October 20**. Send News/ articles to Ken Berglof 15720 Country club Dr., Chino Hills, Ca 91709. E-mail address (Preferred) is: **kg6omz@arrrl.net** Early submissions are always appreciated.

Ken Berglof, kg6omz, QRM Editor

## HEALTH AND WELFARE

Health and welfare information goes to Bob Embrey, KD6DKV, AT 626-339-3402.

**If you have ideas for a program, let one of the officers now about it.**

## E-MAIL UPDATE

Since the club we will be asking opinions and giving out information via e-mail (and also the QRM), it is important to have your current e-mail address on file. Please send your updated e-mail address to kg6omz@arrl.net. Thanks for your help. Ken Berglof, KG6OMZ

## TCARA MEMBERSHIP

Membership enables you to receive membership prizes, vote, Place FREE "FOR SALE" ads in the QRM, receive the QRM, and run for an office. Dues: Regular - \$15/year. Family - \$20/year. All renewals are due by June 30th\.

## TCARA INTERNET HOME PAGE

TCARA has its home page on the Internet, and the URL is: <http://www.qsl.net/k6agf>

## CASH DRAWING

This Month's cash drawing is up to **\$30**

Howard McGee KR6CT was overjoyed when they called his name for the September drawing. He won **\$40**, and donated half of it back into the pot. Thanks Howard and congratulations! So the October drawing will be for \$30.

TCARA holds a monthly cash drawing at our meetings. \$10 will be added to the pot each month. All members' names will be put in the hat for the drawing. The member whose name is drawn must be present to win. If the member is not present the prize will be rolled over and added to the next month's pot. So plan to attend **"Monday, October 13 at 7:30 P. M."** October cash drawing will be **\$30**.

### \*\*\*\*\* ATTENTION TO ALL MEMBERS \*\*\*\*\*

All past members are urged to renew their membership. Visitors are welcome and invited to become members before the drawing. All paid up member names will be in the hat and if present will have a chance to win some of the \$120 that will be placed in the pot over the next 12 months.

## LOCAL SWAP MEETS

**(Hours for Swapmeets are usually 7 AM to 11 AM.)**

Second Saturday of each month **Fontana Swap Meet** run by the Inland Empire ARC at A. B. Miller High School on Highland and Oleander in Fontana, 7 AM to 11:30AM. Directions: take I-10 East to I-15 North, get off at Highland/Cherry Ave exit, and go East on Highland. A. B. Miller HS is about 2.5 miles down the road on the South side of the street. Talk-in is 145.480, down 600kHz, PL=77.0 Note: best place to park is on the East side of the school.

Third Saturday of each month **CMRA Hamfest** (the old DeVry Swapmeet) now held at **Cal Poly Pomona**, 3801 West Temple Avenue, Pomona (right across the freeway from the old DeVry), in Parking Lots F8, F9, and F10. Admission and parking are free. Take the I-10 and exit Kellogg Drive. For recorded information call: **(714) 537-4230**. Ask for Hugh or Greg at the gate.

Last Saturday of each month The **TRW Swapmeet** is located in Manhattan Beach, on the Northwest corner of Marine Ave. and Aviation Blvd. South of LAX, West of the 405 FWY. Take the 105 FWY. West to Aviation Blvd., South on Aviation 2.5 miles to Marine. Talk-in 145.32, down 600 kHz, PL=2A (114.8).

First Sunday of each month **The Electronics Swap meet** is located in Chino Hills, South side of 71 FWY right at Chino Hills High school, 16150 Pomona Rincon Rd. **Hours 6:30 a.m. through 11:30 a.m.**

"If your traveling South East on HWY 71 turn off on Soquel Canyon Rd. exit, then turn right, and then turn left at the next stop light that is "Pomona Rincon Road." Just one block more, then look to your right.

Need more information regarding the Swap Meet? Contact Alan Sanders at (909) 597-3893 or visit our web site at: [HTTP://www.chhsmusic.com/electswap.html](http://www.chhsmusic.com/electswap.html)

## AMATEUR LICENSE TESTING

Last Saturday of each month, except December. TCARA ARRL TESTING SESSION: **Next session will be Saturday, October 25, 2003 at the Club's meeting place at Brackett Airport in La Verne**). Technician through Extra. Call **Carl Sanders, WJ6N, (909) 820-3442**, for reservations (if you have Caller ID blocking enabled, press \*82 before dialing the number to unblock your number for the one call). Leave the class of the test you want to take, your name, address, and telephone

number. Bring your current license and a copy, any CSCEs and copies, and a picture ID.

## **SOME REPEATERS & EMERGENCY GROUPS IN THE AREA. COUNTY**

Los Angeles County Disaster Communications Services:  
145.300 MHz (-) PL 100 Hz (Mt Disappointment)

224.300MHz (-)PL 100 Hz ( " " )

### Local Groups

**Azusa** - ACS/RACES net Mon. 7:00 PM **144.970** MHz  
Johnstone PK.

**Glendora** - ACS/RACES net Tues. 7:00 PM 144.970  
MHz Johnstone PK.

### Local Groups:

**La Verne** - La Verne Emergency Communications  
Team, K6LVN.

Nets Tuesday @ 7:30 PM, 144.970, Johnstone Peak.  
Meeting 3rd. Tuesday, 7:30 PM @ La Verne Police  
Station.

### **For more information contact:**

Jack Swank, W6FAM

Jay Jones, WB9FPM

**Claremont** "CARDS" net Mon. 7:15 PM 147.210(+)  
PL156.7 Hz Sunset Ridge.

**Johnstone PK Emergency & Red Cross** 146.820Mhz  
(-) PL 100 Hz.

**Western San Bernardino County** - SATERN  
(Salvation Army) net Sun. 8:PM 146.985 MHz (-) 146.2  
Hz Keller PK.

**Rancho Cucamonga** ACS/RACES net Tues. 7:00 PM  
147.300 MHz PL123.

**Contact:** John Garcia KF6ZQN

**Chino Hills** - Chino Hills Auxiliary Radio Team  
(CHART) net is **every Thursday** except the third  
Thursday of the Month, at **7:00 p.m.** CHART's tactical  
frequency is **147.480 simplex**. The City's 220 MHzZ  
repeater frequency is 224.720 PL 127.3-offset.

If anyone has anything to add to this list, please contact  
Clint Stone KQ6NJ at: [cstone1@juno.com](mailto:cstone1@juno.com)

## **Emergency Communications**

S.A.T.E.R.N (Salvation Army Team Emergency Radio  
Network) of Riverside/San Bernardino Co's is looking  
for Amateur Radio Operators in Ontario, Rancho  
Cucamonga, Corona and the surrounding areas.

Contact Tony Stephen at (909) 628 2843 or e-mail  
[KE6JZF@surfside.net](mailto:KE6JZF@surfside.net) for info. Check in on the

SATERN Net Sundays at 8:00 PM on 146.985 (-) PL  
146.2 (Keller PK).

## **All HAM'S ARE Welcome to use IRLP NODE 7170 POMONA**

All ham operators are invited to use the IRLP node  
#7170, FREQ 145.755 simplex with a PL 162.2. IRLP  
web sites can be found at the following URLs:

<http://www.irlp.net>

[http://www.irlp.g4eid.co.uk/status/all\\_reflectors.html](http://www.irlp.g4eid.co.uk/status/all_reflectors.html)

<http://www.google.com> - Type IRLP for many sites.

Please email Alvin at [w6ekz@arrl.net](mailto:w6ekz@arrl.net) for instructions  
and access codes.

## **→OCTOBER 10-11: Annual WSWSS VHF/UHF Conference, to be at the Sheraton**

Cerritos Hotel, 12725 Center Court Drive, Cerritos, CA.  
Ok, ok, what's a WSWSS? Western States Weak Signal  
Society - so there! This conference gives you a chance to  
rub elbows with some of the most energetic and  
experienced VHF/UHFers in the region. More info at:  
<http://www.wswss.org/> (click on "conference")

## **ARRL HONORS AMATEUR RADIO TODAY PRODUCTION TEAM**

The ARRL has honored the individuals responsible for  
bringing the Amateur Radio Today CD presentation  
from concept to reality. The formal recognition came  
over the September 6-7 weekend during the ARRL  
Southwestern Division Convention in Long Beach,  
California.

Receiving ARRL Special Service awards for their  
contributions to the Amateur Radio public relations  
effort were director Dave Bell, W6AQ, scriptwriter Alan  
Kaul, W6RCL, editor Keith Glispie, WA6TFD, and Bill  
Pasternak, WA6ITF, who assisted in producing Amateur  
Radio Today along with Bell, Kaul and Bill Baker,  
W1BKR. The video presentation has been widely  
distributed--including to all 535 members of the US  
Congress. ARRL Southwestern Division Director Art  
Goddard, W6XD, presented the plaques to the team  
members on hand at the convention.

Former CBS news anchor Walter Cronkite, KB2GSD,  
narrated Amateur Radio Today, which runs  
approximately six minutes. Designed for presentation to  
nonhams and civic clubs, Amateur Radio Today focuses  
on Amateur Radio's role in emergency communications,  
including Amateur Radio's role in the September 11,  
2001, response.

The League also honored Bell--a Hollywood TV producer and past chairman of the ARRL Public Relations Committee--with a Lifetime Achievement Award. At its July meeting, the ARRL Board of Directors cited Bell's "many significant contributions" to the ARRL, his role as chairman of the Public Relations Committee and his work in the production of films and videos promoting Amateur Radio. His film and video repertoire includes The Ham's Wide World, Moving Up to Amateur Radio, This is Ham Radio, The New World of Amateur Radio and Ham Radio Olympics.

ARRL President Jim Haynie, W5JBP, said the idea for the Amateur Radio Today video stemmed in part from his desire to "leave behind more than my business card" when talking with members of Congress, their staff members and others who are not licensees but who "stand to influence or affect the future of Amateur Radio in some way." Haynie said he and Bell discussed the project, and Bell agreed to take it on, donating a lot of his own time and effort in completing the project.

Individuals may order a copy of the Amateur Radio Today CD-ROM from the ARRL on-line catalog <<https://www.arrl.org/catalog/?item=8861>> or download it for free. Amateur Radio Today also is available in VHS videotape format. A subtitled (open-captioned) version also is available.

## **ARRL "LOGBOOK OF THE WORLD" GOES LIVE!**

The long-awaited QSL-cardless ARRL awards and contact credit system "Logbook of the World" (LoTW) officially opened for business this week. Within its first five days of operation, the system--which is open to all--already had attracted more than 1000 requests for a digital certificate, the essential pass key to LoTW.

"Although Logbook of the World is a tremendous resource for hams chasing DXCC, VHF/UHF Century Club (VUCC), Worked All States (WAS) and other awards, we hope it will appeal to hams who are not currently active in these awards programs," said ARRL Chief Operating Officer Mark Wilson, K1RO. "The proliferation of logging software has stimulated activity and interest in contesting, and submitting log data and verifying award credits online is a logical next step."

Data integrity has been a watchword of the LoTW since the project's conception, and that starts with a digital certificate. Obtaining a digital certificate involves a combination of on-line filing and good old-fashioned snail mail. The first step is to visit the ARRL Logbook of the World Web page <<http://www.arrl.org/lotw>>, download the LoTW software and request a digital certificate that ties the participant's identity to a digital

key.

"We will need to verify you are who you say you are," ARRL Membership Services Manager Wayne Mills, N7NG, explains. "The security of the entire system depends heavily on the method used for verifying the user's identity." This first step is called authentication. Everyone who plans to use LoTW first must obtain a digital certificate. There are no exceptions. For US amateurs, this process relies on your mailing address in the FCC database, which must be current.

For non-US amateurs, authentication will rely on other documentation, primarily a copy of the participant's Amateur Radio license and another official identifying document. Mail these copies to ARRL, Logbook of the World Administrator, 225 Main St, Newington, CT 06111 USA.

Assuming everything goes smoothly, US licensees requesting a digital certificate soon will receive a postcard in the mail that contains a password. "The first batch of postcards has been mailed, and some people have uploaded their passwords," Wilson said. "Those will be checked, and the first batch of digital certificates should be e-mailed to users September 22."

Users then should go to the LoTW Web site and enter the password to complete the processing of their certificate request. Once the password has been entered, the digital certificate will be e-mailed within a working day or two. Non-US stations will receive their digital certificates via e-mail once their documentation has been received at ARRL Headquarters and authenticated.

Participants will use their digital certificates to "sign" and upload either Amateur Data Interchange Format (ADIF) or Cabrillo-formatted files. Participants also may use their primary digital certificates to obtain additional certificates necessary to submit log data and obtain award credit for contacts made under formerly held call signs.

At the heart of the Logbook of the World concept will be a huge repository of log data provided by operators--from individual DXers and contesters to major DXpeditions--and maintained by ARRL. Mills says the system will benefit big and little guns alike by providing quick QSO credit for ARRL-sponsored awards, especially DXCC.

Obtaining a digital certificate and uploading log data are free of charge. There will be a per-QSO charge for each contact credit used, but Mills expects it will be much less than the typical costs involved with exchanging paper QSL cards. When you use an LoTW confirmation for an

award credit, the fee will be added to your account and shown in the user's record. The user will be able to pay for these charges on-line using a credit card.

Mills' article, "Introducing Logbook of the World," appears in the October issue of QST. LoTW news and announcements will be posted to the Logbook of the World Web site <<http://www.arrl.org/lotw/>>.

Wilson commended ARRL Web and Software Development Department Manager Jon Bloom, KE3Z, and the other contributors to the project "for their dedication and hard work that made Logbook a reality."

## **FCC PUTS NO-CODE INTERNATIONAL'S MORSE PETITION ON PUBLIC NOTICE**

The FCC has invited public comments on another Morse code-related petition for rule making--this one from No-Code International (NCI) <<http://www.nocode.org/>>. It's designated RM-10786. When the FCC put six other Morse-related petitions in the sequence RM-10781 through RM-10787 on public notice, RM-10786 failed to show up on the FCC's Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>. It remained missing through September 2. NCI calls on the FCC to delete Element 1--the 5 WPM Morse code exam--"totally" from the Amateur Service rules and grant "Tech Plus" privileges to current Technicians. It also wants the FCC to act on the matter as soon as possible, preferably in a separate rule making and without further ado.

"The Commission clearly has the authority to modify its rules on its own initiative and without further public notice or comment," NCI asserted in its 20-page petition.

NCI notes that World Radiocommunication Conference 2003 (WRC-03) made optional the requirement to prove the ability to send and receive Morse signals to operate below 30 MHz. As a result, "the Commission is no longer bound to maintain any Morse proficiency requirement." The Morse requirement, NCI contends, is keeping newcomers away from Amateur Radio.

Comments poured in this week from members of the amateur community on all seven petitions. Clearly ahead in the comment-collection race is the petition filed by the National Conference of Volunteer Examiner Coordinators, RM-10787, which had collected more than 350 comments by week's end. The other petitions each have garnered more than 100 comments apiece.

Interested parties may file comments on any or all

petitions now on public notice

<[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/DO-C-238494A1.pdf](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DO-C-238494A1.pdf)> by using the FCC's Electronic Comment Filing System (ECFS)

<<http://www.fcc.gov/cgb/ecfs/>>. The ECFS also permits users to view all comments on file. There is a 30-day comment window.

To file a comment, click on "Submit a Filing" under "ECFS Main Links." In the "Proceeding" field, type the full RM number, including the hyphen, and complete the required fields. "RM" must be in capital letters, and you must include the hyphen between "RM" and the five-digit number. You may type your remarks into a form or attach a file. ECFS also accepts comments in active proceedings via e-mail, per instructions on the ECFS page.

To view any comments already submitted for each petition, click on "Search for Filed Comments" under "ECFS Main Links" and type in the complete RM number, including the hyphen, in the "Proceeding" field. "RM" must be in capital letters, and you must include the hyphen between "RM" and the five-digit number.

Several countries--including Switzerland, Belgium, the UK, Germany, Norway and the Netherlands--already have moved to drop their Morse requirements. Austria, New Zealand and Australia are expected to do so soon.

## **IN BRIEF:**

\* This weekend on the radio: The ARRL 10 GHz Cumulative Contest, the SARL VHF/UHF Contest, the Scandinavian Activity Contest (CW), the Collegiate QSO Party, the South Carolina QSO Party 1300Z, the QRP Afield Contest, the Washington State Salmon Run, the Panama Anniversary Contest, the Fall QRP Homebrewer Sprint and the AGB NEMIGA Contest are the weekend of September 20-21. JUST AHEAD: The CQ/RJ Worldwide DX Contest (RTTY), the Scandinavian Activity Contest (SSB) and the Texas and Alabama QSO parties are the weekend of September 27-28. See the ARRL Contest Branch page <<http://www.arrl.org/contests/>> and the WA7BNM Contest Calendar <<http://www.hornucopia.com/contestcal/index.html>> for more info.

\* W1AW 160-meter transmission to QSY slightly: Starting Monday, September 29, W1AW will shift its 160-meter code practice and bulletin transmission frequency from 1818 kHz to 1817.5 kHz, starting with the 4 PM EDT (2000 UTC) code practice run. The change not only brings W1AW's Top Band frequency in line with those the station uses on other bands, it also should help to eliminate possible interference from

broadcast station harmonics and birdies--something that's more likely on an integer (ie, whole number) frequency. W1AW has been conducting code practice and bulletin transmissions on 1818 kHz since 1982. Prior to that, W1AW transmitted both CW and phonebulletins on 1835 kHz