

# The Repeater Rag

Volume 30 Number 1

## NEWSLETTER OF THE DENVER RADIO LEAGUE

### A CLUB DEVOTED TO QUALITY AMATEUR RADIO

Published in Centennial, Colorado

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#### REPEATER LOCATIONS:

146.88Ø ..... Warren Mountain

146.64Ø ..... Centennial Mountain

449.6ØØ ..... Lockheed Martin Company

145.Ø5Ø ..... Digi - Lockheed Martin Company

#### Repeater Identifier: WAØKBT

DRL website: [www.denverradioleague.org](http://www.denverradioleague.org)

or [www.eoss.org/drl](http://www.eoss.org/drl)

*The Denver Radio League is open to all licensed amateur radio operators. Repeater usage is limited to properly licensed hams.*

#### Membership dues and renewals

~ Please make checks (\$15) payable to  
Denver Radio League or DRL ~

Remit to: Al Cooley, NØAUS

6199 South Broadway

Littleton, Colorado 80121-8016

For information, contact Al at:

303-794-6511 or on the 146.88Ø Repeater



#### MEMBERSHIP MEETING

#### REMINDER

TUESDAY, FEBRUARY 20, 2007

7:00 TO 9:00 P.M.

**BEMIS PUBLIC LIBRARY**

PLEASE REMEMBER: WE MUST BE OUT  
BEFORE OR BY 9:00 P.M.

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1. "ANTENNA, WHY YOU SAY IT" contributed by Larry Noble, NØNDM
  2. REMEMBERING A SILENT KEY, EILEEN ARMAGOST
  3. SWAPFESTS???, EILEEN ARMAGOST
  4. Amateur Oxymorons, Alan Applegate (KØBG) on November 14, 2006
- 



May this Valentine's Day,  
February 14th, be filled  
with love, understanding,  
and contentment  
as you journey  
through life  
with those you  
hold dear

Ye Editor,  
Eileen Armagost, WDØDGL

# Antenna, Why You Say It

contributed by Larry Noble, NØNDM

Webb B. Garrison, "Why You Say It" Abingdon Press

Long before the Christian Era, shipbuilders developed rather elaborate rigging. Greeks borrowed or invented the custom of hanging certain sails from horizontal arms, or yards. Such a timber was given a special name coined from a phrase meaning "to stretch out." Romans adopted the Greek device and modified its name to antenna, in which form it became standard among seamen.

Centuries later a noted naturalist was translating Aristotle's famous book about animal life. He was familiar with the ship's yard, or antenna, so used that term to stand for what Aristotle had called the "horns" of insects. Most scientific works of the sixteenth and seventeenth centuries were written in Latin, so the sea-born designation for a bug's feelers won general acceptance.

Development of radio led to invention of receiving devices that resembled the antenna of an insect, so the old name attached to the new gadget. Naturally it was passed along to the more elaborate receptors devised for television. Though more than twenty centuries lie between rigging of early Greek ships and modern TV antenna, the much-traveled name retains the original metaphor.



## Yagi antenna From Wikipedia, the free encyclopedia

The Yagi-Uda antenna was invented in 1926 by Shintaro Uda of Tohoku University Sendai, [Japan](#), with the collaboration of Hidetsugu Yagi, also of Tohoku University. Yagi published the first English-language reference on the antenna in a [1928](#) survey article on short wave research in Japan and it came to be associated with his name. However, Yagi always acknowledged Uda's principal contribution to the design, and the proper name for the antenna is, the Yagi-Uda antenna (or array).



The Yagi was first widely used during World War II for airborne [radar](#) sets, because of its simplicity and directionality. The Japanese military first became aware of this technology after the Battle of Singapore when they captured the notes of a British radar technician that mentioned "yagi antenna". Japanese intelligence officers did not even recognize that Yagi was a Japanese name in this context. When "questioned" the technician said it was an antenna named after a Japanese professor. (This story is analogous to the story of American intelligence officers interrogating German rocket scientists and finding out that Robert Goddard was the real pioneer of rocket technology even though he was not well known in the US at that time.)

Ironically, many Japanese radar engineers were unaware of the design until very late in the war, due to inter-branch fighting between the Army and Navy. Arrays can be seen on the [nose cones](#) of many WWII aircraft, notably some versions of the German Junkers Ju 88 fighter-bomber and the British Bristol Beaufighter night-fighter and Short Sunderland flying-boat. Indeed, the latter had so many antennae elements arranged on its back it was nicknamed the "Flying Porcupine" by German airmen.

*Remembering a Silent Key who provided tremendous legal support to the Ham community in many areas for many years!*



*Marshall Quiat*

**Celebrating the Life of  
Marshall Quiat**

March 10, 1922 ~ Denver, Colorado  
October 15, 2006 ~ Denver, Colorado



**Grant-Humphreys Mansion**  
Wednesday, November 1, 2006  
770 Pennsylvania Street  
Denver, Colorado  
One thirty in the afternoon

**Interment**  
Fort Logan National Cemetery  
Denver, Colorado



**Memorials**  
Colorado Public Radio at Bridges Broadcast Center  
7409 South Alton Court, Centennial, Colorado 80112

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Arapahoe County ARES is now listed on the  
Wikipedia® on-line encyclopedia:  
[http://en.wikipedia.org/wiki/List\\_of\\_amateur\\_](http://en.wikipedia.org/wiki/List_of_amateur_radio_organizations#United_States)  
[radio\\_organizations#United\\_States](http://en.wikipedia.org/wiki/List_of_amateur_radio_organizations#United_States)  
Ben Baker, KBØUBZ

## SWAPFESTS???

I searched numerous radio clubs and the ARRL website and finally found 3 listed for 2007. All the others were for as far back as 2002 up thru 2006 and I didn't think there would be much interest in those. So, the following are what I found:

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### FEBRUARY 11, 2007

AURORA REPEATER ASSOCIATION  
TALK-IN: 147.15/R (+)

**Contact:**

Wayne Heinen, NØPOH  
303-699-6335  
Email: [n0poh@arrl.net](mailto:n0poh@arrl.net)  
Brighton, CO  
Adams County Fairgrounds  
9755 Henderson Road

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### APRIL 7, 2007

LARCFEST  
LONGMONT AMATEUR RADIO CLUB  
[HTTP://WWW.LARCLUB.ORG](http://www.larclub.org)  
TALK-IN: 147.27 (PL 100) AND 147.52

**Contact:**

Ray Warren, W9LQM  
2445 Mapleton Circle  
Longmont, CO 80503  
Email: [mail@larclub.org](mailto:mail@larclub.org)  
Longmont, CO  
Boulder County Fairgrounds  
9595 Nelson Road

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### AUGUST 19, 2007

DENVER RADIO CLUB  
[HTTP://WWW.W0TX.ORG](http://www.w0tx.org)  
TALK-IN: 146.490 (-600KHZ)  
448.625 (-5MHZ)  
100 HZ TONE ON EITHER

**Contact:**

Bryan Steinberg, KC0CUA  
Phone: 303-987-9596  
Email: [kc0cua@arrl.net](mailto:kc0cua@arrl.net)  
Golden, CO  
Jefferson County Fairgrounds  
15200 West 6th Avenue

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Interested? Just mark your calendars!  
I'll hopefully have better lists as they are  
developed in the future ...

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Alan Applegate (KØBG) on November 14, 2006  
<http://www.eham.net/articles/15213>

## Amateur Oxymorons

The term oxymoron is in itself, a contradiction of terms. As a literal Greek translation, it means *sharp* and *dull*. It's often applied to contradictory and/or redundant expressions. One of my favorites is *crooked politician*. Or how about *clearly ambiguous*?

Some Oxymorons are verbose statements. Take this line from William Shakespeare's *Romeo and Juliet*. *Feather of lead, bright smoke, cold fire, sick health!* Or how about *made from natural synthetic fibers*?

To be sure, some of the following words and phrases are more like pet peeves than Oxymorons. A few of them came from friends. The remainder I've either heard on the air, or read within amateur-related literature. Some of them were from these very pages!

If you have a few of your own, or don't agree with my choices, feel free to comment. Careful though, some are loaded so to speak.

3s  
59 plus 20.  
73s  
8s  
88s  
100% Average Power.  
161  
Accurate S-Meter.  
AKTR.  
Aligned Irregularities.  
Amateur Ham.  
Antenna Tuner.  
Azimuth Elevation.  
Bargain Coax.  
Bench Mark.  
Bright Shadow.  
Chaotic Certainty.  
Closed Repeater.  
Cold Heat.  
Colinear Array.  
Common Anomaly.  
Dummy Load.

*Eyeball QSO.*  
*First Harmonic.*  
*Flat SWR.*  
*Got the 2 by 2, and thanks for the new county.*  
*Guy Wires.*  
*Heat Sink.*  
*HiFi ESSB.*  
*High power QRP.*  
*I can work any station I can hear.*  
*I'm Destinated.*  
*Linear Distortion.*  
*Local DX.*  
*Negative Modulation.*  
*Ohm's Opinion.*  
*On 17 meters, it out performs my G5RV.*  
*Outside Enclosure.*  
*Perfect Ground Plane.*  
*PL259 coax connector.*  
*Power Mod.*  
*QRZ the frequency.*  
*Radio Shack.*  
*Reflected SWR.*  
*Residence Dipole.*  
*Roger, QSL.*  
*Schematic Diagram.*  
*Semi-duplex.*  
*Square Quad.*  
*Thermal Resistance.*  
*Tidy Shack.*  
*Universal Solvent.*  
*Variable Roller Inductor.*  
*Varying Modulation.*  
*What's my report? One more time? Again please? Eh? Oh, thanks for the 59. Good luck in the contest.*  
*Who's Eli the iceman?*  
*Zero Resistance.*

**Alan, KØBG**  
[www.k0bg.com](http://www.k0bg.com)

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You may find this website interesting! There are comments from others with their ideas of additional oxymoron's to share. Visit Alan's website for additional fun information.

73 and 88,  
Eileen, WDØGL  
Editor