



The San Fernando Valley Amateur Radio Club

Volume 61 Number 12 December 2015

President's QRM

December Holiday Dinner:
Sunday, December 6th,
At The Knollwood Country Club,
12024 Balboa Blvd.
Granada Hills, CA 91344

From 6:00pm To 10:00pm

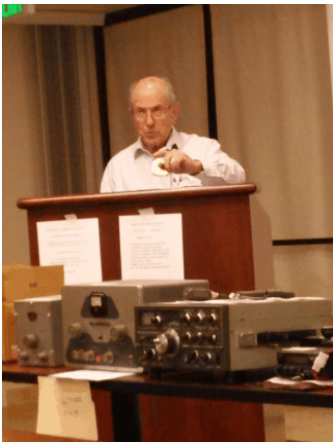
Special thanks to Bill for conducting the elections and Arnie, John, Jack, Rosilyn, and Allan for helping with the auction.

Next **SFVARC Club Meeting**

Friday, January 15
at 7:30pm

Northridge Hospital
Penthouse

18300 Roscoe Blvd,
Northridge, CA 91325



Thanks,
Don, Wg6h

San Fernando Valley
Amateur Radio Club
ARRL Affiliated Club #1684

W6SD

ARRL Special Service Club
P.O. Box 280517
Northridge, CA 91328

The San Fernando Valley Amateur Radio Club, Inc (SFVARC) is an organization interested in Amateur Radio as a hobby. The SFVARC is affiliated with the American Radio Relay League and the Los Angeles Council of Amateur Radio Clubs, Inc. Members of the Club conduct licensing classes on a continuing basis. Anyone interested in Amateur Radio is invited to attend our monthly meetings.

Club Officers

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Vacant

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Awards Manager
WAS & VUCC card checker for ARRL
Arnold Schwartz, WB6PJC
usarnie1 @ sbcglobal.net
(818) 222-7037

POSTINGS AND NOTICES

Monthly Meetings: Third Friday of the month, 7:30 p.m. at Northridge Hospital (18300 Roscoe Blvd, Northridge). Most Club activities take place at the Fifth Floor Penthouse, but we may be assigned other rooms from time to time. Signs will be posted at the Penthouse elevator if there is such a change.

Board Meetings: The 4th Thursday of the month, 7:30 p.m., Northridge Hospital, Garden Room. These are open meetings and all members are welcome to attend!

World Wide Web Site: <http://www.w6sd.net>

Club Nets:

- 2 meter simplex: Tuesdays, 8 p.m. on 145.570 MHz.

Net Control: The Net Control Operators are Jim Sullivan WB6TNF, Phil Reiber KJ6ZI, John Campeau AD6KT, and Johnnie Spotts W6HTY.

Net Control: Varies

- 10 meter: Wednesdays, 8 p.m. on 28.310 MHz +/- QRM in the Upper Side Band Mode

- 2 meter repeater: Thursdays, 8 p.m., on the Magic Mountain Repeater (147.735 MHz - PL100) or Duck Mountain (147.24 MHz +PL67.0) if Magic is unavailable.

6th District DX QSL Bureau: The 6th District DX QSL Bureau is now in Fairfax, CA. The Bureau prefers that you purchase envelopes from them (\$.64 each, including postage) Contact the Bureau at PO Box 970, Fairfax, CA 94978-0970 or visit their web page at <http://www.qslbureau.org/>

You can now follow them on Twitter.com! You will find us at @ARRL_6_Bureau .

Ham Exams: Held at the Northridge Hospital, on the first Saturday of February, April, June, August, October and December. **Registration begins at 8:00 a.m. and doors close at 9:00 a.m. Testing begins after registration is complete.** You do not have to be a Club member to take an examination. There is a \$5.00 examination fee. Also, if you are upgrading your license, please bring your original license, a copy of your license, and originals and copies of any "Certificates of Completion". For more information, call Jim Sullivan (WB6TNF) 818-348-4155. In all other months, exams are conducted by the Santa Clarita Amateur Radio Club; contact Ron Klein, K6VPV at 661-259-0948

Newsletter Contributions: Please contact Bernard Falkin, KG6FBM [kg6fbm at bflocks dot com](mailto:kg6fbm@bflocks.com) if you have anything for the newsletter.

The opinions expressed in the W6SD Carrier are solely those of the editor or other contributors and do not necessarily reflect the opinions of either the Board of Directors or membership of the SFVARC.

Northridge VE Schedule for 2015/2016

The test session registration is from 8:00 am until 9:00 am. Anyone arriving after 9:00 will be turned away. Time limit to take a test is 90 minutes. Exams will be held in the fifth floor Penthouse of the north building (Carol Pump building) of the Northridge Hospital. Signs will be posted if the room is changed.

12/5/15, 2/6/16, 4/2/16, 6/4/16 and 8/6/16.

New to the hobby and stuck?
Maybe it has been a few too many years since you were active and need to talk to someone for simple advice on:

- HF
- VHF/UHF
- rigs
- Discussion on different modes
- An antenna
- Contesting
- Dxing
- Rag-chewing.
- public service activity

Ask an Elmer at our next meeting.

Simplex Net Reminder

Two meter
simplex:
Tuesdays, 8 p.m.
on
145.570 MHz,
Jim, WB6TNF

WAS & VUCC Award Card Checking

Please bring your QSL cards and completed applicable forms to the next meeting. Awards Manager Arnie, WB6PJC, will be available to check your cards.



Want to order a club badge?

<http://thesignman.com/clubs/sfvarc.html>

The SFVARC badge comes standard with a safety pin fastener and may also be ordered with other fasteners.

<http://thesignman.com/badges/fastener.html>

Software-Defined Radio receiver

<http://websdr.org>

WebSDR is a Software-Defined Radio receiver connected to the internet, allowing many listeners to listen and tune it simultaneously. Technology makes it possible that all listeners tune independently, and thus listen to different signals; this is in contrast to the many classical receivers that are already available via the internet.

Yoshio

12/02/2015

US Rep Greg Walden, W7EQI (R-OR), is among the latest House members to sign on as an Amateur Radio Parity Act of 2015 cosponsor. One of the few radio amateurs in the Congress, Walden chairs the House Energy and Commerce Committee's Subcommittee on Communications and Technology, which will hear H.R. 1301, the House version of the legislation. As of November 30, there were 117 cosponsors in the US House and 3 cosponsors for S. 1685, the US Senate bill, which cleared the Senate Committee on Commerce, Science, and Transportation on November 18. ARRL President Kay Craigie, N3KN, said cosponsorship by Walden, the subcommittee chair, is a highlight of the bill's progress in the House.

<http://www.arrl.org/news/us-rep-greg-walden-w7eqi-among-latest-amateur-radio-parity-act-cosponsors>

11/03/2015

An Amateur Radio contact between students at the International Telecommunication Union (ITU) Headquarters Amateur Radio club station and two crew members of the International Space Station helped to kick off World Radiocommunication Conference 2015 (WRC-15). The international gathering is taking place in Geneva, Switzerland, until November 27. The contact took place using ITU Amateur Radio club station 4U1ITU, which is using the call sign 4U1WRC for the duration of the conference. Students from Institut Florimont spoke with astronauts Kjell Lindgren, KO5MOS, and Kimiya Yui, KG5BPH, who were using the Amateur Radio station in the ISS Columbus module, OR4ISS.

<http://www.arrl.org/news/amateur-radio-contact-with-iss-takes-place-in-conjunction-with-wrc-15>

11/27/2015

A 2 day Military Auxiliary Radio System (MARS) communications exercise in early November was an overall success, especially in terms of MARS-ARES cooperation. The November 8-10 exercise was built around the scenario of a simulated massive coronal mass ejection (CME) that disrupts conventional communication systems across the US. Following the simulated CME, MARS stations returned to the air and received requests for information from the supported Department of Defense (DoD) organizations and asking that MARS stations establish contact with Amateur Radio operators in as many of the 3142 US counties as possible. MARS operators were limited to using mainly HF NVIS bands as well as VHF and UHF repeaters. Communication between MARS and Amateur Radio operators were to be made directly, without relying on Internet-linking capabilities or store-and-forward messaging systems.

<http://www.arrl.org/news/mars-amateur-radio-exercise-an-overall-success>

11/04/2015

The November 4 inaugural launch of an experimental US military vehicle carrying several satellites with Amateur Radio payloads into orbit failed in mid-flight shortly after taking off at 0345 UTC from Hawaii. The experimental Super Strypi launch vehicle, carrying a collection of small satellites into orbit as part of the ORS-4 mission for the Department of Defense, was fired from a truss-mounted rail system from the Pacific Missile Range Facility, off Barking Sands on Kauai. According to Spaceflightnow.com, the Super Strypi rocket is designed for low-cost, quick-reaction satellite launches. Destroyed in the demonstration flight were 13 small research spacecraft clustered on the mission for NASA researchers and university students.

<http://www.arrl.org/news/hawaii-launch-of-satellites-carrying-amateur-radio-payloads-fails>

A World Radiocommunication Conference (WRC) has been going on in Geneva Switzerland since November 2, and will conclude its work on November 27. A team of ARRL Staff and other members of the International Amateur Radio Union (IARU) from around the world have been preparing for this conference over several years. The purpose of this team is to propose regulations favorable to Amateur Radio operators in the US and around the world, and also to keep track of any other proposals that would be unfavorable. In the US, the ARRL team participates with other organizations to prepare the official US plans, and to help secure favorable votes from the US delegates. The IARU member societies are doing the same thing in their own countries. The International Telecommunication Union (ITU) is a branch of the United Nations. This organization is responsible for allocating radio frequencies to the various uses, such as broadcasting, television, public service (police, fire, ambulance), cell phones, wifi devices, satellites, and many other radio services, including Amateur Radio. They hold World Radiocommunication Conferences every few years, as needed. (The WRC-2015 conference is also working on the agenda for a WRC-2019 meeting.) When the ITU passes various regulations, the individual countries then implement the regulations for their country as they see fit. That process can take several years, and sometimes there are variations in how the regulations are implemented around the world. For Amateur Radio, it is important that each country set their regulations in as uniform of a way as possible, so that Amateurs around the world can communicate with each other. In the US, the Federal Communications Commission sets our regulations. We have had a 'strange' allocation on the 60 meter band (5330 kHz) for several years. It is strange because we are allowed to use five specific channels with upper sideband modulation only, and are limited to 50 watts of power. On every other Amateur Radio band, we can tune our radios to any frequency within the band to operate, and we can typically use any of several methods of communication, including voice, Morse code, radioteletype, and so on. We are not limited to specific channels. Also, on most bands, we are allowed to transmit with as much as 1500 watts of power. The 60 meter band is an important allocation because it provides propagation for radio signals that can fill in a gap of which band to select for certain distances at various times of the day and night. The IARU went into the WRC-15 conference hoping to win a world-wide band in this frequency range, and had been working with their various country delegations to convince them to support such a band. It is not easy to convince the ITU member nations to add a new allocation for Amateur Radio. The last time we secured access to some new bands was at a World Administrative Radiocommunications Conference in 1979! At that time we won three new bands " 30 meters, 17 meters, and 24 meters. These new bands filled in important propagation gaps between our other allocations. Since 1979 these new bands have been known as the 'WARC Bands.' (Since then, the ITU shortened the name for these meetings to the current WRC.) On November 18, the exciting news came out of Geneva that the conference delegates had approved a world-wide allocation of 5351.5 to 5365.5 kHz. This is exciting news, although there is also a down side. The new allocation includes a power restriction to 15 watts of transmitter power. The power restriction is necessary because the Amateur Radio allocation is a secondary allocation. That means that another radio service has the primary allocation, and Amateur Radio operators are only allowed to use the band on a non-interference basis. We must ensure that our communications are not interfering with any other signals. If they are, we must stop operating on that frequency immediately. The 15 watt power restriction is a significant drop in power from our current limit of 50 watts, but it will be a worthwhile trade-off to gain the world-wide allocation. We can expect that it will take the FCC (and most other countries) up to several years to implement these new regulations. So, we can't begin operating across that entire band yet, but we can look forward to a change.

<http://www.norwichbulletin.com/article/20151125/BLOGS/311259997/-1/blogs>

<http://w6sd.net/member>

Application For SFVARC Membership/Renewal

Date _____

Name _____ Call _____

License Class _____

Address _____ City _____

State _____ Zip _____

Telephone _____

Email _____

ARRL member? _____

New member ? _____ Renewal ? _____

Exclude your info from printed club membership roster? Yes _____ No _____

Dues information:

Full year \$18 or if under age 18 - \$6

Family membership: each additional family member is charged the under 18 age rate

Please make checks payable to SFVARC

If mailing, address to: SanFernandoValleyARC, P.O. Box 280517, Northridge, Ca. 91328-0517

Thank you for your interest and participation in the SFVARC





San Fernando Valley Amateur Radio Club
P.O. Box 280517-0517
Northridge, CA 91328-0517



Next Meeting: Friday, January 15, at 7:30pm at Penthouse, Northridge Hospital

W6SD.NET

Communications Service Company, Antenna Specialist, TV-ham-
Shortwave-Satellite TV, MATV-Residential and Commercial, Audio-
Video-CCTV Cameras, Expert Tower Installations

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