

Local Oscillator

2006

Mesilla Valley Radio Club

February

A [pdf file](#) of this issue is available. It should print fairly easily. If you do not have the free pdf file reader, go to <http://www.adobe.com>

Coming Events

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Date	Event	Time	
Sun	CW Net 7.142	4:00PM	COMING EVENTS
M - F	6 m FM net 52.540	6:00AM	TABLE OF CONTENTS
M - F	round-table 52.525	8:00PM	PRESIDENT'S NOTES
T, T	Informal Wal-Mart (E)	10:00AM	TECHNICAL MEETINGS
M, W, F	Informal Wal-Mart (W)	10:00AM	RACES
Mon	WTRA Swap net 146.88	8 PM	INSTRUCTORS NEEDED
Wed	Net 146.64	6:45PM	RADIO CLASS FLYER
Mon	YL Rise & Shine 449.9	8:30AM	QRP GROUP
Feb 4	Breakfast - Club House	8 AM	DUES
Feb 4	Business meet - Club House	9:15 AM	CW GROUP
Feb 5	Super Bowl race		FEB PROGRAM
Feb 8	Directors meeting - Club House	7:00 PM	MINUTES OF JANUARY 2006 BUSINESS MEETING
Feb 9	Tech meet - Club House (radios)	7:00PM	JANUARY 2006 BOARD OF DIRECTORS MEETING
Feb 13	QRP Group - Club House	7:00PM	INCOME/EXPENSE
Feb 23	Tech meet - Club House (solder)	7:00PM	BACK PAGE
Feb 24-26	Technician Class - Club House		
Apr 21-23	General Class - Club House		
Apr 30	Bean Feed - Club House		
Sept 8-10	Technician Class - Club House		
Oct 27-29	General Class - Club House		



KC5SKE Displays the Club's Repeater

The space below is used for acknowledgements and maintaining the site.
Send comments, suggestions, and requests to [Alex. F. Burr](mailto:Alex.F.Burr) or send e-mail to aburr@qzxservices.com.
Technical assistance, net access, design, and maintenance provided by qzxservices.com

THE ARTICLES FOR THIS MONTH

PRESIDENT'S NOTES

N5PK

Greetings everyone. First, I was so pleased at the attendance at the regular meeting in January, thirty one or thirty three folks. Great to see you all. I was a little disappointed we didn't have more volunteers who wanted to contribute \$10,000 to expand our meeting area, oh well! We will be going back to our original meeting area set up after breakfast beginning in February and we will need your help in taking the tables down and re arranging the chairs. This will in effect give us more room. Continue to attend the breakfast and the business meetings and we will provide the space for your comfort.

Second, I received a telephone call from Paul Choc, WA5IHL, on Wednesday afternoon relating good news! Our two new repeaters are in and as soon as the final costs are known and coordination of a meeting time with him is arranged we will be going after them. I'm excited about this purchase and know you are as well. I can hardly wait to get them on line. These will replace our two VHF machines. Our plan is to Keep three of the old machines currently in use and an additional one for 70 CM to be used as "plug and play" spares if and when needed.

Next, is a reminder about club dues. As you remember because of a serious money crises we raised the dues to \$35 for single membership and \$45 family. Renewal of memberships are now due for 2006 and we encourage you to send your renewal in promptly. We've approved a new budget that will require additional funds above that required the last few years if we are to achieve the goals that we have set together. Thanks for your prompt response.

Finally, a couple of reminders,

- The regular monthly breakfast and business meeting on the 4th of February, plan to attend if you possibly can.
- Plan now to attend Tech Night on the 26th of January. Topic will focus on antennas for this secession.

No matter your level of expertise, I'm sure you will not go away unchallenged. Be there!

Last after finally, ARLB002 Newly elected Joel Harrison, W5ZN, will be the League's president for the next two years. He becomes ARRL'S 14th president. Additionally, you stay well, there are several things still going around out there that can make you very ill, keep out of harms way and watch out for the other guy!

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TECHNICAL MEETINGS

WA5DJJ

The February Tech night meetings will be on the 9th and 23rd of the month. The topics for discussion will be as follows:

February 9th: Radios

This discussion is about how to select your radio. What options do you need or may want on your radio to participate in future operations? What is the best radio for me to buy? If you have a favorite radio that you would like to bring for "show and tell" bring it along. Hopefully, I will have some of my radios there that we can talk about.

February 23rd - Soldering

We are going to talk about and demonstrate different methods of soldering from simple soldering two wires together to surface mount soldering techniques. We will look at different soldering irons and discuss the differences between them. We will also talk about solder, tinning before we solder, and try a hand at soldering parts to PC board and Manhattan style building.

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RACES

KD5OHA

The next race we have coming up will be Sunday Feb. 5 Supper Bowl Run. Probably about 9:30 AM. More details at a later date. The next race after that is the Run Old Mesilla in March.

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INSTRUCTORS NEEDED

WZ5R

Here is the 2006 schedule for MVRC classes. If you would like to take a turn instructing, please contact me by e-mail or phone: 521-7574. Classes run Friday evening, all day Saturday, and Sunday morning. Format is: watch video; review question pool; administer practice exam(s). All materials are

provided. Snacks and lunches Sat, Sun are provided. Typically a single instructor will take a morning, an evening, or an afternoon.

February 24, 25, 26: Technician Registration deadline: Feb.17
April 21, 22, 23: General Registration deadline: Apr. 14
September 8, 9, 10: Technician Registration deadline: Sep. 1
October 27, 28, 29: General Registration deadline: Oct. 20

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RADIO CLASS FLYER WZ5R

The flyer is a two page color production. It will not reproduce well in the e-mail edition of the Local Oscillator but is available in the web edition [here](#).

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QRP GROUP K5DI

The QRP Group is a part of the Mesilla Valley Radio Club (MVRC) and it meets at the Clubhouse. Most but not all members are already members of the MVRC. Members of this group are Radio Amateurs that enjoy operating with their transmitted power at, or below 5 watts. We know that propagation and antenna efficiency is far more important to good communication than the power we transmit with. It matters not that the radio is capable of transmitting more power. We simply turn down the power to a QRP level.

Where does the name QRP come from? CW operators use a list of Q signals that make sending things on CW simpler. The Q signal QRP means please turn your power down.

The actual power level for QRP has been many levels from 25 Watts to 1 Watt with 5 Watts the current maximum power to use when you call yourself a QRP operator. There are others interested in even lower power and they are called QRPp operators and the maximum power is 1 Watt.

A QRP operator does not always operate as such. He/She may use 1500 Watts on 20 meters to work a distant Net. During this time the operator must not claim QRP status.

As you can see, it is a personal thing to operate QRP. The American Radio Relay League (ARRL) has many contests and some have a QRP class entry. In previous years they have had a problem believing that the score turned in

was from transmitters at 5 Watts or less.

QRP Hams like to build their own radios. The 5 Watt maximum power makes this easy. There are a lot of tried and tested kit radios on the market.

The QRP Group is the place you can meet others who enjoy this part of the hobby, see the radio kits work and hear first hand from the person who built it, learn about Internet sites that provide an International connection to QRP. The Club meets at 7:00 PM every second Monday of the month at the Mesilla Valley Radio Club Clubhouse at Wilt and Jefferson Streets.

If this sounds interesting try to make the next meeting, or for more information call Karl Larsen at 524-3303

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DUES

KJ5Q

Single membership dues are \$35.00.

Family membership dues are \$45.00.

If you wish to have a paper copy of the Local Oscillator mailed to you, there is an additional \$10.00 fee to cover the costs.

Please make your check payable to MVRC and send to P O Box 1443, Las Cruces 88004.

If you have moved, changed your telephone number, or have a new email address, please send that info with your dues payment.

The bylaws state "Dues are due in January of each year and are delinquent April 1. An individual who has not paid dues by June 1 will be dropped from the club."

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CW GROUP

K4DI

The CW Group is going to stop holding meetings beginning with the first Monday in February. The purpose of the CW Group was to bring together people who enjoy CW with those who would like to enjoy CW. There seems to be a lack of the later group so we have decided to stop holding meetings.

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FEB PROGRAM KD5HZI

The program for the next regular business meeting will be several different people demonstrating their radios. We hope to have some new ones, old ones, and kit radios available for every one to see and fiddle with. Several people have already been contacted and will bring in their radios. If you have something unique or simply want to show off you rig, please bring it to the club house early next week. Allow plenty of time to set up and tune up. Bring a cut sheet with your radio's specifications and be ready to talk about it after the meeting. If this is a success, it might be interesting to do this on several different things such as mobile installations, antenna tuners, ect. I hope to see some unique radios next meeting.
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MINUTES OF JANUARY 2006 BUSINESS MEETING W5JRD

The MVRC met at the clubhouse on January 7, 2006 for the regular business meeting. The meeting was called to order by President Jack Lemons (N5PK) at 9:15 AM.

Reports:

Judy Davis (W5JRD) Secretary Minutes of the last meeting were read and approved.

Sandra Hempfling (KJ5Q) Treasurer There is a total of \$13,798.24 in all accounts as of December 31, 2005. We had a total of 106 members at the end of the year.

The proposed budget for 2006 was presented to the general membership for approval. A motion to accept the budget was made by Marty Campbell (N7CYY) and a second was made by Charlie Welch (W5TLU). The motion passed.

Marnie Leverett (KA2FVO) and Rodney Davis (WK5I) have agreed to audit the books for last year. The report will be given at the February meeting.

Cash Olsen (KD5SSJ) Special Events The Bean Feed is scheduled for April 30, 2006 at the club house. Approximately twenty volunteers are needed.

Joe San Filippo (WZ5R) Education Two tech classes and two general classes will be offered in 2006. The tech classes will be held on February 24th and September 8th. The general classes will be on April 21st and November 27th.

Dave Hassall (WA5DJJ) Elmering sessions will be held the second and fourth Thursday of each month at the clubhouse starting at 7:00 P.M.

George Kopp (KD5OHA) Communications- A Super Bowl Run will be held on Sunday February 2nd. The Old Mesilla Run will be held in March with the exact date to be announced at a later date. The dates

for the Bataan Death March will also be announced at a later time. The lot that was used by the club for Field Day will be available again this year.

Tres Campbell (KD5ZHI) Vice President Mugs will be ready for sale at the Bean Feed. Inventory is currently being done. Dues for the 2006 year are now due.

Brad Sacca (KC5SKE) presented the program on the new repeaters.

The meeting was adjourned at 10:45 AM.

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MINUTES OF JANUARY 2006 BOARD OF DIRECTORS MEETING W5JRD

Board members in attendance were:

Jack Lemons (N5PK)
Tres Campbell (KD5ZHI)
Sandra Hempfling (KJ5Q)
Judy Davis (W5JRD)
Bob Bennett (AD5LJ)
George Kopp (KD5OHA)
Cash Olsen (KD5SSJ)

President Jack Lemons called the meeting to order at 7:00 pm. The minutes were read by Judy Davis and approved as read.

Sandra Hempfling read the treasure's report The club has \$13,798.24 in all accounts as of December 31, 2005.

The club calendar for the upcoming year was discussed and dates set.

Regular monthly dates:

The first Saturday General meeting
The first Wednesday after the first Saturday Board Meeting
The second and fourth Thursday Elmering sessions
The 20th Articles for the LO due

Other dates as known at this time:

February 24th and Sept 9th Tech classes
April 21st and November 27th General classes
April 1st Horse Race
April 4th Clean up day at the club house
April 30th Bean Feed
June 24th and 25th Field Day

November 8th Club license renewal due
October 7th Nominating Committee report
November 4th Election of Officers for 2007

Cash Olsen reported the repeaters are ready to be reinstalled.

The Meeting was adjourned at 8:30 pm.

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INCOME/EXPENSE
KJ5Q

Below is the summary for December. For a more complete report see the [IE](#) page.

Mesilla Valley Radio Club
Income/Expense

December 1 through December 31, 2005

INCOME 5308.07

EXPENSES 755.58

Sandra Hempfling
Treasurer

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Mesilla Valley Radio Club

Income/Expense

December 1 through December 31, 2005

Beginning Balances

MVRC Checking Account	2565.64	
MVRC Savings Account	4106.98	
Education Fund Account	2523.13	
Cash on Hand	<u>50.00</u>	
Balances Total		<u>9245.75</u>

Income

Breakfast & Drinks	0.50	
Contributions	5115.00	
Dues	220.00	
Tshirt sales	-28.44	
(not all were paid for in Dec)		

Interest Income	<u>1.01</u>	
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Total Income		<u>5308.07</u>
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Balances + Income		14553.82
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Expenses

Property Tax	574.60	
Misc.	80.72	
Newsletter	33.29	

Utilities

Electricity	29.44	
Telephone	26.32	
Water	<u>11.21</u>	

Total Expenses		<u>755.58</u>
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Balances on hand, Nov 30, 2005		<u>13798.24</u>
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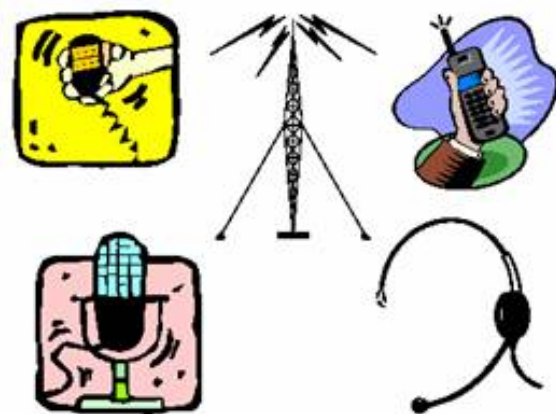
Ending Balances

MVRC Checking Account	7117.12
MVRC Savings Account	4107.99
Education Fund Account	2523.13
Cash on Hand	<u>50.00</u>
Balances Total	<u>13798.24</u>

Sandra Hempfling
Treasurer

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Mesilla Valley Radio Club AMATEUR RADIO



CLASS SCHEDULE 2006

The Morse code requirements for amateur radio licensing have been GREATLY REDUCED and may soon be reduced even further. It has never been easier to get your ham radio license. You are invited to explore this modern and diverse hobby. These classes will get you on your way!

The **Technician- Class license** is the entry-level Federal Communication System (FCC) amateur radio license. It allows operation on frequencies above 30 megahertz (MHz). **Morse code is NOT required.**

The **General- Class license** allows operation on frequencies below and above 30 megahertz (MHz). **Morse code is currently required but this requirement will likely be eliminated in the near future.**

One - weekend classes are scheduled for following dates:

February 24, 25, 26:	Technician	Registration deadline: Feb. 17
April 21, 22, 23:	General	Registration deadline: Apr. 14
September 8, 9, 10:	Technician	Registration deadline: Sep. 1
October 27, 28, 29:	General	Registration deadline: Oct. 20

General Information

- Each class will meet Friday evening, all day Saturday, and Sunday morning. FCC exams will be administered following the Sunday morning session.
- The FCC makes available the question pools from which the 35 - question multiple choice exams are built. These are the actual questions you will encounter on the exams. By the end of the class you will have seen and answered all the questions in the question pool. You will receive a study guide including all the questions, correct answers, and discussions. (You can download the question pools; see URLs at the end of this flyer; make sure you observe the dates on the question pools.)
- Class format will be: Watch instructional video; discuss video; answer applicable questions from the question pool.
- Snacks, beverages, Saturday lunch, and Sunday lunch will be provided. Planned lunches are Subway sandwiches Saturday and pizza Sunday. If this is a problem, please let us know ahead of time and we will make every effort to accommodate a special need.
- Class Cost: \$45. Registration Deadline: Payment must be received by the dates shown in the above schedule. Please clip and mail the form below with your payment. Cost includes study guide, examination fee, snacks, and lunch Saturday and Sunday.
- Checks and cash only are acceptable; no purchase orders.

Class Location

Classes will be held at the MVRC Club House/Station. Driving directions follow:

- Take North Main St. (HWY 70) east from Las Cruces; west from Organ.
- Exit at Porter Rd.; proceed SOUTH on Porter.
- Continue south on Porter until the road turns left (east) onto Aldrich.
- Continue on Aldrich about 1/2 mile to Wilt.
- Turn left (north) onto Wilt. The Club House is at the corner of Wilt and Jefferson. (You will see the antenna tower.)

If you have questions please contact Joe San Filippo at 521-7574 or wz5r@zianet.com.

Find more out about Ham Radio: <http://www.arrl.org>

Download the exam question pools: <http://www.arrl.org/arrlvec/pools.html>

Name: _____ Phone day: _____ Phone eve. _____

E-mail: _____

Address _____

Amount Enclosed \$ _____

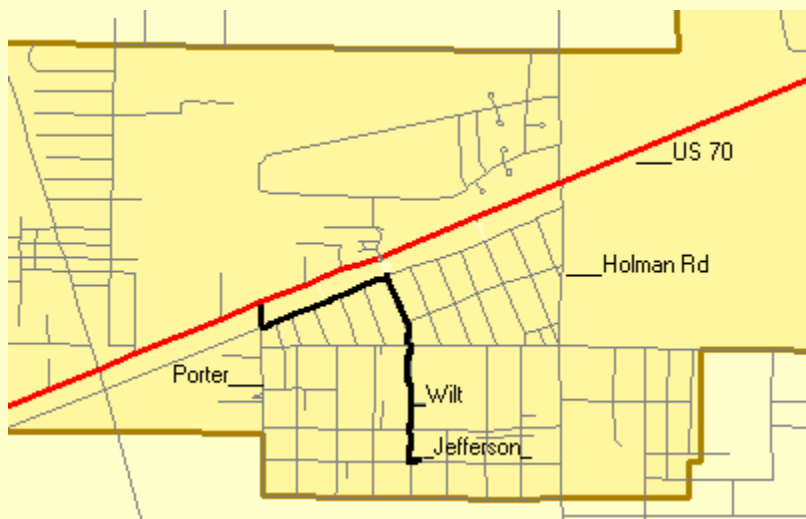
Make your check payable to the Mesilla Valley Radio Club.

Send to: Joe San Filippo, WZ5R, 10070 Achenbach Canyon Rd., Las Cruces, NM 88011

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CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson in Hacienda Heights. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a gps, take the Porter exit on US 70. It is about 5 miles from the I 25 interchange, near the firehouse. Almost immediately south of the south frontage road on the south side of US 70, turn left toward the mountains until you come to Wilt. Turn right. There is a jog in the road, but at 0.35 miles you should come to Jefferson. If you can't see the tower and beam, you shouldn't be driving. The treasurer would be delighted to receive your contribution for landscaping and furnishing.



Officers

Office	Name	Call	Phone	e-mail
President	Jack Lemons	N5PK	526-9428	n5pk@zianet.com
Vice-President	Tres Campbell	KD5HZI	373-2008	trscam@netscape.net
Secretary	Judy Davis	W5JRD	522-6833	judy@davis-domain.com
Treasurer	Sandra Hempfling	KJ5Q	373-1166	kj5q@arrl.net
Board Members	Alex. Burr	K5XY	522-2528	k5xy@arrl.net
	Bob Bennett	AD5LJ	382-0148	rbennett@zianet.com
	George Kopp	KD5OHA	525-1956	geokd5oha@yahoo.com
	Cash Olsen	KD5SSJ	382-1917	casholsen@zianet.com
	Joe San Filippo	WZ5R	521-7574	sanfilippo@zianet.com
	Brad Sacca	KC5SKE	382-4380	shiekyerbouty@msn.com

The newsletter is always looking for articles and notes of interest to the members of the Mesilla Valley Radio Club. Please send them to Alex. F. Burr, K5XY, Editor, MVRC Local Oscillator, 695 Stone Canyon Drive, Las Cruces, NM 88011. Small personal ads from members will also be published. It would be helpful if submissions would be made in a machine readable form. Windows readable disks are welcome. Files can also be sent to the Internet address k5xy@arrl.net. The club maintains a web site at <http://www.zianet.com/mvrc>.

JOIN THE CLUB

To join the Mesilla Valley Radio Club, renew your membership, or to support the repeaters, please print, cut out, and complete the form below. Send it with dues (\$35 single, \$45 family per year, add \$10 to receive the newsletter by US mail instead of e-mail) to: Treasurer, MVRC, Box 1443, Las Cruces, NM 88004.

Name	
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Club Information

Box or street address	
City	
State	
Zip	
Call	
Class of license	
Phone	
e-mail	
ARRL Member?	

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