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| <b>2017</b>   | <b>Local Oscillator</b>                       | <b>July</b>   |
|  | <h1 style="color: red;">Local Oscillator</h1> |  |
| <b>Mesilla Valley Radio Club</b>  |   |   |

This is a pdf file. It will print easily. A free pdf file reader is at <http://www.adobe.com>

| <b>Current Events</b>   |                             |              | <b>Table of Contents</b> |
|---|-----------------------------|--------------|--------------------------|
| Date  | Event                       | Time         |                          |
| <b>Sat</b>  | Informal at Cracker Barrel  | 6:00 AM      | Field Day                |
| <b>M, W, F</b>  | Informal Wal-Mart (West)    | 10:00 AM     | Field Day Photos         |
| <b>Wed</b>  | MVRC Net 146.64             | 6:45 PM      | Builders Project         |
| <b>August 5</b>   | Club Coffee Club House      | 8 AM         | Arduino Presentation     |
| <b>August 5</b>   | Business Meeting Club House | 8:45 AM      | Club Roster              |
| <b>July 4</b>   | Builder's Group Club House  | 7 PM (check) | Club Meeting Minutes     |
| <b>July</b>   | Board Meeting Club House    | Next month   | Board Minutes            |
| <b>July 11</b>  | Linux -SIG Club House       | 7 PM         | Treasurer Report         |
| <b>July 18</b>  | Builders Group Club House   | 7 PM         | Club Location            |
| <b>July 25</b>  | Linux - SIG Club House      | 7 PM         | Club Officers            |
| For more events see <a href="http://www.n5bl.org/calendar">http://www.n5bl.org/calendar</a> |                             |              | Membership Application   |



More information at <http://swantenna.com>



## **N5TMT Looks At the Field Day Solar Panel**

### **The Articles for This Month**

#### **Field Day**

The club had two stations on the air during the Filed Day weekend at the end of June. N5TMT arranged for the field Day position at the picnic area near La Queva. There was lots of room. N5TMT quickly set up a long wire antenna ending at a picnic table while WA5DJJ and KC5EVR put up a vertical to go with the mobile antennas on the motor home of WA5DJJ. The photo above shows the solar panel with the motor home which housed the rig of WA5DJJ in the background. Also shown is the vertical antenna and the vehicle of KC5EVR.

The bands were not particularly good but there were contacts to be had on 20 m and other bands as well as a visitor to the site.

N5TMT had contacted the Las Cruces Bulletin who sent a photographer to take pictures of the operation.. The end result was some good publicity for the club.

See the next page for more Field Day Photographs.

## Field Day Photos



Vertical Antenna



Field Day Vehicles



WA5DJJ and KJ6ANV at the 20 meter position



## Builders Project

KD5SSJ

At last week's Builders Group, Kyle (KY2LE) brought his recently completed Bitx40. He assembled it in a plastic case. He modified the lollipop mike and installed the new mike element and PTT switch. At the clubhouse we connected this 40m SSB / CW transceiver to an antenna.

Dave (WA5DJJ) called CQ for a couple of rounds with no replies. He then tuned to a special event station W0L and contact was made on the first call about 8pm. So the first contact was made from Las Cruces to Minnesota with about 10 watts SSB.

The Bitx40 is a partially assembled kit from India that cost \$59, plus \$10 shipping by DHL air.



## Arduino Micro-controller Presentation

KD5SSJ

This month new member KG5RRX, Steve Barkes, gave a very interesting presentation on Arduino micro-controller boards. Steve had examples of these devices and talked about applications for ham radio. His presentation was well received



## The Club Roster

The latest club roster is available. If you click on the following link, it will appear as a pdf file.

URL <http://mvrcMem201706.pdf>

It is recommended that you print it out and keep it handy at your operating position. It consists of two main parts. The first lists all club members in alphabetical order. The second part lists all club members by their call signs. The roster also contains other information such as class of license and some contact information. Print only the first four pages.

## Monthly Club Meeting

**Saturday 03 June 2017**

**Monthly Meeting of the Mesilla Valley Radio Club**

**MVRC clubhouse doors opened for coffee and donuts: 8 a.m.**

**Total Attendance: 29**

**New Members: Joe Swilley KE5KLL**

**Visitors: Tom Puckett W5JXM and Randy Rover (son of Bob, KB6DYM)**

**Meeting called to order: 8:50 a.m. by club president Sven Breden, K5SHB.**

This month new member Steve Barkes gave a very interesting presentation on Arduino micro-controller boards. Steve had examples of these devices and talked about applications for ham radio. His presentation was well received.

### **Business Discussion/Reports Included:**

Rob Truitt *KE5OFK* reported that the club's repeaters were all working normally.

And, additional progress has been made with the Broad-Band Ham Net.

Bob Bennett *AD5LJ* said that there were no problems to report on the clubhouse.

He also mentioned that the club's storage shed had been cleaned out, so the MVRC is ready for 2018 Bean Feed donations.

Cash Olsen *KD5SSJ* reminded everyone that the club does not meet in July. But, he's seeking presenters for the months of September, October, and November.

Cash reminded the membership of the Tuesday night's Builders Group meetings at 7:00 p.m. Cash also mentioned that our monthly cleaning service for the clubhouse was not happening. Bob Bennett said that he'd contact them.

George Kopp *KD5OHA* informed the guests and new members of his Wednesday night net at 6:45 p.m., the Department of Health Net on the Mega-Link at 9:00 Friday mornings, and Derrick Jordon's 6-meter net on Monday evenings at 6:45. George also explained to the new folks that MVRC provides communications for local road races. Please feel free to contact George about net details.

MVRC's event coordinator, Earl Drexler *N5TMT* did a presentation on our upcoming

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ing Field Day event on 24 June. Contact Earl for details.

MVRC treasurer, Furman Smith *KF5KHL* gave us a monthly financial report and informed the membership that we cleared about \$2400 from our Bean Feed event.

MVRC secretary, Howard Brewington *KJ5NJ*, reported that he'd been working on the 2017 roster. We currently have 94 members in good standing. Howard also mentioned that he'd taken over for Perry Steinman as MVRC's volunteer examiner liaison. Please feel free to contact Howard if you want to be tested.

Harvey addressed the membership about a PA system for our meeting room, which would help the hearing impaired. Unfortunately, Dave Hassall, *WA5DJJ*, began shouting at Harvey, so Harvey just gave up and sat down. It was a very embarrassing situation for the MVRC since new members and guests were in attendance. Dave's outburst caught Sven and other board members off guard, so order was not maintained. And, the meeting ended on a very sour note.

**MVRC Meeting adjourned:** 10:56 a.m.

**Meeting minutes recorded by Club Secretary:** Howard Brewington *KJ5NJ*

## Monthly Board Meeting

Thursday 08 June 2017

Board Meeting of the Mesilla Valley Radio Club

**Meeting Location:** MVRC clubhouse

### **Officers and Board Members Present:**

Sven Breden (President) *K5SHB*, Howard Brewington (Secretary) *KJ5NJ*, Furman Smith (Treasurer) *KF5KHL*, Alex Burr *K5XY*, Bob Bennett *AD5LJ*, Cash Olsen *KD5SSJ*, George Kopp *KD5OHA*, and Earl Drexler *N5TMT*.

**Visitors/Guests Present:** Ed Montes, Harvey Baldwin, and Dorothy Baldwin

**Meeting called to order:** 7:04 p.m. by club president Sven Breden.

### **Business Discussion**

- The board meeting began with Sven Breden apologizing to Harvey and Dorothy Baldwin because of the incident at June's meeting. Harvey had the floor and was addressing the membership about the need of a PA system for the hearing impaired individuals in our group. But, Dave Hassall *WA5DJJ* began yelling at him, and Harvey was unable to finish. Dave's outburst caught Sven and other board members off guard, so order was not maintained, unfortunately. Therefore, the June meeting of the MVRC ended on a very sour note. The board members agreed that such behavior will not be tolerated at future meetings, and it's the responsibility of ALL board members to help maintain order when someone has the floor.

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- Alex Burr wants to include info about monthly speakers in the Local Oscillator, so he needs to be kept in the loop. And, he asked us to please report any mistakes or omissions in the Local Oscillator's content.
- Howard Brewington, club secretary, reported that 01 June was the deadline for membership, according to the MVRC bylaws. So, he dropped the 16 unpaid individuals from the club roster. Howard stated that we have 95 members in good standing.
- Furman Smith passed out a profit and loss statement for the bean feed, and a monthly financial statement.

Earl Drexler reminded everyone of the Field Day event on 24 June. This year's event will include three transmitters and a potluck dinner. Contact Earl for Details. Earl also mentioned the upcoming VHF contest.

Cash Olsen, KD5SSJ, reminded everyone that we'll not have a club meeting in July, but we need speakers for September, October, and October meetings. Howard Brewington KJ5NJ will do a presentation about metal detectors at the August meeting.

George Kopp KD5OHA said that he had nothing to report except for the Giddy-Up & Go Road Race. It's not until September, but he'll need volunteers to help with communications.

Bob Bennett said that many items at this year's bean feed did not sell, so we need to rethink the planning for our next event. Bob also mentioned that our monthly cleaning service was under performing, so we're shopping for new maid service.

Sven Breden K5SHB suggested that we change the format of our monthly club meetings, i.e., do the business portion first. The business will start at 8:45 and run no later than 9:15. Then, the monthly presentation will start at 9:15 and run until 10:00, which would include the question & answer portion at the end. The board members agreed to give Sven's suggestion a try. Sven also brought up the club's property taxes; he plans to contact the county for an update.

**Board Meeting adjourned:** 8:15 pm

**Meeting minutes recorded by Club Secretary:** Howard J. Brewington

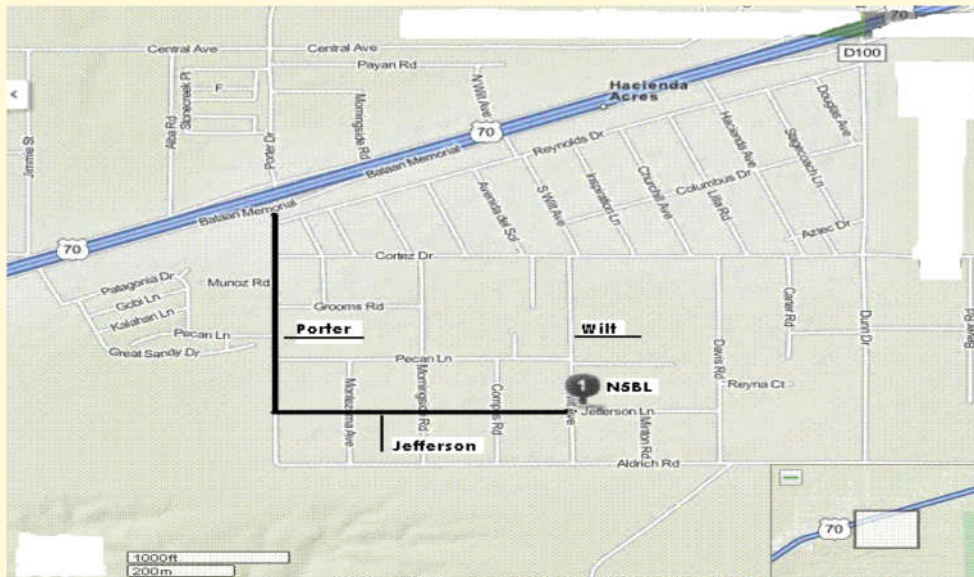
Board meetings are open to the entire membership; please feel free to join us.

## Treasurer Report

The treasurer's report is not available

## CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. 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 near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



### Officers

| Office        | Name              | Call   | Phone        | E-Mail   |
|---------------|-------------------|--------|--------------|--|
| President     | Sven Breden       | K5SHB  | 635-0414     | <a href="mailto:sven.breden@gmail.com">sven.breden@gmail.com</a>       |
| Secretary     | Howard Brewington | KJ5NJ  | 575-496-8616 | <a href="mailto:comet.brewington@msn.com">comet.brewington@msn.com</a> |
| Treasurer     | Furman Smith      | KF5KHL | 382-5982     | <a href="mailto:smithf@zianet.com">smithf@zianet.com</a>               |
| Board Members |                   |        |              |  |
| Education     | Cash Olsen        | KD5SSJ | 382-1917     | <a href="mailto:kd5ssj@arrl.net">kd5ssj@arrl.net</a>                   |
| Clubhouse     | Bob Bennett       | AD5LJ  | 382-0148     | <a href="mailto:rpbennett1@comcast.net">rpbennett1@comcast.net</a>     |
| Newsletter    | Alex. Burr        | K5XY   | 522-2528     | <a href="mailto:k5xy@arrl.net">k5xy@arrl.net</a>                       |
| Repeater      | Robert Truitt     | KE5OFK | 649-4173     | <a href="mailto:robtruitt@zianet.com">robtruitt@zianet.com</a>         |
| Commo         | George Kopp       | KD5OHA | 649-5903     | <a href="mailto:geokd5oha@yahoo.com">geokd5oha@yahoo.com</a>           |
| Special       | Earl Drexler      | N5TMT  | 639-0556     | <a href="mailto:earld7@yahoo.com">earld7@yahoo.com</a>                 |



**JOIN THE MESILLA VALLEY RADIO CLUB**

Name(s) \_\_\_\_\_

EMAIL \_\_\_\_\_

*If you want confirmation that your payment was received and processed, please include your email address*

Street Address \_\_\_\_\_ PO Box# \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

To join the Mesilla Valley Radio Club or renew your membership, please complete this form and print or cut out. Send it to **“Treasurer, MVRC, PO Box 1443, Las Cruces, NM 88004”** with annual dues (\$35 single, \$45 family)

Date: \_\_\_\_\_ Method of payment: Check No. \_\_\_\_\_ Other \_\_\_\_\_

Call Sign(S) \_\_\_\_\_ Family Membership Yes \_\_\_ No \_\_\_

License Class (E, A, G, T, N) \_\_\_\_\_ ARRL Member? (Y/N) \_\_\_\_\_

Are You a ARRL Volunteer Examiner (Y/N) \_\_\_\_\_

Would you like to be added to the MVRC reflector (email information system)? \_\_\_\_\_

**Intrests**

Computer \_\_\_ Contests \_\_\_ Digital \_\_\_ Elmer \_\_\_ Emergency Communications \_\_\_

Field Day \_\_\_ Packet \_\_\_ Programs \_\_\_ Public Service \_\_\_ Publicity \_\_\_ RFI \_\_\_

Repeater \_\_\_ Social \_\_\_ License Classes \_\_\_ Teach Licensing Classes \_\_\_

Volunteer Examiner \_\_\_ QRSS \_\_\_ Other \_\_\_\_\_

**Comments**