

## 100+ Things to do in Ham Radio

### Have fun with Ham Radio doing these things

Action or Activity	Comment
2M SSB or CW	Working the "weak signal" bands can be fun!
6M - what a great band!	Operate the "magic" band on SSB or FM
10M - This band can really jump	Join 10-10 international and KEEP THE BAND OPEN!
75 Meter Roundtables	Sometime called the groan and moan nets!
160M	The Gentleman's Band
AM - Operate this "old time" mode	Join the AM net each Wednesday
AMSAT - Join and work the universe	Operate one of the amateur satellites like AO-51
APRS - find yourself	And let others know where you are!
ARES	Be more active in your local ARES group.
ARES - Help your local group	Find your local ARES group and start having fun with them. Also strongly consider passing the various IS-xxx courses required to officially participate.
ARES nets	Check into ARES nets in your surrounding counties
ARRL	Join! Support your hobby with lobbying in Washington. Who else is?
Air Mobile	Work from an airborne station
Antenna Party	Friends don't let friends build and install HF antennas by themselves!
Antennas - Build'em and use'em	Wire antennas, Yagis, quads, hex beams, - then argue about'em
Astronomy - Radio version	Looking for signals in all the wrong places
Audio - make it better	Heil, Berringer, audio filters, all things audio
Badge - tell everyone your callsign	Check the Sign Man of Baton Rouge
Balloonatics	Hams who put expensive transmitters in balloons and watch them fly away!
Bicycle Mobile	Talk while riding - look ma - no hands; look ma - no teeth!
Boatanchors	Collect and operate old radios

Books - read one - write one	Hundreds of books - new – old - used - collecting
CW - Learn it!	You only know half the fun of ham radio w/o CW
CW - get your speed to 20 wpm	Already at 15 characters
Christian Amateur Radio Fellowship (CARF)	Join your friends on the air
Civil Air Patrol	Do the radio work for CAP
Class - as in Ham Radio	Teach a ham class and help others enjoy the fun
Club meetings	Don't even get on the air, just attend club meetings - FUN!!
Club.Join/renew! BARES	A more general term - join a ham club! OR join 2 or 3 clubs. More clubs, more fun!
Computer Control	Computer control one or more rigs in your shack - Ham Radio Deluxe
Contesting	Make a lot of contacts and work on your operating skills at the same time.
County Hunting	Work 500, 1000 ... and all 3077 of them.
Crystal Radio - build one	Show how simple a radio can be
DSTAR	Get on the digital bandwagon! It's everywhere, it's everywhere!
DSTAR via laptop - Dongle world!	Use a laptop to access the Dstar network while you're traveling or anytime.
DX - Work other countries	DX The Ultimate Contact Sport - this can be tough if you already have 337!
DXpedition	Pack it up and hit the road to that small island!
Dayton Hamvention	Attend this once in your lifetime, bet you can't "eat just one"!
Digital modes	Work one or many of the various FREE digital modes available for download!
Echolink - computer and ham radio	Work repeaters/other hams via your computer
EmComm - Power Poles	Convert all rigs to PowerPole connectors
EmComm-ANTENNA	You never know when you'll need to go PORTABLE so build a portable antenna. J-pole is a good one.
EmComm.ARRLcourses	Consider the EC001 and possibly EC002 & EC003 courses. They're fun and you learn a bunch.

Field Day	Operate this fun event with your friends
Fox Hunting	Tie amateur radio into physical exercise
Friends	Meet interesting people and make new friends
Grounding	Build an uber ground, find a water pipe, install a ground rod, lay some radials
Hamfest	Attend a hamfest - sell that old junk, buy more!
Handi- HAMS	Help a challenged person get their license
IOTA	Islands on the AIR - every group of islands has an ID - work'em all!
Keys - Collect them	What a great way to enjoy ham radio - telegraph keys
Kit - Build some	At least an \$8 crystal oscillator or an SW-40 transceiver
Linear Amps	Build'em, tune'em, don't get shocked
Linux - another computer world	Download a Linux system for a computer and start playing with all the FREE software out there. Lots of stuff for hams too!
Logging Software	Get some. I like N3FJP. N1MM is FREE. Using this rekindled my fire for Ham Radio.
MARS	Military Affiliate Radio - join up, serve your armed forces
Magazines - subscribe,	Read, collect, give'em away - copy to CDs
Marine Mobile	Work from a Marine station, boating, waterways nets
Meteor Scatter	World's shortest and longest QSOs at the same time
Mobile - radio in motion	Set up a mobile station - VHF or HF
Moonbounce	OK, maybe a bit ambitious
Motorcycle Mobile	Shoot the bull while ridin' the HOG!
Nets	Check in before you check out!!
Oscilloscope - Learn to use	Oscilloscopes are a blast. Watch that green trace go!
PSK-31 - Digital mode for all!	An easy digital mode
Pedestrian mobile	Got an HT? Have a QSO walking around.
Public service	Work a public service event (I believe every ham should work at least one each year!)
QRP - Try it!	Start trying QRP by turning down power to 5 w (10w SSB)
QSL cards	Collect'em, get some printed, mail out some.
RACES	... as in Radio Amateur Civil Emergency Service

RTTY	An ancient form of digital communications
Radio Control Planes	Fly away to your heart's content
Ragchew	Be much more active on a repeater; regularly check into nets. Get a RagChewers Club certificate for QSO of 30 Minutes
Remote Control your station	Operate your station over the internet
Repair Radio Equipment	Help out other hams, fix their radios and yours too
Repeaters	Build'em, use'em, fix'em, control'em
Restore old radios	This is very gratifying
SHF - Work your neighbor	Work a contact on CW, SSB, digital above 440 MHz
SSTV	Operate Slow Scan TV. Several nets meet daily.
Satellite-Antennas	Build a couple of antennas and put radio gear together so you can work one of the many ham satellites (FM, SSB or data).
Scanning	OK, it's only half radio but hams do it so it must be fun!
Schools - do a demo	Go to your kid's school and tell'em all about this stuff
Scouting (and ham radio)	Go hand in hand - Jamboree on the AIR!
Shack Simplification	See if you can get every rig in your shack down to one microphone and one PTT switch
Shack setup	Set up a shack (might need some help with an antenna raising party!)
Short Wave Radio	Listen to SW Radio from your favorite country. Maybe follow New Years around the globe for 24 hours?
Simulated Emergency Test	The old S.E.T. – readiness - be prepared
Skywarn	Watch the weather = tell the National Weather Service
Software - Ham Radio	There are thousands of programs out there and they are fun to play with.
Software - program a chip	Write software to control a micro chip
Software Defined Receiver	Build or set up a software defined receiver or transceiver
Space Station	Talk to the ISS - chat up an astronaut
Tech FEST - attend	Not a hamfest, a TECH FEST!
Television - FSTV	Fast Scan TV - on 440 mhz - set up your station and show off!
Test Equipment	Make a list and buy or make yours
Traffic NETS	Try handling messages via SSB (75M) or CW(80M)

Upgrade your license - General Ticket	Or upgrade from whatever class you are
VUCC - Award	Get this award for working 100 grid squares on 6M and above
Vanity Callsign - get one	Are you a general or extra class? Well, maybe you should look into a 1x3 or 2x2 callsign, even a 1x2 if you qualify!
Volunteer Examiner (VE) - become one	Help grow the hobby by qualifying more hams!
Website - amateur radio	Set up your own URL and tell everyone what you do
Workbench - Set yours up	A place to do all that "fiddling around"
Worked All States - W.A.S.	Obtain this and other awards
Write - articles about ham radio	Submit to magazines, become famous
YLS - Young Ladies (YLRL)	Promote YL activity, recruit YLS, encourage YLS.
Youth - be one - help one	Help your neighbor become a ham. Loan him/her a radio