# Home School Ham Radio Week 8

## Which of the following is a purpose of the Amateur Radio Service as stated in the FCC rules and regulations?

- Providing personal radio communications for as many citizens
- Providing communications for international non-profit organizations
- Advancing skills in the technical and communication phases of the radio art
- All of these choices are correct

## Which agency regulates and enforces the rules for the Amateur Radio Service in the United States?

- A FEMA
- B Homeland Security
- The FCC
- All of these choices are correct

### World







### Government

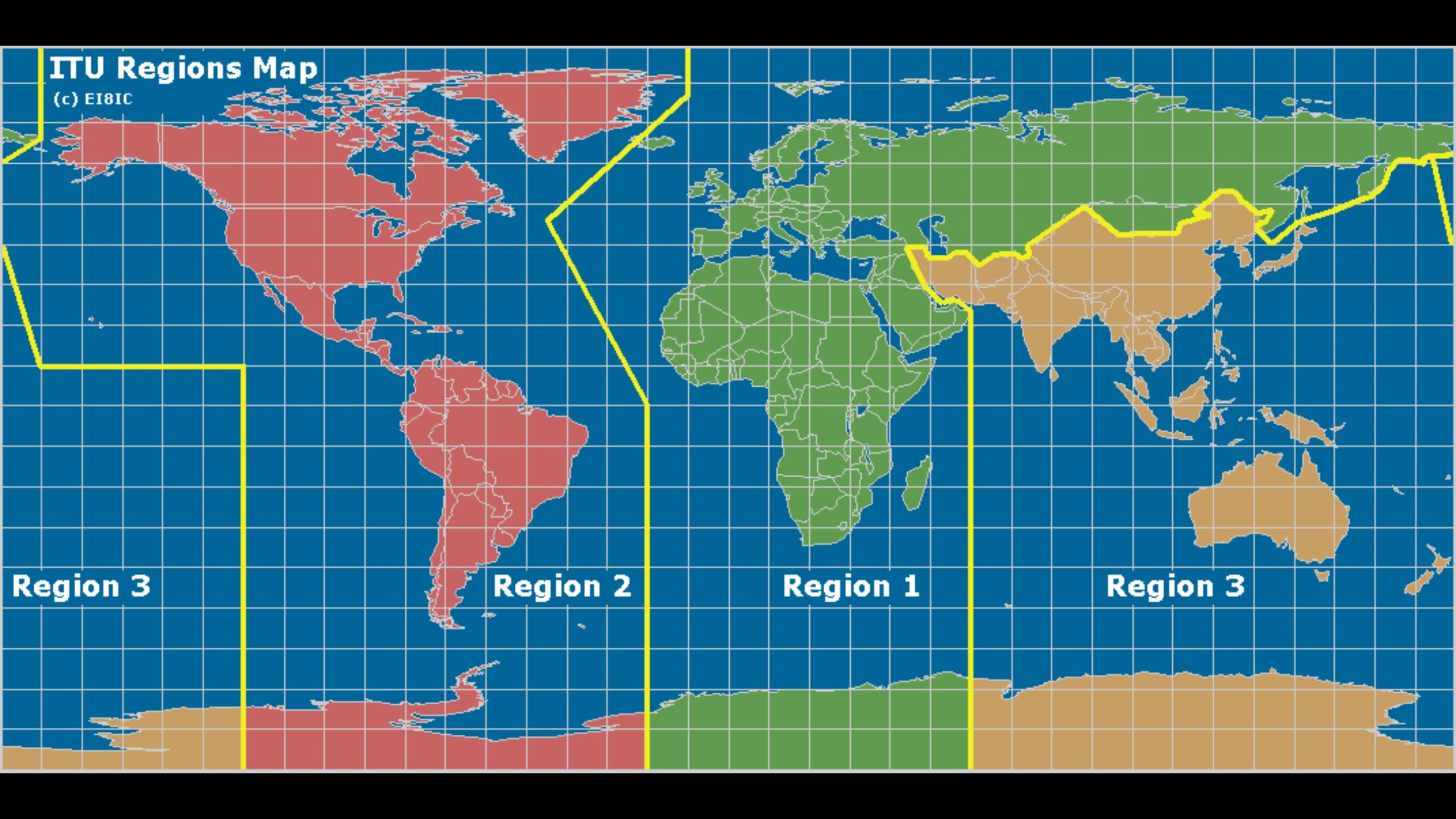




### Civilian







## With which countries are FCC-licensed amateur radio stations prohibited from exchanging communications?

- Any country whose administration has notified the International Telecommunications Union (ITU) that it objects to such communications
- Any country whose administration has notified the American Radio Relay League (ARRL) that it objects to such communications
- C Any country engaged in hostilities with another country
- Any country in violation of the War Powers Act of 1934

## What is proof of possession of an FCC-issued operator/primary license grant?

- A printed operator/primary station license issued by the FCC must be displayed at the transmitter site
- The control operator must have an operator/primary station license in his or her possession when in control of a transmitter
- The control operator's operator/primary station license must appear in the FCC ULS consolidated licensee database
- All of these choices are correct

### US Prefixes: K, N, W

General

Technician

2x3 ex: KE8IKS

1x3 ex: W8WJB

Extra

1x2 ex: W1AW

2x1 ex: NA8M

## Under which of the following circumstances may an amateur radio station make one-way transmissions?

- Under no circumstances
- When transmitting code practice, information bulletins, or transmissions necessary to provide emergency communications
- At any time, as long as no music is transmitted
- At any time, as long as the material being transmitted did not originate from a commercial broadcast station

## When is it permissible to transmit messages encoded to hide their meaning?

- Only during contests
- Only when operating mobile
- Only when transmitting control commands to space stations or radio control craft
- Only when frequencies above 1280 MHz are used

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## Under what conditions is an amateur station authorized to transmit music using a phone emission?

- When incidental to an authorized retransmission of manned spacecraft communications
- B When the music produces no spurious emissions
- When the purpose is to interfere with an illegal transmission
- When the music is transmitted above 1280 MHz

# When may amateur radio operators use their stations to notify other amateurs of the availability of equipment for sale or trade?

- When the equipment is normally used in an amateur station and such activity is not conducted on a regular basis
- B When the asking price is \$100.00 or less
- When the asking price is less than its appraised value
- When the equipment is not the personal property of either the station licensee or the control operator or their close relatives

  T1D05

## What, if any, are the restrictions concerning transmission of language that may be considered indecent or obscene?

- The FCC maintains a list of words that are not permitted to be used on amateur frequencies
- B Any such language is prohibited
- The ITU maintains a list of words that are not permitted to be used on amateur frequencies
- There is no such prohibition

### What is an amateur station control point?

- The location of the station's transmitting antenna
- B The location of the station transmitting apparatus
- The location at which the control operator function is performed
- The mailing address of the station licensee

Who does the FCC presume to be the control operator of an amateur station, unless documentation to the contrary is in the station records?

- The station custodian
- B The third-party participant
- The person operating the station equipment
- The station licensee

## What determines the transmitting privileges of an amateur station?

- The frequency authorized by the frequency coordinator
- B The frequencies printed on the license grant
- The highest class of operator license held by anyone on the premises
- The class of operator license held by the control operator

### **US Amateur Radio Bands**

modes such as PACTOR III. Only one signal at a

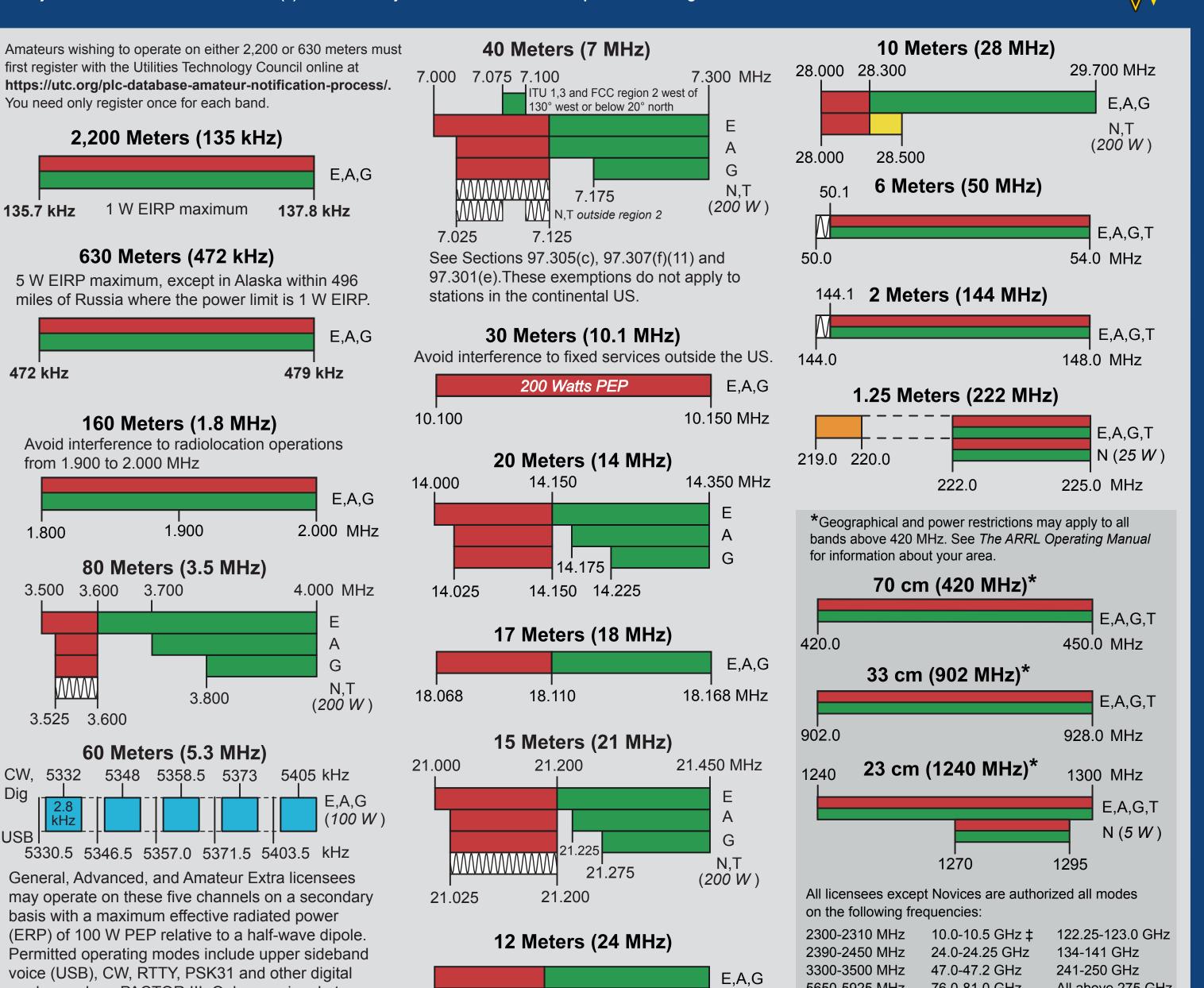
time is permitted on any channel.

US AMATEUR POWER LIMITS — FCC 97.313 An amateur station must use the minimum transmitter power necessary to carry out the desired communications. (b) No station may transmit with a transmitter power exceeding 1.5 kW PEP.

24.890

24.930



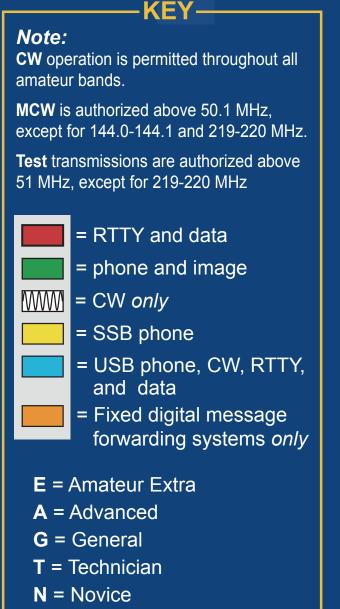


5650-5925 MHz 76.0-81.0 GHz

‡ No pulse emissions

24.990 MHz

All above 275 GHz



See ARRLWeb at www.arrl.org for detailed band plans.

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## On which HF bands does a Technician class operator have phone privileges?

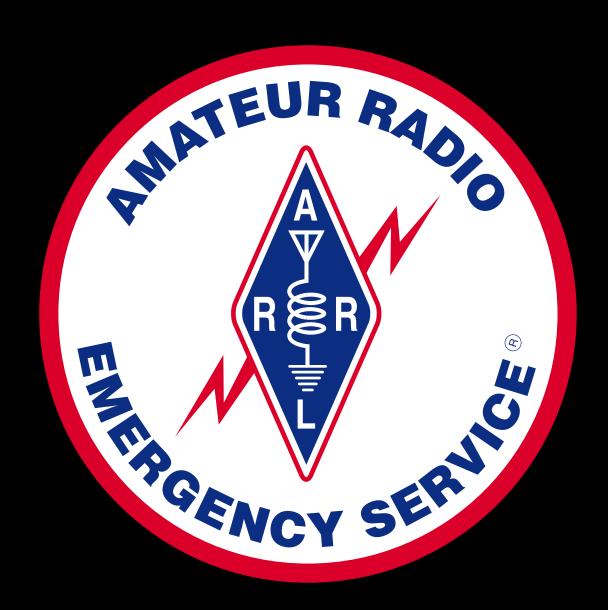
- A None
- B 10 meter band only
- 80 meter, 40 meter, 15 meter and 10 meter bands
- 30 meter band only

### Emergency Services



#### Radio Amateur Civil Emergency Service

- Government
- Newaygo Emergency Services
- War Powers Act of 1941
- Special privileges during emergency



#### **Amateur Radio Emergency Service**

- Citizen, run by ARRL & RAC
- Emergency Coordinators
- May participate in any emergency or event

## When do the FCC rules NOT apply to the operation of an amateur station?

- When operating a RACES station
- B When operating under special FEMA rules
- When operating under special ARES rules
- Never, FCC rules always apply