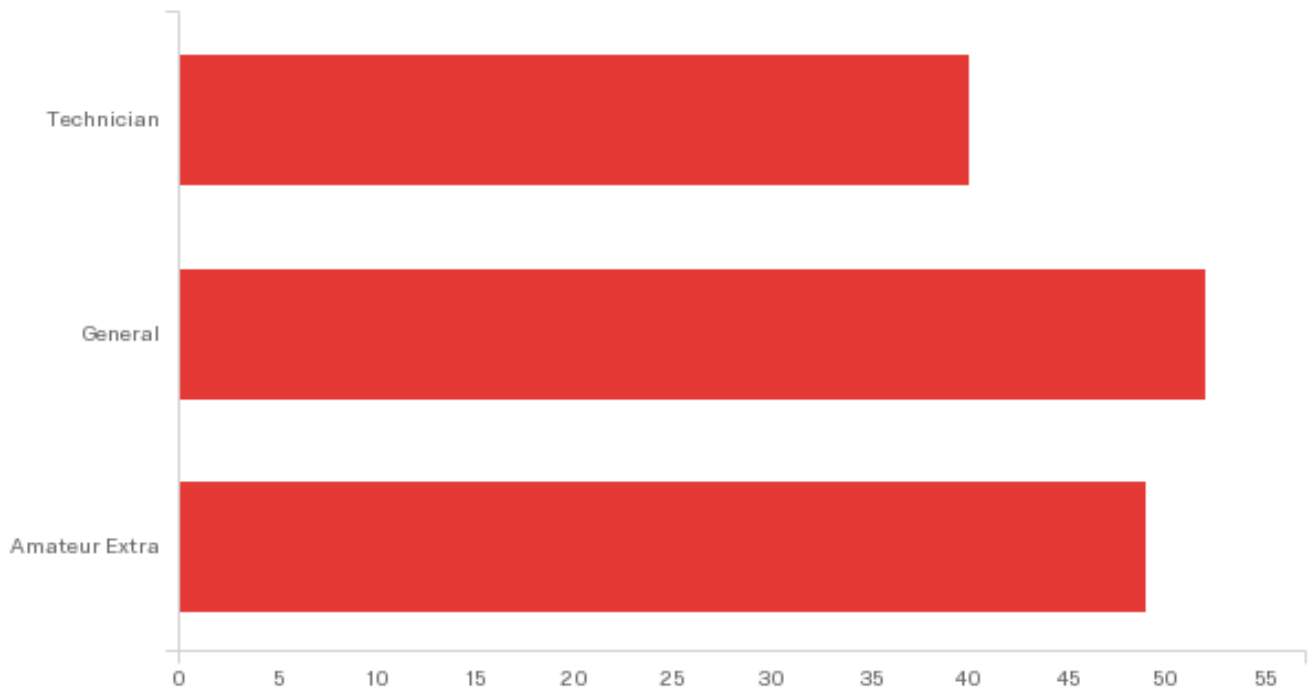


Default Report

ERC Antennas

December 4th 2015, 11:31 pm

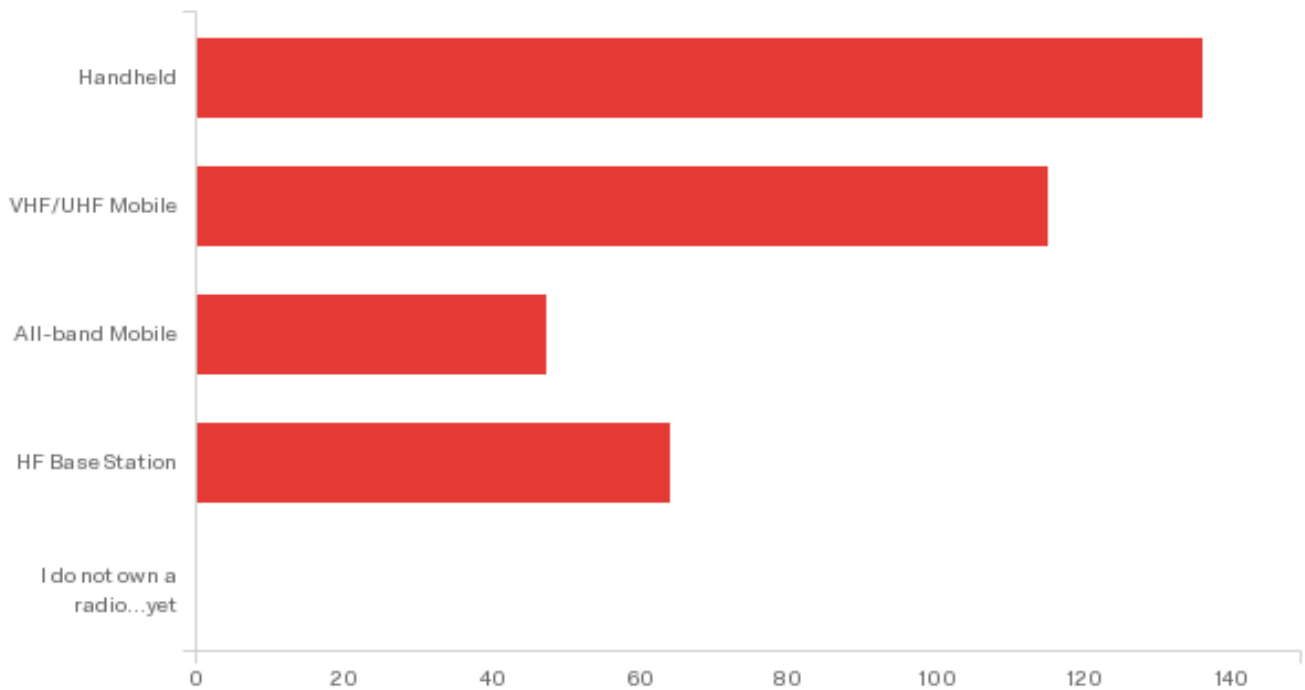
Q1 - What class of license do you hold?

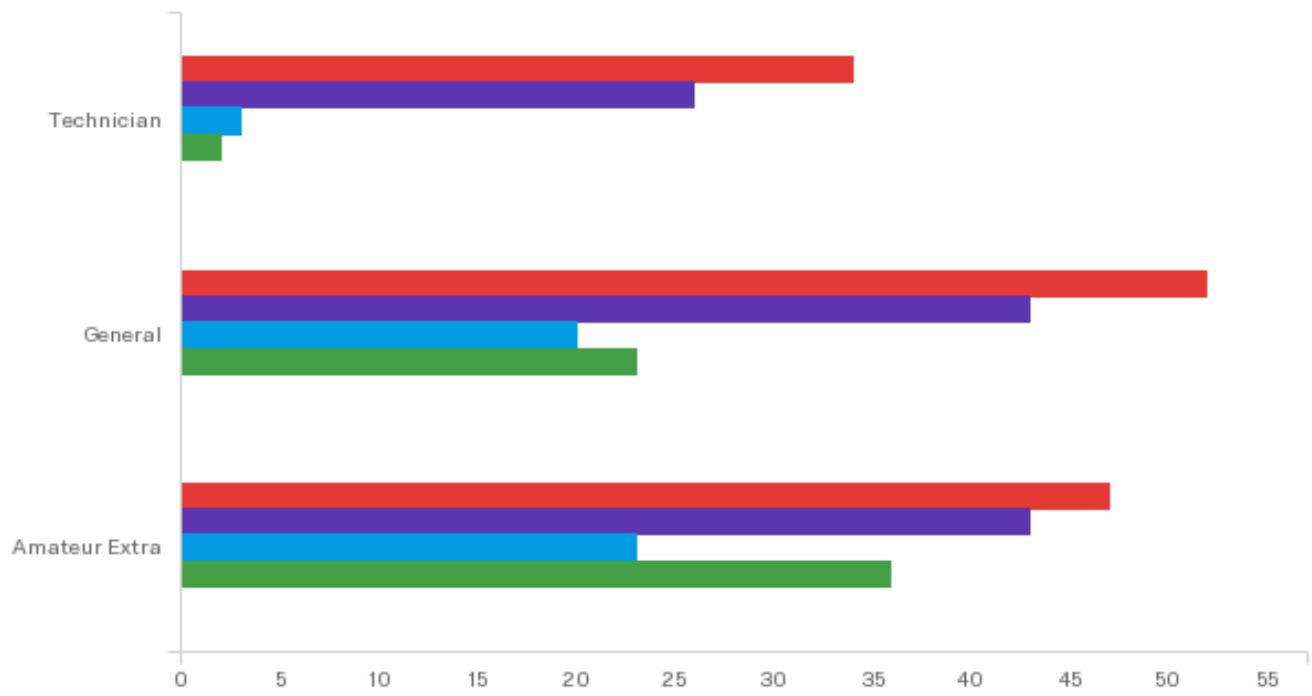


Answer	%	Count
Technician	28%	40
General	37%	52
Amateur Extra	35%	49
Total	100%	141

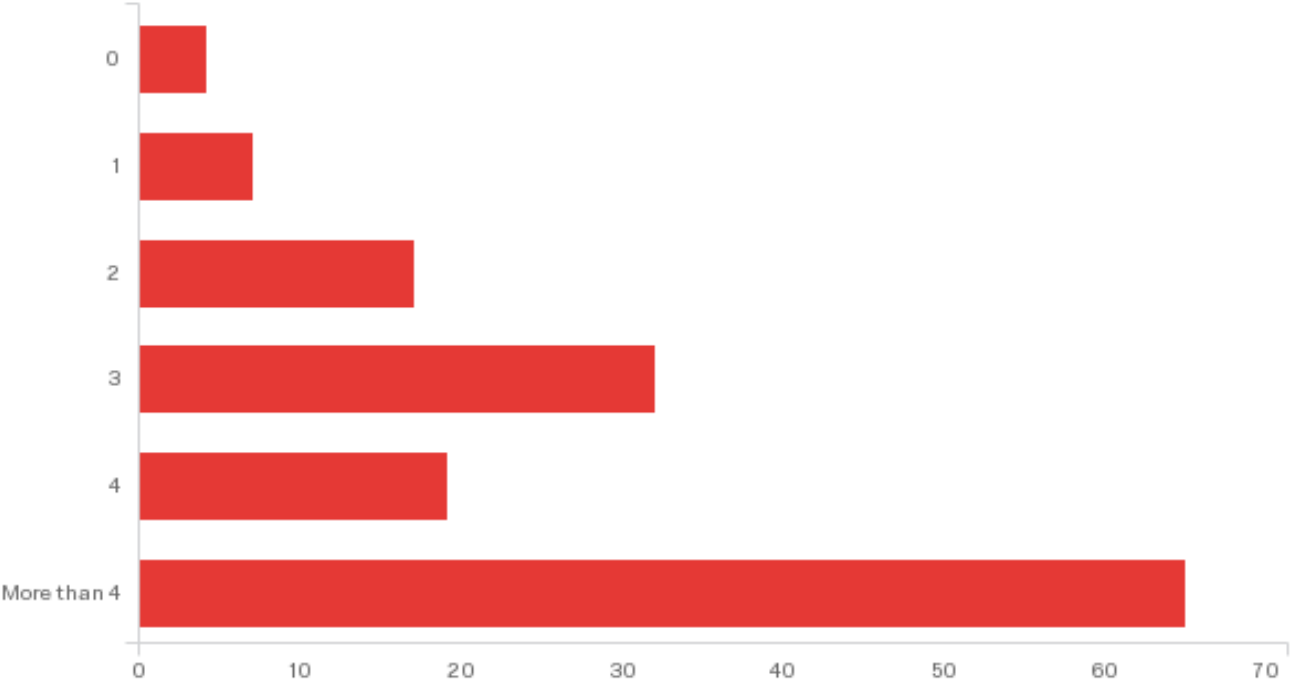
Q2 - What types of radios do you own? (Check all that apply.)

Answer	%	Count
Handheld	38%	136
VHF/UHF Mobile	32%	115
All-band Mobile	13%	47
HF Base Station	18%	64
I do not own a radio...yet	0%	0



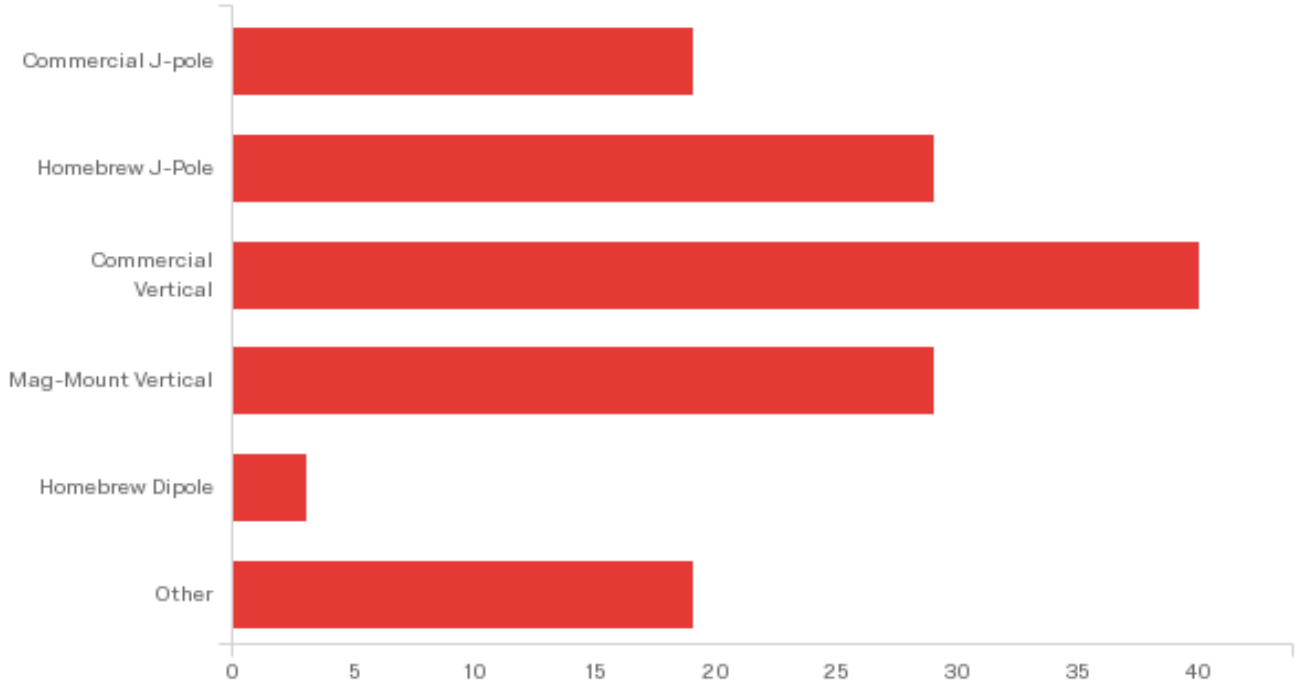


Q6 - How many VHF antennas do you own, including those attached to your handheld?



Answer	%	Count
0	3%	4
1	5%	7
2	12%	17
3	22%	32
4	13%	19
More than 4	45%	65
Total	100%	144

Q7 - Which VHF antenna do you use most often?

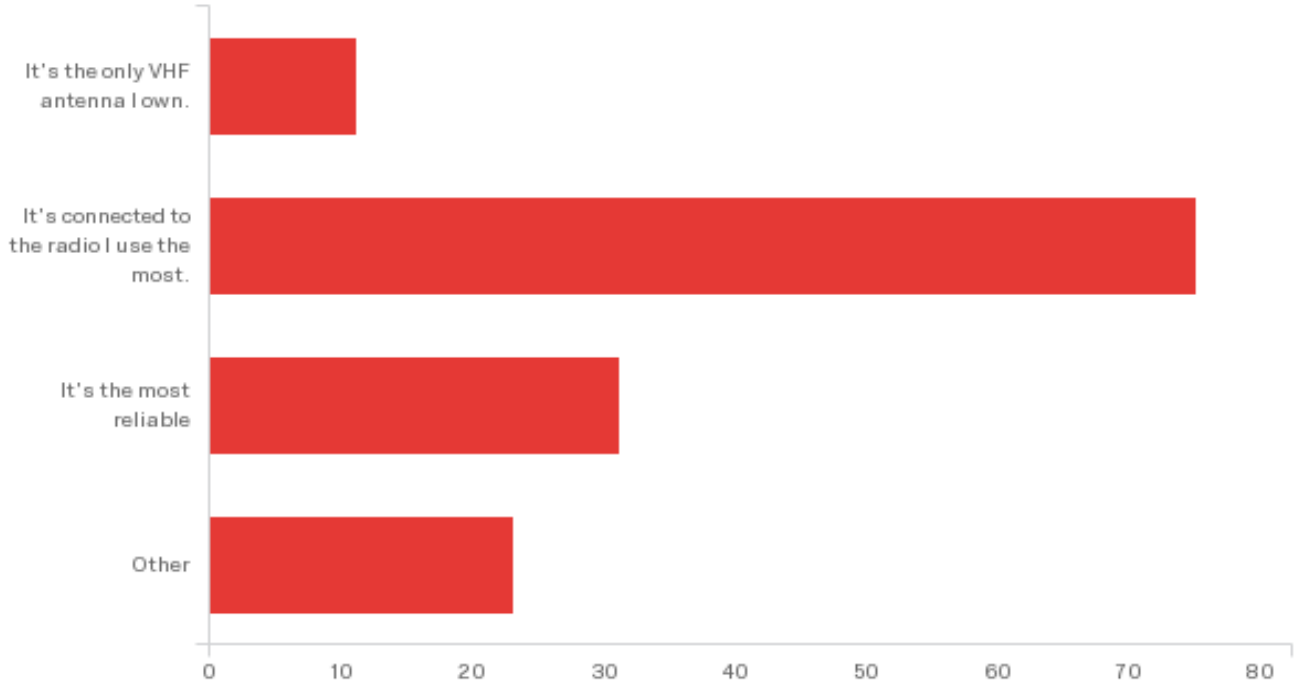


Answer	%	Count
Commercial J-pole	14%	19
Homebrew J-Pole	21%	29
Commercial Vertical	29%	40
Mag-Mount Vertical	21%	29
Homebrew Dipole	2%	3
Other	14%	19
Total	100%	139

Q7_6_TEXT - Other

Other
18" rubber duck replacement
Commercial beam
Quarter wave ground plane.
Rubber duckies
Commercial Yagi Array
"rubber duck"
The "rubber duck" that came with the radio
Hand held quarter wave
Dual beam 11 element Yagi
homebrew yagi
NMO 5/8 wave
Tram 1481 UHF/VHF 144/440 Dual Band Base
Deseret J-Pole
Deseret J-Pole
Wire Hangar vertical
18 inch attached to handheld
Deseret Antenna

Q8 - Why do you use that antenna the most?



Answer	%	Count
It's the only VHF antenna I own.	8%	11
It's connected to the radio I use the most.	54%	75
It's the most reliable	22%	31
Other	16%	23
Total	100%	140

Other

Other

Mounting Height

It's on my tower

I have had this one the longest and it's convenient to move between vehicles

It is better than the rubber duck

highest and most gain

Fast & Easy Setup

base and mobile VHF/UHF are nearly all vertical, some beams

hasn't been hooked up yet

It has the best gain and pattern for the application

and most efficient/effective

Greater transmission range

nothing else works reliably from here

I like the range and dual band

Its the smallest I have at school

The free time I have for radio is spent on nets from my shack.

It's the one mounted on my house.

I live in a hole and it has the best range for simplex nets

Good pattern and gain.

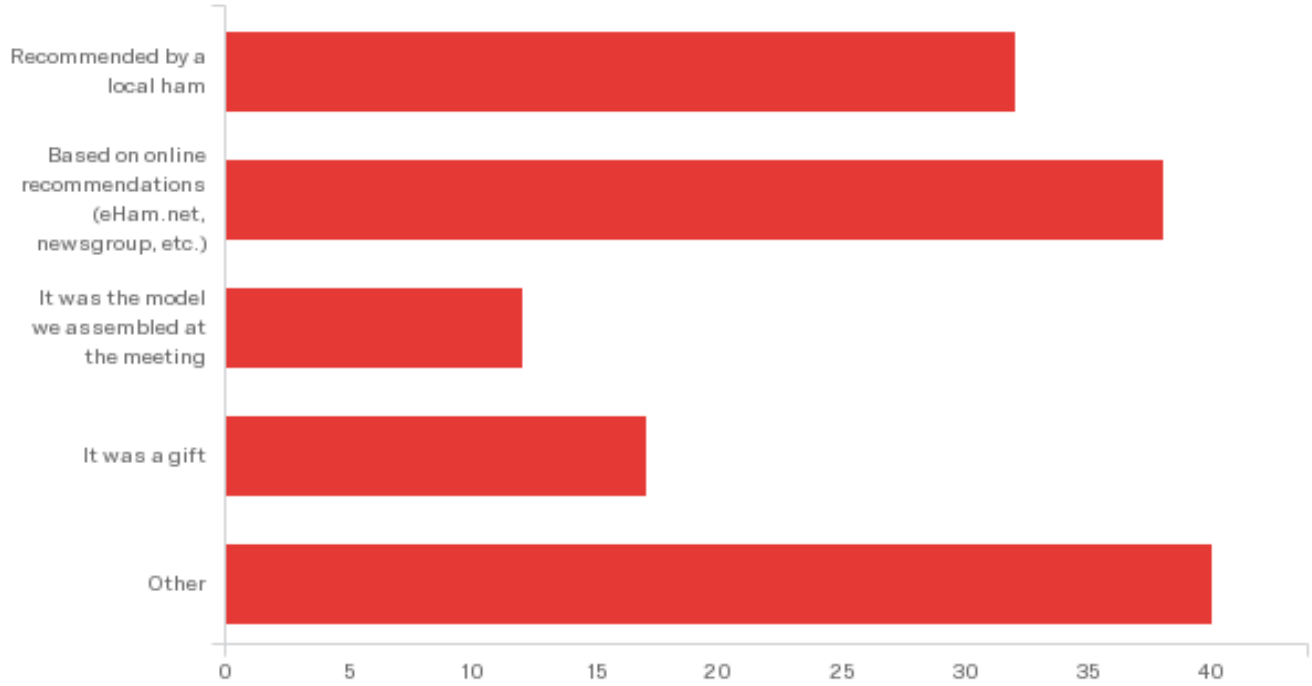
beat gain tx and rx

I can't use my J-pole due to the restrictions of the apartment complex I live in.

it's the most powerful.

For my area it does the best

Q10 - Why did you acquire (purchase or make) this particular VHF antenna?



Answer	%	Count
Recommended by a local ham	23%	32
Based on online recommendations (eHam.net, newsgroup, etc.)	27%	38
It was the model we assembled at the meeting	9%	12
It was a gift	12%	17
Other	29%	40
Total	100%	139

Q10_5_TEXT - Other

Other
Wider band width.
Wanted try my hand at building an antenna
Purchased from estate
convenience of moving between vehicles
18.8 db gain
Works on my truck
cost and specs
I wanted to have the experience of making my own antenna, and thought I would save some money, Wrong!
recommended over the phone
Best suits my situation and location
best specs for intended use
It came with the hand held
from advertisement
versatility
After research it was the best performance, reliability, reasonable price
It came with the radio
It came with the radio
Best antenna at a fantastic price - for sale by owner
Acquired and I repaired it from another individual
I like to see how far it gets out on my metal roof
came with it
Its solid construction and simple engineering
Price

Personal Research

73 magazine article

It was recommended as a good dual band repeater antenna

It most met my requirements.

It was easy to use

Helped build them and they're very reliable (been on my roof for more than 6 years without a problem!)

was with the radio gear I inherited upon a family member's death

Research and antenna modeling.

dbi rating on web site

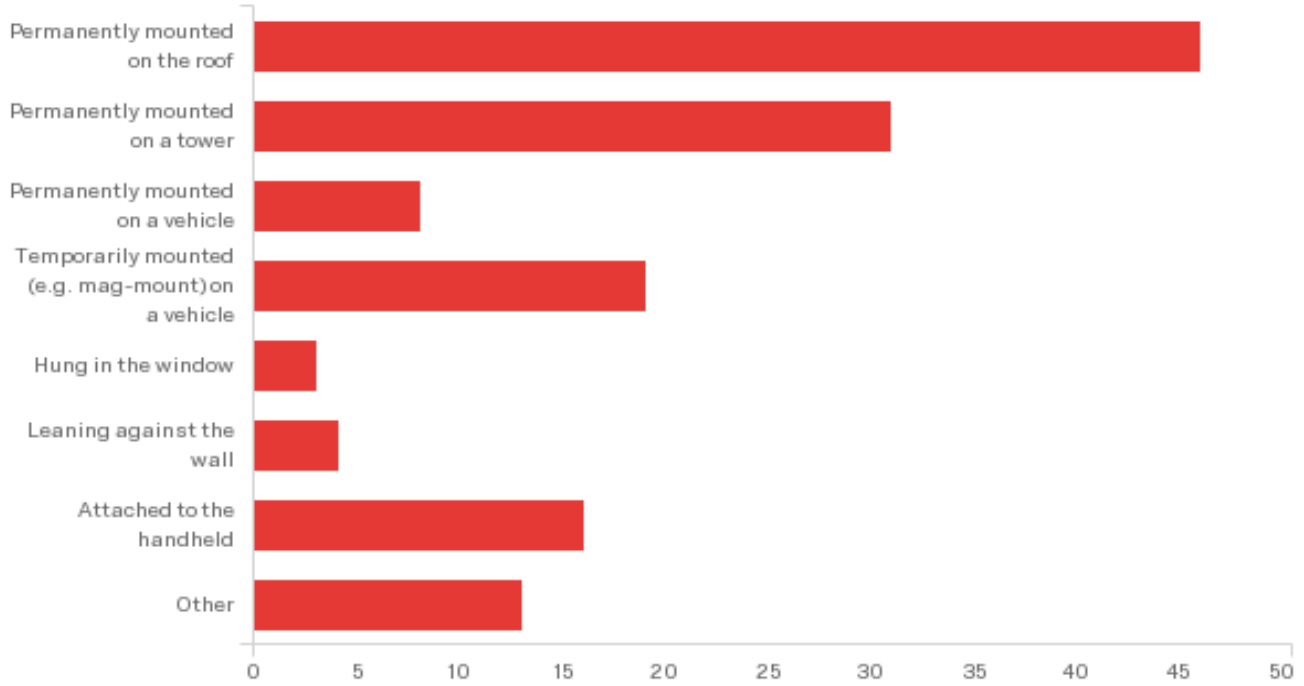
Best bang for buck.

Easiest

better than original

Steve Taylor told me to

Q11 - Where is it most often deployed when it is used?



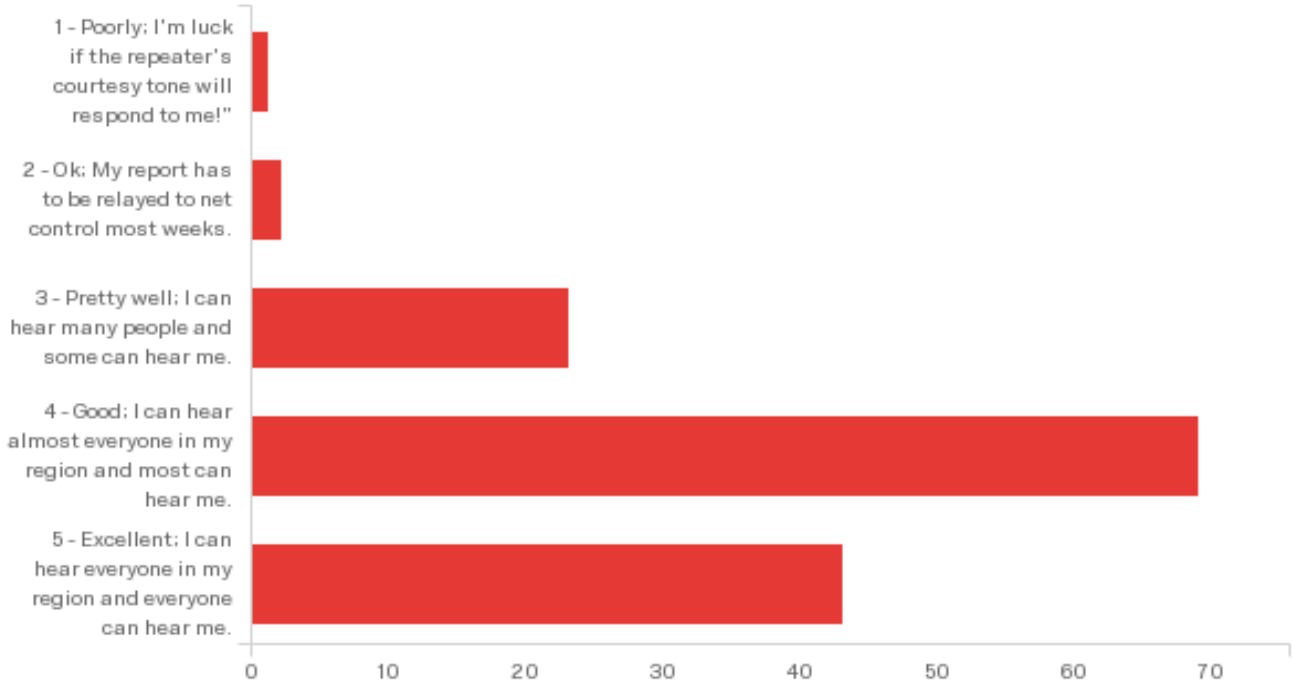
Answer	%	Count
Permanently mounted on the roof	33%	46
Permanently mounted on a tower	22%	31
Permanently mounted on a vehicle	6%	8
Temporarily mounted (e.g. mag-mount) on a vehicle	14%	19
Hung in the window	2%	3
Leaning against the wall	3%	4
Attached to the handheld	11%	16
Other	9%	13

Total	100%	140
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Q11_8_TEXT - Other

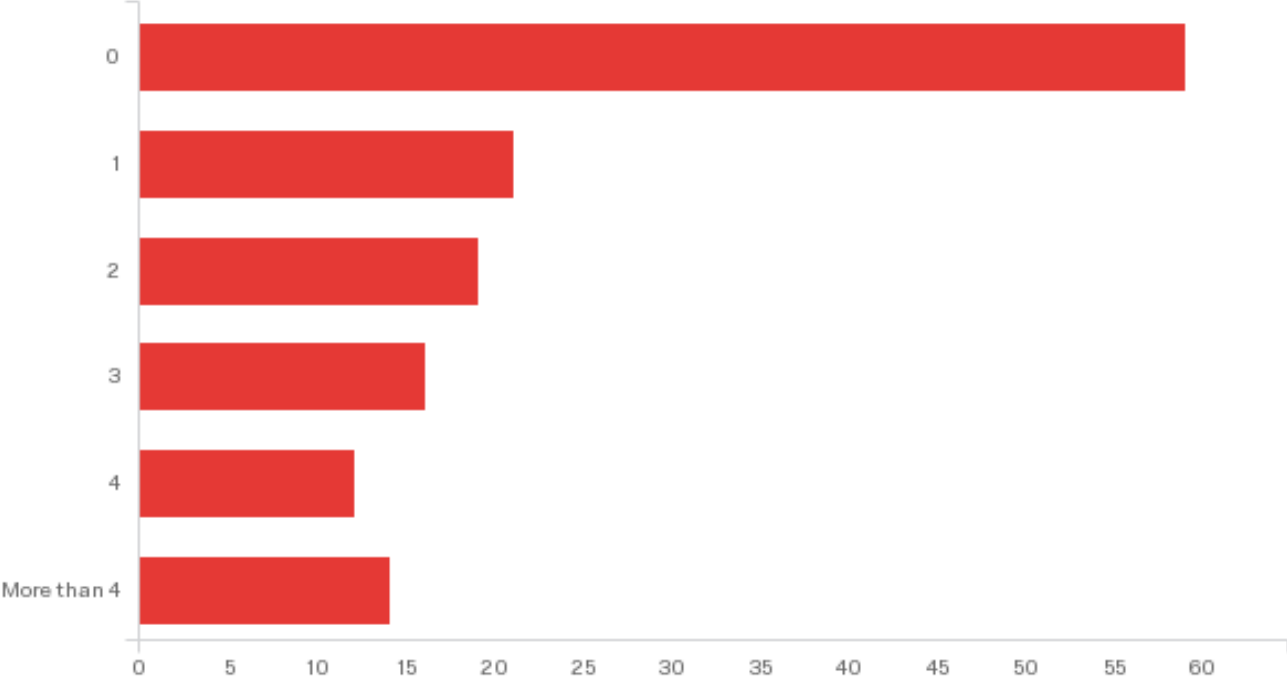
Other
attached to metal door of the house
sitting in the living room
answers 1-3 all apply
needs to be hooked up
Temporary mounted to house
fiberglass mast, semi-mobile
Permanently mounted on a guyed 25 foot pole
Permanent in the attic
in the attic
inside attic
Center of room, doesn't work if I get too close to the outside walls of our apartment.
it's on top of a 25' flagpole.
Attached to a homebrew ground plane in my attic.

Q12 - How well do you feel this antenna performs?



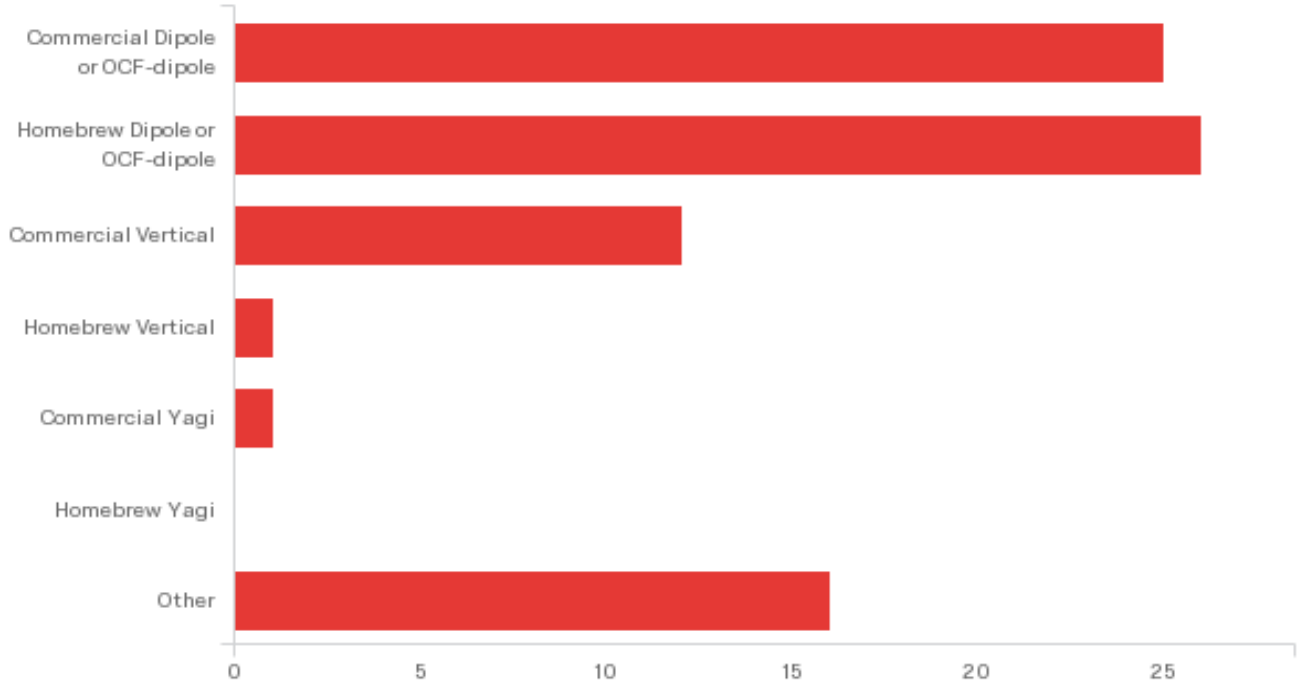
Answer	%	Count
1 - Poorly; I'm luck if the repeater's courtesy tone will respond to me!"	1%	1
2 - Ok; My report has to be relayed to net control most weeks.	1%	2
3 - Pretty well; I can hear many people and some can hear me.	17%	23
4 - Good; I can hear almost everyone in my region and most can hear me.	50%	69
5 - Excellent; I can hear everyone in my region and everyone can hear me.	31%	43
Total	100%	138

Q15 - How many HF antennas do you own, including those stored in go-kits?



Answer	%	Count
0	42%	59
1	15%	21
2	13%	19
3	11%	16
4	9%	12
More than 4	10%	14
Total	100%	141

Q16 - Which HF antenna do you use most often?

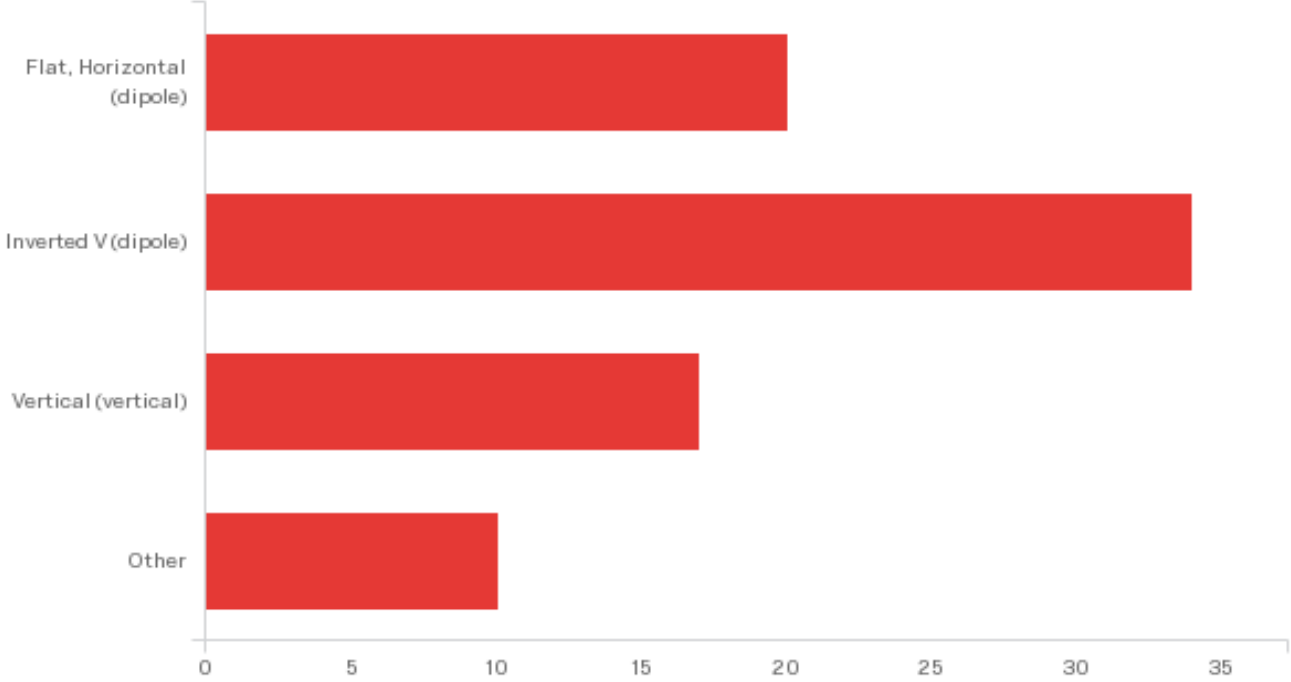


Answer	%	Count
Commercial Dipole or OCF-dipole	31%	25
Homebrew Dipole or OCF-dipole	32%	26
Commercial Vertical	15%	12
Homebrew Vertical	1%	1
Commercial Yagi	1%	1
Homebrew Yagi	0%	0
Other	20%	16
Total	100%	81

Other

Other
Buxcomm Windham
Cushcraft X9
Quarter Wave Sloper
Homebrew Wire
500' loop
Commercial End Fed
160 Meter Sloper
long wire
G5RV
G5RV
not deployed
end fed flatop
Homebrew NVIS & commercial Vertical
Commercial G5RV
Hex beam at 40 feet

Q17 - How is it deployed?



Answer	%	Count
Flat, Horizontal (dipole)	25%	20
Inverted V (dipole)	42%	34
Vertical (vertical)	21%	17
Other	12%	10
Total	100%	81

Other

Other

It isn't yet

fan dipole

Semi-Flat

Sloped @ about 45 degrees

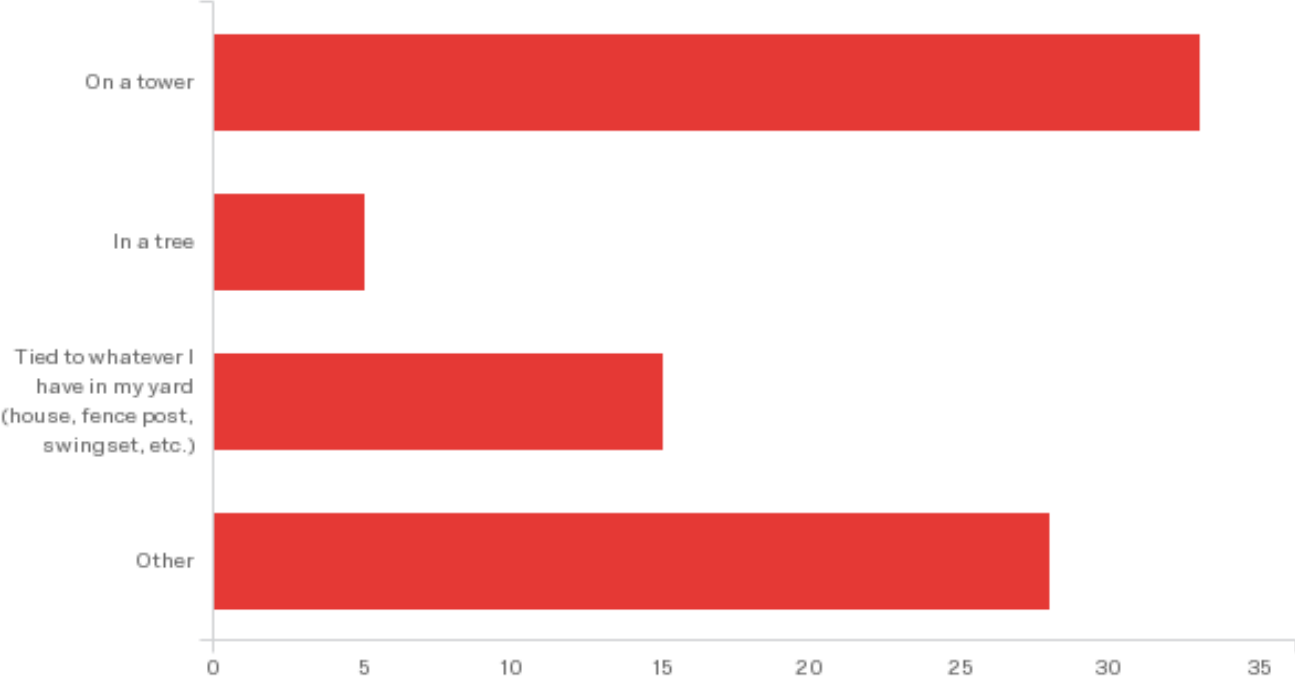
25 feet up then 110 feet horizontal

not deployed

NVIS is Horizontal, Vertical is vertical

sloping long wire w/ torids

Q18 - Where is it deployed?



Answer	%	Count
On a tower	41%	33
In a tree	6%	5
Tied to whatever I have in my yard (house, fence post, swingset, etc.)	19%	15
Other	35%	28
Total	100%	81

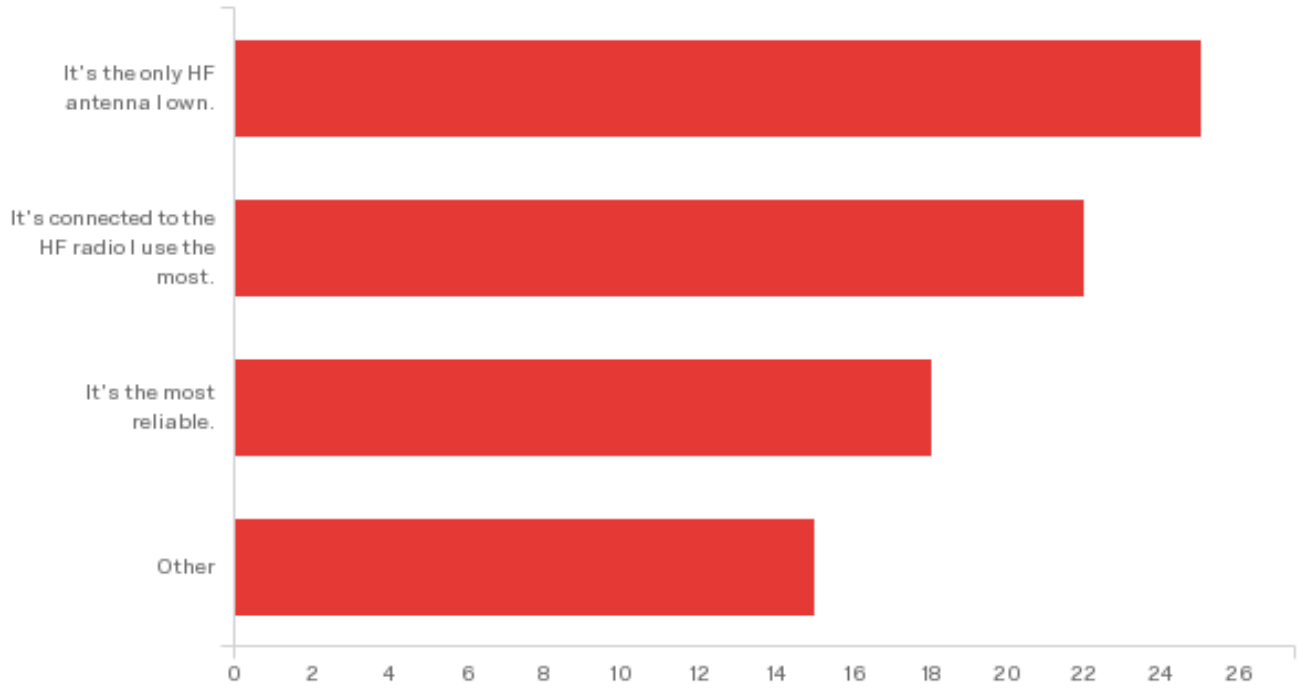
Other

Other
30' pole & 2-20' poles
It isn't yet
Home brew pvc
truck
deck
on a pole and tied to fence
Truck hitch
Roof
20' PVC mast sloping ends down to fence
On a tripod
In attic
mounted on the roof of my house
tall pole, not a tower
Roof
Center 35 ft. pole and 20 ft poles on each end
in the attic
On a mast
not deployed
flatop garage roof
NVIS: Along the top of my 6' fence (wood and vinyl); Vertical is on t-post in back yard
It is on top of a pole fastened to my Garage
It has it's own tripod
Pole

Portable

In my attic.

Q19 - Why do you use this HF antenna the most?



Answer	%	Count
It's the only HF antenna I own.	31%	25
It's connected to the HF radio I use the most.	28%	22
It's the most reliable.	23%	18
Other	19%	15
Total	100%	80

Other

Other

I Don't yet

for the bands I use most

answers 2,3 apply equally

Easiest to deploy on the go.

quiet

set up in NVIS configuration - and most of my HF use is local / regional

Also what I can design and adjust

not deployed

I switch back and forth between the two quite regularly due to band changes and to switch from local to long-distance work.

Works well for NVIS which is what I do most

I don't! I don't have HF Radio

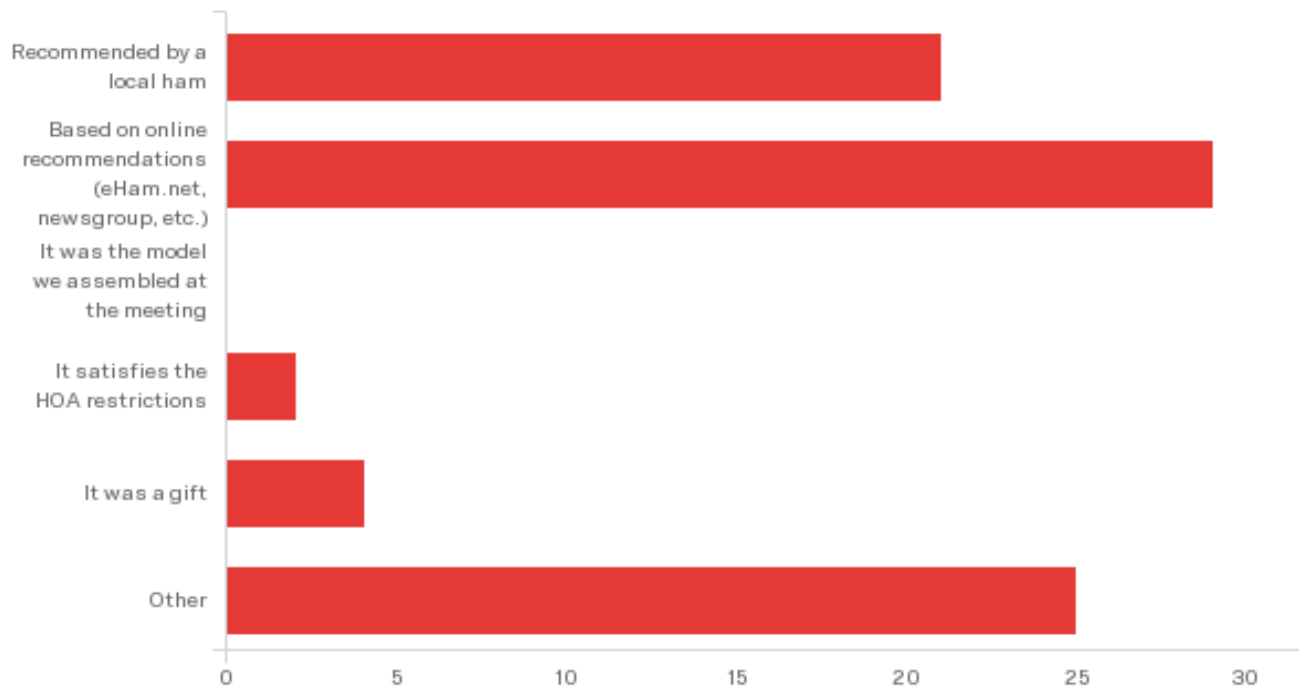
it's portable

It is the only one at the base

short range communication

Best performance

Q22 - Why did you acquire (purchase or make) this particular HF antenna?



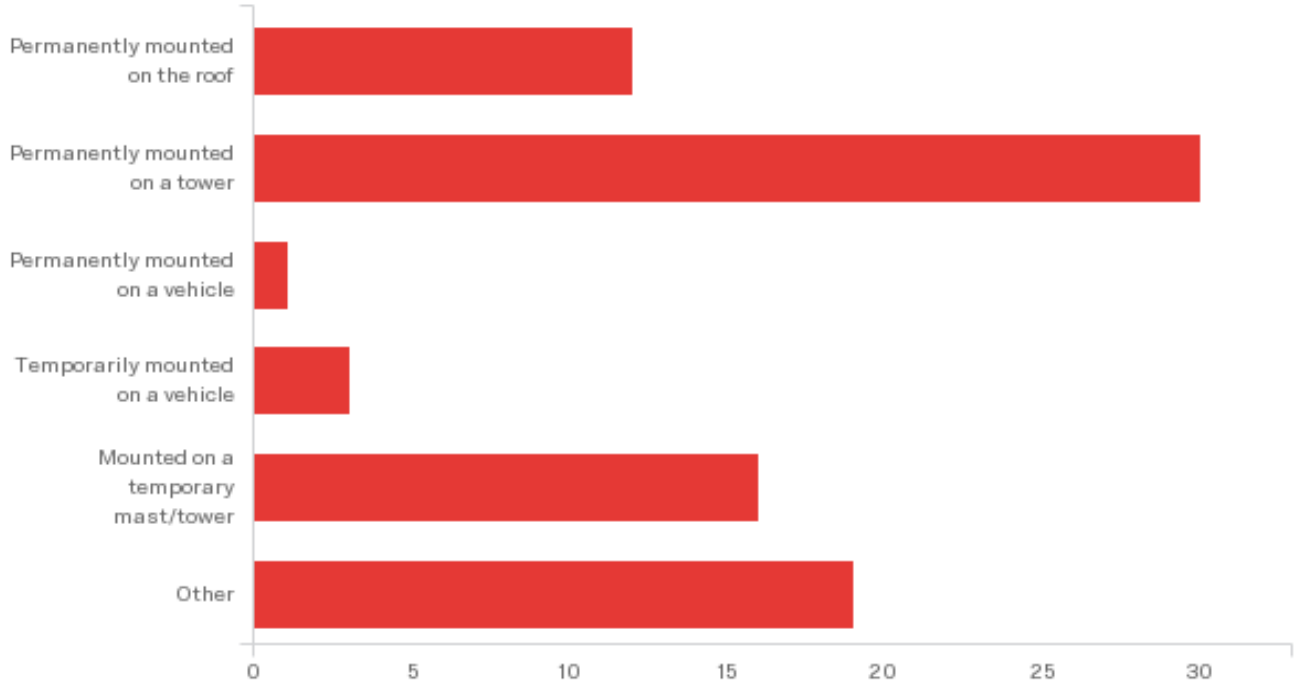
Answer	%	Count
Recommended by a local ham	26%	21
Based on online recommendations (eHam.net, newsgroup, etc.)	36%	29
It was the model we assembled at the meeting	0%	0
It satisfies the HOA restrictions	2%	2
It was a gift	5%	4
Other	31%	25
Total	100%	81

Other

Other
Cost and personal experience.
Recommended by Bux's
Good specs
matches radio brand and they work together to tune
Fits my location
multi-band 80/60/40/30
It's all I can afford at the moment
Bought from an estate
Research on best performance for NVIS
Designed and built by myself and spouse
I wanted a good multi-band antenna
least expensive
Inexpensive, easy to make, very efficient
My uncle made it for me
Recommended by Ham Radio Outlet
brewhome
only wire I have space for
It met my requirements at the time I got it.
NVIS was an experement, Vertical was a gift
Inheritance
Research and antenna modeling
Researched, Best bang for Buck

Low cost, not visible.

Q23 - Where is it most often deployed when it is used?



Answer	%	Count
Permanently mounted on the roof	15%	12
Permanently mounted on a tower	37%	30
Permanently mounted on a vehicle	1%	1
Temporarily mounted on a vehicle	4%	3
Mounted on a temporary mast/tower	20%	16
Other	23%	19
Total	100%	81

Other

Other

Mast and pole mounted

mounted on a pole

Permanently mounted on post

Not yet used

20' PVC mast inverted vee ends sloping to fence - NVIS height

Mounted on my chain link fence 3ft above ground.

Tree

in attic

with roter on pole

Permanently mounted as an inverted-V

in the attic

will be mounted over the roof

NVIS: permianently mounted on fence; Vertical: temp on t-post in yard.

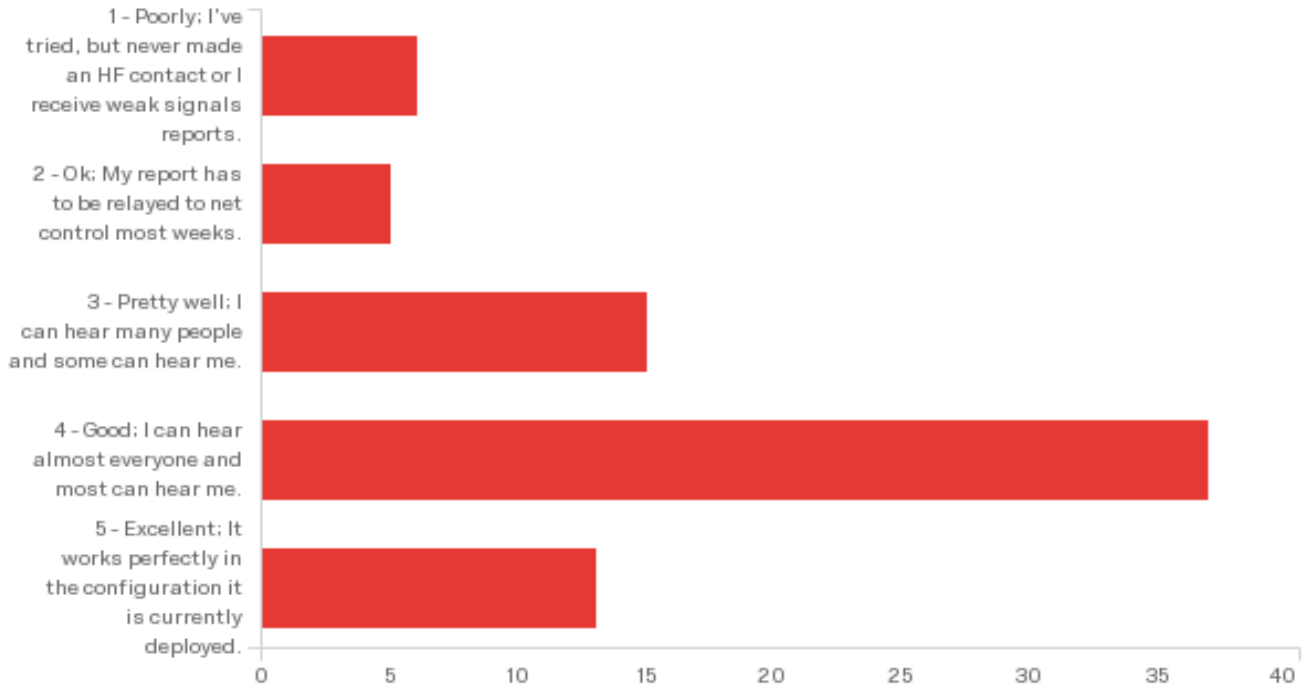
Trees

Permanently on pole

Mounted to a fence

Permanently mounted in my attic.

Q24 - How well do you feel this antenna performs?



Answer	%	Count
1 - Poorly; I've tried, but never made an HF contact or I receive weak signals reports.	8%	6
2 - Ok; My report has to be relayed to net control most weeks.	7%	5
3 - Pretty well; I can hear many people and some can hear me.	20%	15
4 - Good; I can hear almost everyone and most can hear me.	49%	37
5 - Excellent; It works perfectly in the configuration it is currently deployed.	17%	13
Total	100%	76

Q30 - What VHF antenna would you recommend and why?



Q30 - What VHF antenna would you recommend and why?

What VHF antenna would you recommend and why?
any magnetic antenna will work for a handheld, it works well with mine
Shakespeare 2M Marine VHF Antenna with a matchbox. I have it on a boat mount attached to my luxury van that lets me raise and lower it for operation. When raised, it extends 6 feet above my vehicle (13 ft).
The deseret antennas have been good for me. I have been able to do what I need to with them. They are reasonably easy to build and set up. They tune well and don't break my budget. They also are fairly easy to take down and transport. There are probably better ones out there but you pay a lot more for them and the ones I borrowed and tried that were over 100 dollars didn't perform any better with the setup I have.
Commercial: X50 Home made: Copper J-pole or DI J-pole
My experience is too limited make a recommendation
J-Pole on a tower or roof because it has worked the best for me in this area and it is dual band
Comet GP-6. It is dual band and not too expensive and has some gain.
Deseret J pole. If it is in the right location, it is excellent
Not knowledgeable enough to make recommendations
J-pole it is compact, cheap to build, and works great

I am still in the learning stage...don't know enough to recommend anything
I have decided to just use my simple handheld mostly due to very poor hearing and my age. No suggestions.
Vertical or beam with lots of gain mounted as high as you can get it
"Deseret" J-pole works really well for me. I don't have it permanently mounted, so I don't use it very often, but it works wonderfully when I have it up.
My jpole seems to work well, I don't have a specific recommendation
J-pole it works very well and is easy to build
?
5/8 mag mount' portable from car to car
,
1/4 or 5/8 wave as external antenna has worked well for base stations
J-Pole because it is easy to make and is very inexpensive. I have two on the roof. One for my base station in the basement and one for my hand held up stairs.
Mobile - A diamond SG-7900A Base - Diamond X-50
I'm new I need guidance
Diamond 7900
Not sure yet... Still trying to test the ones I have.
Desert! I ha even involved building over 100 of these and they just seem to work!
I'm new to this, I don't know. Sorry.
Deseret J Pole
Commercial J-pole because it was relatively easy to set up and I know it works because it is basically the only one I use.
no comment
A phased pair of Cushcraft (or similar) 10+ element yagi antennas on a rotor. I have used 2 different setups this way with exceptional performance.
gp 9
Mag-mount for versatility, yagi beam if had a tower and rotor

Arrow J-pole
Excellent performance, light weight, portable, deseret j pole easily deployed - sturdy-compact
Don't know enough about to give recommendation
Browning BR-6070. Dual band, rugged fiberglass construction, 6/8 wave VHF. 5/8x5/8x58 Wave UHF. Good value. I also have a second one in my go kit with a telescoping 15ft mast.
J pole for semi permanent applications, easy to make.
J pole is good for most contacts but multi element yagi is better for weak signals.
Depends on the application. For a permanent tower, shack or roof mount - i would recommend a colinear with fiberglass radome - like the comet or diamond series - they have good gain and are heavy duty
Stay away from the j-poles that don't have much if any gain and are notorious for reflected RF back down the feed line unless you have a good choke at the feed point
I use a 2m/70cm Arrow J-pole and like it very much as a base antenna. I have considered using one for mobile mounting for emergency work.
Copper j-pole
Di-pole. Seems to work the best for me.
Depends on how you use it. For repeater use, one with directional gain such as a Yagi with rotator is nice. For simplex, omni-directional gain is usually better - like a J-pole.
Any good vertical mounted high.
J pole
Colinier 45 degrees works horizontal and cerica
Haven't used enough different ones to recommend one.
j-pole I have been using it for about a year with good results.
J Pole
J-Pole. Cheap and easy to use. Works fine.
Yagi for fixed location. Directional and quite simply nothing else can get where this one has. I struggled til I got it, even with a J-pole. J-pole otherwise cuz its more portable and usually excellent. Of course I just use a vertical when I am in a vehicle but they perform poorly from my home.
Depends on if mobile or base station is desired. A 2m/70cm J pole for mounting at home or in a go kit; a 5/8 wave mag mount or permanent mount on a vehicle
Diamond verticle Best reputation
The Arrow J-pole (Deseret). It is an extremely solid, simple and rugged design and its SWR is virtually 1.0 : 1 on the frequencies I use right now. I also recommend the Diamond CP-22E monoband antenna. It brings in some

stations a little better than the J-Pole, especially the Driggs stations (and the J-Pole brings in some other stations better than the CP-22E). I use a 2-position antenna switch to quickly and easily switch between the 2 antennas.
I am not comfortable giving advice. I ask for it.
Arrow OSJ144/440 It performs well, easy to deploy, inexpensive
NMO mounted on a vehicle
I don't know.
I don't know
Diamond SRH 940, great antennae, top loaded, picked up signals even in the backcountry.
Deseret j pole
The diamond verticals are the ones I use the most and have been very reliable.
Arrow J pole solid performance, good quality
Base Station - high gain vertical at 30 feet or higher.
home brew j pole - inexpensive and works well and rugged.
OCF Buckscom
To many variables to answer such a simple question.
It would depend on the circumstances.
J-pole or mag mount
Easy to make, cheap, effective
Magmounts are great for having around when you are away from home and can't mount an antenna.
MFJ-1724B
It works well not very obstructive (or obvious).
Mobile Mag Mount, It is convenient, I can readily move to a new location, I can switch to a different vehicle if needed, Will work as a base station antenna, I can change antennas quickly...
Arrow Antenna OSJ-146/440 Dual Band J-Pole: It just works. Cheap, light, functional.
For home or portable use (away from home but not mobile) I would recommend any type of j-pole: usually have great omni-directional performance. Mobile use: mag mounts are flexible in deployment.
1/2 wave vertical. With the exception of some stations in Rigby I can hear/talk to all stations in the Rigby region with only 10 watts on simplex.
j-pole. Portable, cheap, reliable.

J-Pole. My shop made j-pole works great and is portable I use it with my handheld for many Net Check-ins. Though I would not use it on my Mobil radio.

I have had many home made J poles over the last 40 years, easy to make and they work flawlessly.

I like Comet and Diamond. They are sturdy, have good gain and bandwidth and don't couple to everything metal nearby. (A problem with J-poles.)

For a base station would be the diamond 510

This antenna has the best gain other than the most expensive diamond wich you only get a bit mor gain with it and the gain dos not outweigh the cost. This is the type of antenna I talked 85 miles simplex to from my mobile.

For mobile it would be the larsen 2/70.

It is the best all around antenna for me and will mount through body on the roof of my car and I have talked 85 miles simplex with it to a base station.

The arrow j pole is the one I have and everyone comes in clear. It's easy to set up and install. I didn't know there was someone local who made them when I bought a Comercial one.

We like the Deseret J-Poles assembled by our club

j pole
tram 1185 dual band

Hy-Gain

Mag mount. It works well and can be used in a variety of locations.

Deseret J-Pole, good antenna, easy to build, inexpensive,

J-pole, when you can use it I've had great success in the past

Diamond X510HD. LOTS of gain and performs well.

j-pole, for right now its the only antenna that I can use

Arrow J Pole for a go kit

That depends on the intended application. For most portable/Emergency use a dual-band Mag mount whip is quite handy and adequate. For higher gain and even better portability a 300 Ohm Twin-lead J-Pole is a good choice. I pack a Arrow Dual-Band Yagi for getting into repeaters from a distance with a low power HT.

j/pole

Mag mount vertical, 5/8 wave. Excellent performance, low cost, easy to move around when needed.

The one I use was inexpensive and works quite well

J-Pole. Simple, effective, inexpensive, and gets the job done.

I like my 2 meter, 70 cm J-pole. I also like my after market antenna for my hand held.

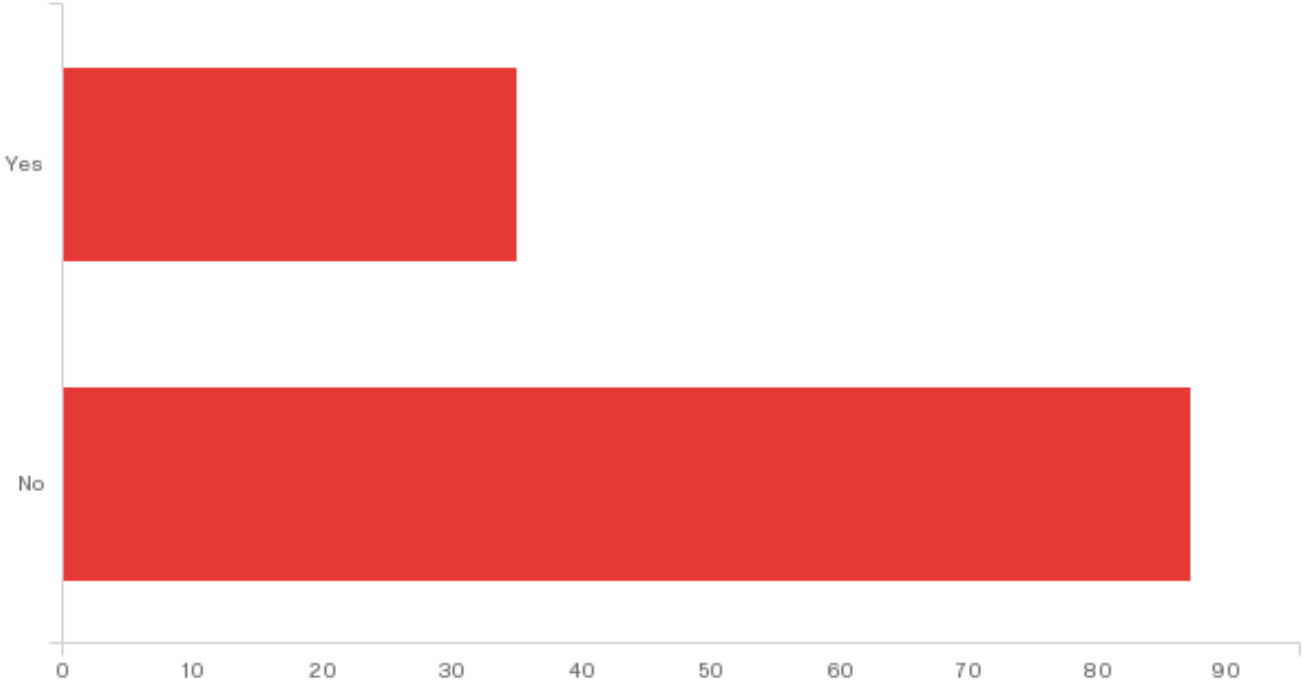
Deseret - economical and works great.

Don't have one - can't make a recommendation.
no idea, I don't own an HF radio
NA
Vertical with buried radials for limited room and omnidirectional use
G5RV. Very simple to deploy and very reliable and efficient.
80 Meter Windom/OCFD
No experience with these.
fan dipole
Not sure yet... Still testing the ones I have.
2, some sort of rotating beam and a long wire dipole
I'm new to this, I don't know. Sorry.
N/A
multiband dipole with open wire feedline and balanced antenna tuner
I am partial to a Hustler xBTV series vertical antenna. They work quite well, are pretty affordable for their performance, and are easy to install.
windom
di-pole or vertical multi
Windom OCF
Excellent performance, multi-band, portable, easy to erect, great home brew antenna
same as above
Vertical, because most places you can put them up and down easily.
I like the off center fed dipole for the multi band capability and the price is in my budget.
Depends on the application - beams or verticals for DX type work - but since most of what the ERC does is local and regional work i would recommend a multiband OCF dipole mounted in an NVIS configuration inverted vee
I like the vertical for DX communication but it is poor for local net 80m work. A NEVIS would work better for that but I don't have the room at my location.
??
I don't have enough experience to give any idea. I'm still wondering my self what to put on the tower I am going to put up

N/A
One that works on 160m & 80m as well as higher bands
N/A
OFcenter dipole
Yagi ...small. Very efficient
Haven't used enough different ones to recommend one.
Haven't found a good one yet. HAM shack has noise being generated in garage somewhere, haven't found the source yet
20 meter vertical ground plane
Wire with a tuner. Cheap and versatile if you plan ahead for ways to suspend it.
For a multiband antenna, I've had good success with Butternut HF9V. More expensive than a dipole or G5RV but good.
Wire dipole. Inexpensive
The G5RV. It is rugged and can be matched OK with an antenna tuner on the HF band.
I tried a GAPP Voyager and it performed very well but eventually "fell down" and I haven't fixed it yet.
Depends on situation. Windom (dipole) and Eagle (vertical) both function well
NVIS dipole cut to frequency
I don't know.
I don't know
G5RV, easy to make, good reception, easy to put up.
OCF dipole good performance
Yagi on a tower for 20m - 6m OCF 160m dipole at 40 feet or higher fo 40m - 160m
horizontal loop - very good reports and many in use in Idaho.
Best reports from eHam and local users.
See above
N/A

N/A
Dipole cut for band -- easy to build, easy to set up.
What ever you can put up and get to work. Experiment and have fun. It is really exciting to make contacts on the other side of the world on a simple wire you've ran along the top of your fence or stood up in your yard.
For what I do the G5RV works well - it is fairly quiet and ranges well.
The more metal in the air is always better, even if you have to tune to it, look at any commercial AM radio station
Steppir. High performance and tunable on every band.
For the aplication I use and the space I have to work with, I would say the buxcomm 2-80 meter ocf . I work mostly NVIS and this antenna seems to work very well.
I'm impressed with my Hex-Beam because it seems to have very good reach when the bands are open.
N/A
I don't have experiance with HF antennas
Homebrew 137' OCF Diapole w/ 4 to 1 balun.
I don't know
OCF dipole
Again, very dependent upon application. For regional 40m comm a low-to-the-ground dipole or G5RV is usually adequate for a 300 mi. radius under most any propagation situation (NVIS). For longer portable comm, an inverted V is a good performer. But I like my 3 el Steplr beam for base use 40-6m...
I've been happy with my attic dipole. Low cost, pretty good performance. Certainly a Yagi at 40 feet would do better, but I don't have the money for the antenna/tower, and my wife wouldn't let me put it up in the yard, either.
No experiance.

Q31 - Would you be willing to briefly (1-2 minutes) share an antenna experience, either good or bad, on the air?



Answer	%	Count
Yes	29%	35
No	71%	87
Total	100%	122

This weekend I contacted someone on the Intermountain intertie using a handheld UHF antenna with a handheld radio from within a car with varying degrees of success.

The HF antenna I've been deploying with my low power (QRP) Yaesu FT-817ND is the chameleon CHA-HYBRID-MICRO WITH A 60 ft wireline I've been deploying the horizontal NVIS configuration and have been having good contacts on the 20 and 40 m bands

Often times on the Wednesday net I can frequently check in on my net then move to Rigby, and Rexburg and check in too. That's pretty good on 5 watts simplex, for VHF!

Stood my home-brew Slim Jim in my patio door and was able to check into all the nets, and hit all the repeaters. This was before I had my J pole antennas.

I have worked over 110 countries in a little over a year.

versatility of a 2 meter mag-mount antenna

This is Alan Smith..I have a home-made J-pole that is Temp./Permanent. I use it every week to check in...It's mounted on an Army surplus tent pole approx. 4 ft tall.I have 7 lengths attached so it reaches about 30 ft. It can be brought down in about 5 min. It stays up always by side of house, but if I need to GO in 5 min. I'm ready.

I have tried several types of antennas and the ones I use seem to work the best.

I am not going to be here on the 2nd.

whatever you need Todd - happy to if I am around

Tower/tree safety - working at elevated heights.

Issues I have had with HF. Success that I have had with my VHF antennas.

Simplicity of a ground plane, inexpensive and portable

For a long time I would have to drive to a more elevated location and call in from my vehicle to hit the repeater with 50 watts and a vertical. Even the j-poles we made wouldn't get in reliably. When we switched to regional nets I would need to drive closer or seek elevation. Now with the directional on a 20 foot mast I can stay home and hit the repeater or the regional net with 5 watts on a handheld .

My first radio was a hand held with a rubber duck. I bought my Mag mount a month or so later. I was amazed at what a difference the Mag mount made.

Antennas in attic, although protected from elements (lightning) and critics, they do affect the signal.

Homemade Slim jim used to talk from Island Park to Plano on Simplex.

Tuning a 80M OCF for 160m

Vertical polarized vertical doesn't receive local traffic, most of which is horizontally polarized wire traffic. 60 foot end-fed does receive well, but doesn't transmit well enough.

I used my Alexloop Portable Magnetic Loop with my KX3. It performed very well at Field Day w/r/t OCF dipoles with 100 Watt radios. Band conditions were not particularly good that day. We had a Yaesu FT-991 on 40M on an OCF dipole, and a Yaesu FT-897 on 20M on an OCF dipole. My QRP KX3 was making SSB contacts as easily on 15 meters to both coasts with the Alexloop as the 100W rigs were doing on dipoles up in the trees.

This would be a yes if I were going to be in town.

building antennas that work, made of what ever you have available

Mobile to base station simplex contact 85 miles or
As a base station distant repeater and simplex contacts.

Mag mount Tram 1185, affordable but universal. can be used in many situations. I use it on multiple vehicles.

I have generally good reception and transmission on an antenna that is installed in my attic (where my wife does not object to the aesthetics). It would be better on a mast outside the home, but it is really pretty good.

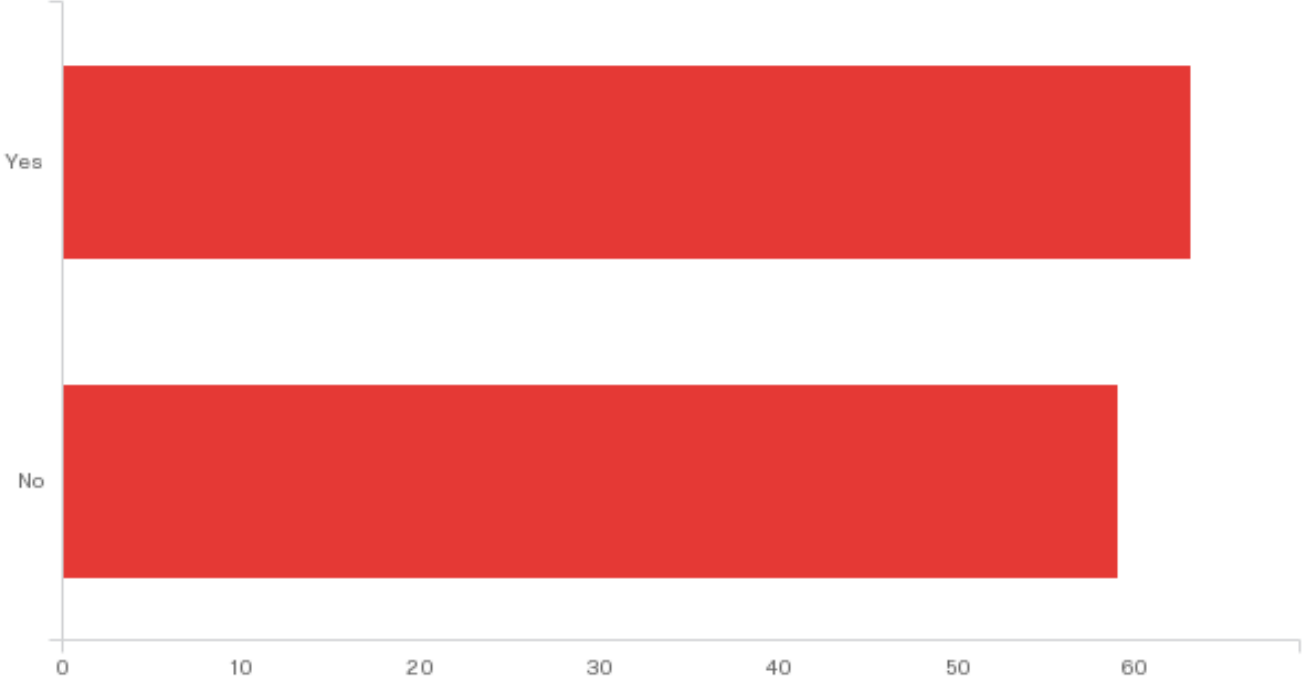
I recently contacted a ham in Portland Oregon after some modifications I made to the Ultimax 100 antenna. It performed quite well.

Building windoms

I've worked just about every band Commercial, Military and Amateur over the years. For HF any antenna is better than no antenna... Ground systems are more important than the Antenna on all setups. Tricks to get good grounding in emergency/Portable situation range from driving a spike into a tree root to burying a piece of scrap metal a few inches into the ground and using all available liquids at your disposal to reduce its resistance...

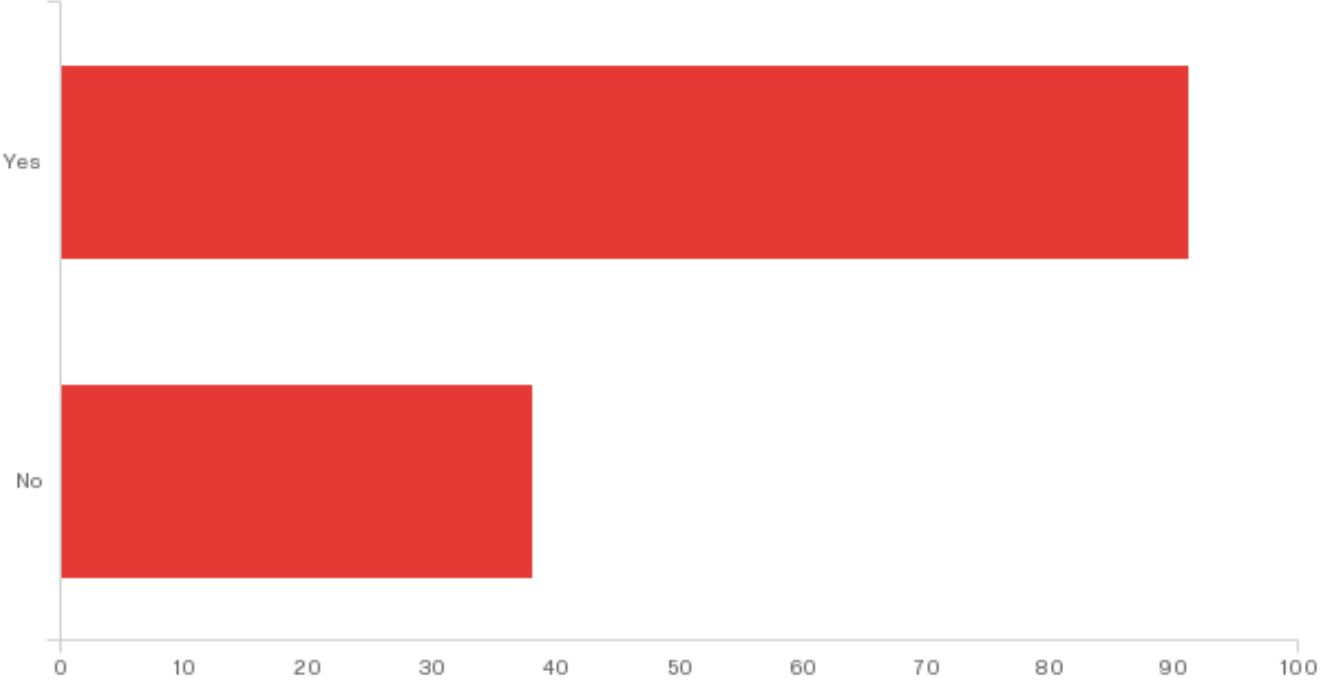
Building and installing a dipole antenna for the attic.

Q35 - I want to upgrade my FCC license



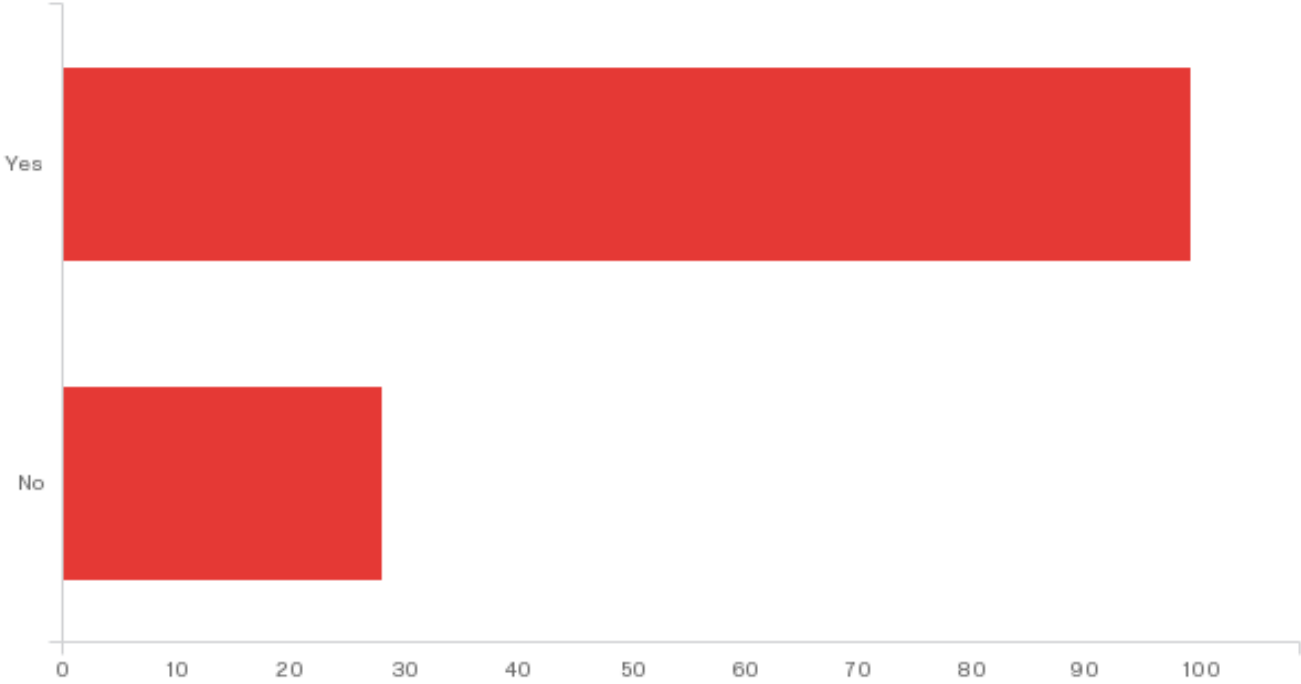
Answer	%	Count
Yes	52%	63
No	48%	59
Total	100%	122

Q36 - I would like to learn to build a VHF/UHF antenna



Answer	%	Count
Yes	71%	91
No	29%	38
Total	100%	129

Q37 - I would like to learn to build a HF antenna



Answer	%	Count
Yes	78%	99
No	22%	28
Total	100%	127

Q38 - What suggestions do you have regarding training topics or formats?



What suggestions do you have regarding training topics or formats?

What suggestions do you have regarding training topics or formats?
Need more training on HF.
How to measure and manage your wattage and SWR.
None the are very good
More on HF would be good. Many operators do not even realize that the ERC operates on HF bands
I think the thing that would be the biggest challenge for me as a new ham would be to solder connectors on an HF or VHF antenna.
How to get a signal outside the valley.
I'm ready to make the transition to mobile (on-vehicle) systems, but am absolutely paralyzed by the massive choice of antennas available for it. Don't know where to start, which antenna is best, which mounts are best, how to make connections, how to splice into the vehicle power.
That would be my #1 request for training session topics.
None now
digital modes
Batteries are always good. Alternative energy generation (solar, wind) would be good.

Digital communications methods.
more sharing of information via email as great opportunities, sales and equipment opportunities are found by other members who have more time to look them up. Suggestions to assist setting up local , Stake nets so we can practice emergency communications without the pressure of being on the entire Idaho Falls storehouse net?
Hands on
Some of the new hams might like to learn more about how to best learn and enjoy CW. It is fun and is like mastering a foreign language.
I'm new anything is great.
need to be shorter, or those not interested should be excused.
Hands on
Let's start talking about tuners, amplifiers, towers, beam antennas, other nets and frequencies, being an Elmer, getting on HF, duplexers, splitters, and dummy loads.
I like being able to set by a more experienced operator and actually talk on the radio. I learn a lot that way.
good basic antennas and grounding systems and lightening protection
?
We need to do another exercise
message handling-logging-methods on notifying ward members -different senerios no cell phones- power outage etc. THANKS!!!!!!!!!!!!for all you do to help us!!!!!!!!!!!!
???
More antennas stuff.
Whatever it is, keep it brief!
antenna training needs to be hands on so people can see and touch the different antenna types - supported by simple concise slides that show the theoretical / mathematical differences in gain, direction/pattern, etc.
Smaller training sessions to train in digital. More help on building a go box with my radio
For all the new people getting there licenses they would like to know what is the best kind of radio to get.
Feed line selection, baluns, antenna tuners for HF, atmospheric propagation.
Help with HF digital. I think that I have the equipment.
Soldering or basic electronics
I would lilr to learn more about Echo Link

I would like to have more message handling exercises
Antennas. Grounding. Lightning protection. Generators and emergency power. Mobile operation and equipment. The essential procedures to provide best support to Priesthood Authority.
Keep them coming.
How to start a club.
Mesh Networking
Building good DX antennas for 40m - 160m
Make a written copy of training available via email.
more on atmospheric, propagation.
How to have antennas up at school
More info on public service CERT, ARES
Digital Modes; Using HF for emergency comms;
use and sharing of radio programming hints and uploadable files for programming. Many don't really understand the process or take the time to program more than a couple of frequencies.
It is so hard to train over the air. Have more frequent meetings for face-to-face training.
Most hams in our group need hands-on training on use of their hand-held radios.
how to use features on radios? How else can we be using the a vhf radio besides change channels.
How to properly mount to buildings, especially in apartments where you can't do permanent mounting.
Antenna construction and possibly hands on.
none
Train by doing. Nothing replaces hands-on. I would be happy to sponsor an antenna building/deploying class in the Salmon area.

Q39 - What other suggestions or comments do you have for ERC leadership?



What other suggestions or comments do you have for ERC leadership?

What other suggestions or comments do you have for ERC leadership?
A map of the ERC North region showing wards and boundaries.
None
More training in the basics for those of us that are really new. Proper way to have conversations on the radio, etiquette, programming radios, etc
I am a little foggy about what types of wires make best and durable antennas.
I'm absolutely puzzled why most Stakes (and thus wards) in our region don't appear to have a formal (or even informal) Emergency Communications Plan. Why is that?
I would encourage repeater antennas improvement
I don't have an HF radio - but an HF net would be good to have. The website is getting better - but I think there is still room for some organizational adjustments to make it easier to find things like net preambles, contact information for other operators in your region, etc. How about organizing small groups of people at our next monthly training meeting, from 2-5 each, to get together either in person or on the radio, to practice radio etiquette, acting as Command control, or recording radio communications messages, and then reporting back to the group at the next training meeting?
None, keep up the good work!
Thank you for your work

It looks like my ward has not had a representative for quite some time and our Bishop is just barely working to remedy the problem. How much information does our ward miss if we do not have a representative?

More hands on projects

Have the net extension once a month after the local nets, not every week. Make local nets take turns checking in on the 88 for their net, not local on simplex. Make nets check in on alternate frequencies.

I've listened to two nets and been to one meeting now and I think they are great. I've really enjoyed being a part of this. :)

i would like to have more hands on practice. Maybe short exercises where we have to change channels. Or exercises to get to know our radios better.

Thank you for all you do. I would be willing to help but wife and myself have both had back surgery this year.

?

I really miss the annual conference

Anything & everything I've learned has been useful...!!!

Let's do some field trainings and talk on radios.

If there are going to be local exercises, need to be sure this meets the needs expressed by local priesthood leadership.

keep doing a good job!

Smaller training/classes 5-8 people so their is more hands on training an one on one time

Keep up the good work. Your doing great!

Don't call the NCOs for their reports on the nets. Just have them call in like the rest of us.

How to find NOISE sources.

Have more storehouse net operators

You guys are great and I'm grateful you are so diligent in your efforts.

None

Getting the Priesthood Authority more involved so they would know better what ERC can do and how they (Priesthood Authority) can best utilize what the ERC can do for them.

The training always is timely and informative

Create a ham radio hobby group which can operate independent of ERC leadership limitations

I've already sent my suggestions several times.

post net chews are good.

Possibly do antenna building parties

You are doing a great job!

Consider doing short training at the region level where more members can participate. It seems it is always the same individuals doing training on the repeater and very few regional members are able to get involved.

Lets have more fun! How about a VHF contest? I have all the stuff from one that was held in Oregon a few years back if you want it.

Help the beginners get connected with elmers.

We've begun announcing a frequency change on our Sunday practice nets to "stretch" everyone into becoming better at using our equipment effectively

Thank you so much for taking so much time out of your everyday life to provide us with training and very useful information.

Maybe have a list of well-experienced operators in each region who less experienced HAMs can go to for help on a given topic, or generally. I don't know who to ask, and I know some of the leaders are very busy people so I hesitate to ask them even though I know they know the answers to my questions. Alternately, maybe an FAQ site or local area 'chatroom' of sorts to ask questions and people can answer as available, and others can see the responses as well.

None @ present.

none

Great job! Thanks for the time and effort that you folks put forth!