



## SAN BERNARDINO MICROWAVE SOCIETY, Incorporated

FOUNDED IN 1955

A NON-PROFIT AMATEUR TECHNICAL ORGANIZATION DEDICATED  
TO THE ADVANCEMENT OF COMMUNICATIONS ABOVE 1000 MC.

### W6IFE Newsletter May 2006 Edition

President Dennis Kidder WA6NIA 2509 East Second St Long Beach, CA 90803 562-858-2883

Vice President John Oppen KJ6HZ 4705 Ninth St Riverside, CA 92501 joppen6115@aol.com

Recording Sec Mel Swanberg, WA6JBD 231 E Alessandro Blvd Riverside, CA 92508 909-369-6515  
wa6jbd@verizon.net

Corresponding Sec Kurt Geitner, K6RRA1077 E Pacific Coast Hwy TMB142 Seal Beach, CA 90740 310-718-4910  
k6rra@gte.net

Treasurer Dick Kolbly, K6HIJ 26335 Community Barstow, CA 92311 760-253-2477 dick@eventhorizons.com

Editor Bill Burns, WA6QYR 247 Rebel Rd Ridgecrest, CA 93555 760-375-8566 bburns@ridgecrest.ca.us

Webmaster Chip Angle, N6CA 25309 Andreo Lomita, CA 90717 310-539-5395 chip@anglelinear.com

ARRL Interface Frank Kelly, WB6CWN PO Box 1246, Thousand Oaks, CA 91358 805 558-6199

fmkelly@verizon.net

W6IFE License Trustee Ed Munn, W6OYJ 6255 Radcliffe Dr. San Diego, CA 92122 858-453-4563

w6oyj@amsat.org.

At the **4 May 2006** meeting, Dick K6HIJ will talk on the Basics of noise figure measurement and measurement clinic. The SBMS meets at the American Legion Hall 1024 Main Street (south of the 91 freeway) in Corona, CA at 1900 hours local time on the first Thursday of each month. Check out the SBMS web site at <http://www.ham-radio.com/sbms/>.

Hi Everyone, It looks like the **pre-meeting dinner spot for this month is again the Sizzler**. Sizzler  
1461 Rimpau Ave Corona CA 92879 (951) 272-8255

**Last meeting-** SBMS elected a new slate of officers for the 2006-7 period. President Dennis Kidder WA6NIA; Vice President John Oppen KJ6HZ; Recording Sec Mel Swanberg, WA6JBD; Corresponding Sec Kurt Geitner, K6RRA; Treasurer Dick Kolbly, K6HIJ; and Editor Bill Burns, WA6QYR. Welcome to the new officers and thank you to the group just leaving. The MUD06 website is to be up in a couple of weeks. SBMS voted to purchase two European 10 GHz amplifiers for the OVRO project. 28 people present.

#### **“Wants and Gots for sale..**

For Sale- 24 GHz transverter-12 dish feed 5 dB NF 3mw out 2 meter IF \$400 Doug K6JEY 562-424-3737.

For Sale or trade FT726 (10 mtr module (21 MHz, 24 MHz, 28 MHz), 6m module not installed, 2 meter module, 430-440 MHz module Jeff KN6VR 760-948-7227

#### **Scheduling.**

June- 24 GHz rig progress. Members share their 24 GHz rigs and I've a tech talk on details of construction and challenges.

July- Directional coupler design and use.

How about a field trip to Cal Tech to their receiver lab? We have been invited. Tune up party

Aug. Get ready session for 10GHz and up contest

**Activity reported at the 2 February meeting:** Doug, K6JEY burned up an RLC TR relay with 1200 watts on 1296 MHz and did some other stuff; Dave, WA6CGR built some more waveguide transitions; Larry has 300w at 1296 MHz, a colonoscopy and removed cancer; Dick, K6HIJ talked about the fly swatter antenna vs. a dish; Jerry, N7EME did some low frequency standards testing; Pat, N6RMJ put a PLL into his 24 GHz rig; Chip, N6CA worked on the HI-Postisi beacon has a 1200 MHz repeater on the air and a 927 MHz repeater on the bench; Charles, K6PIP did some traveling; Larry KG6EG rebuilt his 10 GHz rig; Wayne KH6WZ has his 24 GHz rig working; Jeff, KN6VR built a 1296 MHz source; Chuck WA6EXV worked on his DSP-10; John, KJ6HZ has a 10 GHz rig working; Bob, WA6VHS did some 78 GHz stuff; Dan W6DFW did some stuff; Ken, W6DTA did some 1296 MHz amp work; Ray WA6OWM did some 10 GHz and 1296 MHz work; Dennis, WA6NIA sorted some stuff which he carried in for auction; Rich, KG6JKJ did some work on the Baker to Las Vegas race; Bill K0AWU talked about his aurora event and snow scatter; Howard WA6JGB has his 1296 MHz rig working; Ed, W6OYJ did some GPS work; Kerry, N6IZ has a optical beacon (red 725THz on the air and is working toward an repeater; Tom WB6UZZ worked on misc projects; Dick WB6DNX cleans shop again for auction; Mel WA6JBD worked on Cactus hardware; Chris N9RIN worked at the LAB ; Art KC6UQH reported activity over the ATV net.

**The Annual SBMS Dinner** at the Ridgecrest Sizzler had a group of 30 SBMS members and spouses and Ridgecrest Sierra Amateur Radio Club members present. The food was good and the main show was an updated OVRO presentation by Dennis, WA6NIA. Two new SBMS Senior members were presented their certificates: Mel, WA6JBD and Larry K6HLH. Thanks to Chuck, WA6EXV and Bill WA6QYR for setting the dinner up.



#### **Email stuff**

Hello SBMS Members, as I mentioned at last week's SBMS meeting, we have a time slot for microwave presentation at the SW Division Convention on Sunday morning, September 24<sup>th</sup> in San Diego. That is the weekend after the 10 GHz and Up Contest. For information about the Convention, check the web at

<http://www.sandarc-conv2006.org/>





Wayne KH6WZ 24 GHz rig power display.



Wayne's rig in side the box..



Another view inside the box.



KH6WZ rig in the field.



while out roving.

Wayne's power source





**Wayne, KH6WZ** 24 GHz rig in the field.

The **San Bernardino Microwave Society** is a technical amateur radio club affiliated with the ARRL having a membership of over 90 amateurs from Hawaii and Alaska to the east coast and beyond. Dues are \$15 per year, which includes a badge and monthly newsletter. Your mail label indicates your call followed by when your dues are due. Dues can be sent to the treasurer as listed under the banner on the front page. If you have material you would like in the newsletter please send it to Bill WA6QYR at 247 Rebel Road Ridgecrest, CA 93555, [bburns@ridgecrest.ca.us](mailto:bburns@ridgecrest.ca.us), or phone 760-375-8566. The newsletter is generated about the 15<sup>th</sup> of the month and put into the mail at least the week prior to the meeting. This is your newsletter. SBMS Newsletter material can be copied as long as SBMS is identified as source.

San Bernardino Microwave Society newsletter  
247 Rebel Road  
Ridgecrest, CA  
93555  
USA