



Founded 1933



PACIFICON 2010 Is Coming Soon!

Ham Radio Convention Returns to the San Francisco Bay Area October 15-17, 2010, San Ramon Marriott Hotel San Ramon, California For Event Schedules, Latest Updates and Ticket Sales go to: www.PACIFICON.org

Call the Marriott Hotel Reservations Desk at 1-800-228-9290 before October 1, 2010, to ask for the special PACIFICON rate of \$90/night.

PACIFICON 2010 Events

Include:

- ** Friday All-Day Antenna Seminar
- ** Friday Legal Seminar
- ** Friday Evening Open MDARC Meeting
- ** Saturday Keynote Breakfast & Evening Banquet
- ** Outstanding Tech Forums
- ** Ham Equipment Exhibitors
- ** Great Swap Meet
- ** Daily Radio Prize Drawings
- ** ARRL Forum
- ** Transmitter Hunt
- ** ATV Activities
- ** HFpack Activities
- ** Ham License Exams
- ** Saturday All-Day Technician License Class
- ** Boy Scout JOTA

MARS Website at W6SG.NET
Phone 415-389-6630
For ARRL SF Section news, go to
www.arrl.org/sections/?sect=SF

POBox 6423, San Rafael, 93903

MARS Picnic Sunday 12 September
At Sam Taylor Park

From Jerry WA6BXV
For the QSA-5 news letter: Grant Pritchard KK6JJ who is the Chief Marin County Sheriff's RACES Officer, and a MARS member, will give a talk with a Power Point presentation on our Marin County Emergency communications at the August 6th Friday evening MARS meeting.

"The coldest winter I ever spent was a summer in San Francisco."
Unknown.

A great quote but it wasn't Mark Twain who was responsible for it.

Here's another of unknown source: "The coldest winter I ever spent was a night game at the 'Stick' in July!"

Could Herb Caen have said that?

For those who missed the contest between Morse and texting on the Jay Leno show, here's a site that has it:

<http://www.lildobe.net/gallery2/v/video/leno.flv.html>

Board Meeting, 8 July 2010

President Curtis WA6UDS called the meeting to order at 1930 hrs. Other board members present were Rich W6UDS, Phil K6PHD, Norm WA6CLK, John KE6ORI, Dave KG6TCJ, Jerry WA6BXV, Doug KF6AKU, Matt K6OHD and Augie KØCQL. The agenda was approved but the Treasurer's report was tabled to next month.

Randy KA6BQF gave an update on public service events.

Tech committee reported an amp is to be installed for the repeater on Big Rock and the reported noise on the repeater on Mt Tam is gone.

Some problems on the comm. truck have been taken care of but there are still leaky seals in the tower.

Volunteer Examiners are needed for tests in November. Rich W6UDS reported on leadership changes at RACES. Rich and Jerry are doing antenna work at the Marin County jail.

Rich also reported on the latest grant for the club, a \$10,000.00 donation from the Donner Foundation. This will help to repair a major leak in the club's rear deck.

Field day was a success. Working with REDXA, we had one of our top scores. A special thank you to Marilyn N6VAW and Dave KG6TCJ for their outstanding help in providing the food. Dave won't be cooking for Field Day 2011 so we'll be looking for a short order cook in June.

Possible speakers were proposed for future General meetings.

Prescriptive easement signs for our rear property will soon be placed.

Antenna work for the club stations will be started soon. Future payment of dues on-line was approved. The purchase of internet access for the club house will be looked into, prices, etc. The Web site has been up-dated. Next page, column one

There was a discussion on having advertising in QSA-5. The board will look into the pros and cons. Doug will chair the review.

There was also a discussion on the merits of selling club T-shirts, etc. A survey of club members will be taken. Matt will look into high schoolers getting involved in club station contests.

The meeting was adjourned at 2045 hrs. Submitted by Norm Baetz , Secretary.

Shortly after the July issue of QSA-5 went out, this reply was received, due to an error in the Board of Directors meeting minutes:

Hi,
I see assets of \$45 million! Wow, we can really have a party!!!

Mike AD6YB
"As of June the club’s assets were at \$ 45,462,69.00."

PS -- even if the commas are in the wrong places, that's \$4.5 million! - Mike

Michael Von der Porten
mikevdpca@aim.com

Apologies to the MARS member who sent this in. It lay buried for several months.

A reward of 500 microfarads is offered for information leading to the arrest and conviction of Hopalong Capacity. This unrectified criminal escaped from a western primary cell where he had been clamped in ions awaiting the gauss chamber. He is charged with the induction of an 18 turn coil named Milly Henry who was found choked and robbed of valuable joules. He is armed with a carbon rod and is a potential killer. Capacity is also charged with driving D. C. Motor over the Wheatstone Bridge and refusing to let the band pass.

If encountered, he may offer series resistance. The Electromotive Force spent the night searching for him in a magnetic field where he had gone to earth. They had no success and believed that he had returned ohm via a short circuit.

He was last seen riding a kilocycle with his friend Eddy Current who was playing a harmonic.

K6GWE Repeaters
Big Rock Ridge 147.330 +
2 meters INPUTS
pl 203.5 Big Rock
pl 179.9 Mt. Tam west
pl 167.9 Mt. Barnabe
pl 192.8 Tiburon
San Pedro Ridge 147.330 +
pl 173.8 off-line - reserve status.
Mt. Tamalpais 146.700 -
pl 179.9 Mt. Tam input
440
San Pedro Ridge
443.525 + pl 82.5
Mt.Tamalpais
443.250 + pl 179.9

MARS Sunday morning check-ins are held at **10:00 on 3915kc** for HFers and at **10:15 on the 147.330 repeater** for all members and guests. Those members who are suffering from hangovers, are out of town or have a better thing or two to do on Sunday mornings are excused.

[I met a fairy today who granted me one wish.](#)
["I want to live forever," I said.](#)
["Sorry," said the fairy, "I'm not allowed to grant wishes like that."](#)
["Fine," I said, "I want to die when England wins the World Cup."](#)
["You crafty bastard!" said the fairy.](#)

FCC Rules that Amateurs May Participate in Non-Government-Sponsored Drills by Employers

In a *Report and Order (R&O)* released Wednesday, July 14, the FCC stated that under new guidelines, **amateurs employed by non-governmental agencies, such as hospitals,** may participate and operate in drills sponsored by their employer. **Specifically, the FCC will now permit Amateur Radio operators "to transmit messages, under certain limited circumstances, during either government-sponsored or non-government sponsored emergency and disaster preparedness drills, regardless of whether the operators are employees of entities participating in the drill."** More information will be posted on the ARRL Web site.

[THE WAYBACK MACHINE ISSUE #29](#)
[by Bill Continelli, W2XOY](#)
[reprinted with permission.](#)

Picture the following scenario, in a slightly grainy black and white for added effect. It's the 1950s; a ham is sitting at his station, having a CW QSO. He's wearing a suit and tie, before him is a Hammarlund receiver, a Johnson Viking transmitter, and a homebrew Viking modulator. On the wall are QSL cards and his Honorable Discharge Certificate. On the table is a collection of QST magazines, along with some curious pamphlets, with titles such as "Protect Them--Join Civil Defense", "America Calling--Take Your Place in Civil Defense", "It CAN Happen Here", "Know the Signals", and even a comic book featuring a character called "Bert the Turtle". While the Vibroplex clicks away, another radio sits in the background, quietly spitting out atmospheric noise. It's an AM Broadcast receiver, one of those 5 tube AC/DC models produced by the millions. This unit--an Arvin in an Art Deco plastic cabinet--is tuned to one of two triangular markings on the dial. Suddenly, the silence is shattered by a piercing 1000 cycle tone. The ham looks up, rips off his headphones, and listens to a message. He jumps from the chair, runs to the door and yells to his wife "Grab the kids and go down to the Fallout Shelter. The CONELRAD alarm just went off".

CONELRAD, which stood for "Control of Electromagnetic Radiations", had its embryonic start in December, 1951 when President Harry Truman signed an Executive Order directing the FCC to set up a security system for all civilian radio services. Throughout 1952, CONELRAD was developed and tested and, by early 1953, it was ready. The purpose of CONELRAD was to relay Civil Defense information to the public without allowing enemy aircraft to use our radio signals as a beacon for their direction finding equipment. In the event of an emergency, all FM, TV and most AM stations would proceed with the following alarm sequence:

>>CURRENT PROGRAMMING DISCONTINUED.
 >>5 SECONDS-CARRIER OFF THE AIR
 >>5 SECONDS-UNMODULATED CARRIER
 >>5 SECONDS-CARRIER OFF THE AIR
 >>15 SECONDS-1000 CYCLE MODULATED CARRIER
 >>1 MINUTE MAXIMUM-INITIAL CONELRAD MESSAGE
 >>CARRIER OFF THE AIR FOR THE DURATION OF THE ALERT.

The remaining AM stations would shift to either 640 or 1240 kc and simultaneously broadcast a more detailed emergency message. The stations would constantly turn their carriers on and off. For example, Station A, operating on 640 kc, would broadcast the emergency message for 15 seconds and suddenly cut its carrier. The public would then hear Station B, also on 640 kc, with the same message. When Station B went silent, Station C would appear and, after a few seconds, Station A would be back on the air. This "cluster pattern" would continue until the emergency message had been broadcast. The same activity would be happening on 1240 kc. No call signs or other ID would be given. In this way, the FCC and the Office of Civil Defense hoped to confuse enemy aircraft trying to use AM radio stations as a homing beacon.

The ARRL and the FCC realized that amateur stations might also serve as a beacon. Therefore, from the beginning, amateurs were urged to keep watch on 640 or 1240 kc, and to kill their transmitters when the alarm was given.

With the importance of CONELRAD in the early 1950's, it's surprising that amateurs were not required to monitor for the CONELRAD alarm. This was rectified on January 2, 1957 when the FCC amended Part 12 of the Rules and Regulations to require the following:

* All operators of stations in the Amateur Radio Service will be responsible for the reception of the CONELRAD RADIO ALERT by monitoring 640 or 1240 kc.

* During a CONELRAD RADIO ALERT, all operators of

Column two.

Amateur Radio Stations will CEASE COMMUNICATIONS IMMEDIATELY.

* Stations operating under the Radio Amateur Civil Emergency Service (RACES), and other stations specifically authorized, would be allowed to remain on the air under the following restrictions:

- a) No transmission shall be made unless it is of extreme emergency, affecting the National Safety, or the Safety of life and property;
- b) Transmissions shall be as short as possible;
- c) No station identification or location shall be given. Tactical calls will be utilized if necessary.
- d) The radio station carrier shall be discontinued during periods of no message transmission.

* Amateur Stations shall not be allowed back on the air until the CONELRAD RADIO ALL CLEAR MESSAGE is transmitted.

With the requirement of continuous Broadcast Band monitoring, homebrew projects, kits, and commercial products began to appear to help the Amateur keep in compliance with Part 12.190. While some Amateurs simply used an AM radio, others bought or built specific CONELRAD receivers. Heathkit had the CA-1 CONELRAD Alarm; Morrow Radio had the CM-1 CONELRAD Monitor; and the Walter Ashe Radio Co. had the model CA "Conelarm". Radio Shack's first transistor radio, which sold for a mere \$29.95 in 1958 dollars, was advertised as "perfect for monitoring CONELRAD".

When Class D CB Radio was authorized in September, 1958, the rules specified that CBers also had to monitor CONELRAD. In the event of an emergency, all Citizen Band operators had to leave the air--there was no RACES provision for them.

By the early 1960's, the possibility of long range enemy bombers homing in on our radio signals was becoming remote. Instead, Intercontinental Ballistic Missiles were the new threat. They didn't require our broadcast signals as Beacons.

Column three.

CONELRAD was becoming obsolete. Thus, in the autumn of 1962, CONELRAD was replaced by the Emergency Broadcast System. Ironically, CONELRAD disappeared right around the time it might have been needed the most--the Cuban Missile Crisis.

As the 1960's wore on, the Cold War gradually dissipated, and the Specter of imminent enemy attack disappeared. Today, only the faded "Fallout Shelter" signs, and those triangular markings on old AM radios remain to remind us of CONELRAD and the Cold War. As I write this, I can hear a Springfield Mass station on 640 kHz, while a heterodyne of Class 4 stations co-mingles on 1240. And yet, what is that I hear, faintly in the background?? A 1000 cycle tone?? Join us for the next edition of the Way-back Machine.

All material Copyright © 2002 by William Continelli, W2XOY
 All Rights Reserved

**Items for sale.
 SOLD**

Burglary Prevention. Definitely worth the read:

http://www.urbachletter.com/Archive/Safety_1003_BurglaryPrevention.htm

And forget that electronic dog barker. They don't fool burglars.

Space filler.



This should say GO AWAY, BEARS! Bear-proof, so far, we're told, garbage can holder at Tahoe. Owner is a Cal grad.

California v. Arizona

California:

The Governor of California is jogging with his dog along a nature trail. A coyote jumps out, bites the Governor and attacks his dog.

1. The Governor starts to intervene, but reflects upon the movie "Bambi" and then realizes he should stop; the coyote is only doing what is natural.
2. He calls animal control. Animal Control captures coyote and bills the State \$200 testing it for diseases and \$500 for relocating it.
3. He calls a veterinarian. The vet collects the dead dog and bills the State \$200 testing it for diseases.
4. The Governor goes to hospital and spends \$3,500 getting checked for diseases from the coyote and on getting his bite wound bandaged.
5. The running trail gets shut down for 6 months while Fish & Game conducts a \$100,000 survey to make sure the area is free of dangerous animals.
6. The Governor spends \$50,000 in state funds implementing a "coyote awareness" program for residents of the area.
7. The State Legislature spends \$2 million to study how to better treat rabies and how to permanently eradicate the disease throughout the world.
8. The Governor's security agent is fired for not stopping the attack somehow and for letting the Governor attempt to intervene.
9. Additional cost to State of California : \$75,000 to hire and train a new security agent with additional special training re: the nature of coyotes.
10. PETA protests the coyote's relocation and files suit against the State. (People Eating Tasty Animals?)

Arizona:

The Governor of Arizona is jogging with her dog along a nature trail. A coyote, a legal immigrant from Sweden but with a nasty disposition not evident at the point of entry, yumps out and attempts to attack her dog.

1. The Governor is quicker than the coyote and shoots it with her State-issued pistol and keeps jogging. The Governor has spent \$0.50 on a .45 cal. ACP, lead-free—she doesn't want to poison the buzzards—hollow point cartridge.
2. The Buzzards eat the remaining bits of the dead coyote, several already bite-sized.

And that's why California is broke.

Leftover space. You could have had your name here for a buck.

Here's one of the youngest DIPSEA runners this June, top of Cardiac.

No connection between the two pics. They're of sites over 200 miles and several days apart. Same camera. Can you figure out the location of the sign?



2010

**Marin Amateur Radio Society
Public Service Events
Volunteer Sign-ups
#30—July 27 version**

Not responsible for errors in call signs

Saturday, August 7 Marin Century/Mt. Tam DC Ride 4:30am – 11pm 25 needed

1. Randy Jenkins KA6BQF L Net
2. Michael Fischer K6MLF L Santos
3. Don Engler KI6MPE L Nicasio
4. Dave Hodgson KG6TCJ XXXXL Santos
5. Doug Slusher KF6AKU XXXL Mesa Rd.
6. Phil Dunlap K6PHD XL Rock Springs & SAG Save me some bananas at Santos.
7. Kevin Lockley KJ6FAU L sag
8. Andrew Raike KE6HID (APRS KE6HID-9) XL Sag
9. Rita Brenden KG6WPN XL Nicasio
10. Edwin Hill K6KUV (patrol w/ APRS) XL
11. Chris Wong N6JGC L Valley Ford
12. Stanton Gleason KD6SWU XL Coleman Loop
13. Texx Woodworth KG6ATH L Sag Ride Along
14. Horst Dannecker KA6BHZ XL Petaluma
15. Doug Wentworth KE6UMU XL Valley Ford
16. Seth Bromberger KI6KNN Net Control L
17. Chris Quirk W6CJQ XL Sag
18. Richard Skaff KI6RIQ AM Net Control L
19. John Wood N6JDW XXL Petaluma
20. Bob Bowling K6ZLG XL Nicasio
21. Dave Estes KJ6DLD (sag)
22. Mathison Ott KJ6DZB XL Nicasio
23. Matt Schallock K6OHD L Pine Mtn.
24. Jerry Foster WA6BXV XL Walker Ranch
25. Stan Barbarich NØPS XXL Walker Ranch
26. Lea Kreutzkampf KI6NOO L Petaluma
27. Joshua Villyard N6TZF 2XL Nicasio
28. John Boyd KE6ORI XL Net
29. Sutter Laird KI6ZON L Sag
30. Donald Laird WE4MOO XL Sag
31. ?Peter Cooke KG6OUE? XL
32. ?Bob Vasser KG6HBW? XL
33. –
34. –
35. –
36. –
- 37.

Saturday, August 21 Holstein 100 Ride 6:30 am – 6pm 20 needed

1. Randy Jenkins KA6BQF
2. Michael Fischer K6MLF (Laguna School)
3. Don Engler KI6MPE
4. Dave Hodgson KG6TCJ (Net Control)
5. Doug Slusher KF6AKU
6. Stanton Gleason KD6SWU
7. Peter Otis KI6SZF
8. Stan Barbarich NØPS
9. Phil Dunlap K6PHD
10. Lea Kreutzkampf KI6NOO
11. Matt Schallock – K6OHD
12. Keith Nowell – KI6VLY (Riding)
13. Linda Nowell – KI6VLX (Riding) Sag PM
14. Jan Hobbel – NI6B
15. Rita Brenden – KG6WPN
16. John Hefler – K7SYH
17. Frank Fox – WA6KGD
18. Horst Dannecker KA6BHZ
19. John Boyd KE6ORI
20. ? Chris Wong? N6JGC
21. ?Texx Woodworth? KG6ATH
22. Burleigh Cooper WY3S
23. Janice McOmer KD6NWI
24. ?Chuck Gompertz?
25. ?Andrew Raike?

Sunday, September 26 Breast Cancer Fund's Peak Hike 8am – 5pm 8 needed

1. Randy Jenkins KA6BQF
2. Michael Fischer K6MLF
3. Don Engler KI6MPE
4. Dave Hodgson KG6TCJ
5. Doug Slusher KF6AKU
6. Don Magdanz KI6MZX
7. Stanton Gleason KD6SWU
8. John Rabold KS6M
9. –

Saturday, October 2 Dolphin Club Escape from Alcatraz 10am – 5pm 8 needed

1. Randy Jenkins KA6BQF
2. Stanton Gleason KD6SWU
3. Don Engler KI6MPE
4. Dave Hodgson KG6TCJ (Old Mill Park)
5. Doug Slusher KF6AKU
6. Rita Brenden KG6WPN
7. Matt Schallock K6OHD
8. –

Saturday, October 2 Zero Breast Cancer hike 9am-noon

- 1, Dave Hodgson KD6TCJ Old Mill Park
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Hi All

Our scheduled Dedicated Day of Operation took place aboard the USS Pampanito, SS-383, on Saturday, July 10, 2010. The radio operators participating in the DDO were Michael Fischer, K6MLF, myself, and guest operator, Larry Bernard, KG6VOM.

Radio propagation conditions were not the best, but Michael and Larry made quite a number of contacts on 40 meter SSB. Our guest operator, Larry, KG6VOM, made 20 QSOs and did a great job! While Michael and Larry were operating our station, NJ6VT, I spent nearly all my time working on a log summary sheet to send the Battleship USS New Jersey, NJ2BB, for the "Museum Ships on the Air Special Event" that took place on the boat in June. Visitor traffic was heavy at times with lots of visitors from Denmark, Norway, Australia, Switzerland, and Holland aboard. We also had a visit from a gal from Norway who is currently a R/O aboard a Norwegian submarine - call sign LBAU. She thought that the Pampanito had more room inside than the boat she is on! Apparently, the radio shack in her boat has only room enough for one R/O.

Our next DDO is scheduled for August 14, 2010 aboard the Pampanito. Let me know if you will be able to participate in this DDO. Thanks!

[\(The Pampanito ARC can use a few more members who can then get a badge almost like this one.](#)

73, Den Regan, K6ZJU

CO Pampanito A.R.C. NJ6VT

USS Pampanito, SS-383

Pier 45, Shed A

San Francisco 94311

cc: Aaron Washington, Ship's Manager

Diane Cooper, Museum Curator

Denice Stoops, Chief R/O, Jeremiah O'Brien, KXCH

William McCollum, Radio Operator, USS Pampanito WW-II

Got a little clumsy with Photoshop. ed.)



First we wish to thank everyone who has volunteered for one of the PubServ events in Marin this year. The response has been great. We are recruiting volunteers for the 2010 Holstein 100 bike ride on Saturday, August 21. This event is sponsored by and benefits the West Marin Senior Center. The ride covers roads in western Marin County and southwestern Sonoma County. It's always a good event.

[\(Assume lunch provided as in past years. Start/finish and reporting point is Tomales High School, less than half a mile east of the junction of California Hwy 1 and the Petaluma-Tomales road. A left turn and up a long driveway.](#)

For those of you who have already signed up, or would like to, please let us know if you would like a particular assignment.

Rest stop communicators, SAG communicators and Net Control operators are needed. SAG drivers are also needed. Please contact me or Michael Fischer, K6MLF, to volunteer.

Thanks,

Randy Jenkins, KA6BQF ka6bqf@arrl.net

510 526.4089

VE Liaison & Public Service Co-Coordinator

Michael Fischer, K6MLF fischer@igc.org

Public Service Co-Coordinator

Marin Amateur Radio Society www.w6sg.net



QSA-5 August 2010

General Membership Meeting is held on the first Friday of each month at Alto District Clubhouse at 27 Shell Road in Mill Valley, starting at 7:30 PM. Come a little early for pizza or whatever. Turn right at the first stop light west off hwy 101 from the Mill Valley/Tiburon exit. Angle right at next stop sign, then turn left at next street, Shell Road. We are in a two story building, second from the corner on the left directly under the power lines. Don't worry, they haven't fallen on us, yet.

Business/Board Meeting meets at the Alto District Clubhouse in Mill Valley on the second Thursday at 7:30 PM. Members are encouraged to attend to try to keep the clowns honest.

Sunday morning informal meeting, grinningly called the bible/babble class, meets every Sunday morning at the Alto District Clubhouse in Mill Valley starting at roughly 0800 hours and runs to around 1100 hours +or-. Sometimes we even talk about radio.

The Sunday Emergency nets. Come on down and watch Matt K6OHD do the nets. You could try it yourself, while Matt stands by, and get rid of any mike fright you might have. If at any time you feel a panic attack coming on, Matt will get you thru it.

<p>Marin Amateur Radio Society President: Curtis Ardourel WA6UDS 510-595-3494</p> <p>Vice President: Jerry Foster WA6BXV 892-3829</p> <p>Secretary: Norm Baetz WA6CLK 898-4887</p> <p>Treasurer: Dave Hodgson KG6TCJ 332-1864</p> <p>Additional Board Members: Marilyn Bagshaw N6VAW 479-3136 John Boyd KE6ORI 924-4419 Rich Carbine W6UDS 479-3136 Phil Dunlap K6PHD 491-0318 Matt Schallock K6OHD</p>	<p>Education Chair: Randy?</p> <p>Membership: Dave and Phil</p> <p>VE Liaison: Randy Jenkins KA6BQF 510-526-4089</p> <p>Bldg. Manager Rich Carbine W6UDS 479-3136</p> <p>Trustee for W6SG: Augie Koehler KØCQL</p> <p>Trustee for K6GWE: Doug Slusher KF6AKU</p> <p>Sunday Emergency Nets: Matt Schallock K6OHD</p>	<p>DX Representative of ARRL: Jerry Foster WA6BXV 892-3829</p> <p>WEBMASTER Glenn Meader N1ZKW 987-3948 N1ZKW@ARRL.NET</p> <p>Public Service Event Coordinator Randy Jenkins KA6BQF 510-526-4089</p> <p>ARRL San Francisco Section Mgr. Bill Hillendahl KH6GJV@ARRL.ORG</p> <p>Editor of QSA-5 and Procurer of The Bellywash Phil Dunlap K6PHD 491-0318 K6PHD@ARRL.NET</p>
--	--	--

Marin Amateur Radio Club, Inc.
P. O. Box 6423
San Rafael, CA 94903

Dues structure is: \$25. per year. \$30. for family memberships. No dues are charged for Life or Honorary members.

Stamp

The Mailing
 Address
 Goes Here