

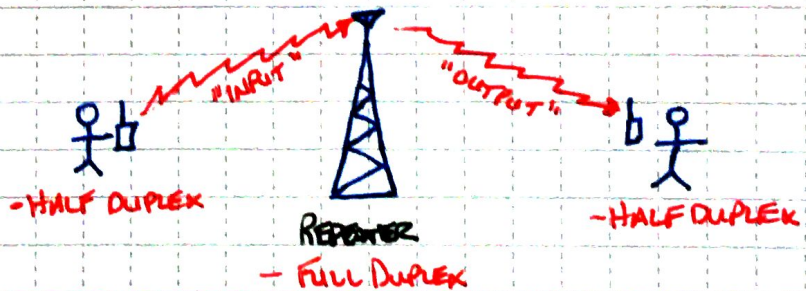
HAM TIPS : OPERATING "SPLIT"

- ANOTHER NAME FOR "SPLIT" IS DUPLEX

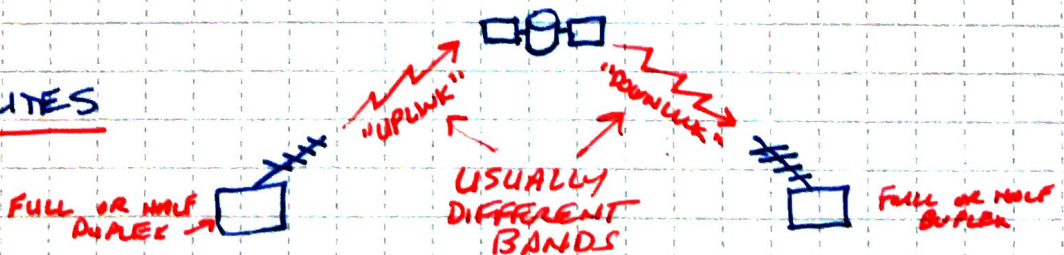
- DUPLEX SIMPLY MEANS THAT YOU'RE TRANSMITTING & RECEIVING ON DIFFERENT FREQUENCIES
- FULL DUPLEX = Tx & Rx ON DIFF. FREQS SIMULTANEOUSLY
- HALF DUPLEX = Tx & Rx ON DIFF. FREQS, ONE AT A TIME

MOST COMMON APPLICATIONS FOR DUPLEX OPERATION :

REPEATERS



SATELLITES



- WHAT ABOUT HF OPERATION?

- THE VAST MAJORITY OF HF COMMUNICATIONS IS DONE VIA SIMPLEX (SAME TX & RX FREQUENCIES)

- OCCASIONALLY - THERE IS SOME DUPLEX OPERATING

→ ON HF - IT'S USUALLY REFERRED TO AS...
"WORKING SPLIT"

- USUALLY BY RARE/DESIRED "DX" STATION

(TO DEAL WITH THE PILE-UPS)

- IF SIMPLEX, TOO MANY CALLING STATIONS INTERFERE WITH EFFICIENT OPERATION

- BY "LISTENING" ON A DIFFERENT FREQ, THE DX (AND EVERYONE) CAN HEAR BETTER

- "LISTENING UP" OR "LISTENING UP 5, 5-10, ETC."



THE "DX" TRANSMITS HERE, BUT LISTENS IN THIS RANGE

- SPREADS THE CALLING STATIONS OUT - LESS OVERLAP
- KEEPS CALLING STATIONS OFF OF HIS TX FREQ

OPERATING SPLIT ON HF

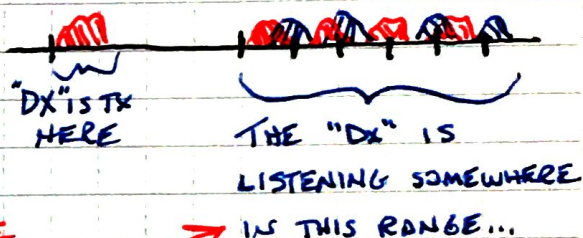
- MOST RIGS HAVE 2 VFOs FOR THIS PURPOSE:
 - USE ONE VFO TO SET YOUR Rx FREQ
 - USE THE OTHER TO SET YOUR Tx FREQ
 - SET RIG TO "SPLIT" MODE

- KEYS TO SUCCESS...

• LEARN YOUR RIG!

• FIGURE OUT WHERE THE DX IS LISTENING!

- DURING EXCHANGE, TUNE ACROSS THE RANGE



• SOME RIGS INCLUDE FEATURES TO HELP

- SOME HAVE "DUAL" RECEIVERS - LISTEN TO BOTH

- SOME HAVE "TF.SET" OR "OFFSET" CONTROLS

- "LOCK" THE Rx FREQ

- "TUNE" YOUR Tx FREQ (DX Rx FREQ)