



ARCOVER

South Bay Amateur Radio Club



WB6SBA
E-mail: W6SBA@arrl.net

*A Community Service Organization
Dedicated to Amateur Radio Since 1970*

Website: <http://www.w6sba.org>

President - Alex - KD6LPA

February 2008

Torrance Memorial Medical Center ROOM "B"

WEST TOWER 2ND FLOOR

3330 W. Lomita Blvd., Torrance, CA 90505

On Medical Center Drive

with parking in the structure behind the WEST TOWER.



President's Message Alex-KD6LPA

I love watching the Super Bowl. It is always fun to getting together with friends, putting your feet up on the forbidden coffee table, eating lots of unhealthy snacks, washing them down with a few brews, rating the best commercials, and let's not forget about watching the game! Without a doubt, this year's game was a thriller that went right down to the wire. In years past, when the game was a blowout, we had a hard-core fan loaded with so much trivia. He was un-stoppable! So how does one return the favor by stumping the quizmaster? Simple, ask him what the NFL has in common with Amateur Radio!

The answer: Frequency Coordinators! With so many wireless devices these days, frequency coordination has become an absolute necessity. Think about it. You've got wireless intercoms, team communications, referees, reporters and broadcasters,

public Wi-Fi systems and cell phone infrastructure just to name a few. That's quite a mess! So in order to manage this overwhelming complexity, the NFL started using frequency coordinators (FC) back in 1996. It was so successful, the NFL now depends on FC's for every game (both regular season and the playoffs). For Super Bowl XLII, there were roughly 10,000 wireless devices managed by 32 primary coordinators and approximately 60 assistants. But the planning and support didn't stop there!

What do you do if someone accidentally or deliberately broadcasts on someone else's frequency? Answer: you've got to have teams equipped with state of the art DF (direction finding) gear -- with enough training to quickly locate the source and stop it. Apparently, during this year's NFC Championship game (between Green Bay and New York), a television crew linked a wireless microphone to one of their cameras and promptly trampled over another wireless user's spectrum. Normally,

first time offenders have their wireless gear confiscated for the remainder of the game but can continue their operation with a wired connection. In this case, however, the TV crew was a repeat offender -- and presumably from their unwillingness to cooperate, they were told to pack up and leave the stadium.

As you can imagine, Frequency Coordination for so many users is a huge undertaking and requires highly trained personnel to pull it off. For me, it's gratifying to see the principles of Amateur Radio operating in such a complex environment. All the techniques, leadership, and DF infrastructure came from Amateur Radio and continue to prove its value in real world situations. If you'd like to read more about the NFL and Frequency Coordination, check out this link on the web:

<http://www.networkworld.com/news/2008/012508-nfl-radio-cops.html?page=1>

February Speaker

"CERT" COMMUNITY EMERGENCY RESPONSE TEAMS

Kathi Galbasin-KG6RPM will be presenting a program on the Torrance CERT Program. She will discuss how CERT members help the community how CERT training prepares one personally for disaster and how ham radio ties in.

Kathi is the Torrance CERT Volunteer Coordinator, a Commissioner on the Torrance Disaster Council, TARA member, and Neighborhood Watch Block Captain. Her husband Chuck-KG6RPN is the leader of TARA.

Please join us for this informative presentation about Emergency Training in our Community.

2008 NOTES FROM THE SECRETARY JOE-WB6MYD
e-mail address - jlanphen@ca.rr.com- 310-328-0817



- MEETING ROOM — Be sure to watch the ARCOVER for the meeting location. As reported earlier we will meet in room “B” on the 2nd floor of the West Tower. Remember to park in the West side parking structure.
- LA MARATHON — Sunday, March 2nd, 2008, Ed - KN6JN, Alan - KG6ZPL, and Joe - WB6MYD have signed up for this year’s event. Anyone else wanting to join us please go to www.lamarathon.com and look for the volunteer sign-up link which should lead you the Amateur Radio Link. If all else fails, e-mail Greg Powell - KD6AIS at kd6ais@pacbell.net Greg is the guy running the show for the hams. Be sure to tell him in your e-mail you are a member of the SBARC and would like to be at a mile station near Ed, Alan, and Joe.
- B2V - The Baker to Vegas Law Enforcement Relay Race on April 19-20, 2008 is being supported by several of your fellow club members. I am sure you’ve heard us talk about this in the past, and we again are looking for anyone to join us. This is a hard weekend but very rewarding and enjoyable. We do make it a whole weekend by staying overnight at State Line both Saturday and Sunday night. Please let me know if your are interested. Thanks Joe - WB6MYD.

- Members in good standing for the year 2008. Thank you for your support. If you haven’t paid your dues please prepare to pay them at the next meeting or mail them to me at **Post Office Box 536, Torrance, CA 90508-0536**

Ray - WA6OWM	Hal - AF6CG	Paul - KK6BY	Robert - KI6MNK
Craig - WD6AKX	Marylin - KI6MNE	Harlon - KC6YBJ	Donald - W6AGP
Brian - KI6ERR	Kostek - K6MNA	Roy - K6ARB	Joe - WB6MYD
John - AE6LK	Donna Wilson	Ed - KN6JN	Alex - KD6LPA
Arthur - WS6U	Margorie - KG6HPR	Darryl - W6JII	Ken - K6HRN
Alan - KG6ZPL	Mike - KI6LJM	Joy Mckinney	Ron - KG6UUP
Scott - K0SMC	Loyd - N6GDH	Dee - WB6DEE	Burt - K6KYM
Betty - N6VZF	Dick - W1MII	Jim - W6CWM	

- W6SBA REPEATER - As you know the club operates a repeater on 224.38 Mhz, and it is open. We’ve made some improvements and both Scott - N6LEM and myself feel we’ve got a pretty darn good machine. The disappointing lack of use by our own club members of the repeater is a bit of a problem. We all know the old saying “use it or lose it.” it applies to our situation. To encourage greater use we want to restart the weekly net on Thursday nights. Please join us after this month’s meeting, Thursday, February 21, 2008. The net will be an informal net and roll call. The Council had some big plans for us, but we need your participation. It has been suggested we talk about a test question for those of you wishing to upgrade, provide Elmering, talk about Digital modes and many other ideas. As always we are open to your suggestions.
- SWAP MEET - John AC6FB has stepped down as our Swap Meet Chairperson, for the last Saturday of the month. I (Joe - WB6MYD) ran it for the January 2008 swap Meet. I had collected a lot of items from club members to see if we could sell them. I was swamped right from the minute it opened; and, thanks to John, we were able to handle it. I still have several items left and so we need to find someone willing to run it once a month. This is a big undertaking but we like the exposure for the club, and of course, it is helpful for those wishing to clean out your garage or shack. We are not expecting one person to do this for 12 months, if several members could take a couple of months

SOUTH BAY ARC OFFICERS 2007

President: Alex Marko - KD6LPA
kd6lpa@socal.rr.com 310-530-6614

Vice- President, Ed Hinz - KN6JN
kn6jn@aol.com - 310-325-7944

Secretary/Treasurer, Joe Lanphen - WB6MYD
jlanphen@ca.rr.com or w6sba@arrl.net - 310-328-0817

Council Member #1, Trent Alvarez - KG6MUU
kg6muu@msn.com - (310) 618-9071

Council Member #2, John Wilson - AE6LK
ae6lk@socal.rr.com - 310-370-1654

Past-President, Richard Whited - KG6JKJ
rbwhited@yahoo.com - 310-809-7151

Dick - W1MII - ARRL SW Div. Assistant Director
vzfmii@beachnet.com - 310-541-6422

Editor - Mary - KE6BBK - jcrochaw@pacbell.net
 310-675-0732

W6TRW Swap Meet Space Manager -

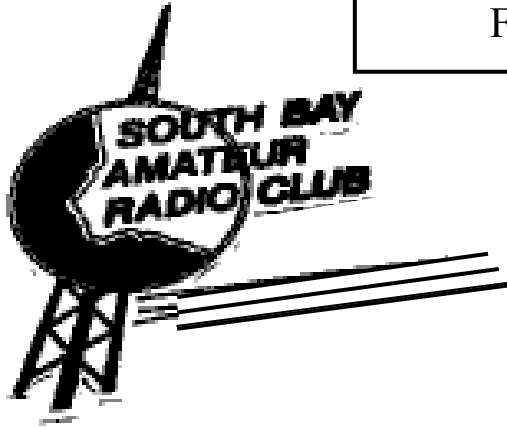


MEMBERSHIP DRAWING

The winner of the members drawing was Shirley-KF6EXI, sorry Shirley that you were not here. The kitty at the February meeting will be \$20.00.

WILL YOU BE THERE?

The new net beings Thursday,
February 28, 2008



South Bay Amateur Radio Club Net
224.38 MHz ·PL - 192.8 Hz Offset 1.6 MHz

**THURSDAY NIGHT NET.
GET OUT YOUR 220 HT
OR ON YOUR HOME BASE
CHECK IN AT 1900 HOURS.**

W6TRW SWAP MEET

February 23, 2008

7:00 a.m. through 11:30 a.m.

**2008 Swap Meet Chairperson needed
Please consider and volunteer**



The first Swap Meet of the year was quiet interesting. Joe-WB6MYD brought a large assortment of gear and John AC6FB was a few minutes late arriving at the location and found Joe inundated with buyers looking at the equipment before he could get it all out of the vehicle. We were able to move a fair amount of equipment to new owners.

Dick-W1MII came and assisted with the sales. Joe and John remained at the location until they closed down at 11 a.m.

A lot of club members stopped by to visit and barter.

Contact a council member if you are interested in becoming Swap Meet Chairperson.

**BOB HEIL MAKES A GENEROUS DONATION TO
W1AW**

Heil Sound Donates Microphones, Accessories to W1AW and W1HQ: Thanks to the generosity of Bob Heil, K9EID, of Heil Sound Ltd, the Maxim Memorial Station W1AW and the Laird Campbell Memorial Headquarters Operators Club station W1HQ have some spiffy new audio gear. Heil Vice President for Amateur Sales and Marketing Chip Margelli, K7JA, visited ARRL HQ January 29 to present the donations. W1AW Station Manager Joe Garcia, NJ1Q, commented: "We thank Bob Heil for the generosity he's always showed W1AW. All of our headsets and microphones in use in the visitors studios are Heil Sound products. They see a great deal of use by our visitors. So the donation of the ear pads/socks will greatly improve the appearance of the headsets. In addition, the modular pigtailed will certainly look much more professional than the homebrewed pigtailed we had been using." The recently renovated W1HQ, located near the ARRL Lab in the *ARRL February 8, Vol 27 #5*

GOOD WISHES—Roy - K6ARB has been in and out of the hospital for the last week or two. Please remember him in your prayers for a speedy recovery. We wish him the very best.



Field day 2007 laying out cables to set up antennas
Are you getting ready for 2008



Practice CW



Antennas up and running

Pay your dues on time and stay connected



2007 B2V Relay Race Packing for 2008 Stage 13



Nancy and Bill set up a convenient Radio Shack 2007 HAMCON

AIR FORCE ADDS MORE REPEATERS TO CALIFORNIA PAVE PAWS PROBLEM LIST

A second round of testing by US Air Force engineers has resulted in the identification of an additional seventy-five 70 cm repeaters in Northern California that must adjust their operations to eliminate harmful interference to the PAVE PAWS Updated Early Warning Radar (UEWR) located at Beale Air Force Base near Sacramento. As a result of these additions, new strategies for handling the situation are being put into place by the ARRL and the FCC.

"While ARRL knew that there was the possibility of additional repeaters being added in the follow-up list of those requiring mitigation, we are surprised by the large number of additions to the list," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "After our discussions with FCC officials, they are becoming actively involved in ensuring that the correct repeaters have been identified and that the mitigation being required is what is actually needed to resolve the ongoing problem in each case."

Henderson continued: "From the discussions with the Air Force, it is clear that the PAVE PAWS issue is going to be a continuing process. The ARRL needs to be involved since there can be additional repeaters identified as the Department of Defense continues testing at their radar sites."

To expedite any new mitigation actions needed due to the enlarged list, the FCC has now taken on the lead role of making initial contact with the owners of these newly identified repeaters. "The FCC has asked the ARRL to continue its work of aiding affected repeater owners with suggested mitigation actions," Henderson stated. "However, since any mandatory enforcement action would have to come from the FCC, it makes sense for them to take the lead at this point in time."

The ARRL will continue to provide information to individual repeater owners on specific mitigation techniques as well as information to the general amateur population. "We are committed to continuing to work with the Department of Defense, FCC and the Amateur Radio community to meet the amateurs' responsibilities as secondary users. But we are not an enforcement agency. Our goal is to ensure that the impact on amateurs in the 70 cm band is the least possible, consistent with those responsibilities," Henderson said. MMA teleconference was held between representatives of the DoD, FCC and ARRL on Thursday, January 17 to assess the status of the repeaters on the initial DoD list, as well as discuss the strategies for working with repeater owners on the new, second, follow-up DoD list as quickly as possible.

During this conference call, Riley

Hollingsworth of the FCC confirmed he had been in contact with repeater owners from the first DoD list who had not indicated their compliance with mitigation numbers provided by the ARRL in early Fall 2007. Hollingsworth reported he has had a positive response from each owner with whom he had spoken so far. There were several who had to be contacted via regular mail (instead of e-mail or telephone) who have not yet responded.

Hollingsworth also planned to start making contact with the owners of repeaters on the second list and begin the process towards amateur compliance within a short period of time. "Once a repeater owner has been contacted, the ARRL is ready to support their efforts in meeting the mitigation requirement," said Ed Hare, W1RFI, ARRL Laboratory Manager.

ARRL General Counsel Chris Imlay, W3KD, pointed out that any specific enforcement action or shut-down order from the FCC involving amateurs also provides for due process in those proceedings. He emphasized that even though amateurs have a secondary allocation status in the band, the DoD has the burden of proving that specific repeaters are causing harmful interference on a case-by-case basis.

CALIFORNIA DEPARTMENT OF MOTOR VEHICLE NEW POLICY ADD A SPACE IN HAM RADIO CALLSIGN LICENSE PLATES

To report ham license plates you have been issued with a SPACE or, to support the effort to remove the space email, Cliff WW6CC@arrl.net Check out the websote www.NoSpaceJa,Plates.blogspot.com

[ftp://ftp.arnesline.org/quincy/News/news.mp3](http://ftp.arnesline.org/quincy/News/news.mp3) VANITY PLATES: CALIFORNIA GOES STRANGE. If you live in California, have a four or five character callsign and apply for call letter license plates, you will be in for a surprise when they arrive. That's because the manufacturing process is designed for six digit plates and

you will likely find that the state has inserted a blank space after the third character. According to Cliff Cheng, WW6CC, he found out the hard way when he got his new call and applied for new plates. When he got them they read WW6 space CC. In the past when applying for California ham plates you could request that the Department of Motor Vehicles run the suffix together without the space. Now that alternative has gone away. Curious as to when the option disappeared, Cliff contacted State Assemblyman Mike Feur's aide Josh Englander. He told WW6CC that this is a new policy as of a month ago. (WW6CC) If you have questions or concerns regarding your Amateur Radio (HAM) license plates, please call Customer Communications at (916) 657-6560.

CALENDAR

Council Meeting - 1st Wednesday of the month
Call Joe - WB6MYD (310) 328-0817

Club Meeting - 3rd Thursday of the month
February 21, 2008 7:00 p.m.
Torrance Memorial Medical Center
West Tower 2nd Floor Room "B"

Palos Verdes School District

EMERGENCY NET
1st Tuesday of the month
09:30 Hours on the W6SBA repeater

TRW Swap Meet - Saturday, February 23, 2008
7:00 a.m. - 11:00 a.m.

VE Session - February 9, 2008
Health Conference Center Room 2

LA MARATHON - Sunday, March 2, 2008
Register to volunteer

B2V (Baker to Vegas) Saturday April 19-Sunday 20
Call Joe if you can come and work this Relay Race event.

Field Day June 28 and 29
Antenna set up Friday June 27

CLUB SERVICES

VHF Awards Manager	Cliff - K6LH
Swap Meet Chair	
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Web Master	Alex - KD6LPA
Editor	Mary - KE6BBK
Proofreader	Ruth Kain

South Bay Amateur Radio Club Net

224.38 MHz ·PL - 192.8 Hz Offset 1.6 MHz
7:00 p.m. Thursday Evenings

NEWSLETTER SUBMISSION

South Bay Amateur Radio Club
P.O. Box 536
Torrance, CA 90508
W6SBA@arrl.net
Website: <http://www.w6sba.org>



South Bay Amateur Radio Club
Post Office Box 536
Torrance, CA 90508-0536

W6SBA

A COMMUNITY SERVICE ORGANIZATION

Address Correction Requested

TO: