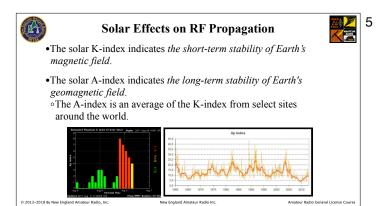
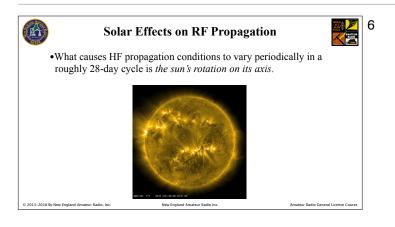
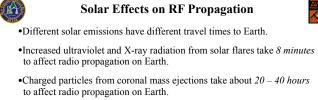


G3A01 G3A04









	Solar-Flux Index	
•The solar-flux inc wavelength.	lex is a measure of solar radiation at 10	.7 centimeters
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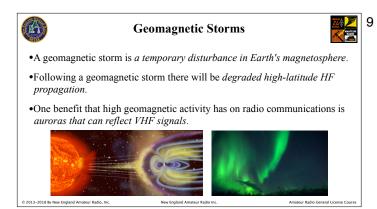
G3A12 G3A13

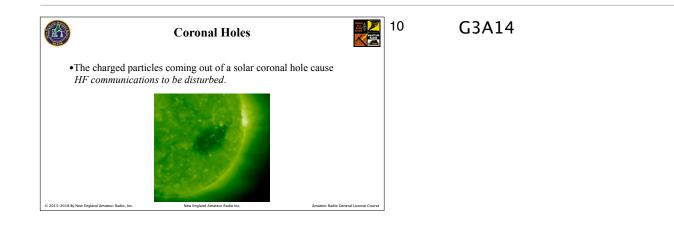
G3A10

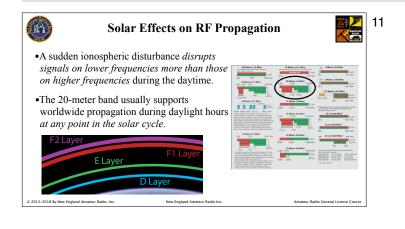
G3A03 G3A11

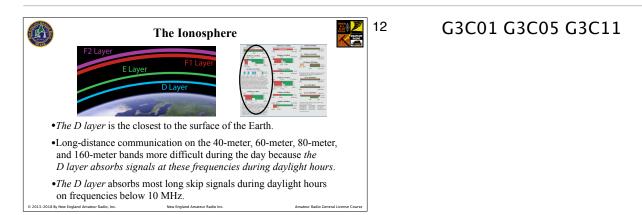
7

G3A05

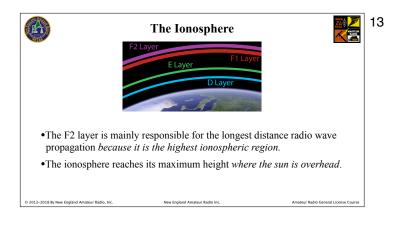


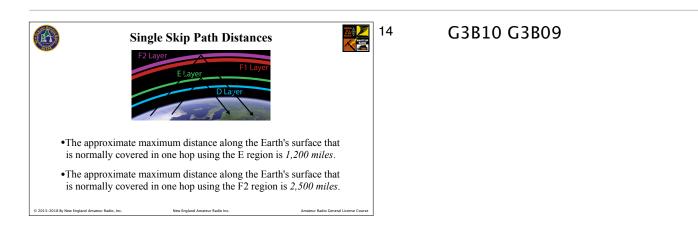


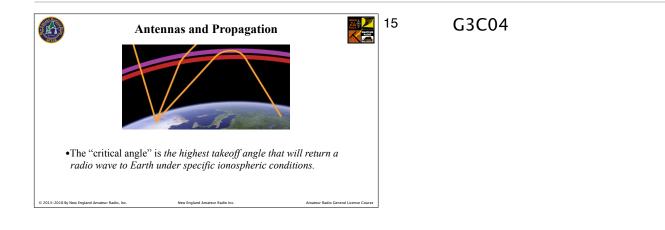


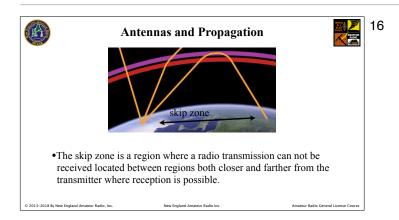


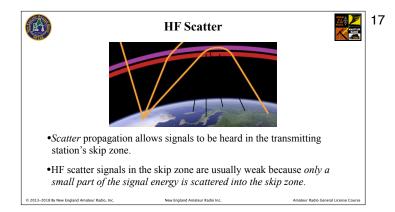
G3A02 G3A07

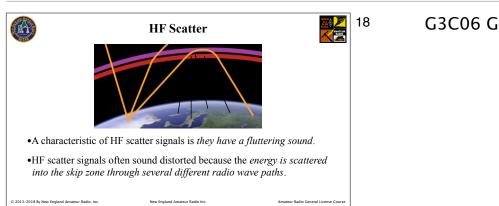


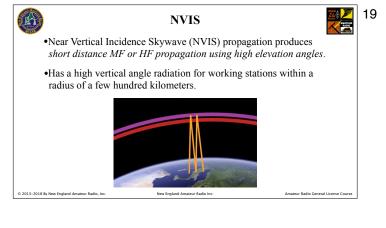


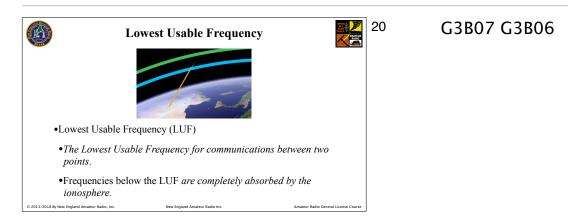












G3C09 G3C08

G3C06 G3C07

G3C10



21

•Maximum Usable Frequency (MUF)

P1

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- •The Maximum Usable Frequency for communications between two points.

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- •Frequencies above the MUF escape out into space and are not reflected back to Earth.
- •When selecting a frequency for lowest attenuation when transmitting on HF, select a frequency just below the MUF.

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Maximum Usable Frequency
Factors that affect the MUF
Path distance and location
Time of day and season
Solar radiation and ionospheric disturbances
A reliable way to determine if the MUF is high enough to support skip propagation between your station and a distant location on frequencies between 14 and 30 MHz is to listen for signals from an international beacon in the frequency range you plan to use.

