

PA3CLQ's Leuke Linken Nr. 527

Kit QRP transmitter build.

I spent a few days building a replica of a late-50s Ameco AC-1T transmitter:

<http://udel.edu/~mm/ham/ameco/>

It was the best feeling to power it up, see tubes glow, and a solid 6 W into a dummy load.

Now to get it on the air!

It's a CW only transmitter and has my skcc SK plugged into it.

After I make a T/R switch it'll be ready for skcc qosos.

73, Mike ab3ap

Mike,

I forgot all about the KeyAll.

I have a few of them as well (the older model), very economical!

<http://wb9kzy.com/keyalld.htm>

Dave - W3NP

Kit QRP transmitter build.

While it has been a very long time since I have used an electronic keyer, I added a keying interface circuit to an older Curtis EK-430 keyer.

It serves 2 functions - to allow the keyer to be used with my many boatanchor tube transmitters and also to allow simultaneous keying of a VFO.

I now use the little keyer as an interface between the keying circuit as an isolated way to key a vfo when not using crystal control and as a sidetone monitor when working a station on a different freq than my crystal frequency.

Here are the links to the circuit I found from a page published by WA5BDU and all credit goes to him:

<http://pages.suddenlink.net/wa5bdu/cathode.gif>

<http://pages.suddenlink.net/wa5bdu/cathode.gif><http://pages.suddenlink.net/wa5bdu/cathode.txt>

<http://pages.suddenlink.net/wa5bdu/cathode.txt>

<http://pages.suddenlink.net/wa5bdu/cathode.gif><http://pages.suddenlink.net/wa5bdu/cathode.txt>

I pulled the necessary power from the keyer, installed an extra rca jack to go to the VFO, and used the keyer straight key input jack for my straight keys.

I think I got a bag of 10 of the 1RF-730's on ebay for a few bucks.

The rest of few parts are generic and easy to find. I mounted all of the parts inside of the keyer on a long terminal lug strip.

Since I am now participating in the NRR, the little device keys any of my xmtrs and lets me monitor my sending when the other station in on a different crystal frequency.

Another option (if you don't need to key a vfo at the same time) is this adapter by Hamgadgets:

<http://www.hamgadgets.com/UKA-3>

I have built and put several of these in little mini-boxes.

73, Dave - W3NP 3182S

I got some requests for my circuit

http://www.k3msb.com/misc/keying_circuit.html

Not a nice drawing; I just photographed a part of my restoration journal and make a new web page.... "quick like"

73 Mark K3MSB

Hi All,

One of the regulars on MorseKOB wire 11, Bill, sent me this link to a story about "back in the daze".

I think you all might enjoy...

<http://thetracksidephotographer.com/2019/04/11/saturday-afternoon-at-jo/>

73, Chris Hausler SlowSpeedWireGroup

I have a Flameproof key, that I think is a USN key.

Has CMI-26003a stamped on the side of it.

Can anyone tell me where I could find some more info/ heritage on this key?

Paul w2eck

One source of info you might find interesting is here:

http://www.telegraph-office.com/pages/Navy_numbers.html

73 de W0KFG Richard

Paul.

The first 3 letters indicate the manufacturer.

Yes it is the USN flameproof key.

Bunnell also made them and a few (10 or so) years ago they offered their remaining inventory for sale:

<http://www.jhbunnell.com/navykey.shtml>

<http://navy-radio.com/xmtr-key.htm>

says:

"CMI-26003 - Molded Insulator

CTE-26003 - Telephonics

CJB-26003 - Bunnell

CMK-26003 - McElroy

others

see Artifax web site

<http://artifaxbooks.com/fsusmilkeys.htm>

for more info"

<http://telegraphkeys.com/pages/keys/military.html>

This site has a more involved list or makers:

http://telegraph-office.com/pages/Navy_numbers.html

but is not just for the flameproof:

Early U.S. Navy Type Number System, 1915 to c. early 1930s CA American Radio Research Corp.

CAB Baldwin Telephone Co.

CAC Central Telephone Co.

CAD Domestic Manufacturing Engineering Co.

CAE Cutler Hammer Manufacturing Co.

CAF John Firth

CAG General Radio

CAH Cutter Manufacturing Co.

CAJ Holtzer Manufacturing Co.

CAK William J. Murdock

CAL Locke Insulator Co.

CAM Manhattan Electrical supply Co.

CAN Sagame Electric Co.

CAO Ward Leonard Co.

CAP Frank B. Perry

CAQ Robbins and Meyers

CAR Roller Smith

CAS Chloride of Silver Co.

CAT American Transformer Co.

CAU Triumph Electric Co.

CAW C. & C. Electric Co.

CAX Metropolitan Electric Co.

CAV Industrial Controller Co.

CAY West Electric Controller Co.

CB Crocker Wheeler Co.

CD E. J. Simon

CF DeForest Radio Telephone & Telegraph Co.

CG General Electric Co.
CH Electrose Insulator Co.
CK Kilbourne and Clark
CL Fritz Lowenstein
CM Marconi Wireless Telegraph Co. of America
CN National Electric Supply Co.
CO Copely Manufacturing Co.
CP Cutting and Washington
CQ International Radio Telegraph Co.
CR Wireless Specialty Apparatus Co.
CS Sperry Manufacturing Co.
CT Federal Telegraph Co.
CU Miller Resse Hutchinson
CV Weston Instrument Co.
CW Western Electric Co.
CY Wireless Improvement Co.
SE Bureau of Steam Engineering, U.S. Navy
Later U.S. Navy Type Number System, c. early 1930s to post W.W.II CAY
Westinghouse Electric & Mfg. Co.
CABH Signal Electronic & Mfg. Co.
CABJ Lionel Corp.
CAKU Winslow Co.
CAPH Telegraph Apparatus. Co. (Ted McElroy)
CAQZ Brelco
CAZ Brooklyn Metal Stamping Co.
CAZT Electro Specialty Co.
CBBX Western Union Telegraph Co.
CDM D. P. Mossman Co.
CEA Bendix
CEJ E. F. Johnson
CHD Hardwick-Hindle, Inc.
CJB J.H. Bunnell
CJF J. F. Friez
CJY Leach Brothers
CKI Chicago Apparatus Co.
CLR Leach Relay
CLS L.S. Brach
CLT Lundquist Tool & Mfg. Co.
CMH American Radio Hardware
CMI Molded Insulator
CMK McElroy Electronics (Ted McElroy)
CN National Electric Machine Shops Inc.
COL Collins Radio Co., Inc.
CRL Centralab/Globe Union and Remler Co.
CRR Bendix
CRV RCA Victor, Div of RCA
CSE Signal Electric
CTC Chicago Telephone Supply
CTE Telephonics Corp.
CUZ United States Telev. Mfg. Co."

<http://w1tp.com/im9000.htm>

<http://wa0itp.com/flameproof.html>

This will give you a little history (of the Bunnell):

<http://www.jhbunnell.com/bunnellcohistory.shtml>

Google (or startpage in my case) is your friend.

There is a ton of info on the "flameproof" on the web and lots of pictures.

The original drawings are also out there.
Personally I love my flameproof.
It is the key I started ham radio with 51 years ago and I still love it.
Good luck. Jim Pruitt WA7DUY

Hi Jim.

In January of 1943 a PBY on the way to submarine patrol over the North Atlantic flew onto the side of a mountain at full speed when its experimental radar-altimeter read through the Greenland ice cap to the mountain beneath - so 2000 feet of ice smacked them in the belly - and the plane did a bounce before crashing and sliding to rest, to move nevermore.

So there it was, on the Greenland icecap in the dead of Winter , on the edge of a bottomless crevasse. Sweet.

During that bounce the radio operator instantly sent a single 4-digit emergency locator code - later, he didn't remember having done so.

But an alert operator monitoring the frequency copied that single 4-character string - otherwise, the inevitable search, days later, wouldn't have known where to start.

As a result, all 7 crew members of that PBY were pulled off that mountain on dogsleds - after 13 days on the icecap.

My dad was that radio operator.



His key was a Navy Flameproof.
I have that key :-)



73 Chris NW6V (born 1948)

AF2Z Drew uploaded an 11 page PDF file to the group's File section,,,,,,

on 11/08/13 of all 11 pages of the drawings that came with the J.H. Bunnell Navy Flameproof keys in a PDF file inside of a Folder named "Bunnell Navy Flameproof Docs" for anyone that wants to download them or here's a direct link to the PDF file:

<https://groups.io/g/SKCC/files/Bunnell%20Navy%20Flameproof%20Docs/Navy%20Flameproof%20Design%20Drwgs.pdf>

The download arrow icon is at the top right side of the page between the refresh and printer icons. The icons appear when you move the mouse pointer to the top of the page.

Thanks for posting all the history info, Paul.

I'm copying and pasting it into a file and saving it.

I bought my NOS (New Old Stock) Navy Flameproof from the J.H. Bunnell website back when they still had a few of them left.

I could have bought one for much less on eBay, but at least I know the one I bought was brand spanking new when I got it.

I used to have a Begali Camelback that was my favorite straight key, but W4CUX Bill (SK) SKCC # 5497T made me a half-inch thick solid steel base for my Navy Flameproof and tapped the threads to screw the key down on and once I mounted the Navy Flameproof straight key on the steel base it completely changed the feel of the key so much so that it became my favorite straight key so I sold the Begali Camelback after that.

I love this key!

I used to would wake my wife up with the clicking sound the Camelback made, but because of the enclosed contacts on the Flameproof key it was much quieter and I never woke her up with it and her asleep about 20 feet away from my radio table.

Very 73, Cliff, KU4GW

My latest Blog Post:

<https://dsckb1wod.blogspot.com/2019/03/skcc-k3y-event-antenna-problems-shack.html>

And for all the new members:

<https://dsckb1wod.blogspot.com/2018/02/the-skcc-for-intellectually-challenged.html>

This is a "store bought" EFHW from:

<https://myantennas.com/wp/>

This answers the question about the "trap" on my EFHW antenna.

<https://myantennas.com/wp/efhw-8010-is-this-the-ultimate-magic-antenna/>

Enjoy - Dave KB1WOD

Hi All,

Just a quick reminder that the KD8VSQ multi-multi team will be operating "light bulb" antennas...really!

We'll be CQing around 58-59 areas of 80, 40, 20 and 15m; on 160m we'll be at 1813.6 or so. Hope we can make it into your log.

73, Jeremy KD8VSQ

See:

<https://www.youtube.com/watch?v=C1us8nillA>

<https://www.youtube.com/watch?v=XSy271C07b4>

<https://www.youtube.com/watch?v=jc6xDmwUZtA>

<https://hamsignal.com/blog/light-bulb-antenna-basics-and-faq>

Editor

Hello:

There has been some discussion on the list over the past few days about the proper use of the prosigns, the IARU operating guide and, of course, the proposal for increased technician privileges.

The latest issue of the "QNI Newsletter addresses some of these topics and therefore might be of interest to SKCC members.....

And others

<https://qninewsletterdotnet.files.wordpress.com/2019/03/qni-2019-1.pdf>

73, James Wades (WB8SIW)

Does anyone have any experience with the Harvest Outb2000 (similar to the Outbacker) antenna?

I am planning to use with a mag mount on the top of my car for portable QRP operation?

Harvest OUTB2000 HF/6M Mobile Antenna (80, 40, 30, 20, 17, 15, 12, 10, 6m)



*72/73, Doc - K2PHD

I am one of those CW Ops who struggles with physical issues that make manual keying a challenge.

I have been exploring the options to try and find one that I can work comfortably with.

Recently I have been trying to read up on and explore Cootie keys.

I found an article (by Steve W1SFR) titled "Got an itch to try a Cootie Key?"

<https://w1sfr.com/2017/07/15/got-an-itch-to-try-a-cootie-key/>

Ken n9kju

The SKCC Cootie User's list now accounts for 157 members ,,,,,,,

#Cootie Based on the volume and frequency of "incoming" inquiries and requests to define the sideswiper (a.k.a. Cootie key) and to illustrate its unique keying technique, and with the influx of curious new members in recent weeks, this might be a good time to address this topic in detail again.

First let me say that my trigger to act on this day has been the simultaneous messages over the past 24 hours from one member requesting to be added to the Member's Cootie User List (see link at my QRZ page)

Mike, K5MP

Hello friends

<https://stationhyppo.com/2019/03/03/55-years-of-silence/>

TJ

Hello,

This email message is a notification to let you know that a file has been uploaded to the Files area of the SKCC@groups.io group.

File: CW practice files.zip

Uploaded By: Jim Stafford <QRP@BELLSOUTH.NET>

Description:

Over 70 files based on the 1950s ARRL manual = :Learning the Radiotelegraph code.

A set of progressive text files from easier to more difficult.

Some of the later ones are sample QSOs.

Used in the nfarl.org CW SIG training course.

You can access this file at the URL:

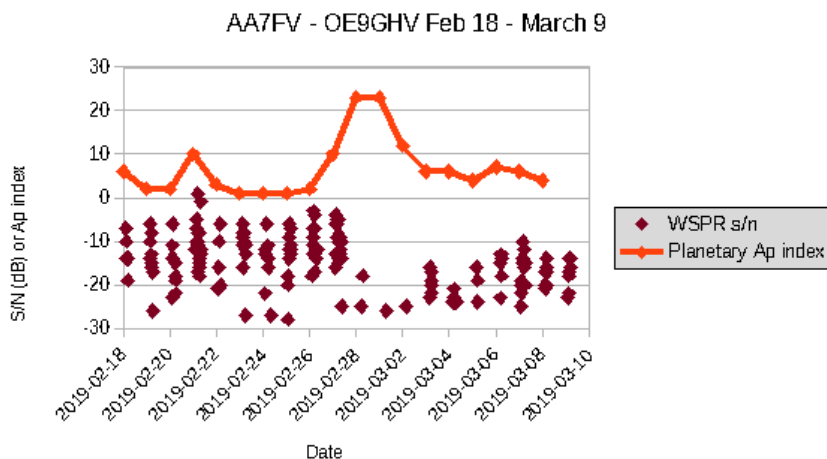
<https://groups.io/g/SKCC/files/CW%20Practice%20Text%20Files/CW%20practice%20files.zip>

Cheers, The Groups.io Team

Propagation and SSN

Just for fun, I compared the s/n on my 2-watt WSPR signal on 20m, as received in Austria from Arizona over the last 3 weeks, with the Planetary Ap index.

It probably takes about 3 ionospheric hops to get from Arizona to Austria. (The Ap index is just a daily average magnitude of geomagnetic fluctuations, averaged over chosen geomagnetic observatories around the planet.)



You can see (the orange line) when the solar storm hit Earth at the end of February. This caused about a 20 dB reduction in peak s/n over this path, and accounts for why conditions for the Intercontinental Sideswiper net last weekend were so poor. Since then, the Ap index is down to a "normal" value, but the s/n of signals over this path are still about 10 dB weaker than before the storm. There were few or no sunspots over this period, so I think most of the variation is due to the storm conditions rather than variations in solar flux. It will be interesting to find out what conditions are like during this weekend's Intercontinental Sideswiper net.

All just for fun,
Cheers, Darrel, aa7fv.

Peter - VE7PS has recently acquired a very nice Bunnell Double Speed Key, see attached picture.

He is learning the sideswiper and would like to learn more about his key. See his note below. Information and comments are more than welcome to:

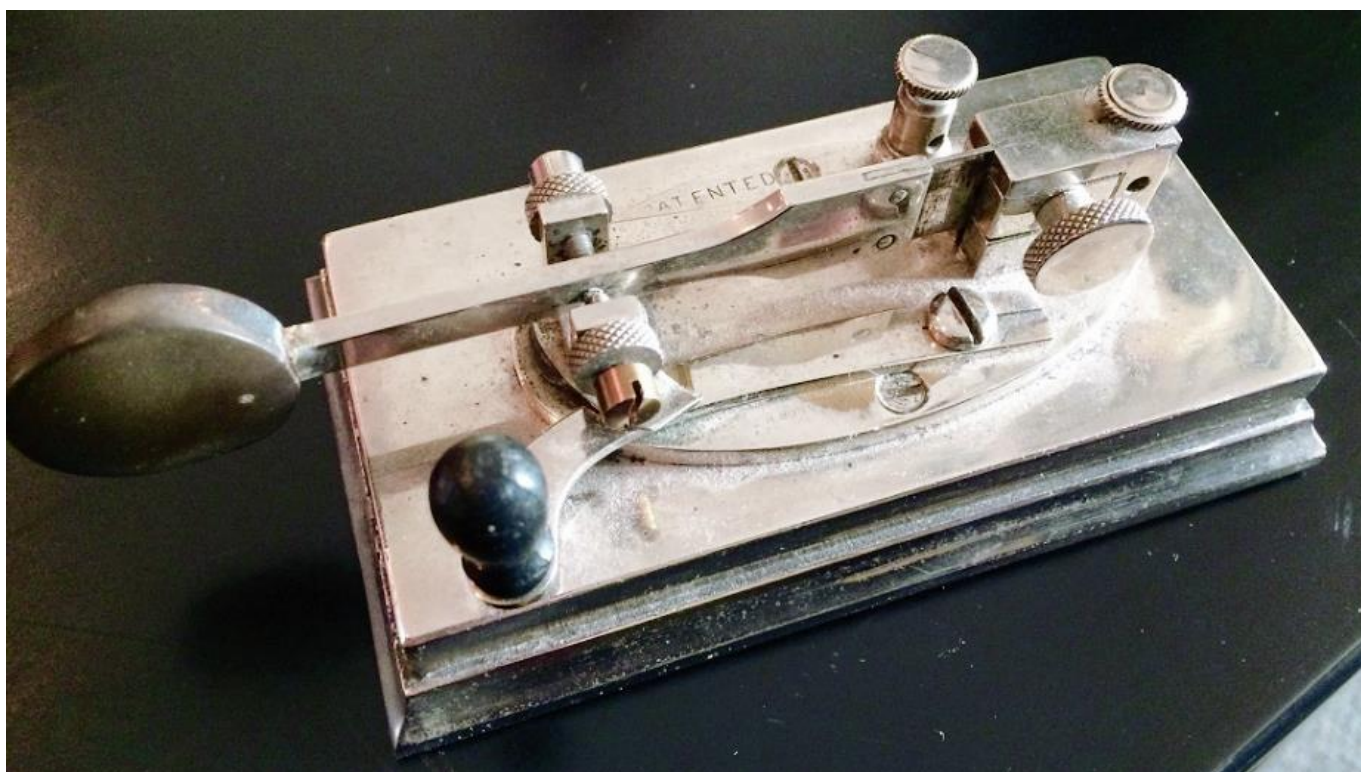
ve7ps@telus.net

Please, CC to the reflector, thanks!
73, Yann, F5LAW.

Note:

I may join your group once I get some practice with the key, but for the time being, I have attached a picture of it and would appreciate you passing that on to those who may know some history on it. I have sent an e-mail to the J.H. Bunnell Company and John Casale (who has a website with quite a bit of info on the Type W), but I have yet to hear back from either of them.

It would be nice to know its approximate year of manufacture, how many like this may have been made, and if the chrome plating is "factory" or something an owner did to it after manufacture.



73 et merci, PeterVE7PS

Originally that key was \$2.40 and the portable base was \$0.60.

N6TT's page on these keys:

<https://www.qsl.net/n6tt/bunn7.html>

Bunnell Biography from K5RW by Joe Jacobs (SK) father of current owner of Bunnell.

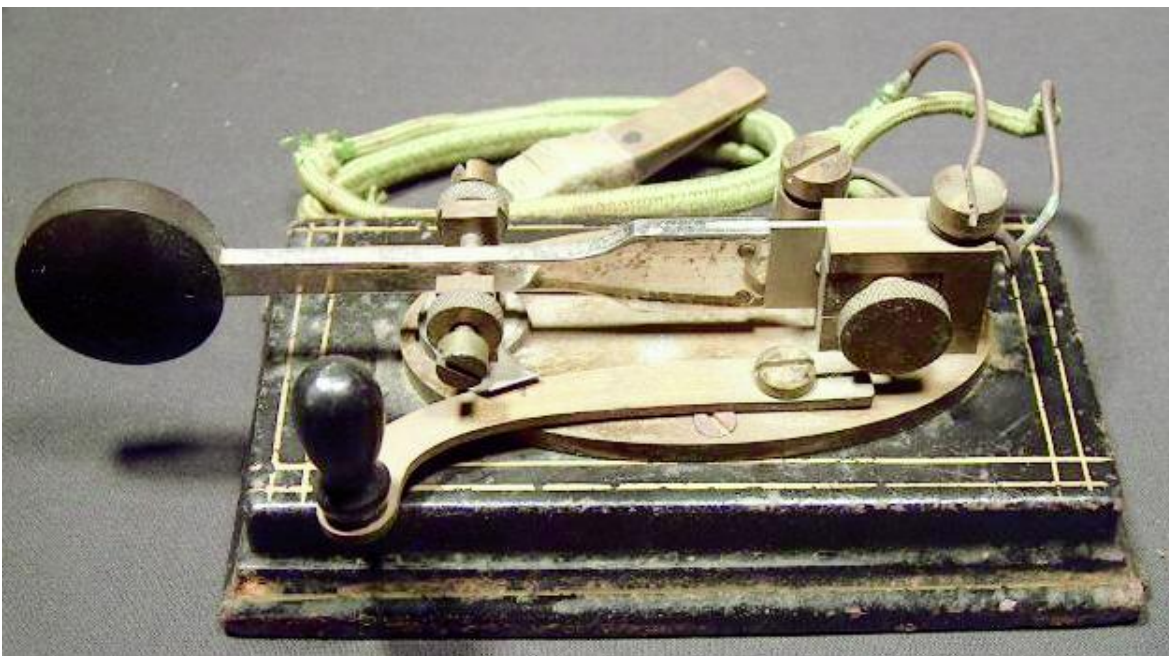
<http://www.telegraph-office.com/pages/bunnell.html>

Also

<http://www.jhbunnell.com/bunnellcohistory.shtml>

John Casale W2NI article about the DSK.

<http://www.telegraph-history.org/bunnell-double-speed-key/index.html>



73 David N1EA

Have a nice day / week(end) gents, BCNU.

Yann, F5LAW

<http://www.sideswipernet.org/>

By OM Yann F5LAW SideSwiperNetGroup

73, from the town at the rivers "De Bergsche Maas" and "De Dongen" Geertruidenberg (800+ years city rights) at: 51.702211N 4.853854E
Editor, PA0CLQ / PA3CLQ

Editor, Jan Pieter Oelp, PA0CLQ / PA3CLQ
-30-

E: pa3clq@casema.nl

W: www.pa3clq.nl/ i.e. Huge Direction Finding Antennas