
QSA-5

The Marin Amateur Radio Society Monthly Newsletter

Founded 1933

March 2016

Presidents Corner

Challenges and Life Long Learning

This month's message is a reminder of what ham radio is really about. There are many ways of viewing this but recently it dawned on me what I like most about what Amateur radio has to offer. Amateur radio appeals to people for many different reasons. If you ask ten of our members what they like most about ham radio you would probably get ten very different answers. Some would say Contesting, some like Dx'ing or the Public Service events. Maybe Emergency Preparedness is your thing or possibly field events, CW, moon bounce or Satellites. You may like electronics and kit building or maybe you're into old tube radios. And there are many other more esoteric things like the social aspects, mentoring or maybe you just like the free pizza at our monthly meetings. There are dozens more reasons that I could mention, but I think you get the drift and you probably see yourself in at least one of these examples.

Originally I got into Amateur Radio because of my interest in Emergency Preparedness but I would say that while it still interests, me I have begun to understand the true strength of Amateur Radio and why it appeals to so many people. Amateur Radio offers ever new challenges and lifelong learning. As a newer ham and still on my path of discovery this was quite a revelation but I know most all of you discovered this long ago. Sometimes this is easy to forget or we fall into a rut of just doing the same old thing and never reaching out and exploring another avenue of Amateur Radio and discovering your next exciting adventure. No matter how long you have been a ham no one ever knows it all or has done it all because our hobby is always changing and evolving as we do. This

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From the Editor

Ed Essick, K6ELE

Life Long Learning

Last month I decided it was time to stop procrastinating and start studying for my license upgrade to Extra class. I signed up for an online study guide last year and never really started to study for the test. The Extra pool has 750 questions and covers a wide range of ham information.

I have been a computer educator all of my life and learning something new has always part of the job. So I setup a study plan and each day during February I spent about one hour each day studying. I used the ARRL Extra license manual and HamTest Online. The HamTest Online process presents questions from the test pool with links to study the subject of the question. This along with the ARRL Extra license manual helped me to prepare for the test in five weeks.

The club had a VE testing session scheduled for March 6th. Our club president Tom, W6MTS, Jamie, KK6OLF, Randy, KA6BQF, and Mel, AB6QM were the session VE's. I took my test along with eight other people who showed up to test for a license.

Now as an Extra I am enjoying the benefit of working the DX stations that mainly frequent the Extra portions of the bands. This paid off for during the CQ WW WPX SSB contest on March 26th and 27th as I worked most of my DX contacts in the Extra portion of the bands.

Check out the Club Member News in this issue to see how other members of our club are learning and doing something new in ham radio.

What's Happening in Radio

On the Air

ARRL News

Club Member News

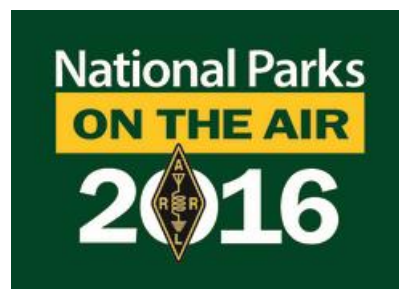
Public Service

Guest Speaker List 2016

Pampanito Report

Membership Meeting Minutes

Board Minutes



month I would like to challenge every one of our members to try something new, explore an aspect of Amateur Radio that you don't know anything about. Learn something new, build something, teach something, mentor someone, try public service or help with field day. Get outside of your everyday experience and challenge yourself. Even if it is just getting back to the basics and really learning why you started amateur radio in the first place. Keep exploring and growing in our hobby and it will continue to thrive and grow with us.

Tom Soskin
W6MTS

Guest Speakers 2016

4/1/2016 - Richard Dillman - Marconi / KPH history
5/6/2016 - Kenneth Finnegan W6KWF - Wildflower Triathlon
6/3/2016 - Edison Fong - Tri-band J-pole
8/5/2016 - David Messerschmitt - Interstellar Communication

Club Member News

Report by Mike Ransom, AI6II on a Sunday "Bible" class at the club house.

David, AA6AE brought in his ailing Swan 240, and Rich and I brought in a collection of tools and meters. A guest Jan, WB6SPX who is a retired Merchant Marine radio operator was there as well as Francis, WA6TFP and Jack, WA6JYU. I brought in my tube tester and Jack spent most of the two plus hours testing a bunch of his tubes. Brett, K6BPS hooked up a coax patch cable from the W6SG station antenna and Michael, K6MLF provided donuts (although he was there for the Education Committee meeting.)

Long story short, with the able assistance of Jan, Francis and Rich, the Swan's sudden inability to receive (according to David, he turned it on one evening and it just failed to receive any signals) was traced to a burned up 22Kohm 1 watt resistor due to a failed tube in the receiver RF circuit. David drove off to the Corte Madera Radio Shack and returned with three sets of 1/2 watt resistors which would make the necessary 22K ohms in some combination. Two 47K ohm resistors were selected to be wired in parallel to produce the required resistance, and Jan instructed David on performing the soldering using the iron that Rich had provided. The failed tube was replaced by one of Jack's stock and vola, the Swan was back to receiving signals as it was supposed to.

In the process David learned that the Swan had been completely recapped and was for all intents and purposes a really nice and capable transceiver that would last the rest of his life and more. It was his first foray into vintage rig repair and his first soldering experience since the 1970's. Kool! And this all start off with an email David sent me asking where he should send his broken Swan to get it fixed. I told him to bring it by the club on Sunday for us to take a look at it first.

Which now has led us to the idea to devote one Sunday in three to 'Rig Repair Session Sunday'. We can work on anyone's ailing rig, especially the tube types, and capitalize on the expertise Francis, Jack and other have to offer, while teaching troubleshooting techniques to those of us who have limited experience. In fact we may be able to work on some of the old rigs the club has received a donations sitting quietly on the tables there. Could be a lot of fun.

On The Air

Contest Calendar

SP DX Contest 1500Z, Apr 2 to 1500Z, Apr 3
EA RTTY Contest 1600Z, Apr 2 to 1600Z, Apr 3
Georgia QSO Party 1800Z, Apr 9 to 0359Z, Apr 10 and 1400Z-2359Z, Apr 10
Michigan QSO Party 1600Z, Apr 16 to 0400Z, Apr 17
ARRL Rookie Roundup, SSB 1800Z-2359Z, Apr 17
10-10 Int. Spring Contest, Digital 0001Z, Apr 23 to 2359Z, Apr 24

See complete list at:

<http://www.hornucopia.com/contestcal/index.html>

ARRL News

The Original Elmer "Bud" Frohardt Jr, W9DY, SK

The ham radio mentor who inspired the term "Elmer" -- Elmer P. "Bud" Frohardt Jr, W9DY (ex-W9GFF), of Madison, Wisconsin -- died on March 22. He was 93. A friend and co-worker of the late Rod Newkirk, W9BRD (later VA3ZBB), who edited *QST's* "How's DX?" column, Frohardt was the "Elmer" that Newkirk had in mind when he used the name in his March 1971 column, referring to someone who helped to mentor new Amateur Radio licensees.

Reprinted with permission of ARRL Newsletter, 3/31/16

US Amateur Radio Numbers Continue to Soar

Amateur Radio is alive and well! Growth in the US continued in 2015, with a record 735,405 licensees in the FCC's Universal Licensing System (ULS) database by the end of the year. That's up 9130 over December 2014, a 1.2 percent rise, continuing a steady increase in the US Amateur Radio population in every year since 2007. In 2014, the ranks grew by a net 8149 licensees. The figures, compiled by ARRL Pacific Section Manager-elect Joe Speroni, AH0A, on his FCC Amateur Radio Statistics web pages, exclude expired licenses within the 2-year grace period and club station licenses. Over the past 10 years, the Amateur Radio population in the US has expanded by 72,805 licensees -- or nearly 11 percent.

Year	Ending Month	Extra	Advanced	General	Tech	Novice	Total
2015	Dec	139,901	48,155	172,603	363,806	10,940	735,405
2014	Dec	136,405	51,069	169,524	357,236	12,041	726,275

As expected, the biggest growth by license class was in Technician licensees, which rose by 6570 in 2015. Technician licensees still comprise a little less than one-half of the US Amateur Radio population. General ranks increased by 3079, and Amateur Extra numbers went up by 3496.

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As a sidebar to this great demonstration of ham comradery you should have seen the animated conversation Francis and Jan got into after the rig was repaired. Francis was in the Signal Corps and had a lot in common with Jan the Merchant Mariner. It was fun to see them reminisce about their shared past experiences although they had never met before.

As I said, it was very cool meeting and we hope to have started another new feature for the club.

A note from David, AA6AE

Mike you left out how everybody cheered and clapped when sweet CW tones came out of the receiver. It was like my 4th grade classroom when we were watching the Apollo 13 landing on a black and white TV.

The resistor was so thoroughly burned in half! Listening to Jack talk about how tubes short out jarred a memory. I heard the receiver crackle and pop went it went silent-but I thought it was QRM. That was the morning when I missed check in because of the time change. Thanks for everybody's help.

Member Jokes

"Copper wire was invented when two hams fault over a penny."

Kris Backenstose, KK6AYC

New Club Members

Welcome to Andrew Musselman, KI6UOC

Tom Soskin Our Club President at 3/4/16 Meeting



The 2015 overall numbers faltered a little in April, before rebounding in July. The introduction of a new General class question pool on July 1 appeared to have only a slight effect on month-to-month numbers in that license class. ARRL VEC Manager Maria Somma, AB1FM, said 2015 was another banner year for ARRL VEC-sponsored test sessions.

"For the second year in a row, we have conducted more than 7000 Amateur Radio exam sessions in a year, an important milestone for the ARRL VEC," she said. "A total of 7358 ARRL-sponsored exam sessions were administered in 2015, compared to 7216 in 2014. The number of exam applicants was down slightly in 2015, compared to the previous year, and the number of examination elements administered also dipped slightly, she noted.

"Since 2014 was a record-setting year, the numbers of 2015 examinees didn't drop so much as return to more typical levels," Somma explained.

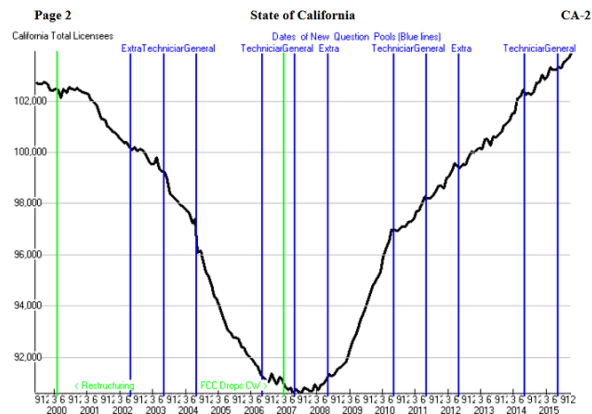
As of December 31, some 47,850 Advanced and 10,800 Novice licensees remained in the FCC database. The FCC no longer issues Advanced and Novice licenses, and their numbers continue to decline.

Reprinted with permission of ARRL Newsletter, 3/3/16

California License Statistics

This chart is courtesy of Joe Speroni who tracks statistics for ham licenses on his web site. The trend on new licenses is up from 2007 when the CW requirement was dropped. His website has report generator that allows you to create graphs based on ARRL divisions and sections.

www.ah0a.org/FCC/index.html



Tom Soskin:

Here is a list from CQ Magazine to get you started:

65 Great Things About Ham Radio

Five years ago, on CQ's 60th anniversary, we ran a feature throughout the year titled "60 Great Things About Ham Radio," in which we listed five "great things" each month. The series was quite popular and we have continued to receive requests to reprint it. So now, in honor of our 65th anniversary, we're repeating the list—with a few updates as well as five more "Great Things About Ham Radio."

1. It works when nothing else does
 2. It makes you part of a worldwide community
 3. The opportunity to help neighbors by providing public service and emergency communications
 4. Some of the nicest people you'll ever meet
 5. Some of the smartest people you'll ever meet
 6. Some of the most interesting people you'll ever meet
 7. Some of the most generous people you'll ever meet (along with some of the cheapest!)
 8. Lifelong friendships
 9. Friends around the world (including those you haven't met yet)
 10. The opportunity to go interesting places you might not otherwise go to
 11. The opportunity to do interesting things you might not otherwise get to do
 12. The opportunity to expand your knowledge of geography
 13. The opportunity to expand your knowledge of earth and space science
 14. Practical uses for high school math
 15. Practical uses for high school physics
 16. A good way to practice a foreign language
 17. A good way to keep in touch with faraway friends and relatives
 18. A good way to get driving directions when visiting someplace new (with or without GPS)
 19. A good way to find the best places to eat when visiting someplace new (with or without GPS)
 20. Finding "non-touristy" off-the-beaten-path places to stay, eat, visit, etc.
 21. A good way to learn about virtually any topic
 22. A good way to bridge the generation gap
 23. A good way to keep tabs on elderly/infirm people
 24. People named Joe (Walsh, Rudi, Taylor)
 25. How many of your non-ham friends have actually talked to someone in some remote place such as Cape Verde or the Seychelles?
 26. How many of your non-ham friends might have talked to an astronaut aboard the space station?
 27. How many of your non-ham neighbors might have a satellite uplink station in their basements—or in the palms of their hands?
 28. How many of your non-ham neighbors might have a TV studio in their garage?
 29. What other hobby group has designed, built, and had launched its own fleet of communication satellites?
 30. Where else can you play with meteors?
 31. Moonbounce
 32. Informal way to improve technical skills
 33. Informal way to improve communication skills
 34. Introduces a variety of career paths
 35. Offers unparalleled opportunities for career networking
 36. Opportunities for competition in contesting and foxhunting
 37. A good way to collect really cool postcards from around the world (despite the growth of electronic confirmations)
 38. Nearly endless variety of different things to do, on and off the air
 39. Hamfests
 40. Dayton
 41. Field Day
 42. Working DX
 43. Being DX
 44. DXpeditions
 45. Contesting
 46. Award-chasing
 47. Double-hop sporadic-E
 48. Worldwide DX on 6 meters (once or twice every 11 years)
- [The current extended sunspot minimum has shown that mechanisms other than F2 propagation can offer intercontinental DX on the "magic band" at any point in the solar cycle.]
49. Tropospheric ducting
 50. Gray-line propagation
 51. TEP, chordal hops, etc.

52. Getting through on CW when nothing else will
53. Unexpected band openings
54. Building your own gear
55. Using gear you've built yourself
56. Operating QRP from some remote location
57. Experimenting with antennas
58. Working DX while mobile or while hiking
59. Experimenting with new modes and new technology
60. The opportunity to help build an internet that doesn't rely on the internet
61. DXing on your HT via IRLP and Echolink
62. Contributing to scientific knowledge about propagation
63. Keeping track of other people's GPS units via APRS
64. Ham radio balloon launches to the edge of space, and as always...
65. Reading CQ!

Permission is hereby granted to reprint this list in amateur radio club newsletters, provided credit is given to CQ magazine. Online editions must include a link to the CQ website, <http://www.cq-amateur-radio.com>.

Public Service Training for Volunteer's

On Saturday April 2nd at 2pm the Marin Amateur Radio Society's clubhouse. This session will be directed principally to relatively new hams who have not yet participated in public service events, or who have joined us in only one or two events so far.

Tips for good communication practice

Marin Amateur Radio Society

Public Service Events

Operating tips:

1. Listen, listen, listen and learn from the tempo, protocol, and style of other operators. If possible, monitor another event prior to the event for which you are volunteering.
2. Think of what you are going to say before pressing PTT. Then keep it short; no rambling.
3. If it doesn't need saying, don't.
4. Keep your voice calm--even if you are not.
5. Press PTT, wait a second before saying anything.
6. Say the station you are calling first, then give your tactical call.
7. Use tactical calls, not your FCC callsign, until the closing.
8. No need to repeat the calls each time during a multi-exchange conversation.
9. Wait two counts before pressing PTT on each exchange (avoid tailgating in order to allow breakers.)
10. If you have urgent traffic, take advantage of those spaces to call "break-break;" then wait for net control to say, "Go ahead, breaker."
11. When finished with traffic in a conversation, then use your callsign in place of, or in addition to, "clear" or "out."
12. When you hear that final signoff, and you have been waiting to contact net control--that's your time to make a call. Do not interrupt a conversation in progress unless you have more urgent traffic.
13. Keep a paper log of your contacts with net control; s/he may later ask something like, "What time did the first sweep transit your rest stop?"
14. When reporting an injury, never use the name of an injured party in order to protect their privacy; use bib numbers or other descriptors.
15. In a controlled net, all traffic should go to (or through) net control; you may "go direct" to another rest stop only after receiving permission from net control to do so.
16. Use common English; avoid the use of "Q" codes.
17. Common "pro-words" are fine: "I say again," "I spell," "all after," "figures," "number-letter group," "roger," "correction," "go ahead," etc.
18. If using an HT: face the repeater input, hold the antenna vertical, don't move your head while transmitting. During initial checkin at the beginning of the event, check your copy with net control to find your best "hot spot."
19. Never turn your radio off, or volume down, to deal with a situation w/o telling net control that you will be away from the net and receiving permission to do so; check back in when you return to the net.

20. Make yourself known and available. Always introduce yourself to the rest stop captain (and medical crew if present) at the beginning of your shift; make a note of his/her/their name(s) for your after-action report.
21. Set up your position at the rest stop so that you can stay informed while staying out of the way. In many cases, this will be close to the rest stop captain or the medical crew. If that is not possible, or if the captain is a roamer, take a set of GMRS radios so that you and s/he are able to contact each other quickly.
22. At the same time, your operating position should be in a relatively quiet location, away from cheering crowds, rock bands, announcement speakers.
23. Make sure the captain knows to require the organization's sweepers to check in with you when they enter the rest stop, and to again check in with you when they depart the rest stop. You would report both times to net control.
24. If you are stationed at net control, there is to be total silence while the net control operator is passing traffic. Any chatting that might happen during a lull is to immediately cease.
25. Arrive at your duty assignment prepared to be self-supporting: food, water, sunscreen, a chair, warm clothing, extra batteries, etc.
26. An after-action report, together with photos, is part of your assignment; make notes to yourself during the event in preparation for your report.

UC Berkeley Trains Hundreds of New Hams It takes an annual "VE Mega-Session" to get them licensed

Michael Fischer, K6MLF

This month, for the third year in a row, scores of Electrical Engineering and Computer Science students crowded into a hall on the UC Berkeley campus to take their exams to become licensed amateur radio operators. To the quiet amusement of each group, the young students were met by almost twenty much older hams, some quite grizzled, in what is billed as the San Francisco Bay Area's "Annual VE Mega-Session."

UC Berkeley professor Michael (Miki) Lustig KK6MRI teaches two ham-related courses for Electrical Engineering/Computer Science undergrads--one lower division titled "hands-on ham" (for sophomores) and one upper division titled "Digital Signal Processing" (for juniors and seniors.) These popular courses are filled quickly on registration day. In addition to the EE/CS students, upper division classmembers include those majoring in mechanical, biological and nuclear engineering, as well.

The "hands-on ham" course objectives are to expose new students to ham radio and to give them an early start in hacking and "making," while the DSP course objectives are "to develop skills for analyzing and synthesizing algorithms and systems that process discrete time signals, with emphasis on realization and implementation." Roger, roger, copy that. I guess. The courses delve into the theoretical applications of digital signal processing, filter design, modulation/demodulation, decoding subcarriers, APRS audio interface techniques, and antenna design. But they also feature hands-on, practical projects that require them to transmit radio frequencies--so the students are motivated, as part of their courses, to become licensed amateur radio operators.

The lower-division students are given Baofeng radios to keep, and are coached in radio protocols. The upper division students are issued higher-end HT's which they may keep if they succeed in passing their General or Extra exams. They make satellite contacts, participate in on-campus Field Day-like activities, practice with small software-designed radio dongles, and stay in touch with each other throughout the semester on a two-meter simplex frequency.

Miki is quick to point out that the two courses would not be possible without the active support of the UC Berkeley W6BB club members including the trustee, Friedrich (Fritz) Sommer K6EE & DL4TT, Club President Jack Burriss K6JEB, Jay Sparks KJ6HSH, Chris Harwood KJ6GLR, and Mathison Ott KJ6DZB as well as support from the EECS department staff Anita Flynn KI6LO and Winthrop Williams KK6KKV.

Sharon Primbsch AA6XZ is the masterful planner, organizer, coordinator and captain of the annual VE Mega-session. Her attention to detail, her pleasant demeanor, and her sparkling-eyed smile are all keys to her ability to recruit at least 20 VEs--and to make sure they all feel needed and have enough fun so they keep coming back, year after year. VEs flock to Berkeley on the evening of the test from the Marin Amateur Radio Society, the San Francisco Radio Club, the East Bay Amateur Radio Club, and others. Sharon also, of course, makes sure that each candidate is fairly and efficiently treated. She is the "supervising officer of the evening," magically materializing to solve problems that are not immediately handled by one of the other VEs.

After registering online beforehand, the students--as many as 85 of them--line up in the hallway outside the Wozniak Lounge and warily enter the room to be greeted by the (equally wary) gang of VEs, with their callsign nameplates and their VE badges around their necks. It's actually quite an entertaining sight to see; the attached photos don't really capture the energy, the tension, the excitement, the befuddlement, and the eventual feeling of relief that flows through the room. The VEs are assigned specific tasks: Traffic cop; Greeter; Moneybags; Booklet VE; Filer; Test Rovers; Fixers; Graders; and Signers.

Each VE position has a set of instructions, so each knows her/his roles and duties. Well, that's almost true; hams can sometimes be an unruly group, as these events can demonstrate. Of course, we hope that fact is lost on the student/candidates. In the end, each is taken by the hand, given their test materials, and told what to do by the appropriate VE.

As they approach the Moneybags and are asked for their photo ID, many of the students produce their international passports--mostly, of course, from the Pacific Rim, our home place on the planet.

The lower-division students are primarily candidates for their Technician license, and virtually all of them pass. Those students are in and out of the room within a half-hour or so. Most of the upper-division students, on the other hand, take at least both Technician and General exams, and a few opt to go all the way to Extra. Those candidates stay in the exam room for two or (in some cases) three hours.

In the latest VE session, given on March 16, there were 63 candidates, who took a total of 78 exams in 2 hours and 15 minutes--1.7 minutes per exam element. The success rate was, as usual, quite high: as a result of the evening's work, there are now 50 new Technicians, 3 new Generals, and 5 new Amateur Extras in six-land. Only one candidate left without a license.

All in all, the excellent courses, and the enthusiasm evident in the students' conversations with each other as they left the room, signed ARRL/FCC Certificates of Successful Completion of Examination in hand, are demonstrations of the vitality and relevance of amateur radio--now and for the future.

USS Pampanito

Our XO, Jerry Foster, WA6BXV, took the Dedicated Day of Operation (DDO) for this last Saturday, March 12, 2016 aboard the USS Pampanito. Also attending was Doug, McCasland, KJ6OYJ who got us up and running on PSK-31 and RTTY. I want to thank both Jerry and Doug for their fine work at NJ6VT !!

We also took delivery of two historical radio messages relayed to the boat from Mike Pulley, WB4ZKA, and Ray, W6RAR on the Big Rock repeater (K6GWE, 146.700 MHz). Both messages are displayed below. Thanks to Mike, WB4ZKA, and Ray, W6RAR, for their effort in continuing to relay historical radio messages from WW-II log of the USS Pampanito!!

By now the USS Pampanito should be in dry dock. Hopefully the boat will return to Pier 45 soon after completion of maintenance work on the hull. In the meantime, we will plan for a DDO for Saturday, April 9th. Let me know if you would like to participate. Thanks!

Jerry's DDO Report follows:

73,

Den Regan, K6ZJU
CO Pampanito A.R.C. NJ6VT
USS Pampanito, SS-383
Pier 45, Shed "A"
San Francisco

Arrived at 11 am local to operate NJ6VT USS Pampanito with very heavy rain. Even though the rain was still off AND ON we still had a good flow of visitors.

At 1110 a.m. got a call on 146.700 repeater from W6RAR San Jose for two Historical radio messages, as follows

FROM W6RAR
VIA 146.700 VHF

#12 ROUTINE CF12

FROM: WB4ZFA CK 17
PEARL HARBOR HAWAII MARCH 6 1945

TO : CAPT PAUL SUMMERS C/O
C/O NJ6VT USS PAMPANITO SS383
SAN FRANCISCO CAL 94133
415 516 5310

BT
VIA 146.700 REPEATER AT 1110L HOURS. SAT

HISTORICAL RADIO EXERCISE 1945 LOG
CONTINUE REPORT ENEMY MINDS POSITIONS BUT DO NOT
STOP TO SINK THEM XRAY

SIG VISE ADMIRAL LOCKWOOD COMSUBPAC

NNNN

#13 ROUTINE CF12

STATION WB4ZFA CK 24
ORG: SOUTH CHINA SEA MARCH 6

TO: CAPT PAUL SUMMER C/O
USS PAMPANITO SS 383 SAN FRANCISCO CAL 94133
510 516 5310

BT
VIA 146.700 REPEATER AT 1100L HOURS.

HISTORICAL RADIO EXERCISE 1945 LOG BE ADVISE WE HAVE 34 BAGS OF MAIL FOR YOU XRAY
RENDEZVOUS AT 0618 N 105 00 E XRAY

SIG CAPT PAUL SIMPSON USS SEA ROBIN SS 407

NNNN

1130 a.m. Doug, KJ6OYJ, arrived and hooked up the new PSK Digital cable to our Yaesu FT 890

We got PSK and RTTY going on the sub! 20m was very good today.

<u>UTC</u>	<u>Call</u>	<u>Name</u>	<u>Loc.</u>	<u>Freq.</u>	<u>Mode</u>
2030	KU5J	Bob,	Artesia NM	14.070	PSK31
2044	K8TOM	Tom,	Monroe WA	" "	" "
2150	N7TMS	Todd,	Rexburg ID	14.083	RTTY

PSK31 xmit pwr was about 30W, RTTY about 50W.

I left the two adapter cables plugged into the back of the Yaesu, with printed instructions.

THANK YOU DOUG! A LOT OF FUN HEARING THE DIGITAL NOISE.

15 METERS WAS WIDE OPEN MADE THREE ADDITIONAL CW CONTACTS AND SECURED OPERATIONS AT
1600 LOCAL. STORED ALL EQUIPMENT FOR SEA WORTHY BECAUSE PAMPANITO IS GOING TO DRY DOCKS
EAST BAY SOON.

FAIR WINDS!
73ES ALL .
JERRY
WA6BXV



General Membership Meeting

Friday, March 04, 2016

The meeting was called to order at 19:30 hrs by President Tom Soskin
A round of introductions was the first order of business. Twenty-seven members or guests were present.
The agenda was adopted as presented.
The minutes of the February 05 General Membership Meeting were approved as published.

President Soskin reported on the actions at the February 11 Board of Director's Meeting.

There were three reports under "Fun with Ham Radio". The USS Pampanito is going into dry dock.

Andrew Musselman, KI6UOC was reported as a new member.

Standing Committee Reports:

Club Station and Facilities: Doug Slusher reported that we will be re-organizing and cleaning up the club station.

Membership: Membership Chairman Curtis Ardourel submitted no report.

Education: Instruction Team Leader Kris Backenstose reported on plans to revive license classes.

Technical / Repeaters: Doug Slusher reported on the remote receiver to be installed at building 402. RF equipment has been ordered.
Cavities will be tuned up.

Other Reports:

Secretary Jenkins reported on correspondence. There was an insurance bill, a usage report from PG&E, renewals, and a QSL card from the School Round-up.

Treasurer Dave Hodgson was not present, and submitted a report for February that reflected \$2975.12 income and \$847.83 expenses. Total cash assets were reported as \$70,012.76.

Public Service – Michael Fischer reported that we had added an event, the Tour de MALT in July. We have scheduled a training session for new public service volunteers for Saturday, April 02.

VE: We have exam session scheduled on Sunday, March 06.

Old business: None.

New Business: None

Good of the Order: ARRL Section Manager Bill Hillendahl made comments on the Amateur Radio Parity Act in congress. Bill also mentioned that VOMARC would be holding their annual hamfest on April 30.

There being no further business, the business meeting was adjourned at 20:13 hrs.

Antonis Papatsaras, AA6PP, presented a program on the Yaesu Digital Fusion repeaters installed in San Francisco.

Respectfully submitted, Randy Jenkins, KA6BQF, Secretary.

The official copy of these minutes shall reside in the secretary's records on file at the corporate office.

Next General Meeting: April 01, 2016 Guest Speaker: Richard Dillman on KPH History

Board of Director's Meeting Minutes

Thursday, March 10, 2016

Board Members present: Tom Soskin, Rita Brenden, August Koehler, Dave Hodgson, Marc Bruvry, Doug Slusher, Cal Anber, and Randy Jenkins. Member John Boyd was also in attendance.

The meeting was called to order by President Tom Soskin at 19:30 hours.

The agenda was approved as amended.

The minutes of the February 11 Board of Director's Meeting were approved as published.

Standing Committee Reports:

Club Station and Facilities: Doug may have the carpets cleaned after the rain stops. Marc Bruvry and Kris Backenstose are in charge of straightening up the Club Station, with consultation with Trustee Augie Koehler.

Membership: Curtis Ardourel was not in attendance, but renewals were reported to be rolling in.

Education – We will be recruiting Discussion Leaders and Elmers. We will begin with a Technician Class. A second follow-up meeting is scheduled for March, 20 at 11:00.

Technical / Repeaters- The new Yeasu Fusion repeater is here and we will install it when the weather dries out.

Other Committee reports:

Communications: Randy reported on a QSL card received for Field Day 2015 and a reply sent out from the ARRL School Round-up. Tom reported on emails received.

Treasurer: Dave submitted reports for January. The report showed \$6,975.12 income and \$847.83 in expenses; and total cash assets of \$74,012.76. It was moved to have Dave pay the total outstanding balance on the insurance bill. AKU/ELE/Pass. Dave also presented a projected 2016 budget, and it was discussed by the Board. The document, as amended, was adopted as a working budget. BQF/VMT/Pass.

Public Service – The schedule is posted on the chalk board and on the website. We have scheduled a training session for new volunteers on April 02, at 2PM.

VE Liaison - The next date is scheduled for Sunday, May 15 at 2:00PM. Tom proposed creating a hand-out or brochure that could be given to testees telling them about our club.

Speakers – Kris and Cal have speakers scheduled through September.

Field Day Committee – Field Day is June 24 – 26. REDX is partnering with MARS again this year. Cal can cook. John Boyd will help. Doug and Marc will head up our effort. A meeting with REDX was proposed for April 30, but that conflicts with another event.

Old Business:

QSL Card – Done.

Transmitter Hunts – No report. Waiting on information.

EBC Tower – Stored in the rear, outside. Randy will ask EBC about their intentions. (Storage was granted for a two year period in May 2014.)

New Business:

Radio Room – Was discussed.

9/24 RACES Drill Conflict – Doug will contact Craig, K6XLT, to discuss any conflict with Waves to Wine operations. RACES may move to one of the UHF repeaters.

BSA Jamboree-on-the-Air (JOTA) occurs October 14, 15, and 16. If we can organize something, we intend to operate from Camp Tamerancho. Randy will add that to the club calendar.

Radio Merit Badge – A source of materials has been located. (KO6NO) At two leaders need be certified as haven taken the BSA youth protection training.

A clarification of the By-Laws was discussed.

Member Rob Rowlands ask permission to occasionally have use of the clubhouse to prepare equipment. As long as it does not conflict with another approved activity, it was approved for a six-month trial period.

There was a reminder that Rita and Randy would be absent for the May, August, and October general membership meetings, and other arrangements for meeting food and taking minutes need to be made.

Next Meeting: Thursday, April 14, 2016

There being no further business, the meeting was adjourned at 21:18 hours.

Randy Jenkins
KA6BQF

Marin Amateur Radio Society W6SG.NET, membership@w6sg.net 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. From highway 101, head west toward Mill Valley on E. Blithedale. Turn right at the first stop light. Stay right at next stop sign, then turn left at next corner, Shell Road. We are in a two story building, second from the corner on the left directly under the power lines.

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.

Sunday morning informal meeting (aka bible class) meets every Sunday morning at the Alto District Clubhouse in Mill Valley starting around 8am and runs to about 11am. Sometimes we even talk about radio.

The Sunday Emergency nets. The K6GWE emergency VHF net check-in is at 10:15 am on 147.700 (-pl 203.5). This is a directed net and the net control station may operate at the club house or at a member location. Members on the net check-in list that do not check in for three consecutive weeks are removed from the list until they reestablish check-in. Any member can sign up to act as the net control station. See the club website for signup instructions. The W6SG emergency HF net check-in is at 9 am on 3.915 Mh.

<p>Marin Amateur Radio Society Officers and Board Members:</p> <p>President Tom Soskin, W6MTS tomsoskin@gmail.com</p> <p>Vice President Kris Bakenstose, KK6AYC</p> <p>Secretary Randy Jenkins KA6BQF 510-526-4089</p> <p>Treasure: Dave Hodgson KG6TCJ 707 978-2560</p> <p>Board Members Cal Anber N6TIA 209-275-5252 Rita Brenden KG6WPN 707-557-5521 Marc Bruvry KF6VNT 492-9292 Howard Leistner, W2BBF Ed Essick K6ELE 456-1715</p> <p>Other Positions:</p> <p>Education Chair Randy Jenkins Kris Backenstose Instruction Team Leader.</p> <p>VE Liaison Randy Jenkins</p> <p>Building Co-Managers Doug Slusher Dave Hodgson</p> <p>Trustee for W6SG Augie Koehler K0CQL</p> <p>Trustee for K6GWE Doug Slusher KF6AKU</p> <p>Sunday Emergency Nets Mark Bruvry and other volunteers</p> <p>DX Representative of ARRL Jerry Foster WA6BXV 892-3829</p>	<p>Public Service Event Coordinators Randy Jenkins KA6BQF 510-526-4089 Rob Rowlands, NZ6J, Michael Fischer, K6MLF</p> <p>Membership Curtis Ardourel, WA6UDS</p> <p>Editor of QSA-5 Ed Essick K6ELE 456-1715 e.essick@comcast.net</p> <p>ARRL San Francisco Section Manager Bill Hillendahl KH6GJV@ARRL.ORG</p> <p>WEBMASTER Glenn Meader N1ZKW 987-3948 N1ZKW@ARRL.NET</p>
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