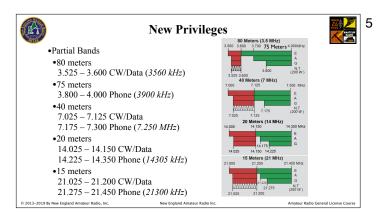
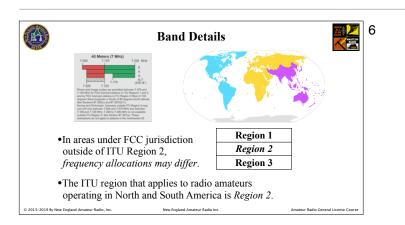
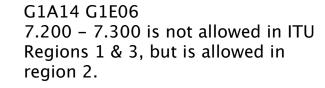


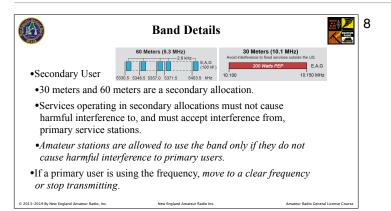
G1A01 G1A10







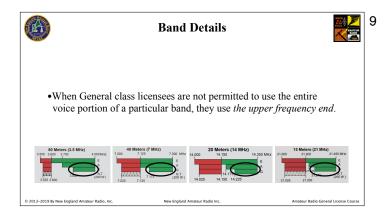
	Band Details			
•60 meters				
•5 specific channels on	USB			
•2.8 kHz maximum ban	dwidth			
5330.5	60 Meters (5.3 MHz) 2.8 kHz 5346.5 5357.0 5371.5 5403.5 kHz			
•30 meters	30 Meters (10			
 No phone or image 	Avoid interference to fixed se 200 Watts P			
•CW and digital only	10.100	10.150 MHz		
•Maximum of 200 watts	s PEP output			
© 2013-2019 By New England Amateur Radio, Inc.	New England Amateur Radio Inc.	Amateur Radio General License Course		

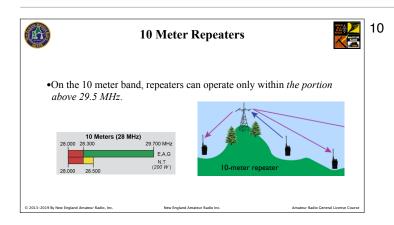


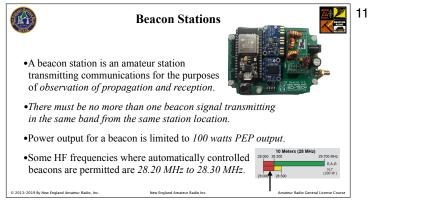
G1A04 G1C03 G1A02 G1C01

G1A12 G1A13

G1A08 G1A06 G1A05 G1A07 G1A09







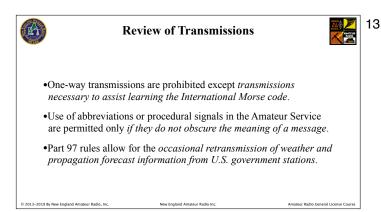
12 E 1 **Antenna Regulations** •The maximum height above ground to which an antenna structure may be erected without requiring notification to the FAA and registration with the FCC, provided it is not at or near a public use airport, is 200 feet. •State and local governments are permitted to regulate Amateur Radio antenna structures such that Amateur Service communications must be reasonably accommodated, and regulations must constitute the minimum practicable regulation to accommodate a legitimate purpose of the state or local entity. 2013-2019 By New England An

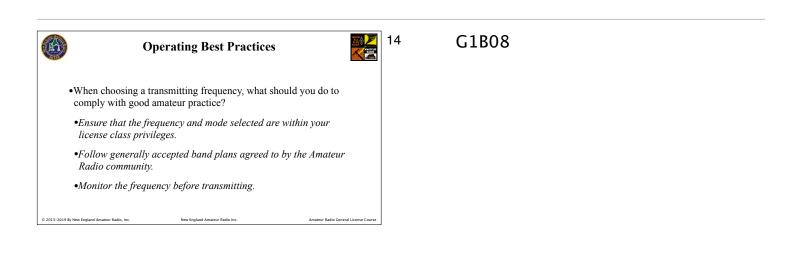
G1A11

G1A15

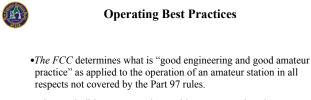
G1B03 G1B02 G1B10 G1B09

G1B01 G1B06



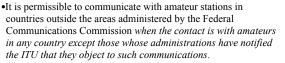


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Transmit Power Limits If 6
 The measurement that is specified by FCC rules that regulate maximum power output is *PEP* (Peak Envelope Power).
 The limitation for transmitter power on every amateur band is that *only the minimum power needed to complete your transmission should be used.* Maximum transmitter power is *1500 watts PEP output.* (Except 30 and 60 meters as well as experimental bands 630 meters and 2,200 meters)

G1C15 G1C04 G1C02 - 12-meter band - 1500 watts PEP G1C05 - 28 MHz band - 1500 watts PEP G1C06 - 1.8 MHz band - 1500 watts PEP

G1B11 G1B12

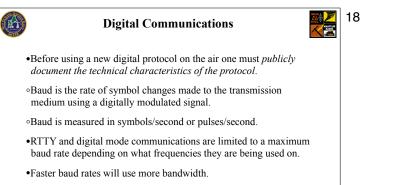
G1B05 G1B07 G1B04



G1C01 G1C14 G1C12 G1C03

- •30 meters is limited to 200 watts PEP output.
- •60 meters is limited to ERP of 100 watts PEP with respect to a dipole.
- •When operating in the 60-meter band, *if you are using an antenna other than a dipole, you must keep a record of the gain of your antenna.*
- •The maximum bandwidth permitted by FCC rules for Amateur Radio stations transmitting on USB frequencies in the 60-meter band is 2.8 kHz.

30 Meters	(10.1 MHz)	60 Meters (5.3 MHz)
Avoid interference to fixe	ed services outside the US.	2.8 kHz 📈
200 Wat	tts PEP E,A,G	E,A,G (100 W)
10.100	10.150 MHz	5330.5 5346.5 5357.0 5371.5 5403.5 kHz
-2019 By New England Amateur Radio Inc	New England A	mateur Radio Inc Amateur Radio Geor



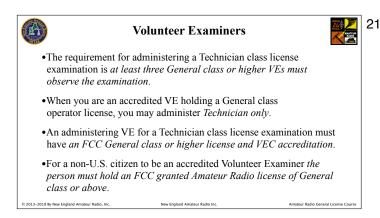
	Digital C		19		
	Band Meters	Frequency MHz	Maximum Rate		
	1.25 & 0.70 meter UHF	220 – 450 MHz	56 kilobaud		
	6 & 2 meter VHF	50 – 148 MHz	19.6 kilobaud		
	10 meter HF	28 – 30 MHz	1200 baud		
	160 – 12 meter HF	1.8 – 28 MHz	300 baud		
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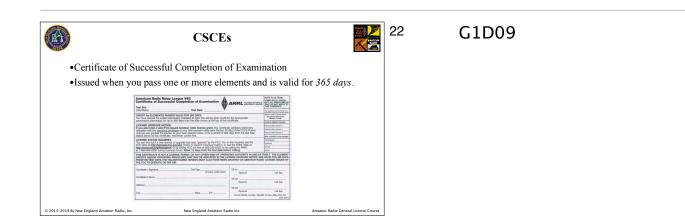
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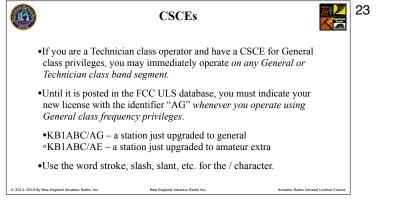
G1C13

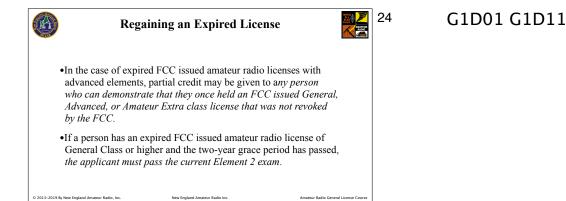
G1C07 G1C08 G1C09 G1C10 G1C11

G1D07 G1D10

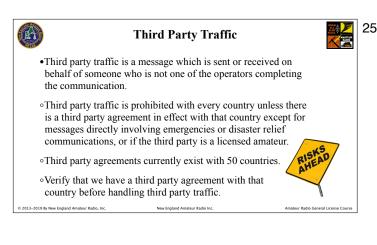








G1D03 G1D06



Third Party Traffic

Which of the following would disqualify a third party from participating in stating a message over an amateur station? *The third party's amateur license has been revoked and not reinstated.*Only messages relating to Amateur Radio or remarks of a personal character, or messages relating to emergencies or disaster relief

• Under no circumstances are messages that are sent via digital modes exempt from Part 97 third party rules that

apply to other modes of communication.

may be sent for a third party.

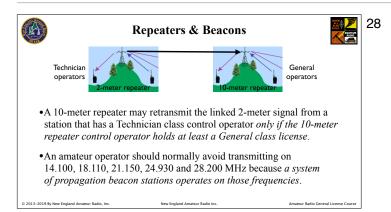
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http://www.arrl.org/third-partyoperating-agreements

G1E01 G1E05 G1E09

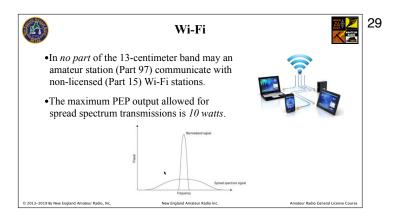
26

- - •When conducting communications with a digital station operating under automatic control outside the automatic control band segments, *the station initiating the contact must be under local or remote control.*



G1E11 G1E03

G1E02 G1E10



G1E07 G1E08

G1E04

