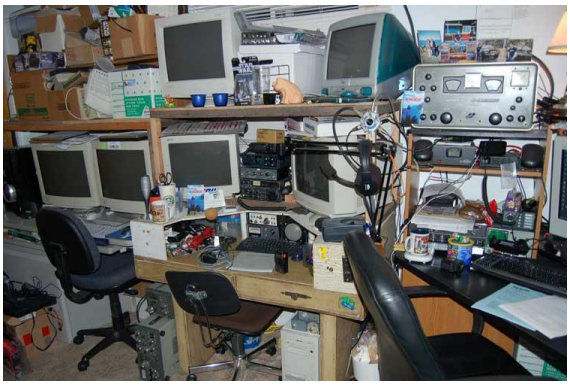
Slide 1

CHAPTER 11

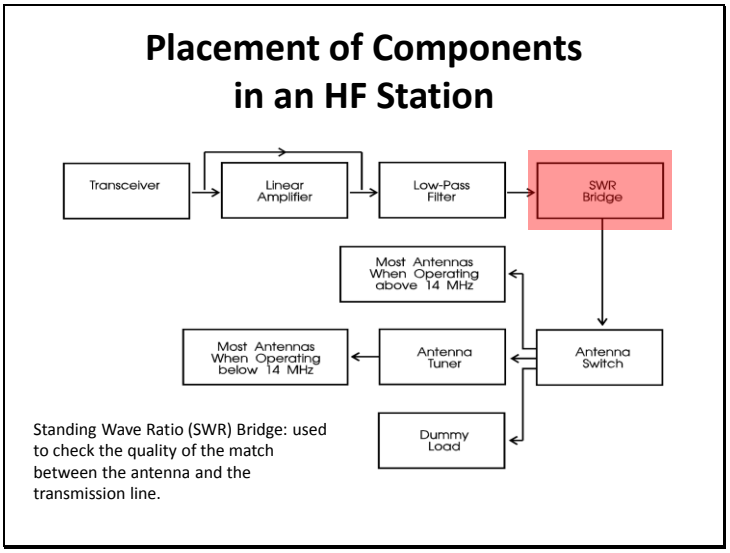
Establishing & Equipping an Amateur Radio Station

Slide 2

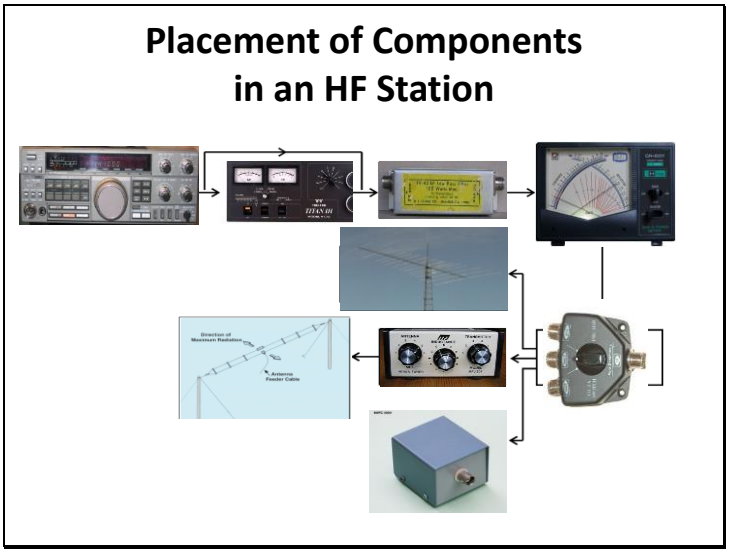
Placement of Components in a Station



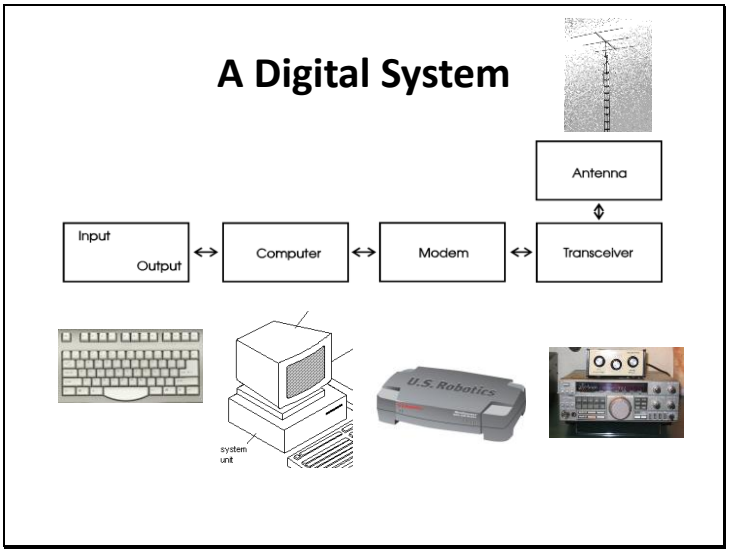
Slide 3


Placement of Components in an HF Station
Transceiver
Linear Amplifier
Low-Pass Filter
SWR Bridge
Most Antennas When Operating above 14 MHz
Most Antennas When Operating below 14 MHz
Antenna Tuner
Antenna Switch
Dummy Load
Standing Wave Ratio (SWR) Bridge: used to check the quality of the match between the antenna and the transmission line.

Slide 4


Placement of Components
in an HF Station
Direction of
Maximum Radiation
Antenna
Feeder Cable

Slide 5


A Digital System
Antenna
Input
Output
Computer
Modem
Transceiver
system unit
U.S. Robotics