I know we all collect, have, sell, trade, and lust for "stuff" - especially Ham Stuff. While the attached list is not a "brag-list", it began as a whim, a couple of years ago. I began to think about all the electronic & ham radio stuff I'd owned over the years - some used in the shack as the "main" radios, while other stuff was obtained, cleaned up, fixed up, and either traded or sold. I also included test equipment (I do a lot of "testing") and antennas, after a while. It absolutely astounds me when I consider that my earliest introduction to radio was on my "city" Grandfather's 1939 Stromberg-Carlson 410T (AM & SW) radio, that was in his living room - yep... still got it, and yep... it still works! Now, I turn on the ICOM IC-756 PRO II and although the control of the signal that's afforded me with it, provides real communications in being able to pull audio out of "grunge", it all comes back to some guy with a key or microphone (or keyboard) making it happen in the first place... along with those wonderful "boxes" that have worked their way into and out of my shack and shop.

I've attached the current list with this Email to Orlan... maybe he'll include it; maybe not - still, each Name & Model No. tells a yarn back to me - like pretty girls so long ago, each one reminds me of a story, that brought enjoyment and a smile.

It's kind of a "bucket list" in reverse, you see. Try one yourself - you WILL amaze yourself.

Tom - WØEAJ

**Equipment at WAØEAJ / WØEAJ:**
Active rigs - used for primary station at some time

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crosley</td>
<td>&quot;Fiver&quot; AM/SW radio</td>
<td>(1949)</td>
</tr>
<tr>
<td>Central Electronics</td>
<td>20-A HF exciter</td>
<td></td>
</tr>
<tr>
<td>Central Electronics</td>
<td>458 HF VFO</td>
<td></td>
</tr>
<tr>
<td>Central Electronics</td>
<td>600L HF Linear Amp</td>
<td></td>
</tr>
<tr>
<td>Dentron</td>
<td>160-10 HF Super Tuner</td>
<td></td>
</tr>
<tr>
<td>Dentron</td>
<td>GLA-1000 Linear Amp</td>
<td></td>
</tr>
<tr>
<td>Hallicrafters</td>
<td>R-47 Speaker</td>
<td></td>
</tr>
<tr>
<td>Hammarlund SP-210X Super-Pro</td>
<td>HF receiver</td>
<td>(1941)</td>
</tr>
<tr>
<td>Heathkit</td>
<td>AR-3 HF AM/SW receiver</td>
<td>(1959)</td>
</tr>
<tr>
<td>Heathkit</td>
<td>HW-7 HF CW QRP transceiver</td>
<td></td>
</tr>
<tr>
<td>Heathkit</td>
<td>SA-2060 HF Antenna Tuner</td>
<td></td>
</tr>
<tr>
<td>Heathkit</td>
<td>SB-200 HF Linear Amp</td>
<td></td>
</tr>
<tr>
<td>Heathkit</td>
<td>SB-220 HF Linear Amp (WØKI SK)</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>AH-2 HF end-fed wire autotuner</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>AT-180 HF remote ant. tuner (WBØPCM SK)</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>IC-706 HF/VHF Transceiver (NØXPS SK)</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>IC-706 MK-II/G HF/VHF/UHF Transceiver (NØXPS SK)</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>IC-R70 HF AM/FM/CW/SSB Receiver</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>IC-R7000 VHF/UHF AM/FM/CW/SSB Receiver</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>IC-746 HF/6m/2m Transceiver</td>
<td></td>
</tr>
<tr>
<td>ICOM</td>
<td>IC-756 PRO II HF/6m transceiver</td>
<td></td>
</tr>
<tr>
<td>Kenwood</td>
<td>TS-430S HF Transceiver</td>
<td></td>
</tr>
<tr>
<td>Kenwood</td>
<td>DG-5 Digital Readout</td>
<td></td>
</tr>
<tr>
<td>Kenwood</td>
<td>PS-430 Power Supply</td>
<td></td>
</tr>
</tbody>
</table>
Kenwood         TS-520S HF Transceiver
Kenwood         TS-940S/AT HF Transceiver (WØKI SK)
Kenwood         VFO-520 aux HF VFO
Stromberg-Carlson 410T AM/SW radio (1939)
Swan           500C HF Transceiver w/117AC P/S + DC:14 pak

VHF / UHF Equipment

Alinco            ALD-24/T 2m/440 FM mobile transceiver  X2
Alinco            DJ-500T H/T 2m/440 FM handheld
A O R            VHF/UHF/Air/Cell Scanner
Clegg            Venus 6m SSB/AM transceiver
Drake            TR-33C 2m portable transceiver
G L B            2m Synthesizer
Heathkit         GP-11 Mobile Power Supply
Heathkit         HA-201(a) 2m power amplifier
Heathkit         HW-37 “Twoer” 2m AM Transceiver
ICOM             IC-2/AT 2m FM handheld  X2
ICOM             IC-04/AT 440 FM handheld
ICOM             IC-202S 2m SSB/CW Transceiver
ICOM             IC-215 2m FM Transceiver
ICOM             IC-230 2m FM mobile transceiver  X4
ICOM             IC-505 6m SSB/CW Transceiver
ICOM             3200 2m/440 FM mobile transceiver
Johnson          540 2m FM handheld  X2

---

Kenwood         TH-F6A 144/220/440 mHz handheld  X2
Kenwood         TM-732A 2m/440 FM mobile transceiver
Kenwood         TM-733 2m/440 FM mobile transceiver  X2
Kenwood         TR-7400A 2m mobile transceiver  X2
Kenwood         TM-V7U 2m/440 FM Transceiver
Midland         13-500 2m FM mobile transceiver
Realistic       PRO-37 VHF/UHF/Air Scanner
Standard        C-508A 2m/440 FM QRP handheld
Yaesu           FT-207R 2m FM handheld
Yaesu           FT-625RD 6m CW/SSB transceiver
Yaesu           FRG-9600 60-900 MHz all-mode receiver (NØXPS SK)
Yaesu           VX-1R 2m/440 FM QRP handheld

--------------owned at one time, bought, cleaned, repaired, sold, etc--------------

ALDA            PS-30 30amp 12v power supply
ALINCO          DX-70 HF/VHF Transceiver
Allied          A-2515A HF receiver (1969)
Atlas           215X HF transceiver
Bearcat         DX-1000 HF Receiver
Clegg           22’er 2m AM transceiver
Clegg           99’er 6m AM transceiver
Collins (military) AN/TCS-9 HF Receiver (1943)
Gonset          Commander HF Xmtr + VFO
Gonset          6 band HF-to-AM bcst converter
Gonset
Super 6 HF-to-AM bcst converter X2
Gonset
Super 12 6 band HF-to-AM bcst converter
Gonset
2 band HF (CAP)-to-AM bcst converter
Gonset
75m HF-to-AM bcst converter
Hallicrafters
HA-1 AM/FM HT – Gnd + Air (1972) Vietnam
Hallicrafters
HT-41 HF CW/AM transmitter
Hallicrafters
PM-23 Speaker (1940)
Hallicrafters
R-42 “Reproducer” Speaker
Hallicrafters
S-38 HF receiver (1946)
Hallicrafters
S-38B HF receiver
Hallicrafters
S-38D HF receiver (1956) X2
Hallicrafters
S-40B HF receiver
Hallicrafters
S-120 HF Receiver (given to WB9NJB)
Hallicrafters
SX-16 HF Receiver w/speaker (1937)
Hallicrafters
S-20R HF Receiver (1945)
Hallicrafters
SX-24 HF Receiver (1940)
Hallicrafters
SX-62A HF/FM/AM receiver (1955) X2
Hallicrafters
SX-71 HF Receiver (1952)
Hallicrafters
SX-99 HF Receiver (1956)
Hammarlund
HQ-129X HF receiver (1953) X2
Hammarlund
SP-600 JX-17 HF receiver (1952)
Heathkit
AT-1 HF CW Transmitter (1954)
Heathkit
DX-40 HF CW/AM transmitter (58-60)
Heathkit
DX-60B HF CW/AM transmitter

Heathkit
GC-1 HF receiver (60-62) X2
Heathkit
HA-10 Warrior HF Linear Amplifier (WØRAS SK)
Heathkit
HG-10B VFO
Heathkit
HM-15 Phone Patch X2
Heathkit
HR-10B HF receiver X2
Heathkit
HW-32 20m HF SSB monobander w/HB p/s
Heathkit
QF-1 “Q” Multiplier (WØRAS SK)
Heathkit
SW-7800 HF receiver
Heathkit
VF-1 HF VFO X3
Johnson
Adventurer HF CW transmitter
Johnson
Viking II HF CW/AM Transmitter X2
Johnson
Viking Valiant HF CW/AM Transmitter X2
Johnson
Viking 500 HF CW/AM Transmitter
Johnson
122 HF VFO
Kenwood
R-2000 HF receiver
Kenwood
TS-940S/AT (WØKI SK)
Military
BC-348Q HF receiver (1942)
Military
BC-1206 LF/Beacon Receiver
Military (Emerson)
AN/PRC-9 240-300 mHz Survival Radio
Multi-Elmac
AF-67 HF Transmitter X2
Multi-Elmac
PMR-7 HF Mobile Receiver
National
NC-57B HF receiver
National
NC-60B
National
NC-125 HF receiver
National
NC-173 HF receiver w/speaker (1947)
National
NC-303 HF receiver
National
NCX-3 HF 3-band transceiver (WAØTWJ SK)
Palomar  90-A HF Linear Amplifier (WØRAS SK)

Home Brew  HBR-11 HF Receiver  (1964)

RACAL  6790/GM HF receiver

Realistic  DX-300 HF/AM/CW receiver  X2

Realistic  DX-440 HF/AM/CW/FM receiver  X2

S B E  SBE-34 HF Transceiver

Swan  SS-200A HF transceiver

Swan  350 HF Transceiver w/117AC Pwr Sply + Spkr

Swan  500 HF transceiver w/PS+speaker

TenTec  315 HF (ham bands only) receiver

Wards Airline  AM table radio – Grandpa S’s radio  (1941)

Yaesu  FRG-600 HF receiver

Accessory Items

Astatic  D-104 Microphone  X2

Astatic  A-10 Microphone

Astatic  D-104 “Golden Eagle” Microphone  (1976)

B&W  FL-10/1500 Low-Pass Filter

Bendix  260/262 SWR Bridge & meter (WØKI SK)

Shure  450 Microphone

Calrad  SR-16 HF SWR Bridge  X2

Calrad  Xtal. Mic. – see K6NCG webpage (6 meter pos)

-4-

Electrovoice  664 Microphone (MC-60 configuration)

E.F. Johnson  114-520 Speed-X semi-auto key  (1946)

E.F. Johnson  114-320 Speed-X Straight key  (1952)

Electric Specialty Co.  Cedar Rapids Bug – kit (WØKI SK) used by him in 1940+

Heathkit  GD-1 Grid Dip Meter w/coils (WØRAS SK)

Heathkit  GD-1A Grid Dip Meter w/coils (WØKI)

Heathkit  HD-20 Crystal Calibrator (WØRAS SK)

Heathkit  HN-31A Cantenna – Dummy Load  X2

Heathkit  HO-10 Monitor Scope

Heathkit  PM-2 Field Strength Meter (WØRAS SK)

HEILSOUND  HTSS + HSTA IM + HSTA 18

Homebrew  Field Strength Meter (WØRAS SK)

Homebrew  Field Strength Meter  (1964)

Homebrew  “L” Network HF Tuner  (1974)

Homebrew  Wooden Bug semi-auto key  (1964)

ICOM  SM-6 Microphone

Kenwood  MC-40 Microphone

Lionel (mfg.)  J-38 straight key  (WW-II)

MFJ  945-C HF Antenna Tuner

MFJ  912 4:1 Balun

McElroy  Deluxe 300 straight key  (1937)

Palomar  500 SWR/Power meter ***

SWAN  SWR-1 dual SWR meter (WØRAS SK)

Turner  4540 “SSB” microphone (WØKI SK)

Vibroplex  Lightening Bug semi-auto key  (1950)

Vibroplex  Presentation Deluxe semi-auto key  (1964)

VISTA  VIII 12vdc Power Supply  (1973)
## Test Equipment

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astron</td>
<td>VS-35M</td>
<td>1.6 - 13.75vdc 35amp DC P/S</td>
</tr>
<tr>
<td>Astron</td>
<td>RS-35M</td>
<td>13.75vdc 35amp DC P/S</td>
</tr>
<tr>
<td>B &amp; K</td>
<td></td>
<td>500 Vacuum Tube Tester</td>
</tr>
<tr>
<td>Beckman</td>
<td></td>
<td>3550 Digital Multimeter</td>
</tr>
<tr>
<td>Bird</td>
<td></td>
<td>43 RF Power Meter w/slugs</td>
</tr>
<tr>
<td>Calrad</td>
<td></td>
<td>45-743 variable 1.5a DC P/S</td>
</tr>
<tr>
<td>CIC</td>
<td>PS-1930</td>
<td>1.6 - 25.0vdc 5amp DC P/S</td>
</tr>
<tr>
<td>CenTech</td>
<td></td>
<td>35761 Digital Multimeter</td>
</tr>
<tr>
<td>DuMont</td>
<td></td>
<td>5” oscilloscope (1955)</td>
</tr>
<tr>
<td>D S I</td>
<td></td>
<td>3550 Frequency Counter</td>
</tr>
<tr>
<td>Unknown</td>
<td>DVM-810</td>
<td>Mini Digital Multimeter</td>
</tr>
<tr>
<td>EICO</td>
<td></td>
<td>324 RF Signal Generator</td>
</tr>
<tr>
<td>EICO</td>
<td></td>
<td>377 AF Signal Generator (WØKI SK)</td>
</tr>
<tr>
<td>EICO</td>
<td></td>
<td>368 TV/FM Sweep Generator</td>
</tr>
<tr>
<td>EICO</td>
<td></td>
<td>HVP-5 High Voltage Probe</td>
</tr>
<tr>
<td>Fluke</td>
<td></td>
<td>77 Digital Multimeter</td>
</tr>
<tr>
<td>Heathkit</td>
<td>AO-1</td>
<td>Audio Generator</td>
</tr>
<tr>
<td>Heathkit</td>
<td>EK-1</td>
<td>basic multimeter</td>
</tr>
<tr>
<td>Heathkit</td>
<td>GD-1</td>
<td>Grid Dip Meter (WØRAS SK)</td>
</tr>
<tr>
<td>Heathkit</td>
<td>GD-1A</td>
<td>Grid Dip Meter (WØKI SK)</td>
</tr>
<tr>
<td>Heathkit</td>
<td>HP-32</td>
<td>HV Power Supply</td>
</tr>
<tr>
<td>Heathkit</td>
<td>ID-22</td>
<td>Electronic Switch (WØKI SK)</td>
</tr>
<tr>
<td>Heathkit</td>
<td>IG-72</td>
<td>Audio Generator</td>
</tr>
<tr>
<td>Heathkit</td>
<td>IN-4137</td>
<td>Capacitor Sub. box</td>
</tr>
<tr>
<td>Heathkit</td>
<td>IT-22</td>
<td>Capacitor Tester (WØKI SK)</td>
</tr>
<tr>
<td>Heathkit</td>
<td>RS-1</td>
<td>Resistor Sub. box</td>
</tr>
<tr>
<td>Heathkit</td>
<td>V-5</td>
<td>VTVM multimeter</td>
</tr>
<tr>
<td>Hewlett-Packard</td>
<td>606A</td>
<td>50kc-65mc AM/CW Signal Generator</td>
</tr>
<tr>
<td>Hewlett-Packard</td>
<td>53131A</td>
<td>225 mHz Frequency Counter</td>
</tr>
<tr>
<td>Hewlett-Packard</td>
<td>HP-400</td>
<td>AC RMS voltmetere</td>
</tr>
<tr>
<td>Hitachi</td>
<td>VC-5460</td>
<td>Portable Digital Oscilloscope</td>
</tr>
<tr>
<td>IFR</td>
<td>FM/AM 1000A</td>
<td>Service Monitor</td>
</tr>
<tr>
<td>KAY</td>
<td>30-0 Step</td>
<td>Attenuator</td>
</tr>
<tr>
<td>Metex</td>
<td>ME-11</td>
<td>Digital Multimeter</td>
</tr>
<tr>
<td>M F J</td>
<td>249 HF/VHF</td>
<td>Antenna Analyzer</td>
</tr>
<tr>
<td>M F J</td>
<td>259 HF/VHF</td>
<td>Antenna Analyzer</td>
</tr>
<tr>
<td>M F J</td>
<td>269 HF/VHF/UHF</td>
<td>Antenna Analyzer</td>
</tr>
<tr>
<td>Marconi</td>
<td>2022C</td>
<td>10kHz-1GHz RF SigGen</td>
</tr>
<tr>
<td>Military</td>
<td>TS-297/U</td>
<td>VOM Multimeter</td>
</tr>
<tr>
<td>Military</td>
<td>AN/TV-7A/U</td>
<td>Tube Tester</td>
</tr>
<tr>
<td>Military</td>
<td>AN/PSM-2A</td>
<td>HV Megohm meter</td>
</tr>
<tr>
<td>Military</td>
<td>AN/URM-25D</td>
<td>SigGen (NØRK SK) (1956)</td>
</tr>
<tr>
<td>Military (Hewlett-Packard)</td>
<td>AN/USM-323</td>
<td>451 kc-1024 mc Signal Generator</td>
</tr>
<tr>
<td>Military</td>
<td>AN/OS-8C 3” oscillscope</td>
<td>w/Probe</td>
</tr>
<tr>
<td>Motorola</td>
<td>T-1034C</td>
<td>VHF/UHF FM/CW Signal Generator</td>
</tr>
<tr>
<td>N L S</td>
<td>MS-15</td>
<td>Mini-Oscilloscope</td>
</tr>
</tbody>
</table>
Oscilloscope (electronics course)

OPTOElectronics
FC-50C Freq. Counter (WØKI SK)

Panasonic
TN-63 6” B&W video Monitor (from old B-A)

RCA
WV-500B Solid-State VTVM

Sencore
SM-152 TV/FM Sweep Generator

Shibaden
3” CCTV Monitor (battery powered)

Sperry
AV-2A Snap-Around current meter

Sperry
CS-600A Circuit Breaker Finder kit

StarTek
ATH-10 Frequency Counter w/charger

SONY/Tektronix
314 Storage Oscilloscope

Tektronix
453 Oscilloscope

Tektronix
458 Storage Oscilloscope

Tektronix
465 Oscilloscope

Tektronix
DC-502-1 Frequency Counter

Tektronix
DM-501A Digital VOM

Tektronix
SG-505 Audio Oscillator

Tektronix
2445A Oscilloscope X2

Triplett
3432 HF AM/CW Signal Generator

Triplett
3550 Digital Multimeter

Triplett
79-270 High Voltage Probe

Triplett
RF Probe

Valhalla
4500 HV Digital Multimeter

Variac
Homebrew 5a AC Variac w/V & A meters

Variac
35a AC Variac (117 or 230vac)

Antennas

Antenna Specialists
5/8 VHF X3

Arrow
3 element UHF yagi

Cushcraft
147-11 11 element VHF yagi

Cushcraft
446-3 3 element UHF yagi

Cushcraft
6m Squalo

Cushcraft
6m Ringo Ranger

Cushcraft
2m Ringo (WØKI SK)

Cushcraft
2m Ringo Ranger X2

Cushcraft
70cm Ringo Ranger

Diamond
VHF-UHF mobile w/base

GAP
Challenger HF vertical

Homebrew
5/8 VHF

Hustler
MO-2 mobile mast X2

Hustler
80m resonator

Hustler
40m resonator X2

Hustler
40m Super resonator

Hustler
20m resonator X2

Hustler
20m Super resonator

Hustler
15m Super resonator

Hustler
27m (11.175 mc) resonator

Hustler
10m resonator

HyGain
12AVS – HF vertical

HyGain
18AVT – HF vertical

Larson
2/70 VHF-UHF mobile X3
Larson 5/8 VHF X3
Larson 5/8 UHF X2
TelRex 4 element 6m yagi
Unknown 8 element 6m yagi
Yaesu ATAS 100 w/Homebrew control box X2
Yaesu ATAS 120 w/Homebrew control box X2

*** Palomar 500 SWR/Power meter:

Formerly owned by Carl Bruns KØGOZ (SK), my FIRST and ORIGINAL “elmer”, who first showed me a REAL ham shack and was influential upon my hobby, my careers, and my future. Ironically, the meter was purchased from his estate by my STEPFATHER – James Carl (WØKI SK), who ultimately gave it to me in 2009, before his passing.