

# NOVEMBER 2024 INDEX OF FEATURED ROUNDTABLE ARTICLES

This index is updated monthly on the W0TX web site. This index lists unique articles submitted by various writers. Please notify W6OAV at [w6oav@arrl.net](mailto:w6oav@arrl.net) if any errors are found.

## ANTENNAS

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Build a PVC J Pole (W6OAV)	Jan 2013
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N6LF's Antenna Publications (W6OAV)	Jul 2024
Rain Gutter Antenna (WM0G)	Oct 2009
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### **ANTENNA ACCESSORIES**

Analyzing Antenna Analyzers (W6OAV)	Mar 2008
Coax Versus Ladder Line (KC8AON & W6OAV)	Jul 2018
Coax- What Should I Buy? (W6OAV)	Sep 2007
Is a Balun Required with a Dipole (W6OAV)	Apr 2024
No VHF SWR Meter? No problem (KB6NU)	Apr 2010
Should the PL259 Connector be Used at VHF/UHF? (W6OAV)	Jul 2024

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A Index, K Index and SFI Explained (W6OAV)	Sep 2010
Are We Ready? (for flares) (W6OAV)	Feb 2024
Demonstration of Antenna Radiation Patterns (W6OAV)	Jul 2023
Difference Between Near and Far Fields (W5LEF)	Mar 2013
Does Weather Affect Radio Signals	Mar 2023
HF Communications (NOAA)	Feb 2015
HF Ground Wave Propagation Losses (W6OAV)	Apr 2019
Interpreting Roundtable Solar Charts (W6OAV)	Sep 2010

Keeping Track of Solar Activity (KB0A)	Mar 2008
Our HF Bands & What Can We Expect? (AA0JK)	Dec 2022
Radio Horizon (W6OAV)	Jan 2018
Sea Water Vs Fresh Water (W6OAV)	Apr 2021
Using HAP Propagation Charts (W6OAV)	Jan 2011
VHF/UHF Path Loss (W6OAV)	Oct 2024
VHF Propagation Explained (VK3AFW)	Jan 2011
Weather & Topography Affect VHF/UHF Waves? (W6OAV)	JUL 2023
What Happened to My Mobile Signal? (W6OAV)	Aug 2007
What is your LOS? (W6OAV)	Jun 2024
Work DX via Sporadic E – Part 1 (W6OAV)	Jan 2009
Work DX via Sporadic E – Part 2 (W6OAV)	Feb 2009
Work DX via Sporadic E – Part 3 (W6OAV)	Mar 2009
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### COMPUTERS

A Computer & TV Interference Cure (W6OAV)	Dec 2012
Safe Wi-Fi Computing – Intro (W6OAV)	Sep 2011
Safe Wi-Fi Computing – Part 1 (W6OAV)	Oct 2011
Safe Wi-Fi Computing – Part 2 (W6OAV)	
Safe Wi-Fi Computing – Part 3 (W6OAV)	Dec 2011
Safe Wi-Fi Computing – Part 4 (W6OAV)	Jan 2012
Safe Wi-Fi Computing – Part 5 (W6OAV)	Feb 2012
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What's in a PI? (WA2MZG & AA2YV)	Nov 2107

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Bits Verses Bauds (W6OAV)	Jun 2017
BrandMeister Explained (W6OAV)	Feb 2017
Can't Match Antenna on One Band (W6OAV)	Apr 2014
DMR / BrandMeister Primer (W6OAV)	Aug 2023
Does Weather Affect Radio Signals? (W6OAV)	Oct 2023
Does Weather & Topography Affect VHF/UHF? (W6OAV)	Nov 2023
Echolink 101 (KC0CZ)	Jul 2008
Explanation of Sun Spot Numbers	Jul 2010
Exploring Rechargeable Batteries (VK3YE)	Dec 2020
FT8 Guides (W6OAV)	May 2024
Free Antenna and RF Propagation Course (W6OAV)	Aug 2021
Fusion Confusion (W6OAV)	May 2023
How Does Your Station Connect to Wi-Fi? (W6OAV)	Jun 2018
How Far Does My Ground Wave Go? (W6OAV)	Nov 2007
Intro to MOTOTRBO™ (KB0A)	Jul 2012
NVIS – Propagation & Antennas (AA0JK)	Oct 2022
Observing Band Edges – Correction (KB0A)	Mar 2008
Observing Band Edges (KB0A)	Feb 2008
Popular Amateur Digital Modes (W6OAV)	Aug 2024
Reliability for “Techies” (N0LAJ)	Mar 2012
Should I Use an Antenna Tuner? (AA0JK)	Apr 2017
Spatial Interference Filtering Techniques (VE6EY)	Feb 2019
SSB – Why Do We Use It? (AA0JK)	May 2022
SWR Varies With Power, Why? (W6OAV)	Feb 2021
The Difference Between Watts & VA (Raposa)	Feb 2013
Understanding DMR Code Plugs (W6OAV)	Apr 2017
What's Happening to HF Propagation (W6OAV)	Mar 2018
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Whistling On the Radio (KF5LTT)	Dec 2018

VARA Weak Signal Digital Mode (W6OAV)	Oct 2023
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Why Digital Rather Than Analog Communications? (W6OAV)	Nov 2024

## TIPS

5 Band CW Field Transceiver (KM4CFT)	Sept 2024
450+ Amateur Radio Links (W6OAV)	Dec 2022
The Digital Library of Amateur Radio (DLARC) (W6OAV)	May 2024
Neat way to Check Coax Loss (KB4PIX)	Apr 2023
A Fantastic Website for Mobileers (W6OAV)	Nov 2019
A Radial Plate for Cheapskates (K3AN)	Feb 2019
APRS & Repeater Book While Travelling (W6OAV)	Mar 2014
Attention DMR/BrandMeister Users (W6OAV)	Sep 2018
Best Height for a VHF/UHF Antenna (W6OAV)	Aug 2024
Beware of Public USB Charging Stations (W6OAV)	Sep 2018
C4FM: DN or VW - Which Mode to Use? (KF0UV)	Mar 2021
Custom Opening Screen – MD 2017 (KC2CAG)	Apr 2018
Cut Down Ignition Noise (N0OBA)	May 2015
Did You Know – Solder (KR0P)	Feb 2017
Different Soil Types (VK6FLAB)	May 2018
DMR, Fusion or D-Star (W6OAV)	Mar 2021
Don't Get "Juice Jacked" (W6OAV)	Oct 2022
Electro-Static Discharge (ESD) (AA0JK)	Apr 2018
Entering a Contest (W0RAA)	Oct 2008
Free On-Line Ham Magazines (W6OAV)	Aug 2018
Getting Started in Emergency Comms (K0SSE)	Oct 2007
Grid Here is FN13CD43 (K2SI)	Mar 2018
HF Propagation & Sun Activity for Ham Radio Operators	Aug 2024
How to Send "@" or "%" in Morse Code	Dec 2012
Hunting for the Perfect SWR (VK6FLAB)	Mar 2018
Installing an RF Ground (KB0NHX)	Dec 2014
Interconnecting Batteries for a Balanced Bank (W6OAV)	Oct 2018
Learning Morse Code (AA0JK)	Jun 2022
Lightning Safety Tips	May 2009
Lighting and Radio (K0KPS)	Jul 2022
Lithium Battery Experiments (K8OCL)	Jan 2017
Lithium Battery Overcharge Danger (Martek Int)	Apr 2013
Locating Mobile Ignition Noise (W6OAV)	Oct 2007
Low-Cost Ham Radio Assemblies & Parts (WA7EM)	Mar 2023
Memory Effect Myth (K8RIC)	Nov 2020
Monitor DMR Without a Radio (W6OAV)	Nov 2022
Mysterious Radio Signals (W6OAV)	Jun 2022
No Outside HF Antennas? No Problem (W6OAV)	Feb 2021
Payroll Bill and Amateur Radio Study (KF0RW)	Mar 2012
Prepping Basics & Ham Radio (AA0JK)	Nov 2019
Recognizing Ham Digital Modes (W6OAV)	Jun 2019
RepeaterBook – A Must Have APP (W6OAV)	Dec 2013
Power Pole Connectors, Installing	Mar 2014
RF Safety Assessment (W6OAV)	Jul 2021
Rusty Tower Bolts?	Jul 2013
Satellite Amateur Radio (AA0JK)	Nov 2022
Simon's World Map (W6OAV)	Nov 2024
Simplify Soldered Splices (W6OAV)	Mar 2010
Solder Tips ((KR0P)	Apr 2016
Try Ham Data Protocols for FREE (W6OAV)	Jul 2019
Tune Shortwave Without a Radio (W6OAV)	Aug 2018

USB Confusion (W6OAV)	Sept 2024
Use Your HF SWR Meter on VHF/UHF (W6OAV)	Jan 2021
Verify Your Ham Plate Registration (W6OAV)	Jan 2010
What's It Worth? – WEB Site (W6OAV)	Feb 2011
ZUMspot (AC0VC)	Oct 2018

### CLUB MEMBER'S ACTIVITIES

Air Venture 2019 (AA0JK)	Sept 2019
ARRL at Oshkosh (AA0JK)	Aug 2018
A Walk on the Cool Side (WG0N)	Jun 2015
Boy Scout Jamboree on the Air (W0UI)	Nov 2013
BrandMeister Move Relocation has Begun (W6OAV, K0HTX)	May 2017
Centennial Cone Project (W6OAV)	Sep 2008
Centennial Cone Antenna Work Party (W0GV)	Jul 2015
DRC at BARCfest (KB0A)	Oct 2012
DRC/Saturn Station Now Has NVIS (W6OAV)	Aug 2011
DRC Members Work at Table Mountain (K0HTX)	Nov 2013
EAA Airventure 2016 Oshkosh (AA0JK)	Sep 2016
Exploring 60 Meters (WB0HBJ/W6OAV)	Feb 2011
Franktown Repeater Installed (W6OAV)	Aug 2014
Lakewood Reservoir EOC Exercise (AA0JK)	Dec 2018
My ARRL/W1AW Experience (AC0VC)	Sep 2010
New 220 MHz Repeater (W6OAV)	Mar 2020
Removal of AG0X's Tower (AC0VC, WG0N)	May 2012
Squaw Mountain After the Storm (WG0N)	July 2016
The DRC, TSA & the 2008 DNC (K0SSE)	Oct 2008
Tour of CBS4 (W6OAV)	Aug 2010
Up in the Air Again (KC2CAG)	Aug 2019
Voter Repeater Project (N0LAJ)	Sep 2014
W0QL/W6OAV QRP Expedition – Part 1 (W6OAV)	Nov 2008
W0QL/W6OAV QRP Expedition – Part 2 (W6OAV)	Dec 2008
Working the World With JT65 (W6OAV)	Oct 2011
W0TX Wires-X Repeater is Online! (W6OAV)	Jul 2020

### PROJECTS

Amateur Digital TV to Denver – Part 1 (WA6RZW)	May 2011
Amateur Digital TV to Denver – Part 2 (WA6RZW)	Jun 2011
Belkin FM Transmitter Power Supply (WK0C)	Jul 2008
Discipline for a Walmart Clock (WA6RZJ)	Feb 2012
DMR to Fusion via RFSHark (AA0DH)	Feb 2018
Frequency Measurements Methods (WA6RZJ)	Jun 2013
HF Demonstration (K0HVA)	Mar 2013
How About a New Kit to Build? (CT1EHO)	Nov 2013
Radiation Monitoring & Ham Radio (KB0BZZ)	Apr 2011
Raspberry Pi Web Server (W0QL)	Oct 2013
Repeater move at St. Anthony Hospital – (AD0GX)	Aug 2019
Sound Card Packet (W0BKZ)	Jun 2008
Super Charge your MD-380/MD390 (W6OAV)	Oct 2017

### MISCELLANEOUS

A CW Operator's Kind of Wine (W6OAV)	Feb 2011
Ah! The Joy of Pounding Brass (aka CW) (AA0JK)	Nov 2019
All is Not Quiet in Your Ham Shack (W6OAV)	Nov 2016
An Interesting Mystery HF Signal (W6OAV)	Sep 2017
Aquatenna- FAKe Industries (W6OAV)	Aug 2013
Are You Addicted to Ham Radio? (Submitted by W6OAV)	Jun 2019

Atop Squaw Mountain (W0WYX)	Nov 2007
Cosmic Rays Hit Space Age High (Phillips)	Dec 2009
Community Emergency Response Team (KD0SQA)	May 2014
DPS to Study Emergency Communications	Jan 2010
DRC DMR Repeater goes BrandMeister (W6OAV)	Dec 2016
Echolink, Effective Use (W6OAV)	Jan 2015
1 <sup>st</sup> Responders not Sold on Digital Radios (KB6NU)	May 2018
Fox Hole Radio (AA0JK)	Jul 2015
Going Stealth (AA0JK)	Apr 2018
Hams and the Blitz (W6OAV)	Apr 2024
Happy 100 <sup>th</sup> Birthday to the DRC (W6OAV)	Sep 2017
Ham Radio Internet TV Programs (W6OAV)	Jul 2011
Hams Who Helped Win WWII (W6OAV)	Nov 2021
History of the Car Radio (N8UDL)	Jul 2020
History of Communications (W6OAV)	Feb 2023
History of Ham Radio (W6OAV)	Dec 2019
History of RTTY (Lincoln Log – Submitted by W6OAV)	Nov 2020
History of the Transistor (W6OAV)	Apr 2021
How long will a Flash Drive Last? (West Lakes ARC)	Dec 2021
List of many ham podcasts (W6OAV)	Feb 2020
Listen to the Geosynchronous Satellite (W6OAV)	Jun 2020
Listen to Ham Programs on Shortwave (W6OAV)	Jun 2018
Monitor Lightning Strikes (W6OAV)	May 2022
Morse Code Goes to Mars (W6OAV)	Nov 2012
Morse Code Invented April 27th, 1791 (AA0KL)	May 2020
My Maritime Mobile Antenna Experience (KD6VKW)	Oct 2015
NASA Tool Allows Exploration of Ionosphere	Mar 2009
New Use for Old Radio Technology in Afghanistan	Jan 2012
NSB Engineer – Honea History (WV0Z)	Nov 2018
Origin of “Ham Shack” (submitted by W6OAV)	Aug 2019
OTHR Systems (W6OAV)	Dec 2022
Readability Reports (KB6NU)	Aug 2016
Spy Radios (W6OAV)	May 2019
Spy Radios and CIA Bugs (W6OAV)	Nov 2024
TSA and the Waldo Canyon Fire (KD0CXX)	Aug 2012
TWiT.tv (W6OAV)	Dec 2019
USB vs LSB Band Plan? (AA0JK)	Nov 2021
W0TX Makes QST Magazine (W6OAV)	Sep 2010
What is an Elmer? (AJ0C)	Aug 2007
What Lightning Can Do to a Ham Shack (W0GV)	Jul 2014
Where Are the Hams in My Neighborhood? (W6OAV)	Oct 2024
Where Does 468 Come From? (N0AX)	Mar 2019
Why Are Amateurs called “HAMS”? (FL Skip)	Mar 2009
Why is the letter “i” used for current? (KG6RZG)	Jul 2009
Why the Bluetooth Name (W6OAV)	Jan 2020
Wings Over the Rockies Ham Station (WG0V)	May 2010
World’s First HT (W6OAV)	Oct 2021
WWII 500W Mobile AM/CW Transmitter (W6OAV)	Apr 2020
Yaesu Fusion Demystified (W0GV)	Jul 2015
73 Magazines on Line (W6OAV)	May 2015
<b>“REMEMBER WHEN?” ARTICLES</b>	
807’S and Beer Can Verticals (W6OAV)	Jun 2012
Allied Radio, Knight-Kits & Cycle 19 (W6OAV)	Jan 2014
AM Verses SSB Wars (W6OAV)	Jan 2010
CK722 the First Hobby Transistor (W6OAV)	Jun 2011

Conelrad (W6OAV)	Jun 2010
FM Repeater Systems in 60s (W6OAV)	Oct 2010
Ham News & RCA Ham Tips (W6OAV)	Nov 2012
Ham Stamp (W6OAV)	Jul 2012
History of CB (W6OAV)	Apr 2020
History of Heathkit (W6OAV)	Jan 2019
HTs in the 50s and 60s (W6OAV)	Jun 2016
Job Ads For Hams in QST (W6OAV)	Oct 2013
License Testing in 50's/60s (W6OAV)	Sep 2010
Mobile Antennas in the 50s (W6OAV)	Apr 2011
Mobile Logging Requirements (W6OAV)	Aug 2010
Past Denver Ham Stores (W6OAV)	Aug 2020
PE-103 Dynamotor & Mobiles (W6OAV)	Jun 2014
Powering HF mobiles in the 50s (W6OAV)	Jul 2010
Radio Shack As It Was (W6OAV)	Nov 2014
Radio Shack Memories (W6OAV)	Dec 2023
Russian Woodpecker (W6OAV)	May 2016
The First Issue of the Roundtable (Dec 1954)	Dec 2016
Tuning Frequencies With Analog Dials (W6OAV)	Jul 2015
Tuning Antennas in the 50's (W6OAV)	Jul 2011
Using Q Multipliers (W6OAV)	Nov 2010
Webster Band Spanner (W6OAV)	May 2010
W0WYX on Squaw Mountain in the 60s (W6OAV)	Dec 2015

#### **QUESTION OF THE MONTH**

As a New Ham How do I Get Active? (W6OAV)	Oct 2012
Better HF Mobile Antenna, Why Higher SWR? (W6OAV)	Feb 2020
Can Tech Use the HF Packet Gateway? (W6OAV)	Jan 2015
Ground Plane vs J Pole? (W6OAV)	Oct 2020
HF Sloper Antennas in Small Yards? (W6OAV)	Dec 2021
HF vs VHF Antennas on 3 <sup>rd</sup> Harmonics? (W6OAV)	Dec 2019
High VHF Whip SWR (W6OAV)	May 2020
How do I determine what repeaters I can use?	Sep 2012
How do dual band verticals work? (W6OAV)	Mar 2015
How do I know what repeaters are active? (W6OAV)	Nov 2012
How does a 5/8 wavelength vertical achieve gain? (W6OAV)	Nov 2019
J Pole vs Slim Jim (W6OAV)	Sep 2020
My hotspot can't connect to W0TX Fusion. (W6OAV)	Aug 2020
New Coax – Worse SWR? (W6OAV)	Jan 2021
Radials needed with a long ground rod? (W6OAV)	
Radials, 90 or 45 Degrees? (W6OAV)	Sep 2019
Vee vs Dipole (W6OAV)	Oct 2019
What is QRP? Why operate QRP? (W6OAV)	Nov 2021
Why Different Dipole Gains? (W6OAV)	Mar 2022

Submit corrections to [w6oav@arrl.net](mailto:w6oav@arrl.net)