

IRC “GET ON THE AIR” SURVEY

WHY A SURVEY

How can we elmer club members, especially new technician and general class members, with "Getting on the Air" or taking a 1st step in exploring a new radio activity

Survey Format

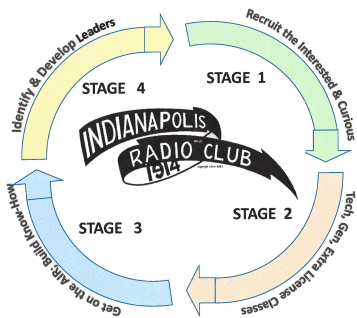
Section 1. Questions to rank the interest in learning more about a specific topic.

Example: “How to build, test and install a wire HF antenna”

1 2 3 4 5
 No Interest ○ ○ ○ ○ ○ Very Interested

Section 2. Tell us about yourself: Yrs. in hobby, License class, Current Interests, Antennas, Operating modes

Section 3. Comments: Topics & ideas we didn't mention. What do we do well and what don't we do well? How can we improve?



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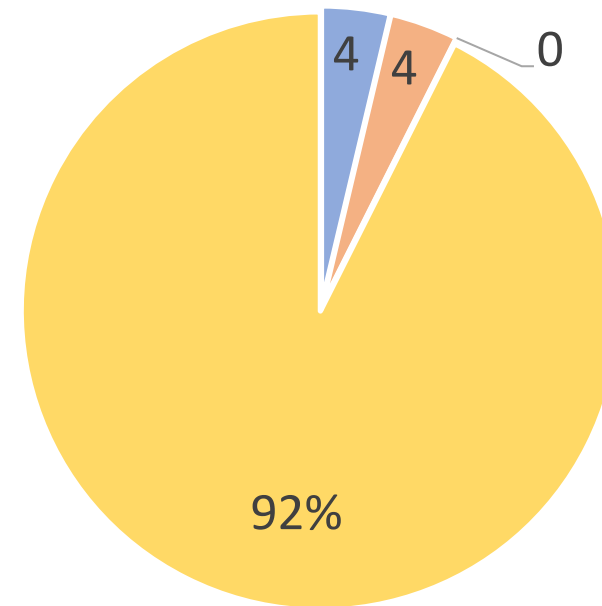
The Survey Database

- Survey Responses were collected from May 1 through May 20, 2019
- We had 29 respondents; 27 completed all 3 Sections and 2 completed only Sections 2 & 3

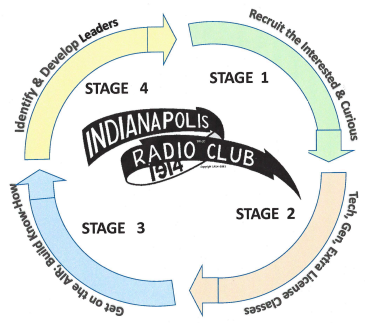
WHO WE ARE: by License & Experience

Profile of Survey Respondents		
LICENSE CLASS	RESPONDENTS	
CLASS	NUMBER	% TOTAL
EXTRA	14	52
GENERAL	9	33
TECHNICIAN	4	15
TOTAL	27	100

Duration of Holding a Ham Radio License



■ <1 YR ■ <2 YR ■ <3 YR ■ >3 YRS



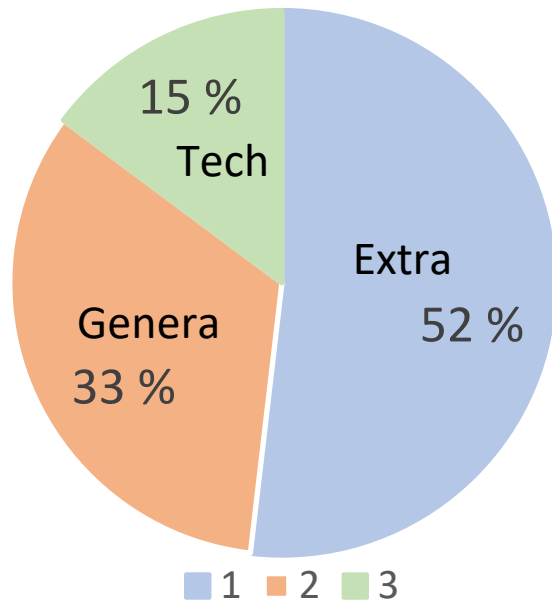
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The Survey Database

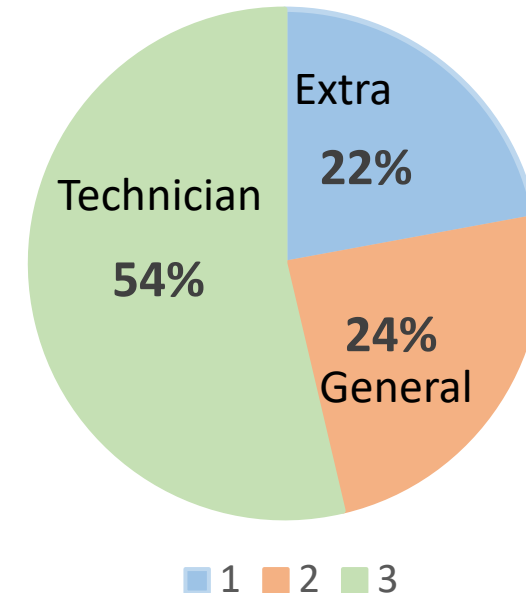
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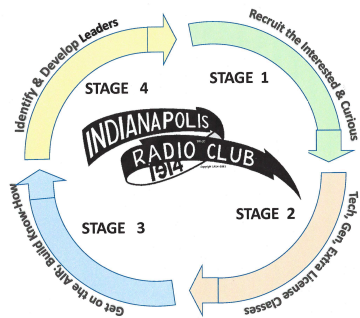
WHO WE ARE: How do we compare to ARRL Norms

Profile by License for Club Members



Profile by License: ARRL National Average



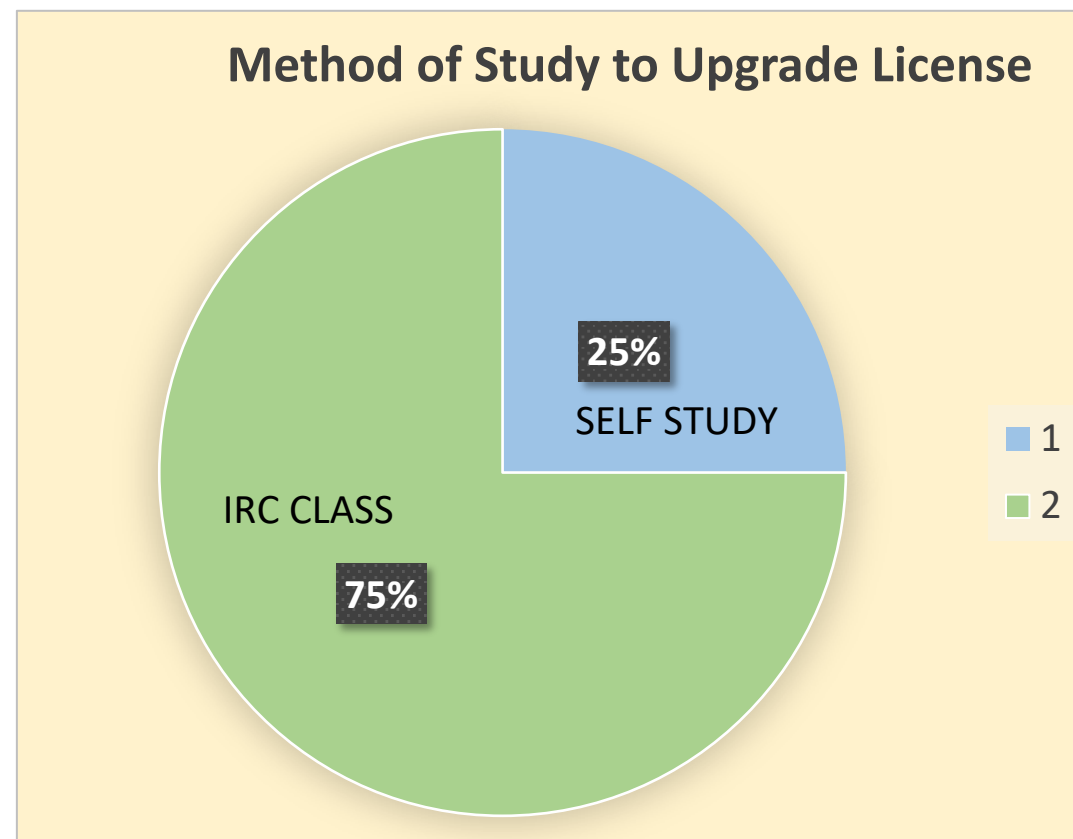


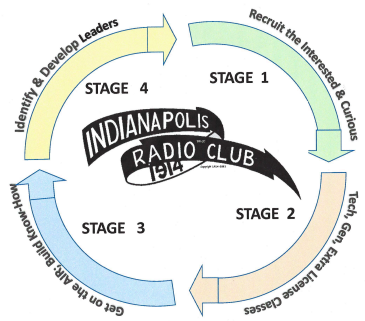
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WHO WE ARE: Learning & Going Up the License Ladder

Intent to Upgrade by Method

		SELF STUDY	IRC CLASS
GENERAL	5 OF 9	2	3
TECHNICIAN	3 OF 4	0	3
TOTAL	8 OF 13	2	6

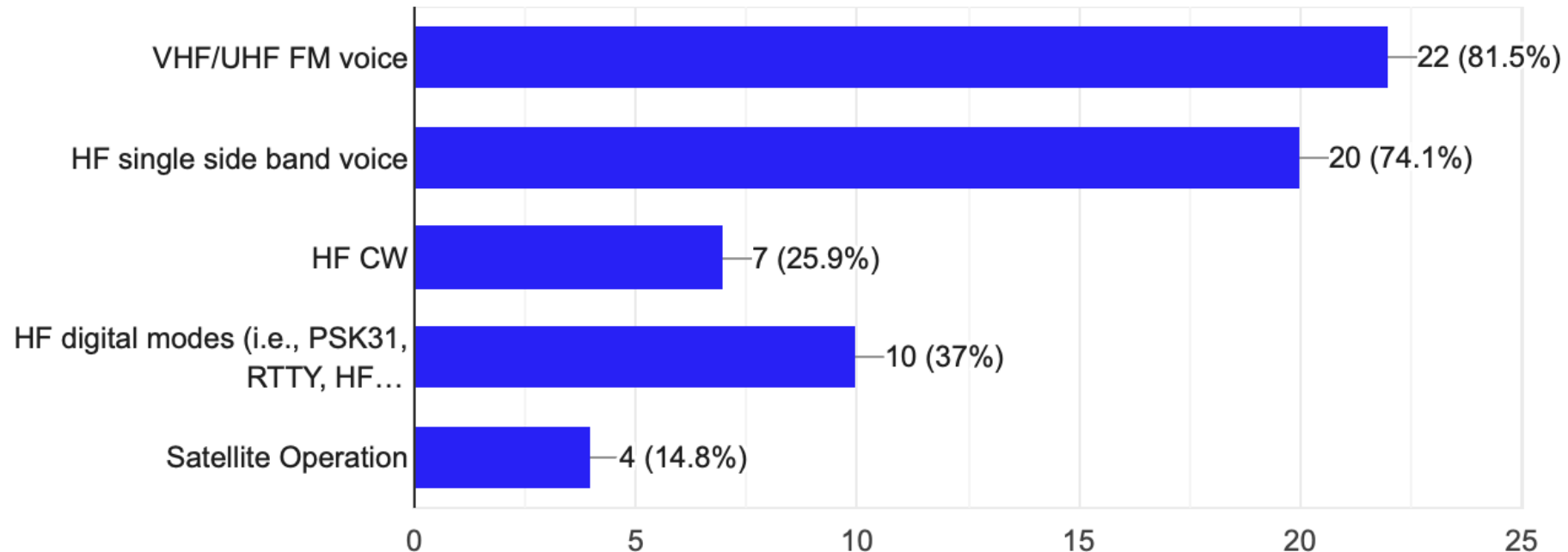


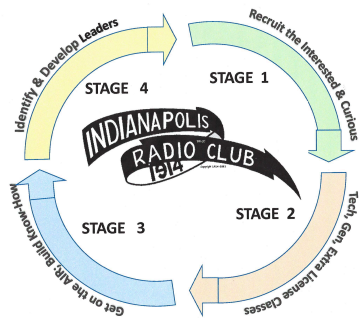


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WHAT WE DO: How do We Communicate to the World

What transmission modes do you generally use? Check all boxes that apply

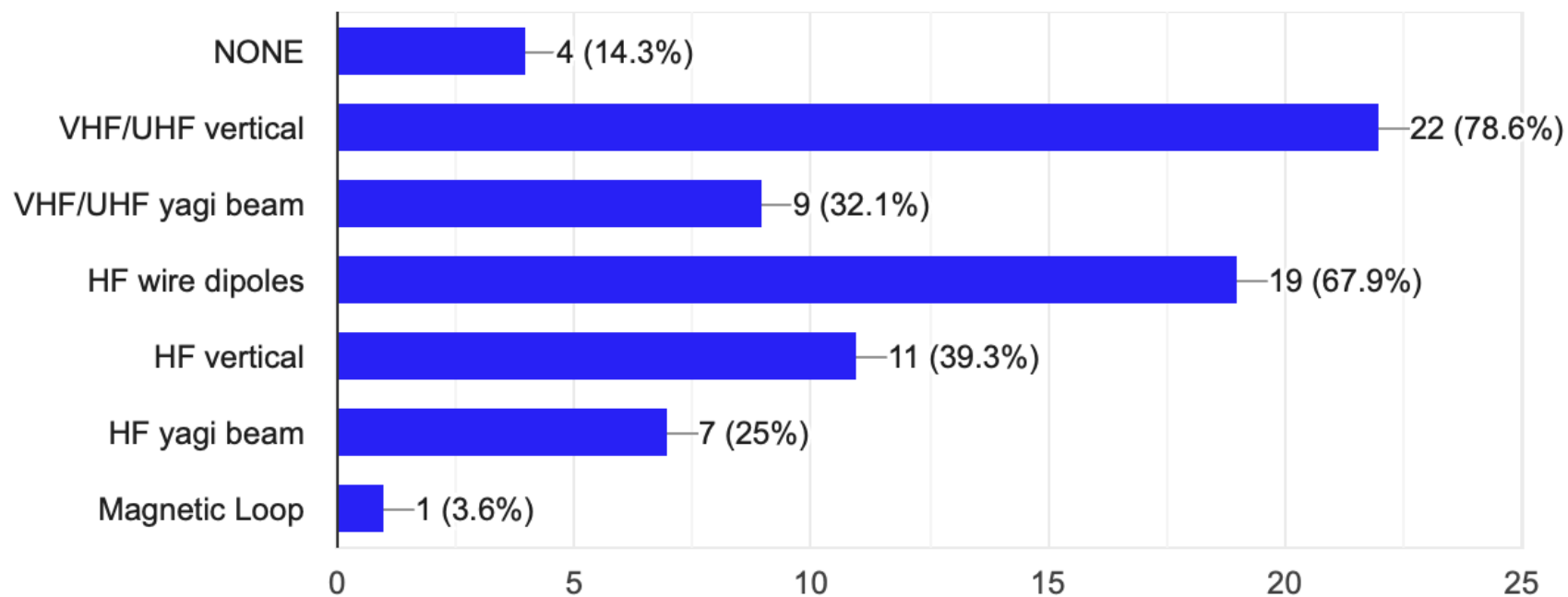


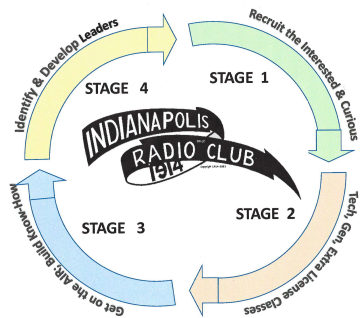


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WHAT WE DO: Antennas Big & Small

What antennas do you have now? Check all boxes that apply





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Growing: What We Want to Learn & Do

Extra, General and Technician Hams have different skill levels and interests.

Still, all club members share many common interest areas.

This Table shows topics that all respondents rated as above average interest to them

Orange marks interest of a single class

Green marks interest of two classes

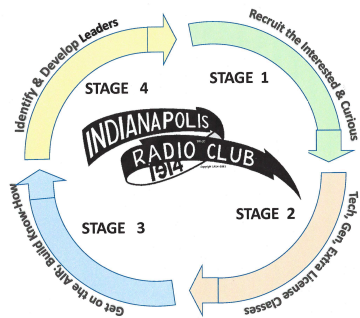
Yellow marks interest by all three classes

JUNE 2019.

TOP 50 % SCORING QUESTIONS		AVERAGE RANK SCORE		
Combined across all Respondents for Extra, General & Technician License Class				
QUESTION		TECHNICIAN	GENERAL	EXTRA
2	How to program my VHF/UHF HT radio	4.8		2.8
3	How to select my 1st HF radio	4.8		
4	How to decide on my 1st HF antenna	4.8	3.3	2.9
5	How to build, test and install a wire HF antenna	4.3	3.3	3.3
6	How to setup my QTH radio station	4.3		
7	What test gear & station monitoring items to have	4.3	3.6	3.3
8	How do I ground and bond my home radio station	4.3	4.4	3.8
9	How can I learn more about radio electronics		3.7	2.9
11	How do I get started with EchoLink	4.8		
12	How do I get started with HF digital modes & Why		3.7	3.2
13	How can I get started in learning CW, find gear and classes		3.3	3
14	How can I learn operating skills to chase DX and do contesting			2.7
15	How do I get started in amateur satellite operation	4.3		
17	What gear do I need to go portable operation	4.3	3	
18	What is VHF fox hunting & what gear is needed		3.1	
19	How can I learn about applications of Raspberry PI & Arduino		3.6	2.9
AVERAGE OF ALL 20 QUESTIONS		4.1	2.9	2.7
AVERAGE OF 3RD + 4TH QUANTILES		4.5	3.4	3.0

FIRST PEEK OF SAMPLE DATA

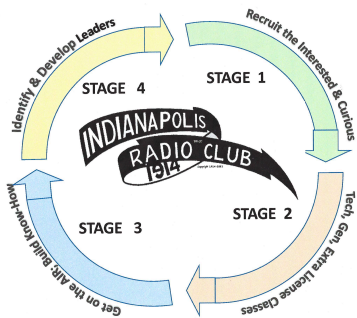
DAVE MICHAELS N1RF



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QUESTIONS LISTED BY the SUM OF RESPONSES for RANK SCORES (3 + 4 + 5)
 Top 1 to 10 Questions (Combined all respondents)

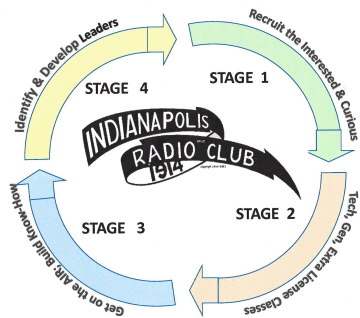
ORIG LIST NUMBER	% SUM by RANK #3+4+5	RANK=5	RANK = 4	RANK = 3	
8	90	56	19	15	How do I ground and bond my home radio station
7	85	22	37	26	What test gear & station monitoring items are best to get
12	78	26	30	22	How do I get started with HF digital modes
9	75	19	37	19	How can I learn more about radio electronics
5	71	41	11	19	How to build, test and install a wire HF antenna
19	68	40	12	16	How can I learn about applications of Raspberry Pi computers and Arduino controllers in Ham Radio
6	60	11	30	19	How to setup my QTH radio station
18	60	19	15	26	What is VHF fox hunting & what gear is needed. Are there local organized activities
13	59	33	22	4	How can I get started in learning CW & what gear do I need. Are there local area classes.
17	59	11	41	7	What gear do I need to go portable operation at local parks or historical sites



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QUESTIONS LISTED BY the SUM of RESPONSES for RANK SCORES (3 + 4 + 5)
11 to 20 Ranked Questions (Combined all 27 respondents)

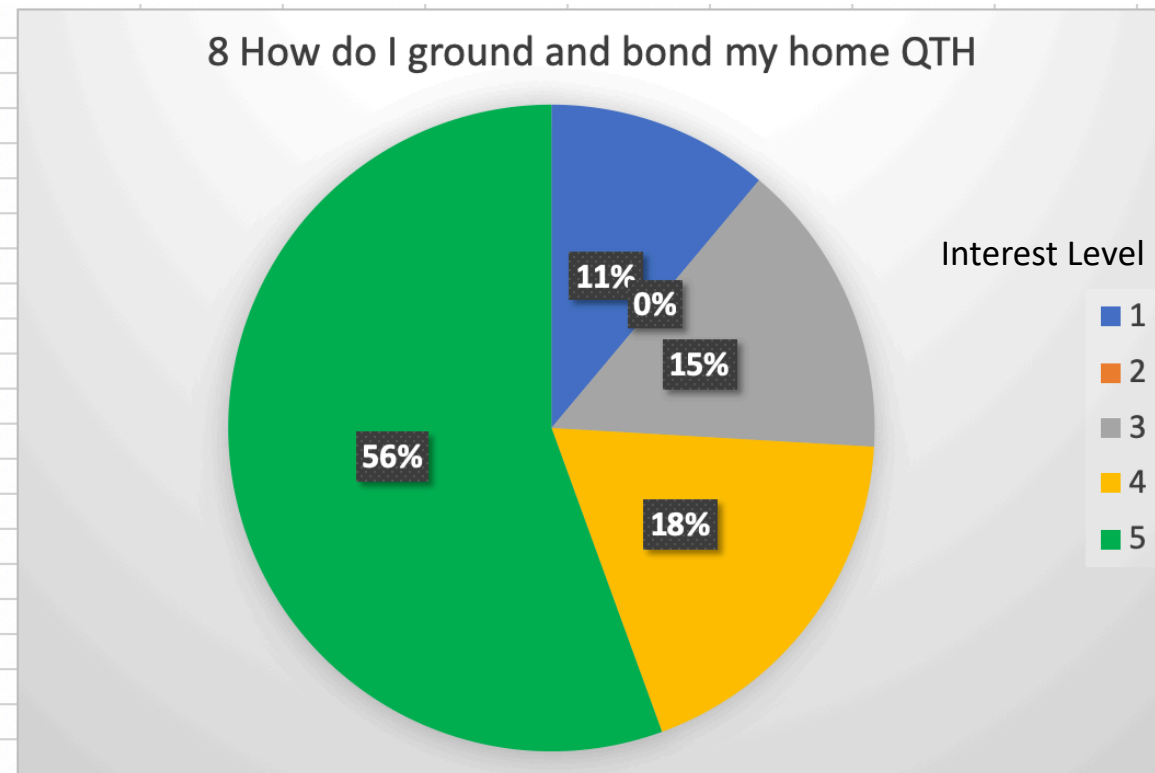
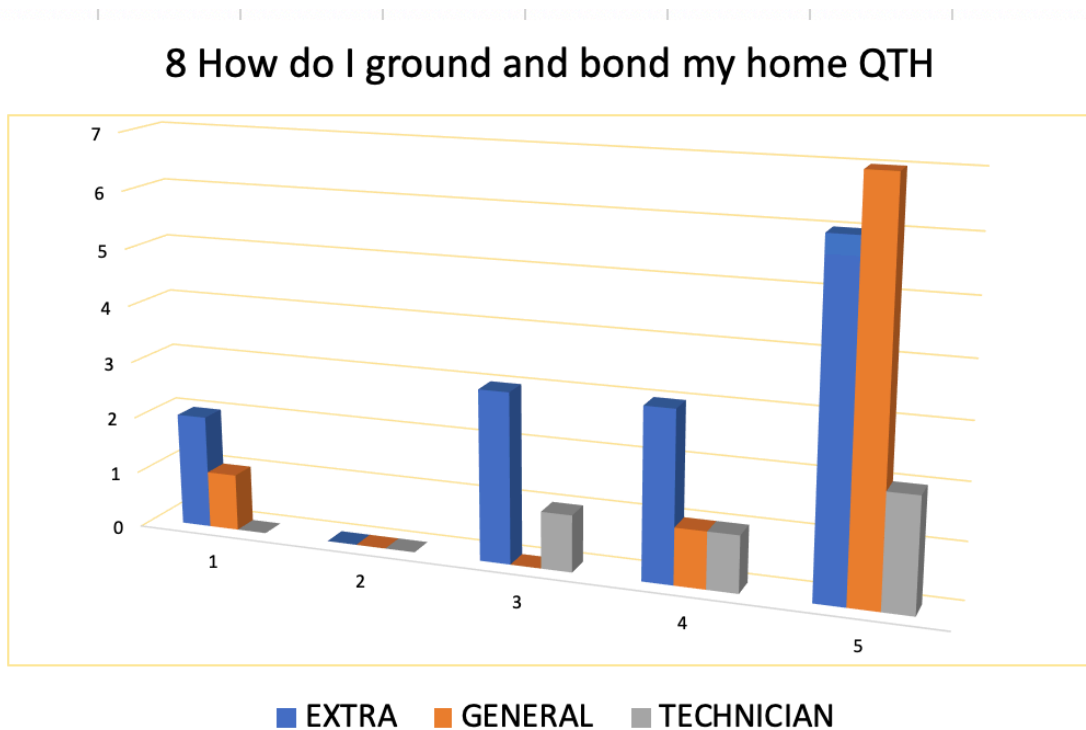
QUEST. #	SUM(5,4,3)	RANK=5	RANK = 4	RANK = 3	
14	56	22	15	19	How can I learn operating skills to chase DX and do contesting
15	56	15	11	30	How do I get started in amateur satellite operation
4	55	44	11	0	How to decide on my 1st HF antenna
2	52	26	22	4	How to program my VHF/UHF HT radio
3	52	22	11	19	How to select my 1st HF radio
11	50	19	19	12	How do I get started with EchoLink
20	49	11	19	19	How can I get started in low cost kit building of QRP radios and test gear
16	45	15	11	19	How do I get involved in ARES , RACES or Skywarn activities
10	43	4	4	35	How do I find and participate in a 2m repeater net
1	18	7	0	11	How to select my 1st VHF/UHF HT radio

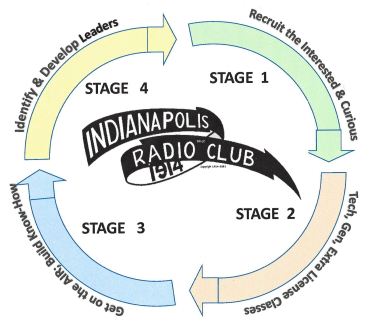


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Details of Question Responses in Descending Order of Interest

SCORE 90: Question 8. HOW DO I GROUND AND BOND MY HOME QTH



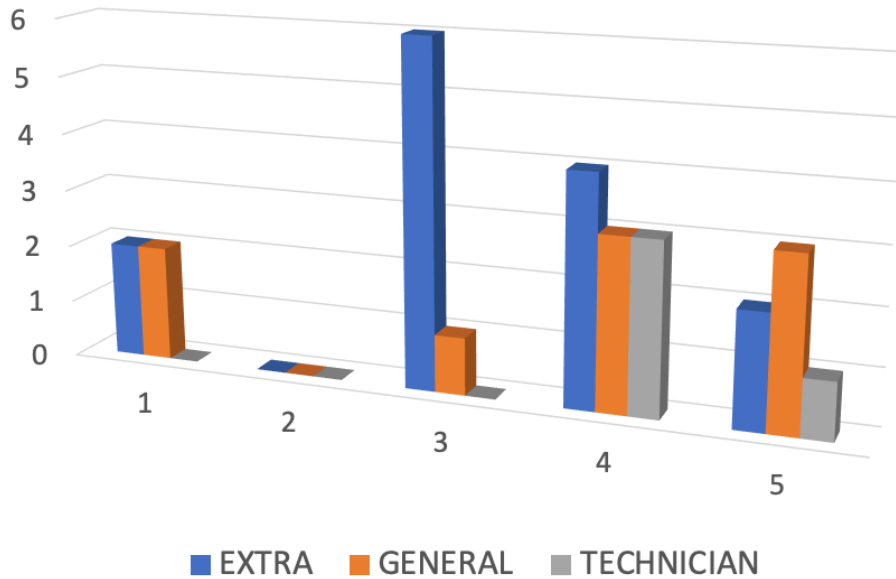


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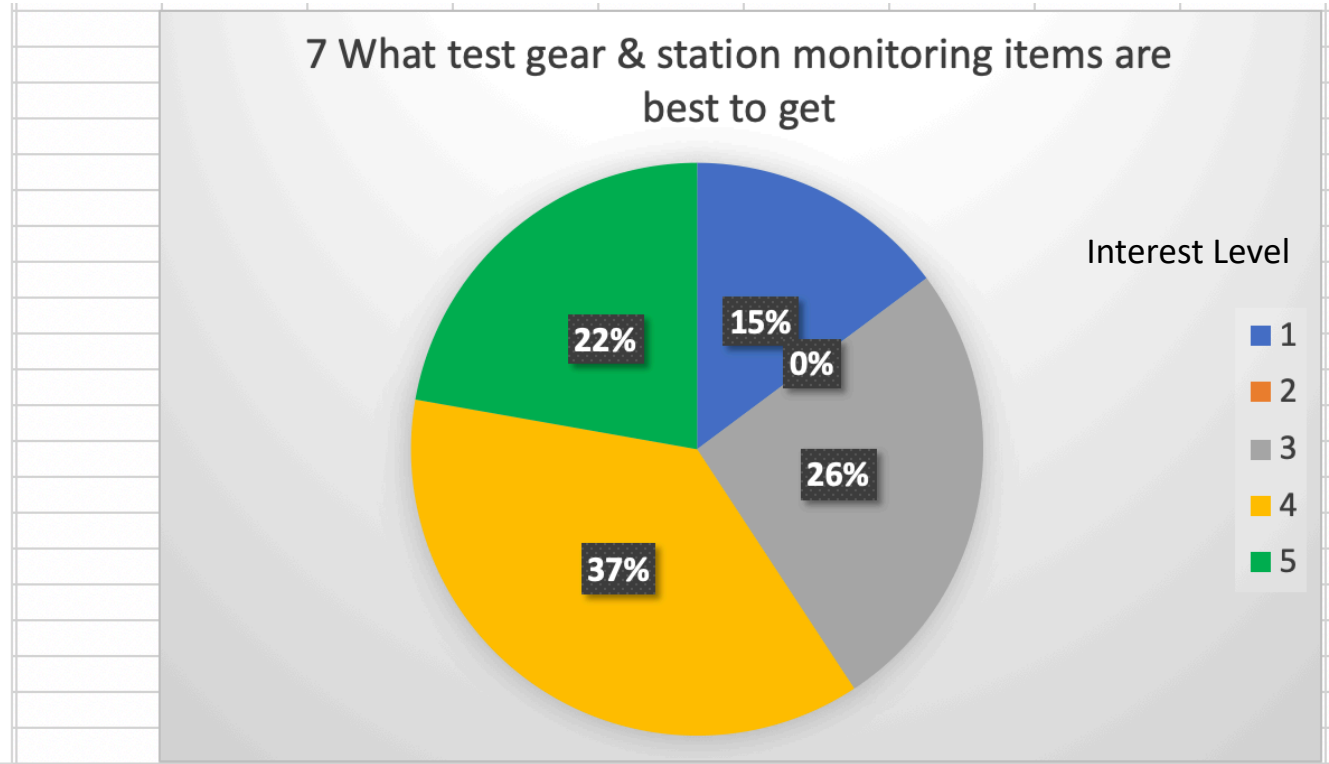
Details of Question Responses in Descending Order of Interest

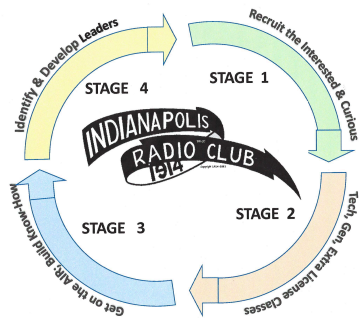
SCORE 85: QUESTION 7. WHAT TEST GEAR & STATION MONITORING ITEMS ARE BEST TO GET

7 What test gear & station monitoring items are best to get



7 What test gear & station monitoring items are best to get

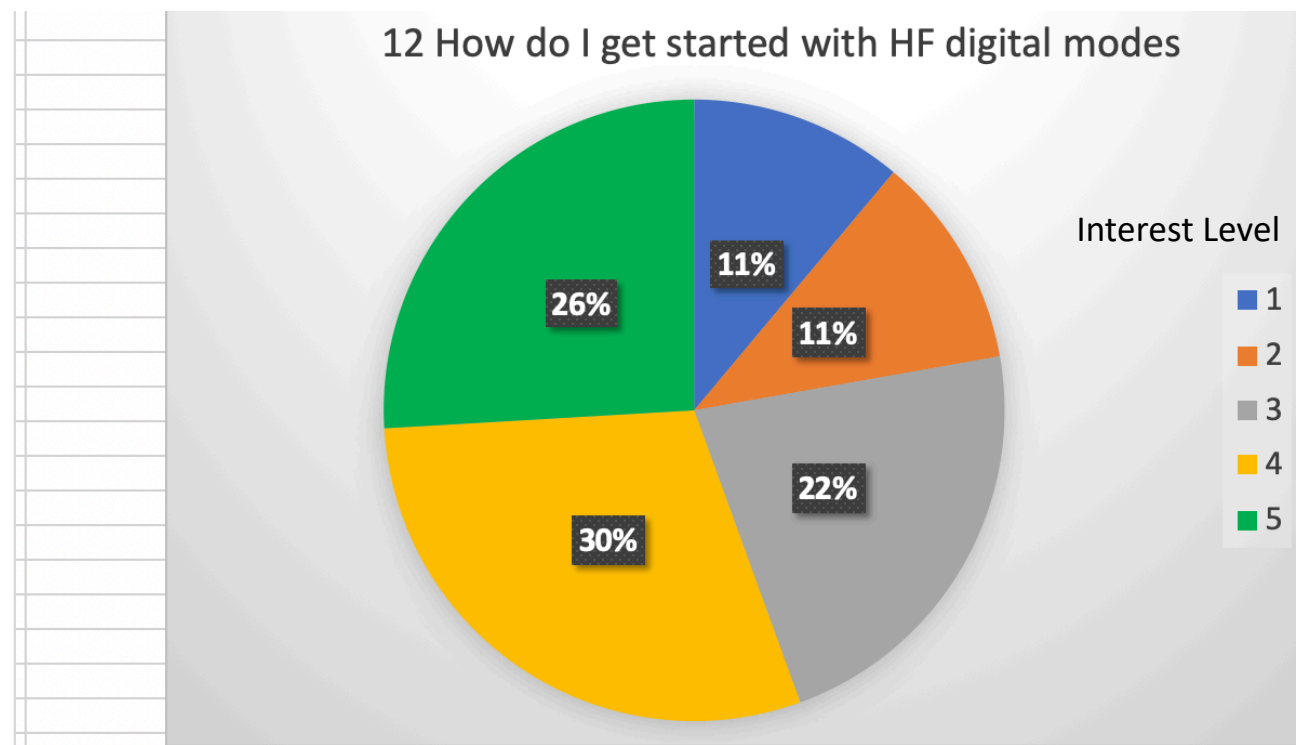
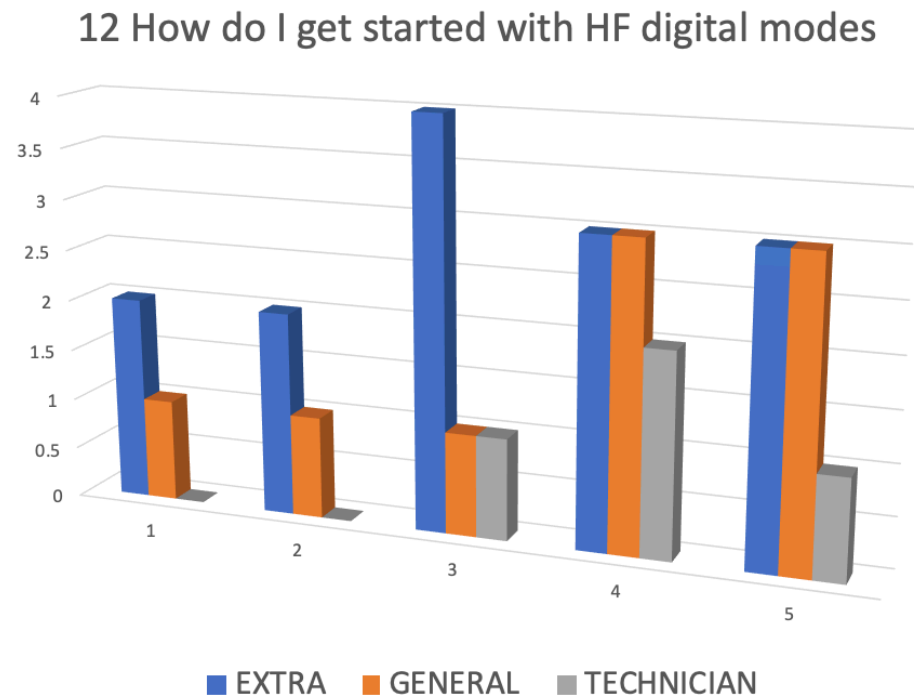


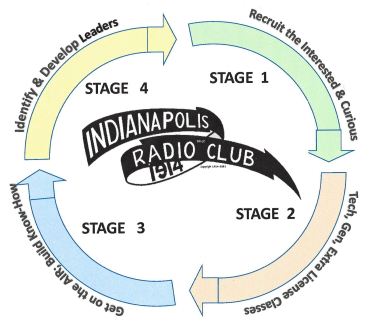


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Details of Question Responses in Descending Order of Interest

SCORE 78: QUESTION 12. HOW DO I GET STARTED WITH HF DIGITAL MODES

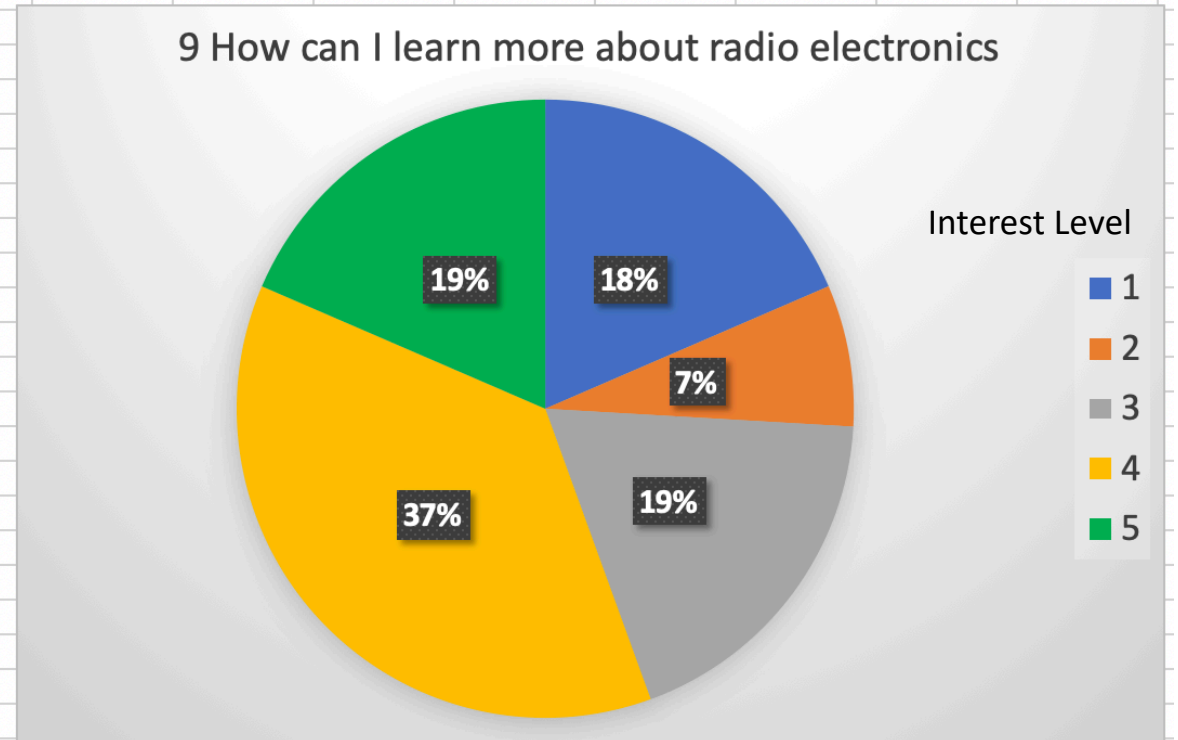
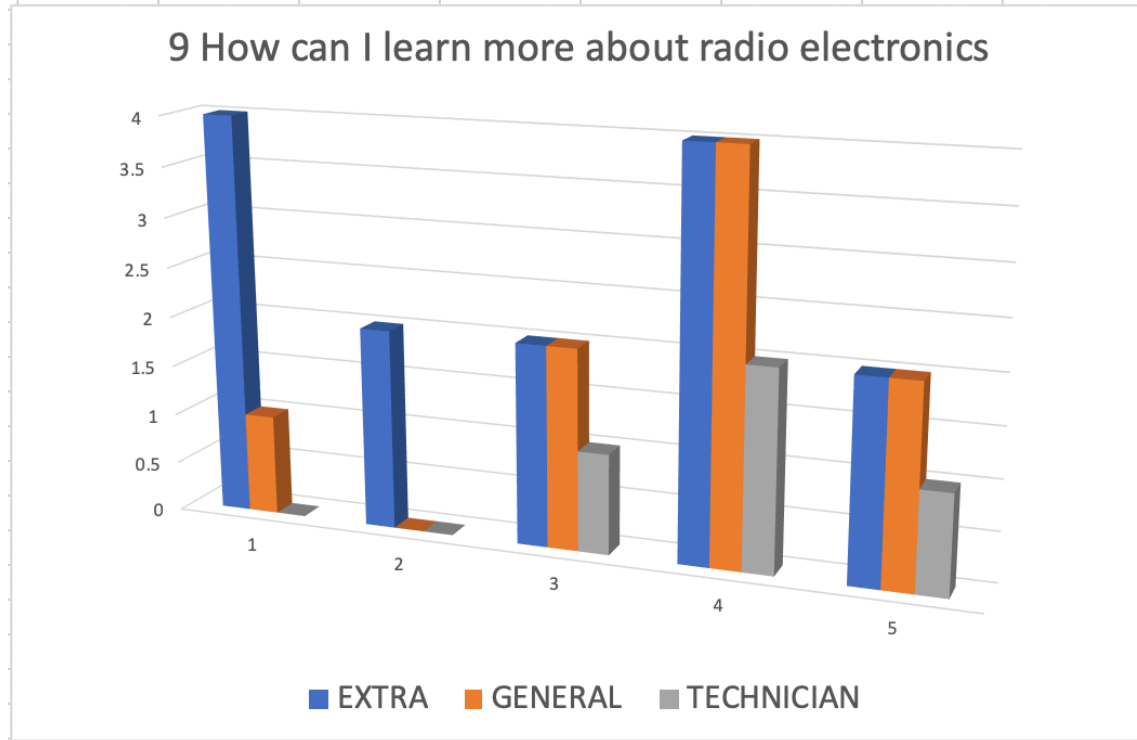


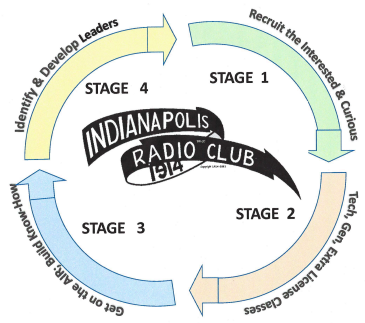


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Details of Question Responses in Descending Order of Interest

Score 75: QUESTION 9. HOW CAN I LEARN MORE ABOUT RADIO ELECTRONICS

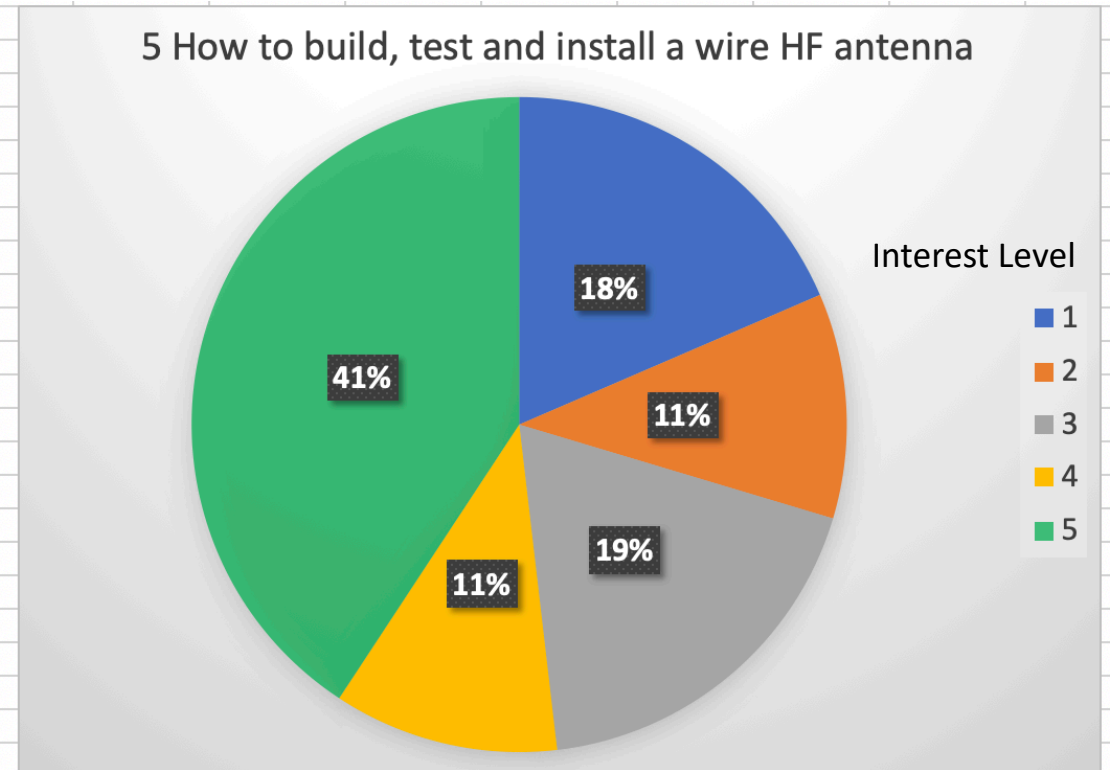
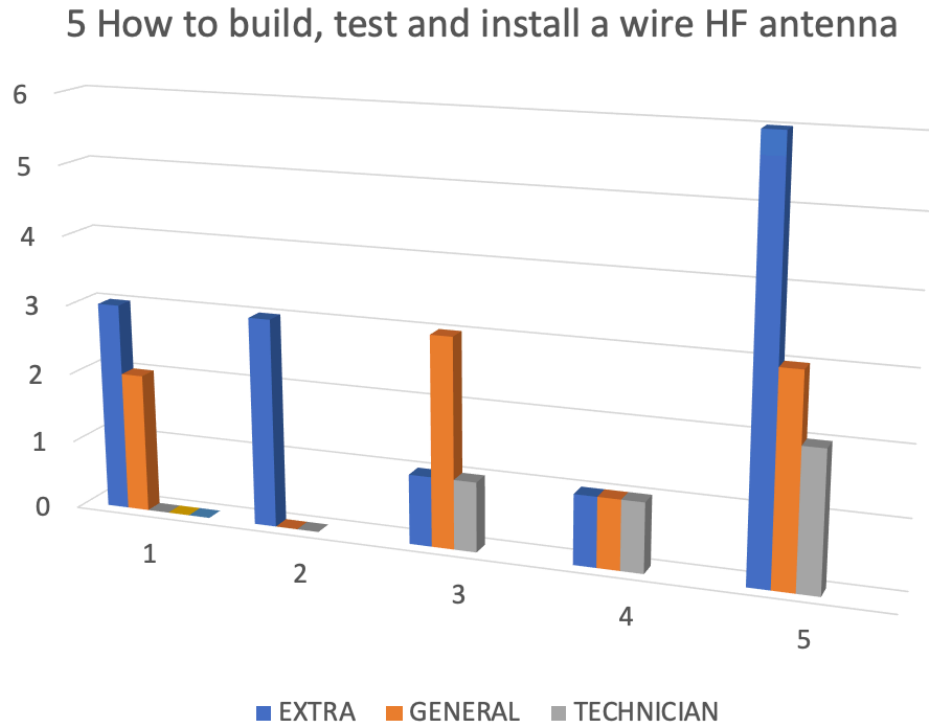


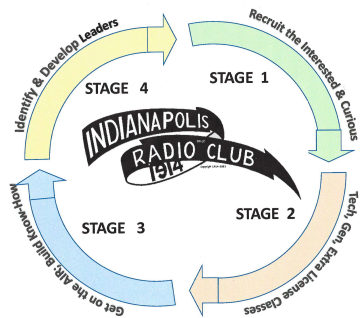


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Details of Question Responses in Descending Order of Interest

SCORE 71: QUESTION 5. HOW TO BUILD, TEST AND INSTALL A WIRE HF ANTENNA

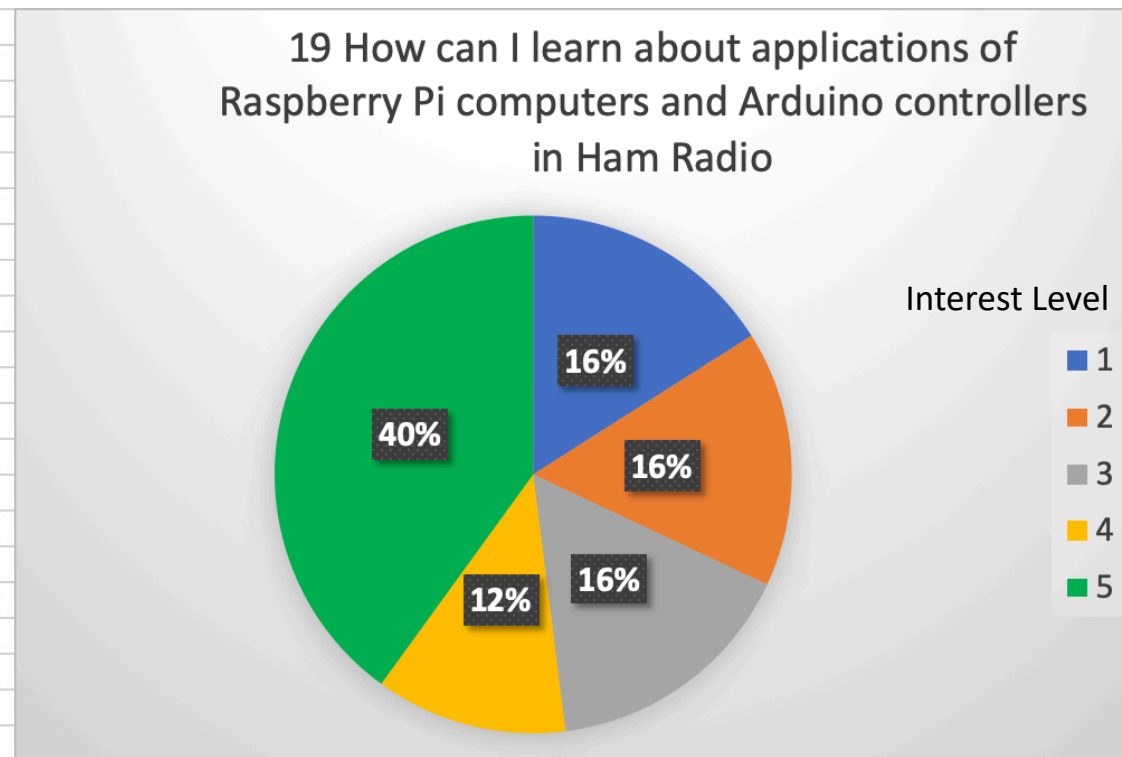
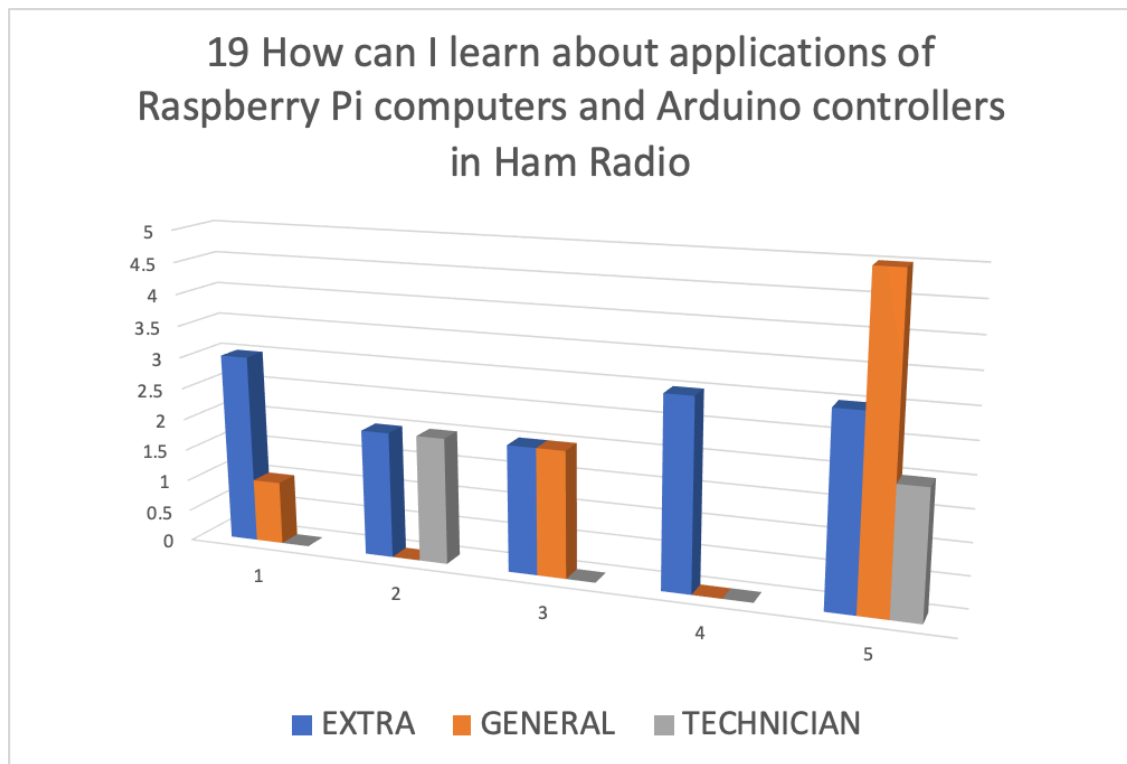


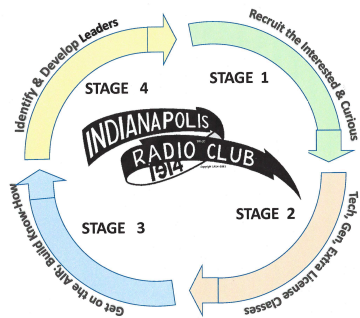


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Details of Question Responses in Descending Order of Interest

SCORE 68: QUESTION 19. HOW CAN I LEARN ABOUT APPLICATIONS OF RASPBERRY PI COMPUTERS AND ARDUINO CONTROLLERS IN HAM RADIO

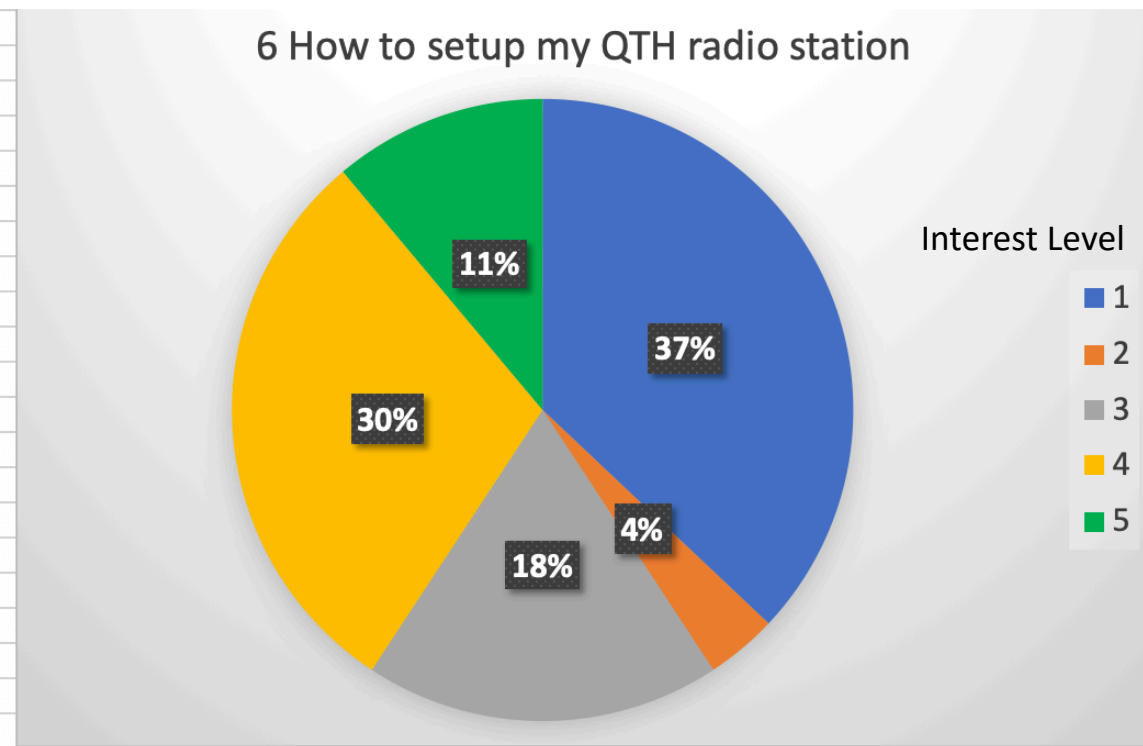
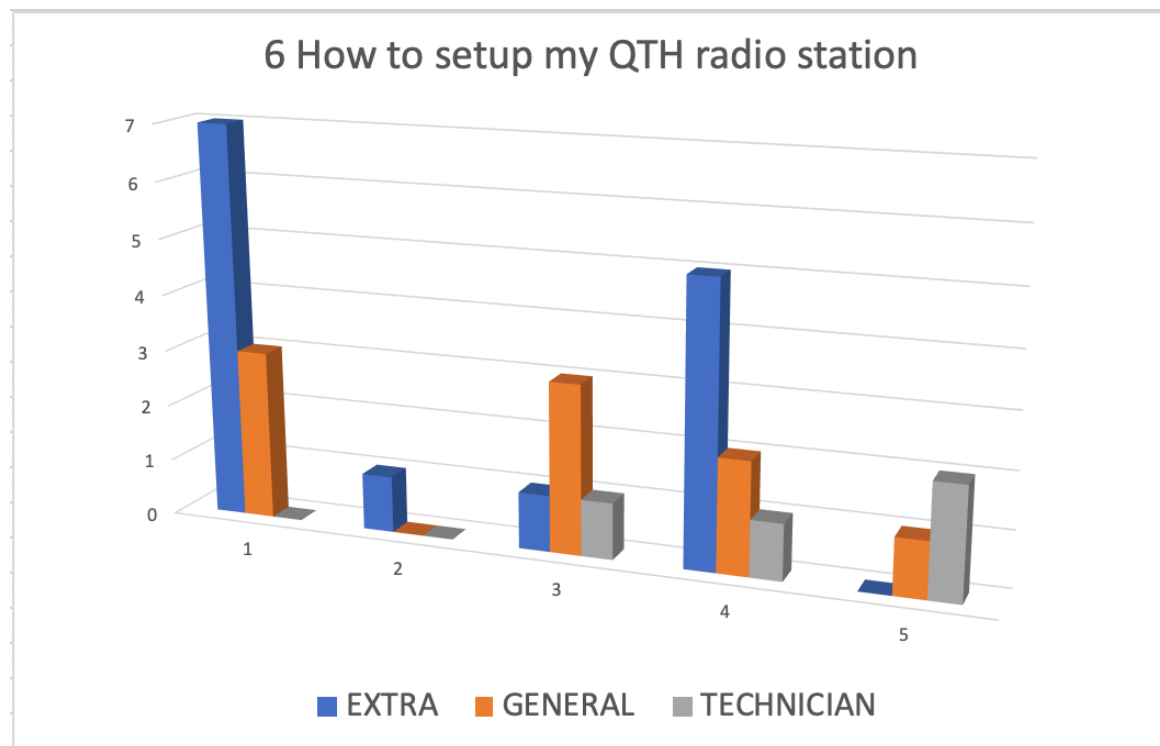


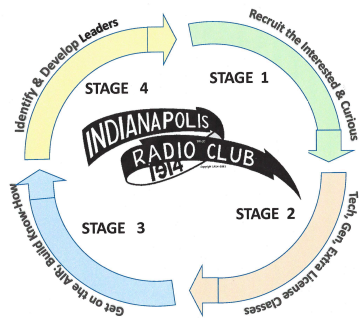


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Details of Question Responses in Descending Order of Interest

SCORE 60: QUESTION 6. HOW TO SETUP MY QTH RADIO STATION

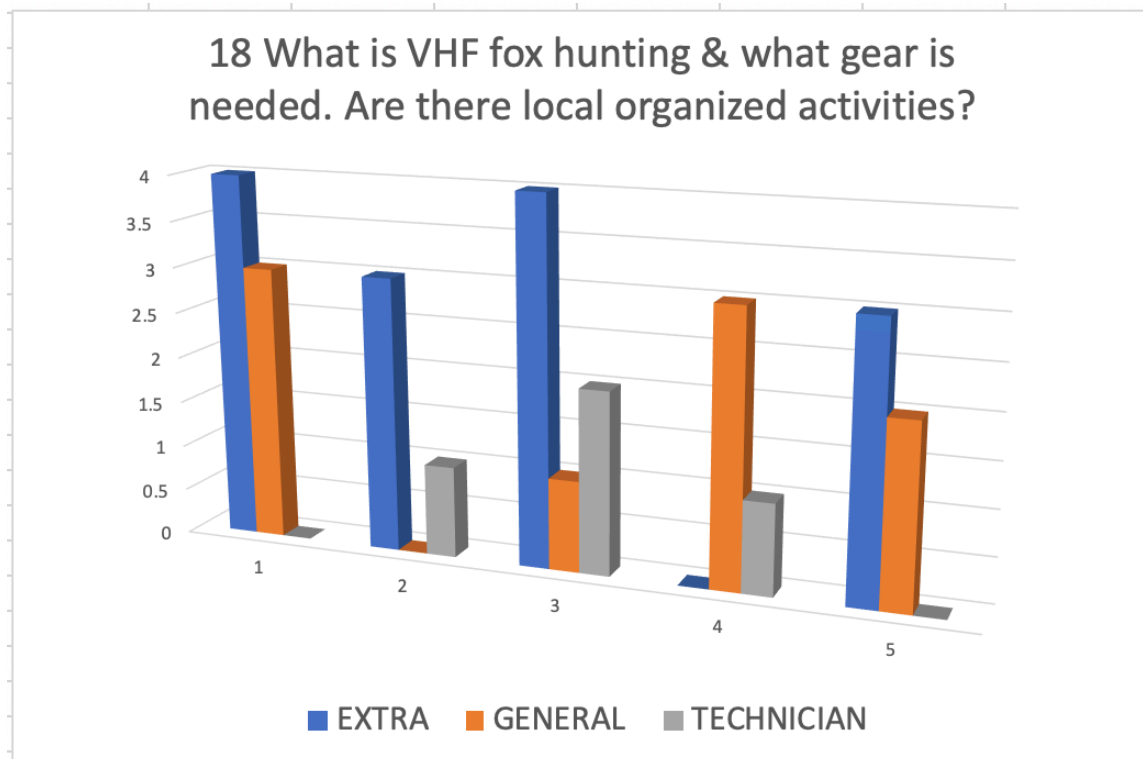


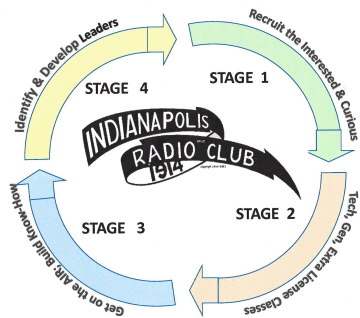


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Details of Question Responses in Descending Order of Interest

SCORE 60: QUESTION 18. WHAT IS VHF FOX HUNTING & WHAT GEAR IS NEEDED. ARE THERE LOCAL ORGANIZED ACTIVITIES

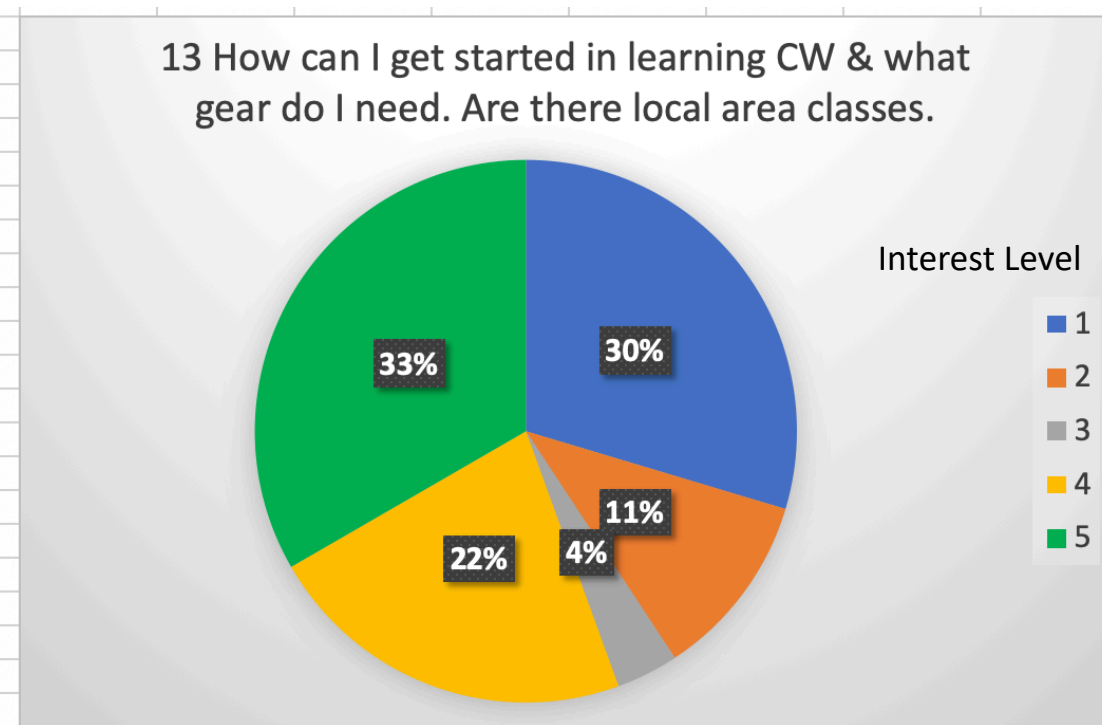
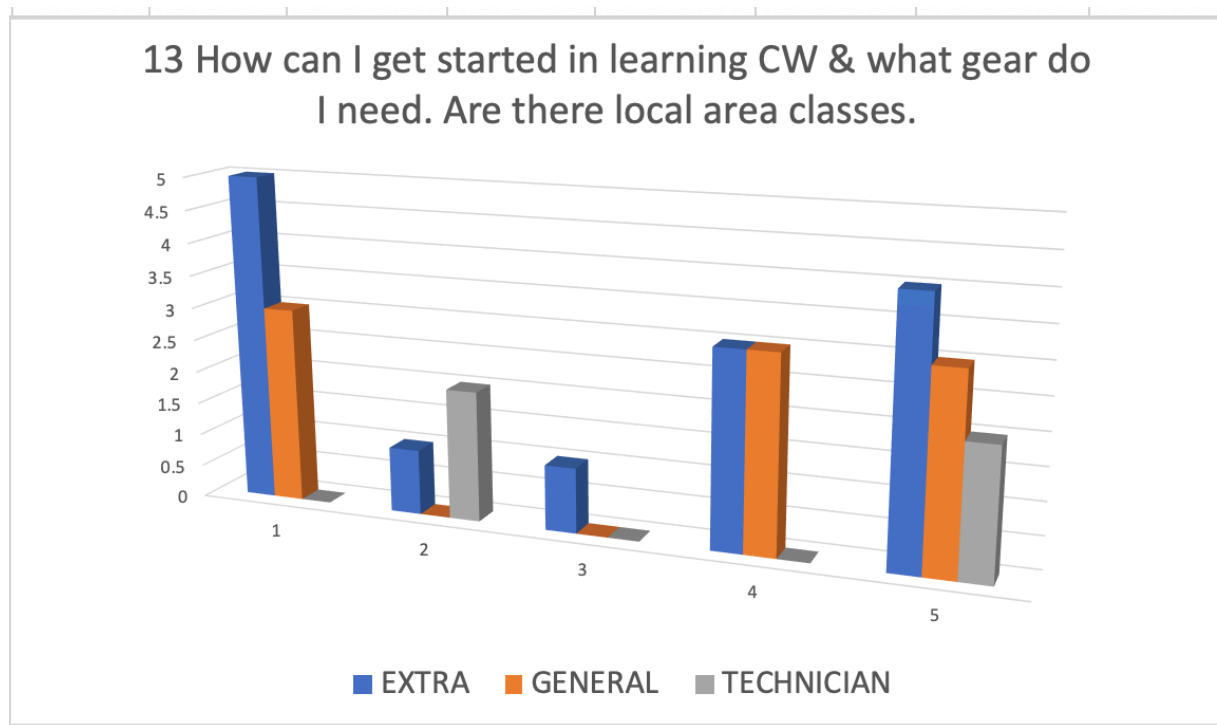


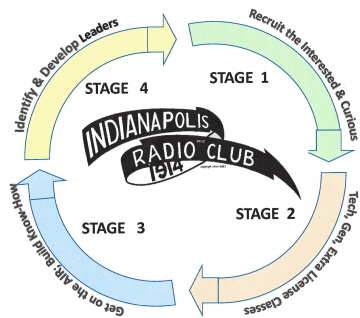


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Details of Question Responses in Descending Order of Interest

SCORE 59: QUESTION 13: HOW CAN I GET STARTED IN LEARNING CW & WHAT GEAR DO I NEED. ARE THERE LOCAL AREA CLASSES.



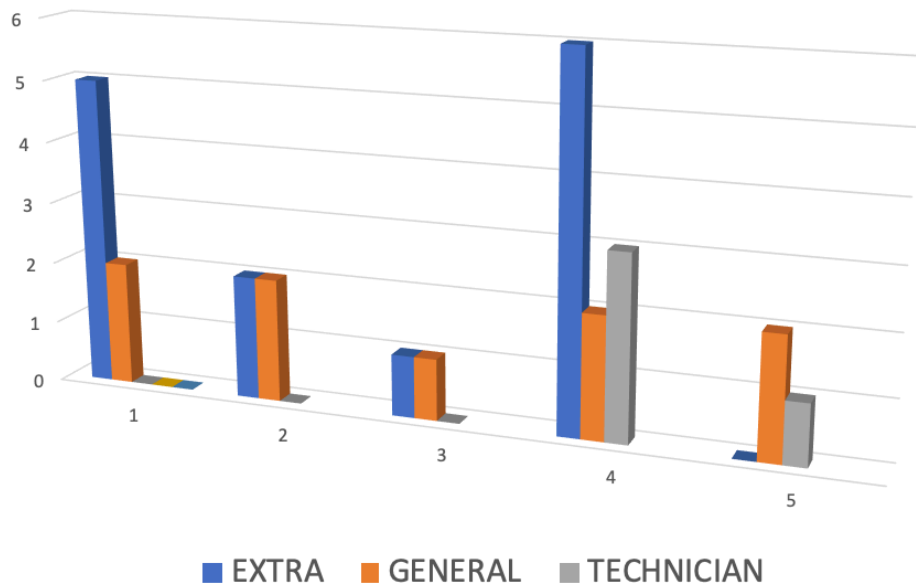


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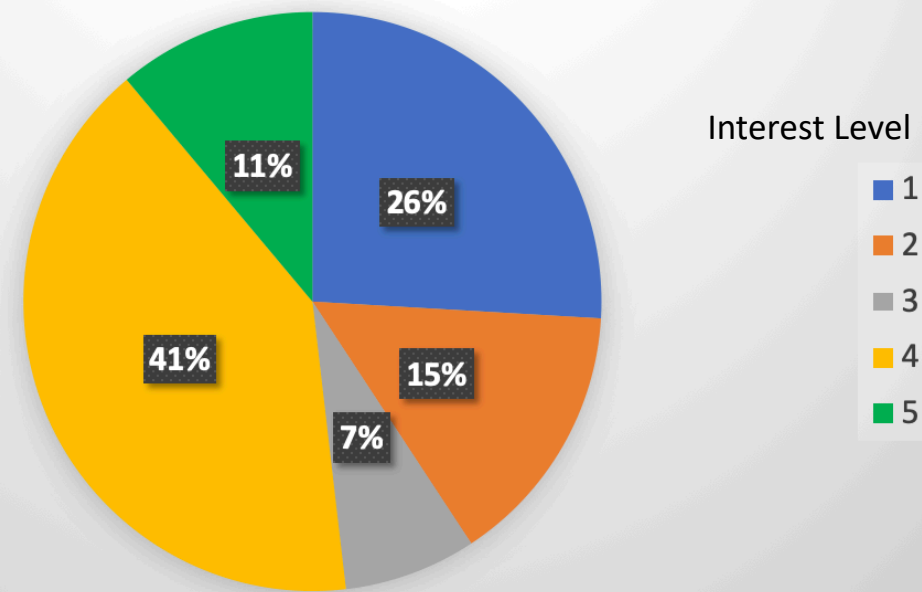
Details of Question Responses in Descending Order of Interest

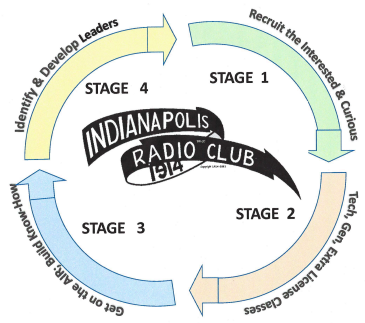
SCORE 59: QUESTION 17. WHAT GEAR DO I NEED TO GO PORTABLE OPERATION AT LOCAL PARKS OR HISTORICAL SITES

17 What gear do I need to go portable operation at local parks or historical sites



17 What gear do I need to go portable operation at local parks or historical sites



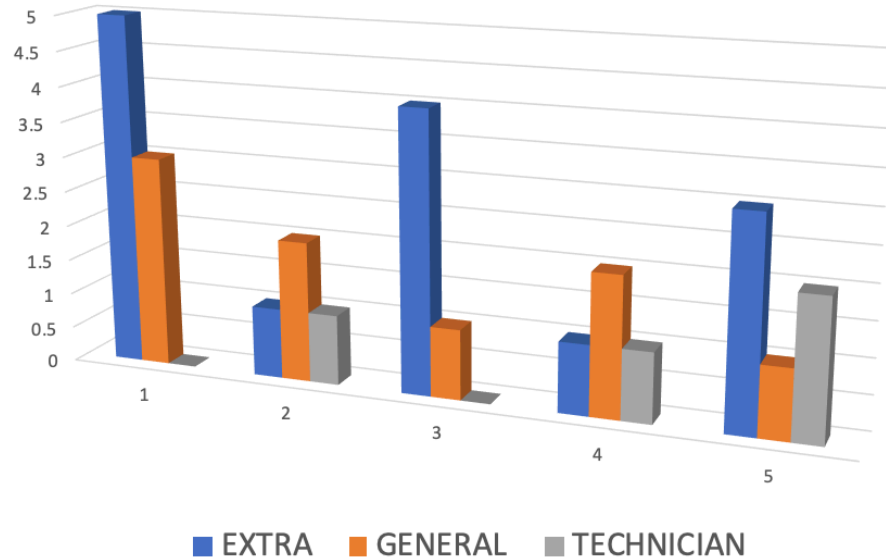


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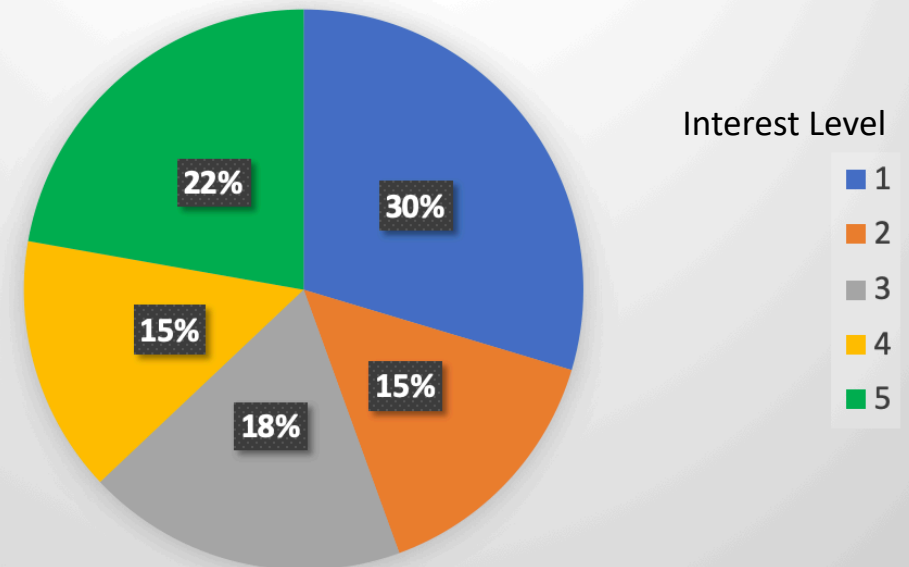
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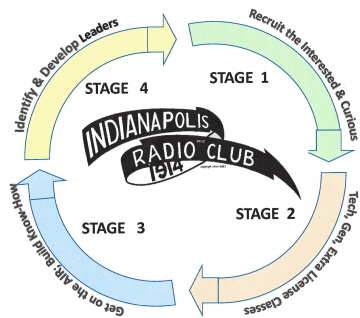
SCORE 56: QUESTION 14. HOW CAN I LEARN OPERATING SKILLS TO CHASE DX AND DO CONTESTING

14 How can I learn operating skills to chase DX and do contesting



14 How can I learn operating skills to chase DX and do contesting



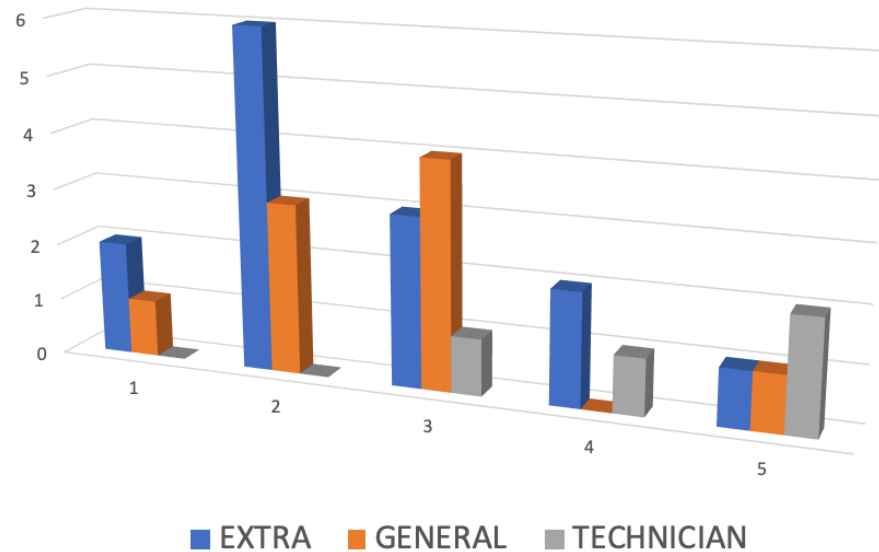


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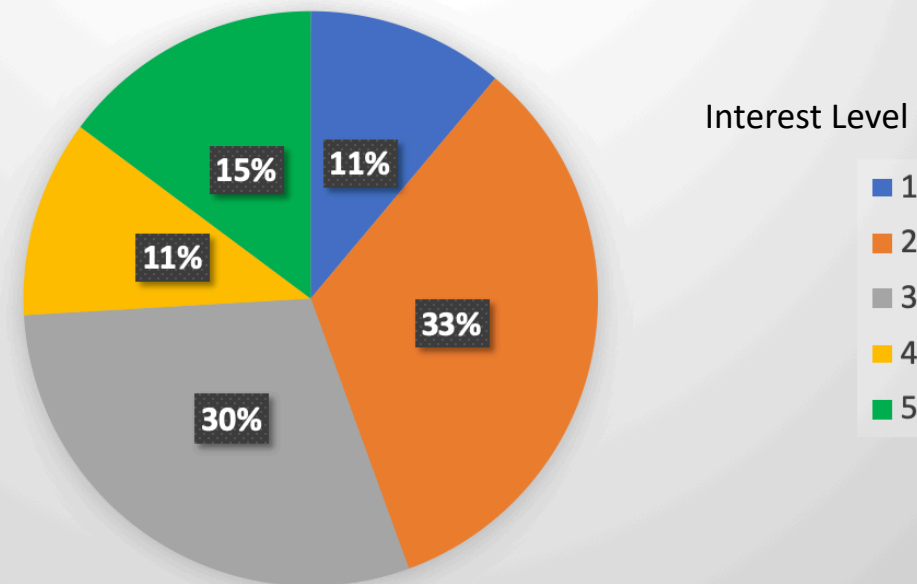
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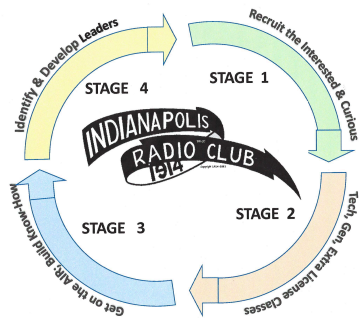
SCORE 56: QUESTION 15. HOW DO I GET STARTED IN AMATEUR SATELLITE OPERATION

15 How do I get started in amateur satellite operation



15 How do I get started in amateur satellite operation



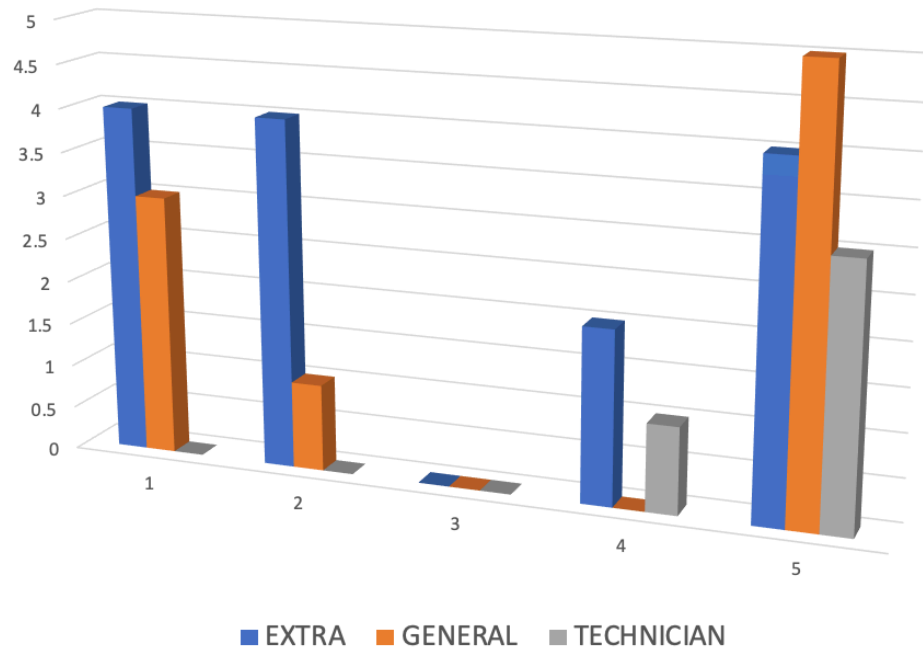


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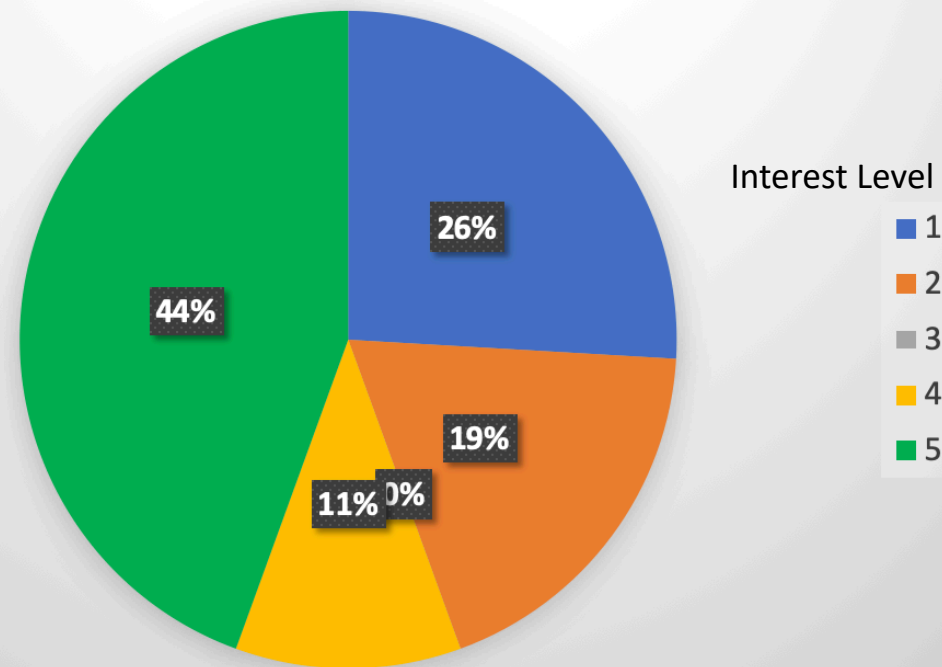
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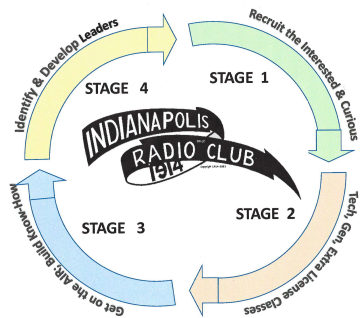
SCORE 55: Question 4. HOW TO DECIDE ON MY 1ST HF ANTENNA

4 How to decide on my 1st HF antenna



4 How to decide on my 1st HF antenna by rank



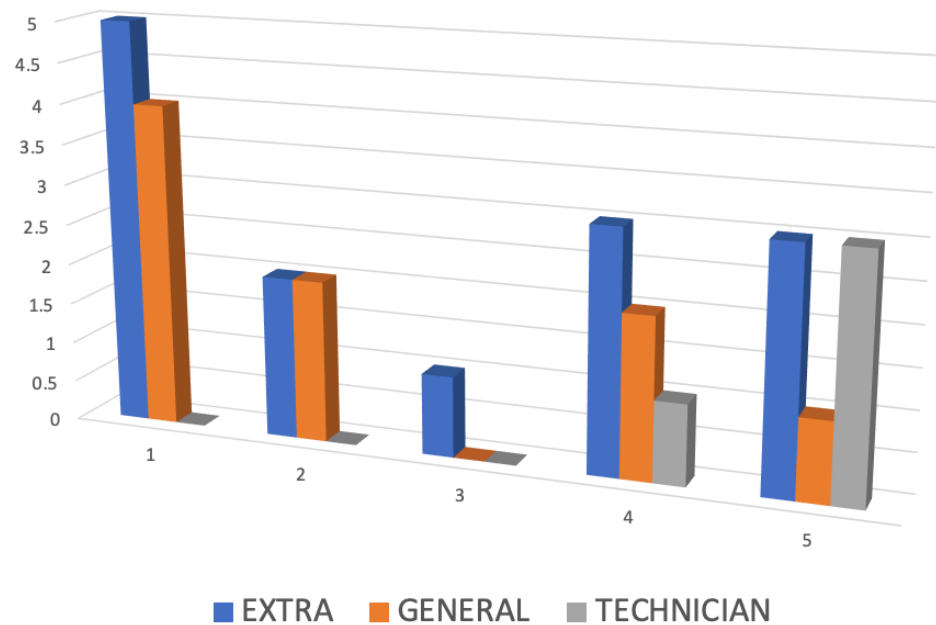


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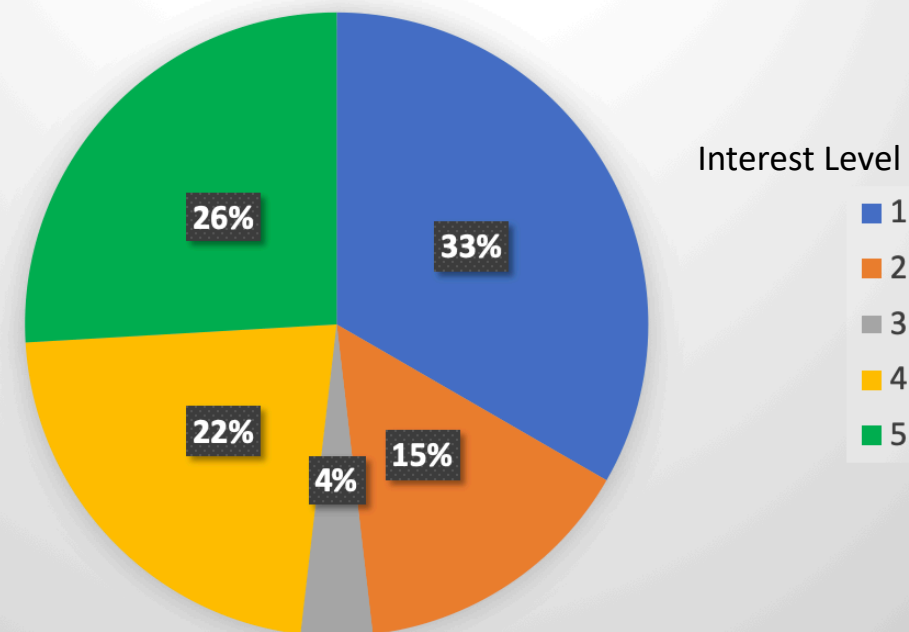
Details of Question Responses in Descending Order of Interest

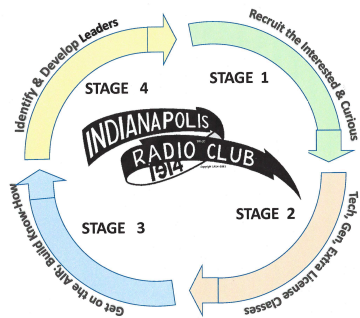
SCORE 52: QUESTION 2. HOW TO PROGRAM MY VHF/UHF HT RADIO

2 How to program my VHF/UHF HT radio



2 How to program my VHF/UHF HT radio

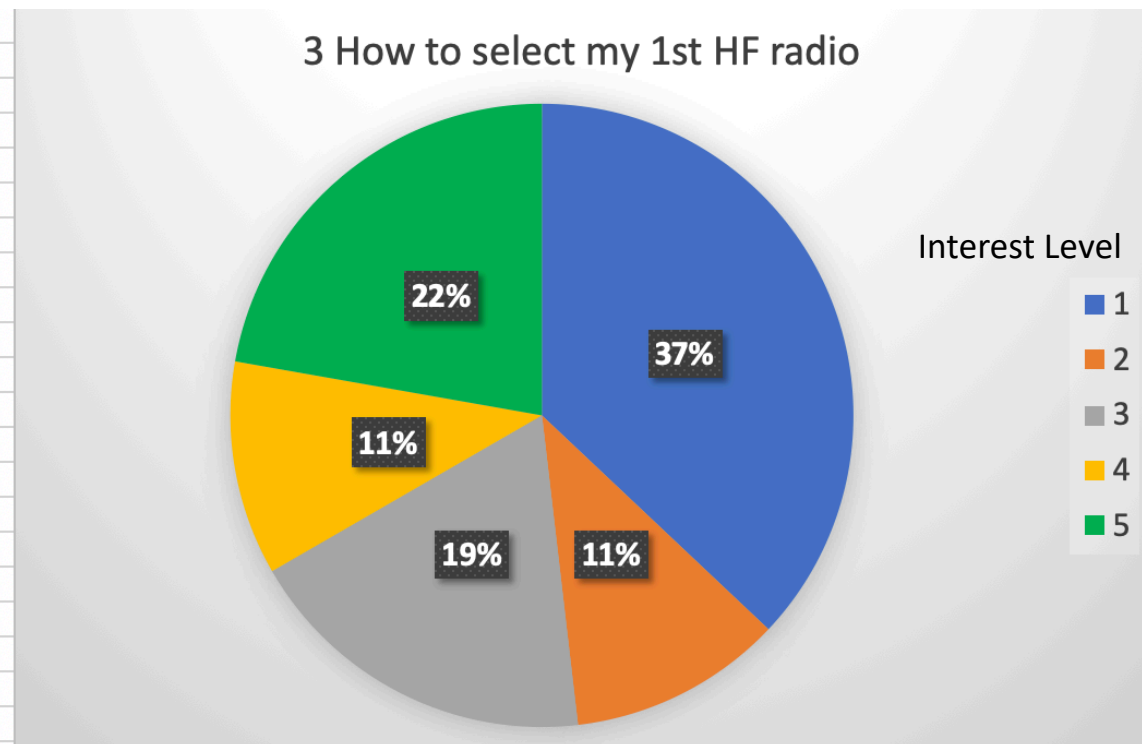
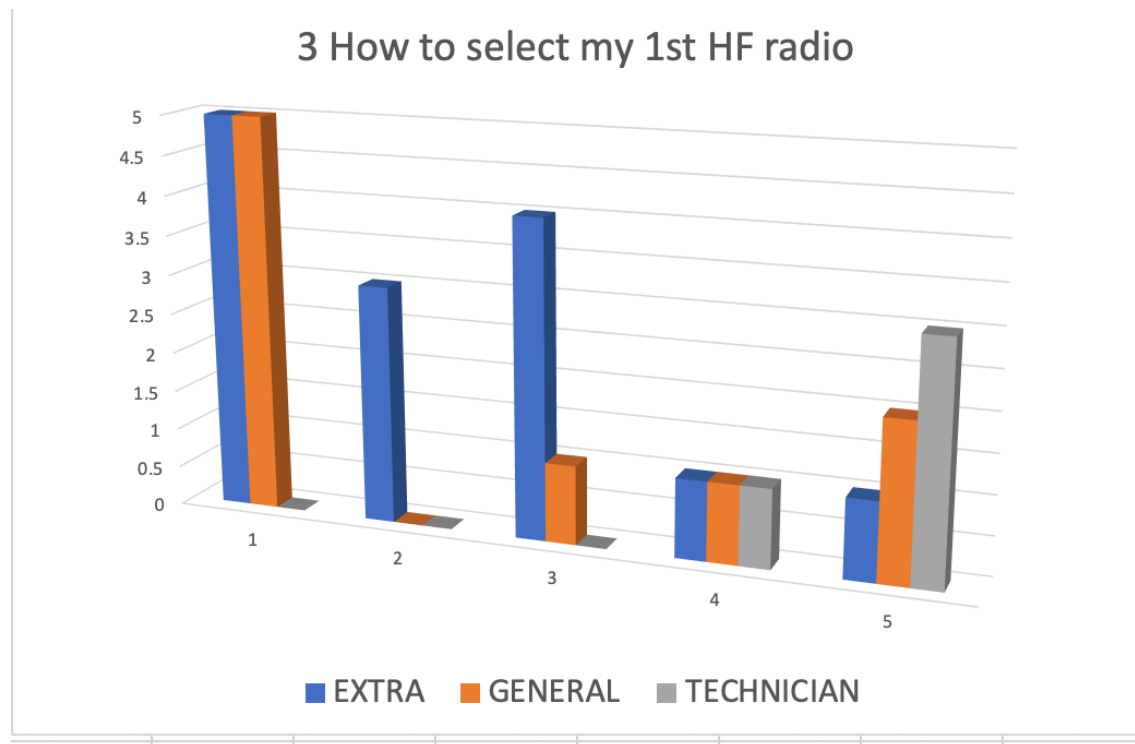


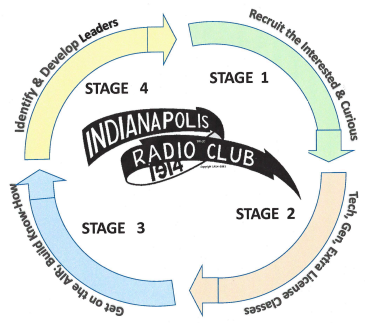


IRC "GET ON THE AIR" SURVEY

Details of Question Responses in Descending Order of Interest

SCORE 52: QUESTION 3. HOW TO SELECT MY 1ST HF RADIO



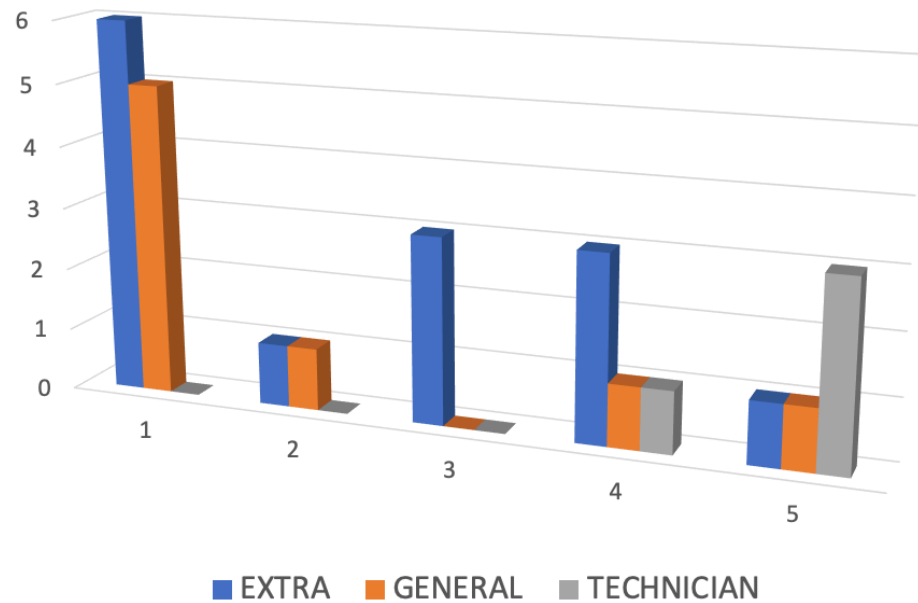


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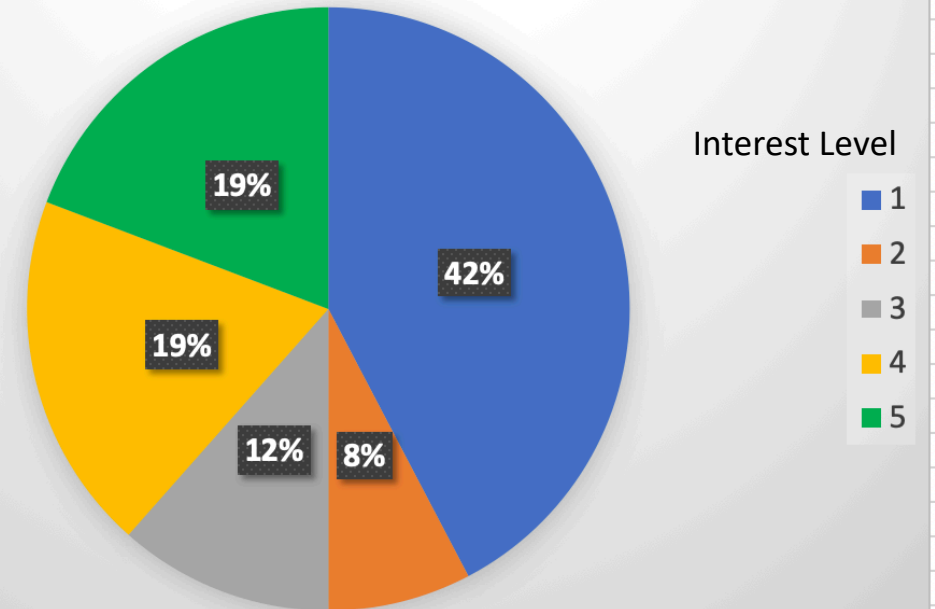
Details of Question Responses in Descending Order of Interest

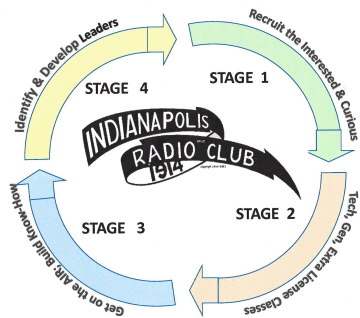
SCORE 50: QUESTION 11. How DO I GET STARTED WITH ECHOLINK

11 How do I get started with EchoLink



11 How do I get started with EchoLink



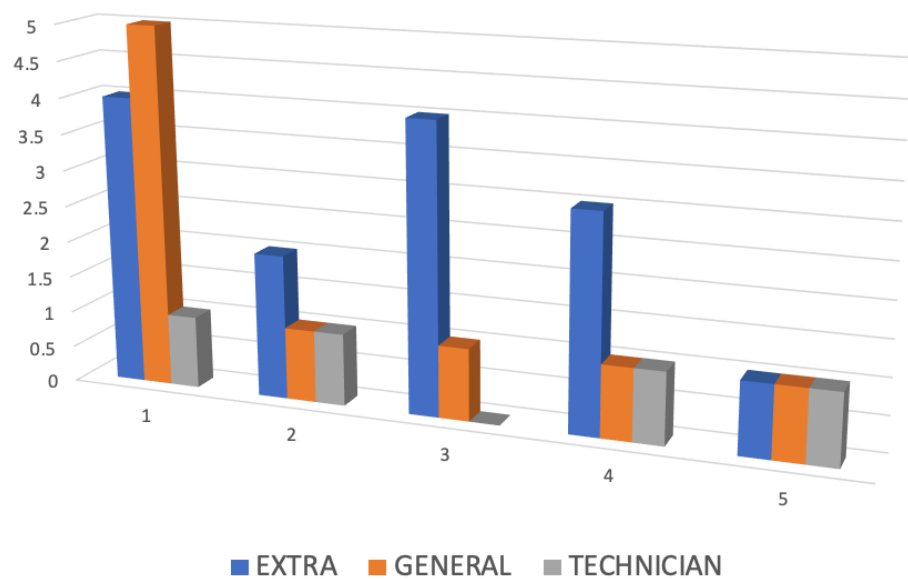


IRC “GET ON THE AIR” SURVEY

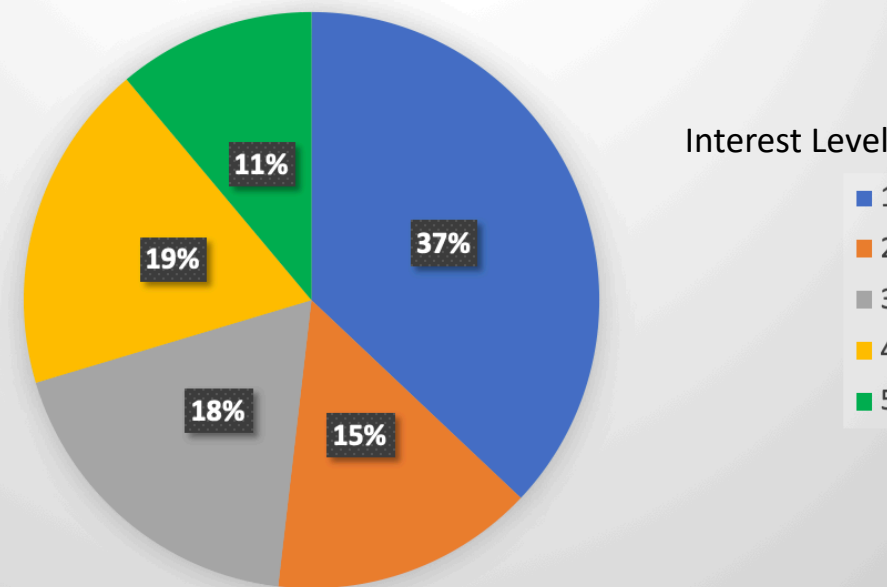
Details of Question Responses in Descending Order of Interest

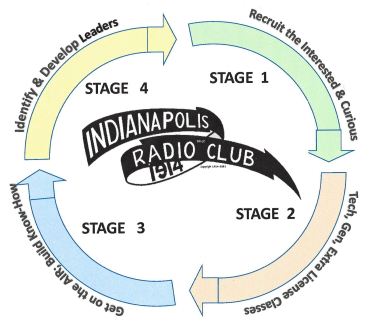
SCORE 49: QUESTION 20. HOW CAN I GET STARTED IN LOW COST KIT BUILDING OF QRP RADIOS AND TEST GEAR

20 How can I get started in low cost kit building of QRP radios and test gear



20 How can I get started in low cost kit building of QRP radios and test gear



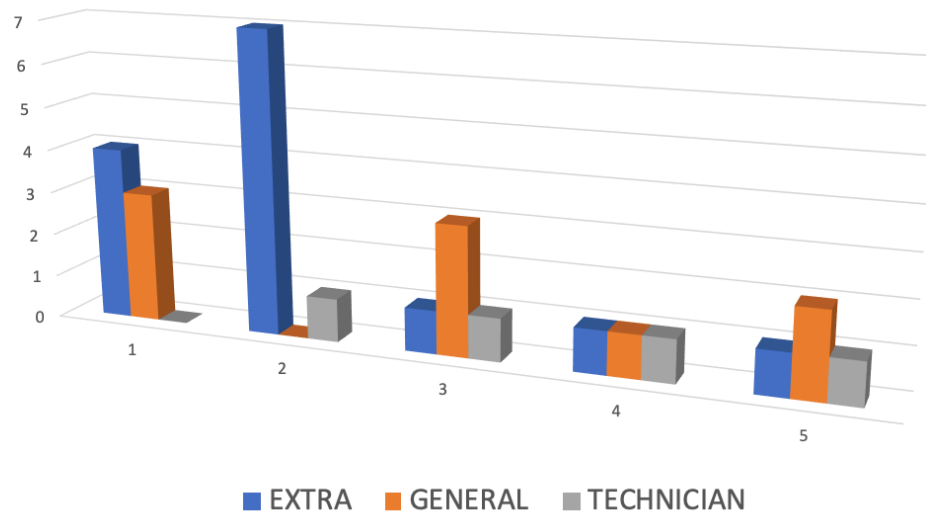


IRC “GET ON THE AIR” SURVEY

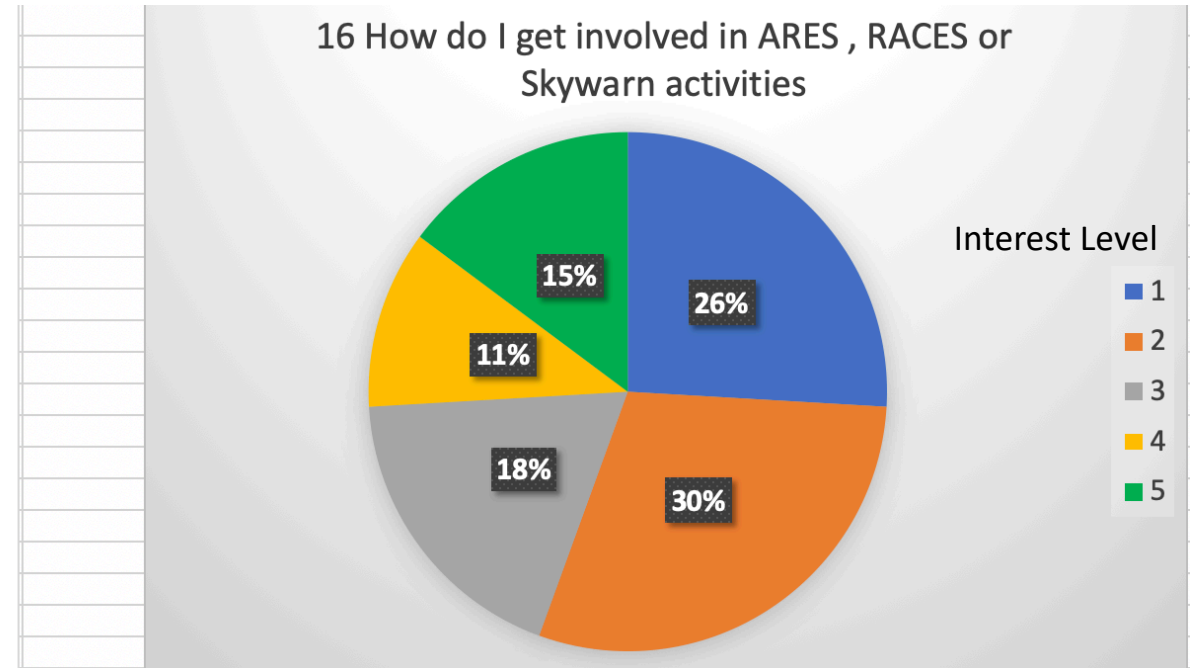
Details of Question Responses in Descending Order of Interest

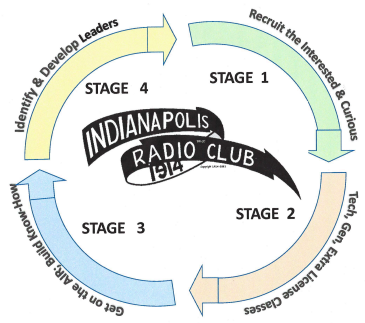
SCORE 45: QUESTION 16. HOW DO I GET INVOLVED IN ARES , RACES OR SKYWARN ACTIVITIES

16 How do I get involved in ARES , RACES or Skywarn activities



16 How do I get involved in ARES , RACES or Skywarn activities

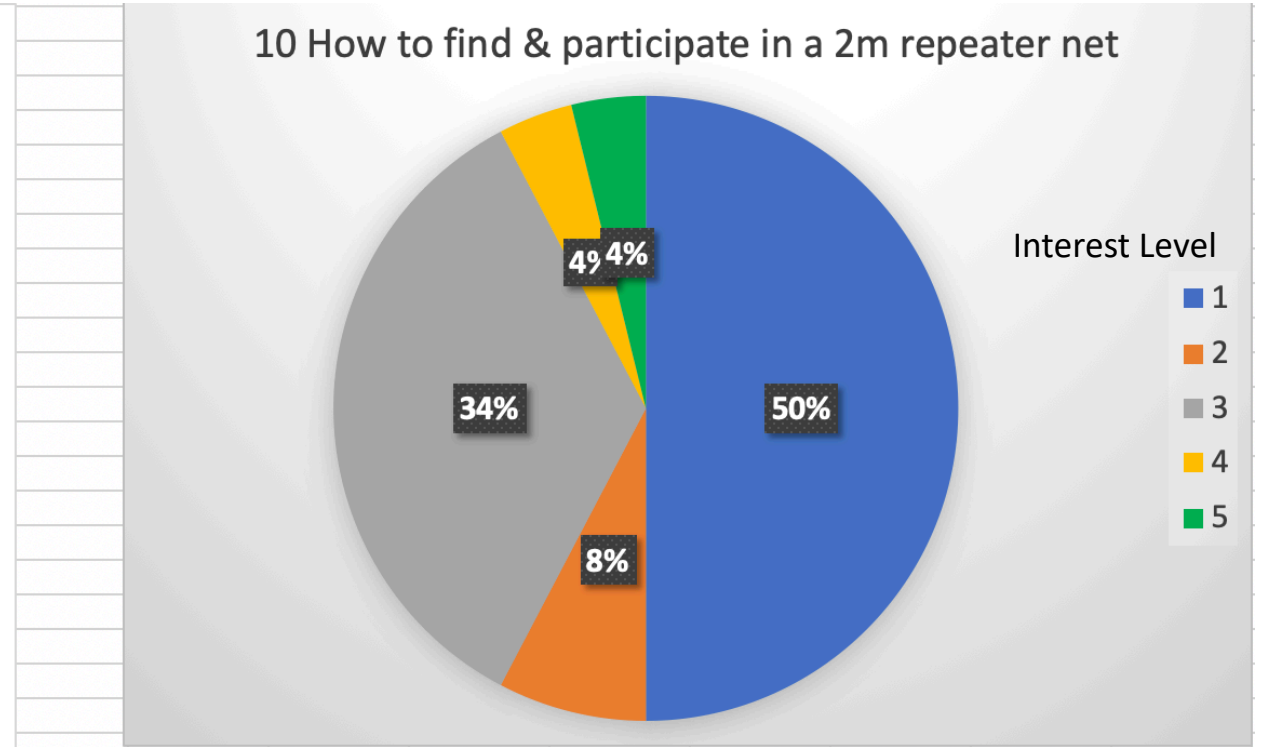
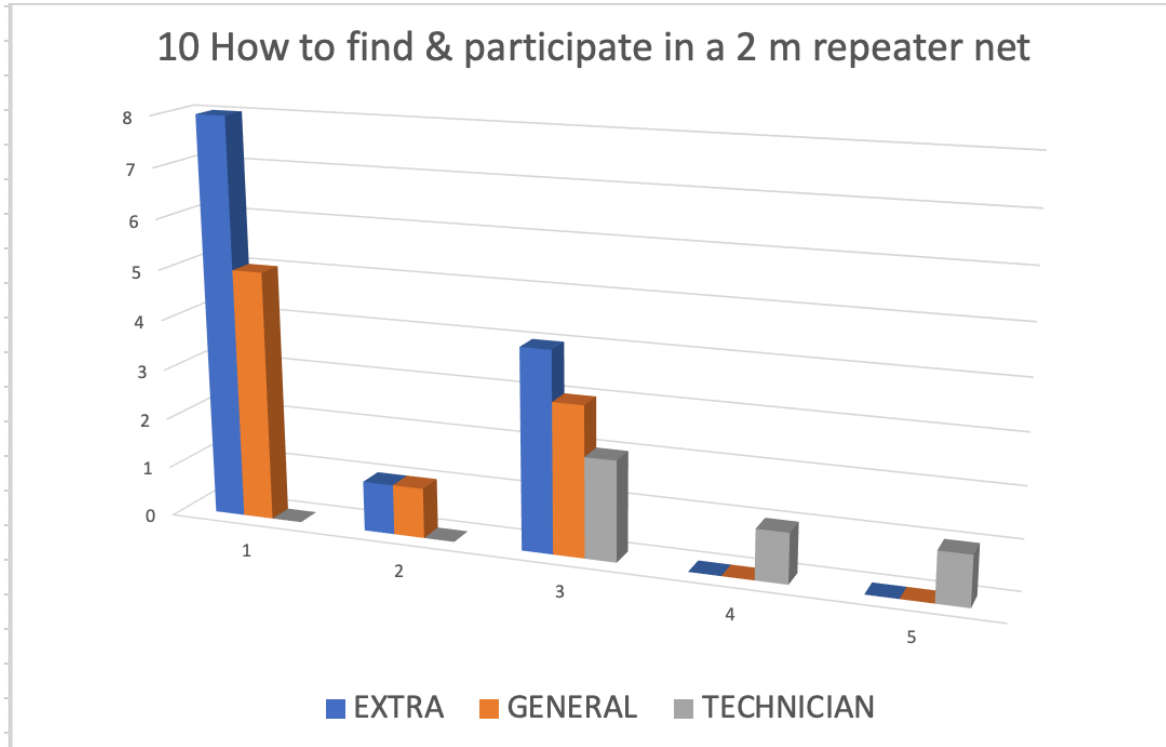


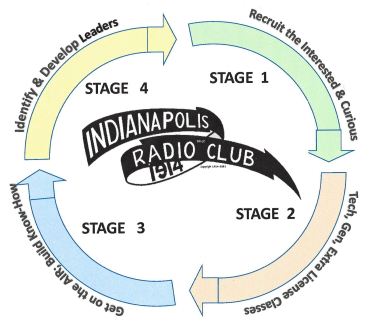


IRC “GET ON THE AIR” SURVEY

Details of Question Responses in Descending Order of Interest

SCORE 43: QUESTION 10. HOW TO FIND & PARTICIPATE IN A 2 M REPEATER NET





IRC "GET ON THE AIR" SURVEY

Details of Question Responses in Descending Order of Interest

SCORE 18: QUESTION 1. HOW TO SELECT MY 1ST VHF/UHF HT RADIO

