

## Equipment at K9STH (as of 23 September 2011)

The following photographs are of the two operating positions at K9STH as of 23 September 2011. There is a considerable number of other primarily "boat anchor" equipment that is not pictured.



Main operating position, far left side:

From top to bottom: Antenna switching console, Collins 75A-2 receiver, Collins 75A-3 receiver, WRL Globe Champion 350A, Collins 75A-4 receiver.



Main operating position, left side:

From bottom, 1<sup>st</sup> row: Central Electronics MM-2 monitor scope, Collins 75S-1 receiver, Collins 32S-3 transmitter, Collins 75S-3A receiver, Collins 75S-1 receiver, Collins 32S-1 transmitter. On top of MM-2 CDE AR-22 rotor control; on top of 75S-1 Tempo Commercial Line 220 transceiver (222 MHz FM) and Kenwood TR-7850 2-meter FM transceiver; on top of 32S-3 Yaesu rotor control and mfg 24 hour clock; one top of 75S-3A AADE digital readout; on top of 75S-1 Heath HM-2102 VHF wattmeter.

2<sup>nd</sup> row: Heath SB-200 linear amplifier; Collins 312B-4 console; Tempo 2001 linear amplifier; Heath SB-110A transceiver (6-meter); Eldico R-104 receiver; Eldico T-102 transmitter. On top of 312B-4 Yaesu FT-690RII 6-meter transceiver (6-meter FM and i.f. for 222 MHz SSB/CW).

3<sup>rd</sup> row: Home brew phasing console for 40-meter vertical antenna array; home brew 160-meter linear amplifier (pair GI-7bT tubes); Collins 75A-1 receiver; Hammarlund HQ-140X receiver. On top of phasing console home brew 222 MHz transmitting and receiving converters; on top of 75A-1 home brew Collins "looking" speaker; on top of HQ-140X Knight V-107 VFO and Knight TR-106 6-meter AM transceiver; on top of 222 MHz converters high voltage supply for 160-meter linear.



Main operating position right side:

From bottom 1<sup>st</sup> row: Collins 75S-3A receiver; Collins 75S-1 receiver; Collins 32S-1 transmitter; Heath SB-401 transmitter; Heath SB-301 receiver. On top of 75S-3A AADE digital readout; on top of 75S-1 Heath HM-2102 VHF wattmeter; on top of 32S-1 Heath HM-2102 wattmeter.

2<sup>nd</sup> row: Heath SB-110A 6-meter transceiver; Eldico R-104 receiver; Eldico T-102 transmitter; Eldico M-135 console; home brew 160-meter transceiver (40-meter i.f.).

3<sup>rd</sup> row: Collins 75A-1 receiver; Hammarlund HQ-140X receiver; RME-6900 receiver; Hallicrafters HA-6 6-meter transverter; Hallicrafters HA-2 2-meter transverter. On top of HQ-140X Knight V-107 VFO and Knight T-106 6-meter AM transceiver; on top of RME-6900 BC-348 receiver; on top of HA-6 2 each Heath SB-600 speakers; on top of HA-2 Pace Landmaster II transceiver for 10-meter FM. On top of BC-348 Gonset Communicator II 2-meter AM transceiver; on top of SB-600 2 each "generic" speakers and m/j keyer; on top of Pace Landmaster II Uniden HR-2510 10-meter transceiver.



Main operating console far right side:

From top to bottom: Icom 432 MHz linear; Microwave Modules 432 MHz transverter; Uniden HR-2510 (i.f. for 432 MHz transverter); home brew control console for 432 MHz station; Hallicrafters S-85 receiver, Heath DX-100 transmitter; Hallicrafters HT-20 transmitter.



Heath "original" twins position

Bottom row, left to right: Heath TX-1 Apache transmitter; Heath RX-1 Mohawk receiver; Heath HA-10 Warrior linear amplifier. On top of Apache Heath VHF-1 Seneca transmitter (AM/CW 6 and 2 –meters); on top of Mohawk Heath SB-10 SSB adapter and Heath XC-6 (6-meter) and XC-2 (2-meter) receiving converters; on top of Warrior Heath AK-5 speaker. On top of Seneca Heath CA-1 "Conelrad" monitor and Heath AM-2 SWR bridge; on top of XC-2 Heath code practice oscillator. On top of CA-1 ICA "Signa-Tone" code practice oscillator; on top of AM-2 home brew VXO for 2-meters with Seneca.

The round object hanging on the wall is the Zook family "hex symbol". Such "hex symbols" were placed on homes and barns by Amish and Mennonite families to protect the property from harm. Such symbols are very common in the Lancaster, Pennsylvania, area as well as other areas with large Amish or Mennonite populations. The surname Zook originated in Switzerland with Mennonite family with the last name of Zug (also spelled Zugg and Zaugg).