

# HAM RADIO

ULTIMATE USER GUIDE 2016



TRAVIS SMITH

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# **Travis Smith**

PUBLISHED BY: Travis Smith

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# Introduction

**I want to thank you and congratulate you for downloading this book!**

**Everything you need to know about ham radios is in this book.**



**Travis Smith**







## *Fact #1: The Operators*

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Ham radio or amateur radio is popular among many people, no matter what age group, gender, social status, nationalities, or income levels they may belong to. You will find them even in your own neighborhood. These people are actually referred to as “hams”. They set up certain stations and use radios in order to communicate with other individuals who are also into this kind of social activity. These stations may either be at their own homes, their offices, or even any other place as long as they can receive radio frequency signals.

## Fact #2: The License

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FCC FORM 660  
DEC. 1970

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D. C. 20554  
AMATEUR RADIO LICENSE

Not Transferable

OPERATOR PRIVILEGES:  
GENERAL  
CALL SIGN: WB4YAS  
EFFECTIVE DATE: 09-05-72 EXPIRATION DATE: 09-05-77

JOE M CONELY  
2901 OBERLIN RD  
RALEIGH N C 27806


STATION LOCATION: SAME AS ABOVE

REMOTE CONTROL LOCATION: NONE

*Joe M. Conely*  
(Licensee's Countersignature)

THIS LICENSE IS SUBJECT TO CONDITIONS of GRANT:

SECRETARY



If you are interested in becoming a “ham”, you will need to get a license. The FCC will be the authoritative body to provide you with the license that you need. They will also be the one to govern the licensing procedure as well as the licensing examinations. Such examinations will allow them to evaluate how deep your understanding is with regards to the ham radio and also the FCC regulations that are associated with its usage.

## Fact #3: Main Purpose

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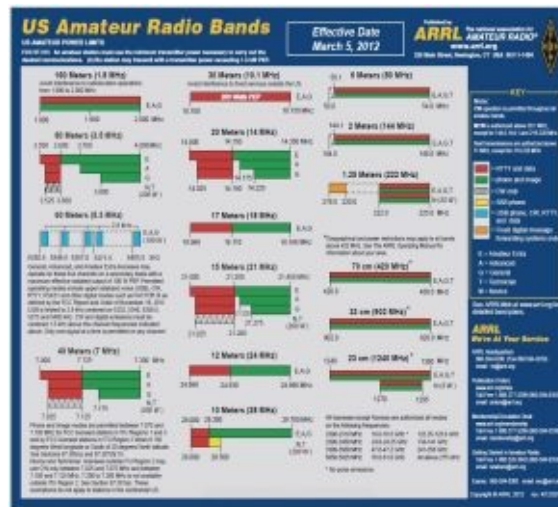


The ham radio can be used by the experts in case regular modes of communication fail in times of disaster or tragedy. Aside from that, it is also used by individuals to meet other

people. You can do both of these things even though you are in an area that cannot be reached by cellphone networks or Internet service providers, such as at the top of the mountain or even while driving. The ham radio is also popular among truck drivers.



# Fact #4: Amateur Radio Bands



There is a specific radio band for the ham or amateur radio. 26 bands are allocated to the hams at this present day. Different bands are also allocated to other industries. There are bands for government communications, radio broadcasting, military operations, aircraft and ships communications, and even space and satellite communications.

# Fact #5: Modes of Communication



The hams or operators do not solely utilize radio or voice when they communicate with other hams. There are other modes of communication that they can use. Even up to now, there are still a great number of operators who use Morse Code. PSK, Packet, and Radio Teletype or Ritty are also common. Sending pictures is also possible through a television.





## *Fact #6: Starting Up*

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In order to start immersing yourself in this kind of social activity, you can read basic study materials. You can also attend classes that local ham clubs may offer in your area.

Afterwards, you need to get your license from the authoritative body by making sure that you will be pass the licensing exam. The exam also cost a certain amount so you should be prepared with your budget.

## *Fact #7: The Equipment Cost*

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You can start small when buying your own ham radio equipment. You can search for used items on the Internet. You may also be able to find used ham radios in flea markets which are usually organized by ham radio clubs. This way, you can find cheap yet quality radios.

## *Fact #8: Origin of “Ham”*

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In the past, only professionals were the only ones who can send telegraphs. In the long run, they were tasked to handle radio communications. In the field of telegraphy, the term “ham” is a derogatory word that is used to coin a poor operator. Since amateur radio signals frequently interfere commercial and professional signals, these amateur operators were called “hams”. Nowadays, the term “ham” is something that one can be proud of.

## *Fact #9: The “Elmer”*

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Aside from the word “ham”, there is also another term that is popular in this field. This is the term “Elmer”. An “Elmer” is a mentor of “hams”. In layman’s term, he is one who teaches those who are still new to the field with the things that they should know with regards to ham radio communications. In most cases, an “Elmer” is an experienced “ham” who has been using amateur radios for a lot of years now. You might want to look for an “Elmer” in your area who will also be able to teach you about a couple of tips and tricks regarding this social activity.





## Conclusion

Thank you again for downloading this book! I hope you learned a lot!



Finally, if you enjoyed this book, then I'd like to ask you for a favor, would you be kind enough to leave a review for this book on Amazon? It'd be greatly appreciated!

Thank you and good luck







