



# **WACOM HAM**

**JANUARY 2008**

**HAPPY NEW YEAR**

## **WELCOME TO ALL MEMBERS**

*This is a new year and the best to you and yours. We start the new year out with a big thanks to Jacque N3ZEL and Susan KB3JHQ for a job well done over their last terms as president and secretary.*

### CLUB OFFICERS:

President: Bud Plants, N3TIR: [bud@bnelectronics.com](mailto:bud@bnelectronics.com)

Vice President: Kevin Beatty, KB3JHO; [KB3JHO@arrl.net](mailto:KB3JHO@arrl.net)

Secretary: Bill Sheehan , KB3LIX; Treasurer:: [sheehanbill@hotmail.com](mailto:sheehanbill@hotmail.com)

Ed Oelschlager, N3ZNI; [n3zni@arrl.net](mailto:n3zni@arrl.net)

### DIRECTORS:

Director: Open for Nominations

Director: James Burtoft, KC3HW: [jburtoft@verizon.net](mailto:jburtoft@verizon.net)

Director: Dave Demotte, N3IDH; [n3idh@hotmail.com](mailto:n3idh@hotmail.com)

### WEBMASTER:

Joe Caldwell, N3XE; [joecaldwell.jc@gmail.com](mailto:joecaldwell.jc@gmail.com)

WACOM WEB SITE <http://wacomarc.org>

***EVERY ONE HAD A GREAT TIME AT THE  
2007 CHRISTMAS PARTY  
(Even Ziggy)***



# January General Meeting

Our next general meeting will be held at 7:30 p.m. January 3rd 2008 in room 103 at the Washington County Building on Beau. St. Washington, PA

## **Special points of interest:**

- BY-LAWS
- SPORT SHOW
- NONIMATIONS OF 3RD BOARD MEMBER
- 2-METER CONTEST
- Sat. January 12th, 2008 7:00 to 11:00pm
- Check with Wash club for rules [www.n3sh.org](http://www.n3sh.org).

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Wacom Board Meeting will be held at the Krispy Kreme Building, Washington, PA. on January 31, 2008 at 7:30 p.m.  
Any member can attend.

The following is an interesting article that Joe Stout  
KA3MZ8 forwarded to me.

### **144 MHz contact by bouncing signals from ISS**

On the Moon-Net reflector **Bernd DF2ZC** reports that he has successfully had a CW contact on 144 MHz by bouncing his signal from the structure of the International Space Station (ISS).

The posting says: Triggered by **Peter SM2CEW**'s attempts to complete a QSO by using the ISS as a reflector, **Frank DH7FB** and I decided to try that as well.

From Peter's experience (and also Frank's when SWLing Peter's tries) we believed it would be worthwhile considering BPSK63 as this would enable us to exchange all information within few seconds only (using the EME report and QSO rules).

However with the first tries on 8 December we quickly had to realize the amazingly quickly changing large doppler makes use of this mode impossible and we returned back to good old CW since this is also copyable at such a situation when you are not 100% tuned on the signal.

The second try today Sunday 9 December at ISS orbit 51845 starting with a common window at 1626Z we copied signals at elevations of > 20 degrees and within a minute exchanged all data. Signal reports were about S3...S5 (DF2ZC running only 300 watts out). It was a tough task to follow the quick doppler changes and also adjust elevation and azimuth rotators. Two hands is at least one too few...

That was a thrill! And now we are celebrating. . .

And we will try more QSOs in the coming days.

BTW <http://www.n2yo.com/> gives a nice live Google Earth graphics display of ISS and other satellites.

