Welcome to HRU 2019

HAM RADIO UNIVERSITY

FELLOWSHIP   SERVICE

H R U

KNOWLEDGE

A R R L

2019
Our 20th Year!

Fun with CW Workshop

These Slides Available on http://rcarc.org/presentations/Fun_CW_Slides.pdf

Fun with CW Workshop

Why CW?
Fun Break # 1 – sound of CW at various speeds
Plateaus – different mental processes in copying
Fun Break # 2 – How Fast Can you Write?
Organizations dedicated to CW
Fun Break # 3 – Audio Clip from Jean Shepherd Radio Show
Collectable Keys, Bugs, Paddles
Fun Break # 4 – Strange CW Keys
Suggestions for Improving Proficiency
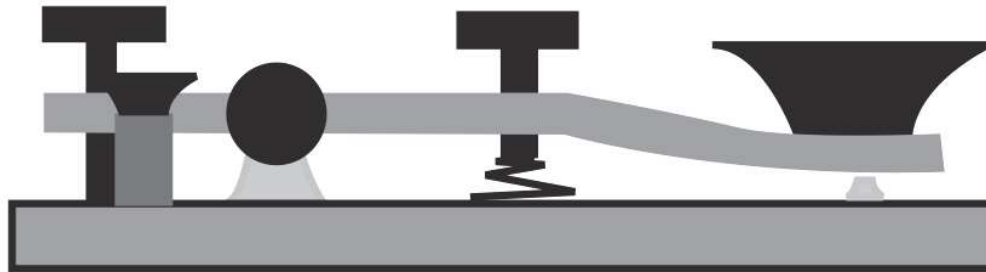CW Practice Software
More Fun CW Software – Contest / Pileup Simulators
Morse Decoding Software
Fun Break # 5 – Straight Key Sending Trials
Fun Break # 6 – Copying Competition (if time permits)

Why CW?

CW Gets Through when Other Modes Don't

      Higher TX Efficiency

      Narrower RX Bandwidth

CW provides "Cranial Stimulation" and satisfaction as you decode it

Easy Homebrew / Kit Projects with Decent Performance

Fun break # 1

Let's hear CW from 5 WPM to 60 WPM

5 WPM

10 WPM

15 WPM

20 WPM

30 WPM

45 WPM

60 WPM

5 WPM, Farnsworth Spacing

10 WPM, Farnsworth Spacing

Plateaus and mental processes for copying various speeds

- Memorization of character set: 3 to 5 WPM

- Mental "lookup table" : up to 10 WPM

- Automatic reflexive letter recognition starts at about 13 WPM

- Ability to copy in your head somewhere occurs around 20 WPM

- recognition of whole words instead of individual letters above 30 WPM

Fun Break # 2

How Fast Can You Write?

At some point you will have to put the pencil down and start copying in your head or on a typewriter / keyboard.

Audience participation exercise

Determine your writing speed in WPM.

You will get 60 seconds to write this sentence as many times as you can:

`THE QUICK BROWN FOX JUMPED OVER THE LAZY DOG'S BACK`

Divide total number of letters by 5.

Organizations Dedicated to Promotion, Preservation, and Enjoyment of CW

The International Morse
Preservation Society

CW FISTS CLUB

FISTS Code Buddy

CW Tuesdays

Sprints

Get Your Feet Wet Activity Day

CW Net Listing Project

G3ZQS Memorial Straight Key Contest

fistsna.org

SKCC
Straight Key Century Club

Activities
   Weekend Sprint-A-Thon
   2-Hour Sprints
   Euro-Sprints
   Straight Key Night

Awards
   Centurion
   Tribune
   Senator
   WAS
   Canadian Maple

www.skccgroup.com

CW Fun Events

Originated and Managed by Dick, K2RFP

For each CW Fun Event, you register in advance

You get a unique word list e-mailed to you

QSO Exchange = Signal report, name, and next word in your list

There's an SWL division – Copy Exchanges from Others' QSOs

You submit your log on the CW Fun web page
   (Details on www.cwfun.org)

W2LCW

THE LONG ISLAND CW CLUB

HELPING MAKE CW GREAT AGAIN

WHAT WE DO:

- ✔ hold classes to teach CW via an internet video conference platform at beginner, intermediate and advanced levels

- ✔ conduct live on air QSO training sessions also via video conferencing

- ✔ schedule regular advanced class video conference meetings with a "show and tell" or guest speakers

- ✔ host quarterly business lunch meetings at interesting venues

- ✔ arrange interesting field trips to radio museums and related venues to get members together and out and about

- ✔ operate portable at various locations and to teach CW techniques and DXing skills while operating

W2LCW 'CW Docs' — *We make house calls to help you get on the air using CW!*

http://longislandcwclub.org/

Jean Shepherd spoke fondly about the days when shortwave receivers had "romantic" names like "Sky Buddy"

This is an early Hallicrafter's Model S19 Sky Buddy, Circa 1935

Collectable and Homebrew Keys

Fun Break # 4

Strange CW Keys web site

Homebrew Bug

Banana

Hammer

Rocking Chair

Rolling Pin

https://sites.google.com/site/oh6dccw/strangecwkeys

Suggestions on how to learn code and improve proficiency

Things not to do

Practice Tapes – You will become too familiar with the text

Don't Use Visual Aids, Whatever You Do

Things to do

Listen to W1AW

Use Computer Training Software

Become Active in a CW group like the Long Island CW Club

Get On The Air !

CW practice programs

Just Learn Morse Code (KC2KY Favorite)

G4FON Koch Trainer

Morse Cat

CW Forever

Simulators – Get In Shape for Next Big Contest

Morse Runner Contest Simulator

Pileup Runner DX Pileup Simulator

Morse Decoding Software

FLDigi

CWGet

Note: I do not endorse these as a replacement for good old fashioned copying skill, but they can be helpful for improving your straight-key sending style.

Fun Break # 5

Straight key sending trials

Who's fist is good enough for a computer running FLDIGI to copy

Fun Break # 6 (Time Permitting)

Copying competition

(10, 15, 20, 25, 30, possibly faster)