

## **Newcomers and Elmers Net: YouTube Gems and Web Resources**

**Robert AK3Q**

**08.13.17**

### **Amateur Radio Resources (In No Particular Order)**

#### **ARRL (American Radio Relay League)**

[www.arrl.org](http://www.arrl.org)

#### **OHKYIN Amateur Radio Society**

<http://www.ohkyin.org/index.php>

#### **R&L Electronics**

<http://www.randl.com/shop/catalog/>

#### **Universal Radio**

<http://www.universal-radio.com/catalog/index2.html>

#### **Ham Radio Outlet**

<http://www.hamradio.com/>

#### **GigaParts Store**

<http://www.gigaparts.com/>

#### **eQSL.cc Electronic QSLs**

<http://www.eqsl.cc/qslcard/Index.cfm>

#### **Logbook of the World**

<https://lotw.arrl.org/lotwuser/default>

#### **eHam Product Reviews**

<http://www.eham.net/reviews/>

#### **QRZ Call Sign Lookup**

[www.qrz.com](http://www.qrz.com)

#### **FCC Database**

<http://wireless.fcc.gov/uls/index.htm?job=home>

#### **DXZone – All things radio**

<http://www.dxzone.com/>

#### **Ham Universe**

<http://www.hamuniverse.com/>

<http://www.hamuniverse.com/hamradiovideos.html>

#### **Ham Radio Tests Online**

<http://www.hamradiolicenseexam.com/>

<http://www.qrz.com/hamtest/>

<http://aa9pw.com/radio/>

<http://www.eham.net/exams/>

#### **Exam Finder**

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

#### **Online TV Shows**

<http://twit.tv/show/ham-nation>

#### **HTML and Web Programming**

<http://www.w3schools.com/>

#### **License Search/Vanity Call Check**

[www.ae7q.com](http://www.ae7q.com)

[www.radioqth.net](http://www.radioqth.net)

## **Morse Code Training**

[www.lcwo.net](http://www.lcwo.net)

## **Satellite Stuff**

<http://ka7fvv.home.comcast.net/~ka7fvv/satellite.htm>

## **Radio Reference Material**

[www.ac6v.com](http://www.ac6v.com)

## **AK3Q Blog "All Things Radio" Links Page (~ 200 Links)**

[http://k4co.org/Greater Cincinnati Area Amateur Radio Nets.html](http://k4co.org/Greater_Cincinnati_Area_Amateur_Radio_Nets.html)

## Newcomers and Elmers Net

— HF Net Listings

[Amateur Radio HF Phone Nets Heard in Ohio](#)

## Resources

— Contest Calendar

[WA7BNM Contest Calendar: 8-Day Calendar](#)

[Equipment Manuals of all Kinds](#)

## — **Propagation and Weather**

[Space Weather](#)

[Sunspot Propagation](#)

[NZ4O "Weekly" MF/HF/6M Radiowave Propagation Forecast](#)

[SOLARHAM.com / Solar Cycle 24 / Spaceweather / Amateur Radio VHF Aurora Website](#)

[SOLARHAM.com / Solar Cycle 24 / Spaceweather / Amateur Radio VHF Aurora Website](#)  
[HF Propagation tutorial](#)

[HF Propagation and Solar-Terrestrial Data Website](#)

[AAØMZ'S HOMEPAGEAFTERNOON TRANSEQUATORIAL VHF PROPAGATION](#)

[Basics of Radio Wave Propagation](#)

[Introduction to Propagation](#)

[Ionospheric Propagation Maps | kg7hq.wetnet.net](#)

[WSPRnet | Weak Signal Propagation Reporter Network](#)

[VOACAP Online – professional-grade high-frequency \(3-30 MHz\) coverage area predictions](#)

[Unusual HF Propagation Phenomena](#)

[Propagation](#)

[Near-Real-Time MUF Map](#)

YouTube: [spaceweatherwoman – excellent propagation forecasts](#)

## — **Antique Radios**

[obsolete electronic components, electronic components items in www.tracktronics.com store on eBay!](#)

[Antique Radio Forums • View topic – fluke 1911a freq counter](#)

[Steve's Test Equipment Shop](#)

[TSM articles by KB8TAD](#)

[Technical books online](#)

[ACRAYARA](#)

[Nostalgia Air](#)

[Capacitor uF – nF – pF Conversion Chart](#)

<http://bama.edebris.com/manuals/hickok/19xd/>

[Restoration of Valve Communications Receivers](#)

[Adrian's Site Downloads – Manuals, Schematics & Articles](#)

[RadiolaGuy.com : Hickok Microvolt Generator model 191X](#)

[NJ7P SQL Tube Database Query](#)

[American Radio History: Documenting the History of Radio TV and FM broadcasting](#)

[KF5CZO: PACO C-25 Capacitor Tester](#)

[EICO 628 Vacuum Tube \(Valve\) Emission Tester](#)

[Eico Tube Testers – Tone Lizard](#)

[TubeSound » Blog Archive » Classic emission tube testers](#)

## — Radio

[Digital Modes Samples](#)

Raspberry Pi running WSPR

Raspberry Pi and Amateur Radio (there may be some overlap)

- <http://www.g0hwc.com/raspberry-pi-ham-radio.html>
- <http://www.raspberrypi.com/packages-list/item/71-raspbian-hamradio>
- <http://www.instructables.com/id/Raspberry-Pi-for-Amateur-Radio-VOIP-Echolink/>
- <http://www.dxzone.com/dx28937/raspberry-pi-ham-radio-packages.html>
- <https://openrepeater.com/>
- [http://www.southgatearc.org/news/2015/november/raspberry\\_pi\\_ham\\_radio\\_kits.htm#.V0fIn779ggs](http://www.southgatearc.org/news/2015/november/raspberry_pi_ham_radio_kits.htm#.V0fIn779ggs)
- <http://ag1le.blogspot.com/p/raspberry-pi.html>
- <http://n5dux.com/ham/raspberrypi/websdr.php>
- <https://partofthething.com/thoughts/?p=710>
- <https://www.jeffreykopcak.com/2015/10/13/running-fldigi-flmsg-and-flwrap-on-the-raspberry-pi-2/>

[http://k4co.org/Greater Cincinnati Area Amateur Radio Nets.html](http://k4co.org/Greater_Cincinnati_Area_Amateur_Radio_Nets.html)

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[EICO 628 Vacuum Tube \(Valve\) Emission Tester](#)

[Eico Tube Testers – Tone Lizard](#)

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Raspberry Pi running WSPR

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- <http://www.g0hwc.com/raspberry-pi-ham-radio.html>
- <http://www.raspberryconnect.com/raspbian-packages-list/item/71-raspbian-hamradio>
- <http://www.instructables.com/id/Raspberry-Pi-for-Amateur-Radio-VOIP-Echolink/>
- <http://www.dxzone.com/dx28937/raspberry-pi-ham-radio-packages.html>
- <https://openrepeater.com/>
- [http://www.southgatearc.org/news/2015/november/raspberry\\_pi\\_ham\\_radio\\_kits.htm#.V0fIn779ggs](http://www.southgatearc.org/news/2015/november/raspberry_pi_ham_radio_kits.htm#.V0fIn779ggs)
- <http://ag1le.blogspot.com/p/raspberry-pi.html>
- <http://n5dux.com/ham/raspberrypi/websdr.php>
- <https://partofthething.com/thoughts/?p=710>
- <https://www.jeffreykopcak.com/2015/10/13/running-fldigi-flmsg-and-flwrap-on-the-raspberry-pi-2/>

[N5DUX Ham Tools \\*\\*\\*](#)

[Running WSPR on Raspberry Pi \\*\\*\\*](#)

[History of Telecommunications](#)

[Dave's Radio Receiver Page – N9EWO](#)

[TrafficLand.com – Traffic Cameras, Traffic Video, Live Traffic Cams](#)

[Southgate Amateur Radio News](#)

[AD5X Articles](#)

[KB2VGH Website](#)

[Radio amateur activities of ON4SKY, LX4SKY](#)

[Welcome to SWLing.com – Your beginner's guide to shortwave radio](#)

[A few radio reviews \(shortwave and other\)](#)

[MONIX Military Monitoring](#)

[Crystal Radio Page](#)

[regenerative radio receivers](#)

<http://www.ominous-valve.com/hurricane.txt>

[MONIXWeb—Scanner Frequencies and Information for Cincinnati and Dayton](#)

[Grandad's Electronics](#)

[The College Amateur Radio Club Association](#)

[Radio-Locator](#)

[WELCOME TO THE AMLOGBOOK](#)

[Jill's DX440 / AT803-A Page](#)

[Magna Shortwave Database](#)

[FccTestOnline](#)

[Technical books online by dxzone.com](#)

<http://www.radio-locator.com/cgi-bin/pat?call=WHYN&service=AM&status=L&hours=D>

[www.DXFM.com FM and TV DX](#)

[RadioIntelligencer](#)

[Amateur Radio](#)

[Strong Signals – Radio Monitoring At Its Finest](#)

[Strong Signals – Sony ICF-SC1PC First Impressions](#)

[Battery Tech Central – Alinco Radio Batteries](#)

[Ham Radio Manual Sources](#)

[GE Ham News](#)

[LMR Coaxial Antenna Cable for Ham, CD & WFI | Times Microwave LMR400](#)

[swan manuals](#)

[SHORTWAVESTUFF](#)

[Antennas Radios Amplifiers Baluns and Receiving Systems for HF](#)

[The WireMan – Products for Amateur & Professional Radio since 1976](#)

[All Electronics | Electronic and Electro-Mechanical Parts and Supplies at Discount Prices Fair Radio Sales Company, Inc. — CatalogKV5R: Icom IC-706MkIIIG Mods and Tips](#)

[SSTV Easypal and MMSSTV](#)

[Bell System Technical Journal, 1922-1983](#)

[Summits On The Air – Welcome to SOTA!](#)

[Yaesu CAT Interfaces \[CT62\]](#)

[Display Reception Reports](#)

[APRS Paths And Digipeating 101](#)

[Kuhne electronic | TR 222 H](#)



[electronics tutorials for newcomers learn basic electronics for free](#)

[Absolutely Amateur Radio](#)

[W8AK Repeaters](#)

[MTS UPDATE 706 & Help Page](#)

[Ham Radio Videos](#) [TE Systems — Electronic Equipment](#)

[Taming A Hot Brick By Paul Bock, K4MSG](#)

[W7AIA, Training](#) [W3OI Radio Club](#)

[Howeth: Table of Contents \(1963\)](#)

[Technical books online](#)

[Update your FT-817, FT-857, or FT-897 with the new 60 meter channel | Right Angles](#) [CW Academy – Resources](#)

[OTR.Network Library \(The Old Time Radio Network\)](#)

[MFJ 259 antenna analyzer calibration, problems, and service warnings](#)

[Fox River Radio League](#)

[Worldwide HAM Radio QSL Website – Rankings – All Sites](#)

[E-skip, tropospheric ducting and other VHF propagation phenomena « Engineering Radio](#)

[Shortwave schedules around the world with frequencies in kHz and distance calculator](#)

[Realistic DX-160](#)

[Commercial Element 1 | NC4FB Amateur Radio](#)

[rtl-sdr – OsmoSDR](#) [Antique Electronic Supply](#) [download](#) [wacars](#)

[Upconverter – opendous – MF/HF Converter for Receivers – Open Hardware designs and related works by Opendous Inc. – Google Project Hosting](#)

[Low cost Software Defined Radio \(SDR\) Panorama | Scoop.it](#)

[Baofeng UV-5R](#) [Baofeng UV5R F-11](#) [UV5RA](#) [UV5RC](#) [UV5R+](#) [UV5RAX](#)

[Butler County VHF Association, Ohio](#)

[CWSU National TAF METAR maps – NOAA NWS](#)

[K1IW Amateur Radio Repeater and Broadcast Transmitter Database Websearch](#)

[Winpack – The World of Free Packet Software Amsterdam](#)

[SV2AGW.com \(Downloads\)](#)

[AmericanRadioHistory.Com – Documenting the History of Radio TV and FM broadcasting](#)

[Find Web Deals Online For Tools at Micro Mark](#)

[The Best Amateur Radio and Shortwave Apps for iOS and Android smart phones | The SWLing Post](#)

[Utility Monitoring Central](#)

[CCrane Radio EP Technical Page](#)

YouTube: [Thomas Witherspoon – Radio Reviews etc.](#)

YouTube: [Laboenligne.ca – “how-to” and equipment reviews in French and English](#)

YouTube: [MFJ Enterprises – Amp Info](#)

YouTube: [Rob Wagner – Radio and Electronics](#)

YouTube: [Sandydiesel – Digital Modes](#)

## **— General Shortwave**

[The NDB List Information Page](#)

[Bulgarian DX blog: Frequency change of Radio New Zealand International in English](#)

[Echo Charlie Pirates | Radio Pirates | Echo Charlie SW Listeners](#)

[Prime Time Shortwave – Your guide for English shortwave broadcasts](#)

[BROADCAST – Chelmsford Calling Network Short Wave Heaven Media Network Vintage Vault](#)

[Shortwaveology](#)

[The Shortwave Radio Audio Archive](#)

[SOUTH EAST ASIA DXING](#)

— **Internet “Shortwave”**

<http://www.publicradiofan.com/>

— **Milcom**

[Utility Planet](#)

[Russian Navy Callsigns | planesandstuff](#)

— **Air Monitoring**

[AirNav: KCVG – Cincinnati/Northern Kentucky International Airport](#)

[planeplotter / VDL mode 2](#)

<http://www.dxinfocentre.com/volmet.htm>

[U.S. VHF Channels](#)

— **DX Stuff**

[– dxwatch.com – web dx cluster](#)

[432 Mhz and Above EME Newsletters by K2UYH \(W6/PA0ZN\)](#)

[NG3K Amateur Radio Contest/DX Page](#)

[Short-Wave Frequency Schedule for BBC in ENGLISH at 05:37GMT](#)

[GoodDX – Home of the DXrobot](#)

[NCDXF Home Page](#)

[DX World – Ham Radio news for real DXers – Free DX Resource for all Radio Amateurs](#)

[DxCoffee – Hamradio Magazine – News, insights and everything about Amateur Radio](#)

— **Electronics**

[Basic Electronics](#) – New!

[Electronics Tutorials](#) – New!

[Electronics 101 theory course FREE online basic – advanced](#)

[Frequency Meter / Frequency Counter 10Hz-60MHz](#)

[Learning about Electronics](#)

[Double Superheterodyne Radio Receiver :: Radio-Electronics.Com](#)

[Build a 1000 MHz RF Spectrum Analyzer Inexpensively](#)

[MDS975 – “Making A Transistor Radio” by George Dobbs](#)

[Open Directory – Recreation: Radio: Amateur: Homebrew](#)

[602 mixer](#)

[WM2U’s Soundcard Interfacing Schemes](#)

YouTube: [Mr. Carlson’s Lab](#)

YouTube: [Afrotechmods – Fun With Electronics](#)

YouTube: [All American Five Radios](#)

YouTube: [Bandersentv – Some Electronics Videos](#)

YouTube: [Dennis Carter – Basic Electronics Videos](#)

YouTube: [EEVBlog – One of the Best Electronics Blogs Around](#)

YouTube: [electronicsNmore – General Electronics and Projects](#)

YouTube: [GBPPR2 – Ham Radio and Electronics](#)

YouTube: [Jeri Ellsworth – She has a lot of nice electronics videos here](#)

YouTube: [mjlornton – using test equipment](#)

## — Antennas

[VK5AJL – Why buy baluns – make your own.](#)

[Ham Radio Site – <BALUN SELECTION>](#)

[Active antennas – MARTIN – G8JNJ](#)

[PPT – Antenna Modeling for Beginners PowerPoint Presentation – ID:2640065](#)

[Angle of Radiation – What is it? \\*\\*\\*](#)

[160 Meter 8 Foot Diameter Balanced Coaxial Receive Loop Antenna By NZ4O](#)

[450 Ohm Slim Jim Antenna Project by KE4NU](#)

[-Antenna Theory](#)

[Antennas](#)

[Basics of antennas](#)

[End Fed Zepp Antenna – QRZ Forums](#)

[Field DeploymentFox Hunting Homebrew](#)

[G0KYA's Amateur Radio BlogG3USF's Worldwide List of HF Beacons](#)

[G4NSJ AMATEUR RADIO HOMEPAGEHam Radio Blog – IW5EDI | Assembling GAP Titan DX Antenna](#)

[How to build a tuned loop antenna – Ham Radio Library](#)

[KU4AB.COM – 6 meter Horizontals](#)

[Magnetic Loop Antennas, Magnetic Loop Info, How to Build A Magnetic Loop, W2BRI Loops](#)

[Martin E. Meserve – K7MEM – Inverted V Antenna Design](#)

[N2CKH Amateur Radio Software™](#)

[Neets Module 10-Introduction to Wave Propagation, Transmission Lines, and Antennas](#)

[Pocket Loop Antenna by dxzone.com](#)

[Publication List](#)

[Quad Amateur Antenna PDF | Download Free Ebook Quad Amateur Antenna](#)

[Radio Station of Roger J. Wendell – WB♦JNR \(WB0JNR\)](#)

[Random length wire](#)

[Random Wire Antennas—Best Lengths To Use For Random Wire](#)

[Tactical Link Systems](#)

[The art of noise nulling — antenna special on hard-core-dx.com](#)

[Variable Capacitors](#)

[W2IK ANTENNAS](#)

[W5GI Website – D3 Antenna](#)

[Wire Sizes for Antennas](#)

[Wire Antennas for Ham Radio](#)

[G3TXQ](#)

[Small antennas and radiation resistance](#)

[What tuners do](#)

[Easy Ten A simple 80 Meter CW Transmitter Using A 2N3904.](#)

[Shortwave America: Antenna Designs, Reviews, and Tutorials](#)

[The BUXCOMM J-pole Handbook](#)

[Free Yagi Antenna Designs for Ham Radio](#)

[SHOP | Loops – N – More](#)

[Antenna Projects and Notes](#)

[AT&T Archives: Similarities of Wave Behavior – AT&T Tech ChannelTracking Solar Flares](#)

[NorCal QRP Club – NorCal Doublet Antenna](#)

[NorCal QRP Club – Crappie Antenna](#)

[EA6VQ – Get ready for 2m MoonBounce communications](#)

[Active Antenna Amplifier Ham Kit](#)

[To Reading Rooms](#)

[IBP Beacon Reception](#)

[The Amateur Radio Operator Antenna Basics Handbook](#)

<http://users.elite.net/k7xq/eme.html>

[Math, Physics, and Engineering Applets](#)

[All Ununs – Greater than 50 ohms – Balun Designs](#)

[Antenna, VE3SQB Ham radio antenna design software programs and sstv, qha, amateur radio, sstv, antennas, j-pole, quad, dipole, discone, antenna program, super scanner, pdl, omni, rhcp, bazooka, coaxial dipole, skyhopper\)](#)

## **Miscellaneous**

— Blogs

[The Intimate Audio Gadget | The Radio Kitchen](#)

[SWLing Blog](#)

Books (Internet Searches on the Titles should turn up multiple sources)

[Back Issues & books – The MagPi Magazine](#)[The MagPi Magazine](#)

— ARRL Handbook – (not necessarily the latest edition) the gold standard for encyclopedic information about amateur radio; multiple years

— ARRL Antenna Book – same as above, but focused on all things antennas

— Radio Communications Handbook (RSGB) – the British equivalent of ARRL Handbook, again older editions are quite good

— ARRL Hints and Kinks (8 Collections so far) – these are short topics with suggestions and problem-solving ideas (get ‘em used!)

— Antenna Classics series from ARRL – culled from articles in QST over the years, such as wire antennas, Yagis, verticals, etc.

— ARRL Operating Manual – good for exploring the world of amateur radio

— The Worldwide Listening Guide by John Figliozzi – absolutely excellent SWL reference with not just stations, but program guides

— Building Successful HF Antennas – Peter Dodd RSGB; considered an expert and has been writing a column for their publication for years

— Antennas Mastered – Peter Dodd

— The New Shortwave Propagation Handbook – George Jacobs, et al. – excellent book on propagation for HF; shouldn't overlook books on shortwave radio since our HF bands are in the same parts of the spectrum

— Art of Electronics – great practical resource for understanding circuit design from a not-so-technical standpoint

— Rider's Perpetual Troubleshooters Manuals – these and many other older public domain books may be found online for download at such places as:

<http://www.acrayara.com.ar/cms/RM?action=listLibraryFiles>

<http://www.tubebooks.org/>

— Oscilloscope Guide – BK Electronics – basic How-To for using oscilloscopes

— Radio Antenna Engineering

— Electronics Experimenter's Manual

— A Course in Radio Fundamentals

— A Beginner's Guide to Radio by F. J. Camm – 27 lessons on radio basics

— RCA 3-volume books on Tubes – comparisons and alternatives

— Amateur Radio Essentials – RSGB Publication – excellent short articles on various aspects of theory and projects to build

— Elimination of Electrical Noise – RSGB Publication

— Reflections III – Excellent book on feedlines and how waves travel between the radio and the antenna

— Novel Antennas – RSGB Publication for interesting antennas which can work in small/unusual spaces

— Hart Reviews – RSGB Publication concerning various equipment reviews from the last 20 years or so, more details than just specs and features

— Beginner's Guide to Reading Schematics



— Successful Wire Antennas

— UHF/Microwave Experimenter's Handbook

— Satellite Handbook – ARRL Publication

— Propagation and Radio Science – ARRL Publication

— Antenna Physics – An Introduction — ARRL Publication

**Be sure to check out the online shops of both the ARRL and The RSGB:**

[www.arrl.org/shop](http://www.arrl.org/shop)

<http://www.rsgbshop.org/>