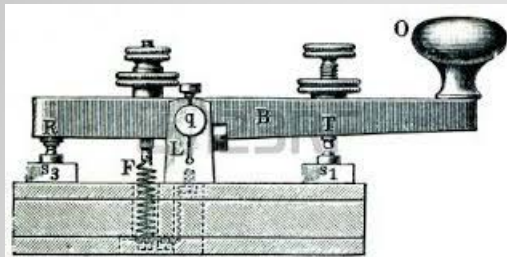


# CW Tutorial Highlights

Carl Sibilski, KB9DKR  
October 15, 2016  
Williamson County ARES  
Tennessee

- 1844 Telegraphy System & Pabst Blue Ribbon Beer
- 1970's Peak CW and PBR is tops
- 1990's Reduced appeal, license issues, etc
- 2000's Resurgence by choice



**Growth and Revival Cycles**

- Ease of making contacts because CW itself is the motivation for conversation
- Impervious to HOA antenna restrictions
- High performance communications from mobile or portable installations



## Relevant Value of CW

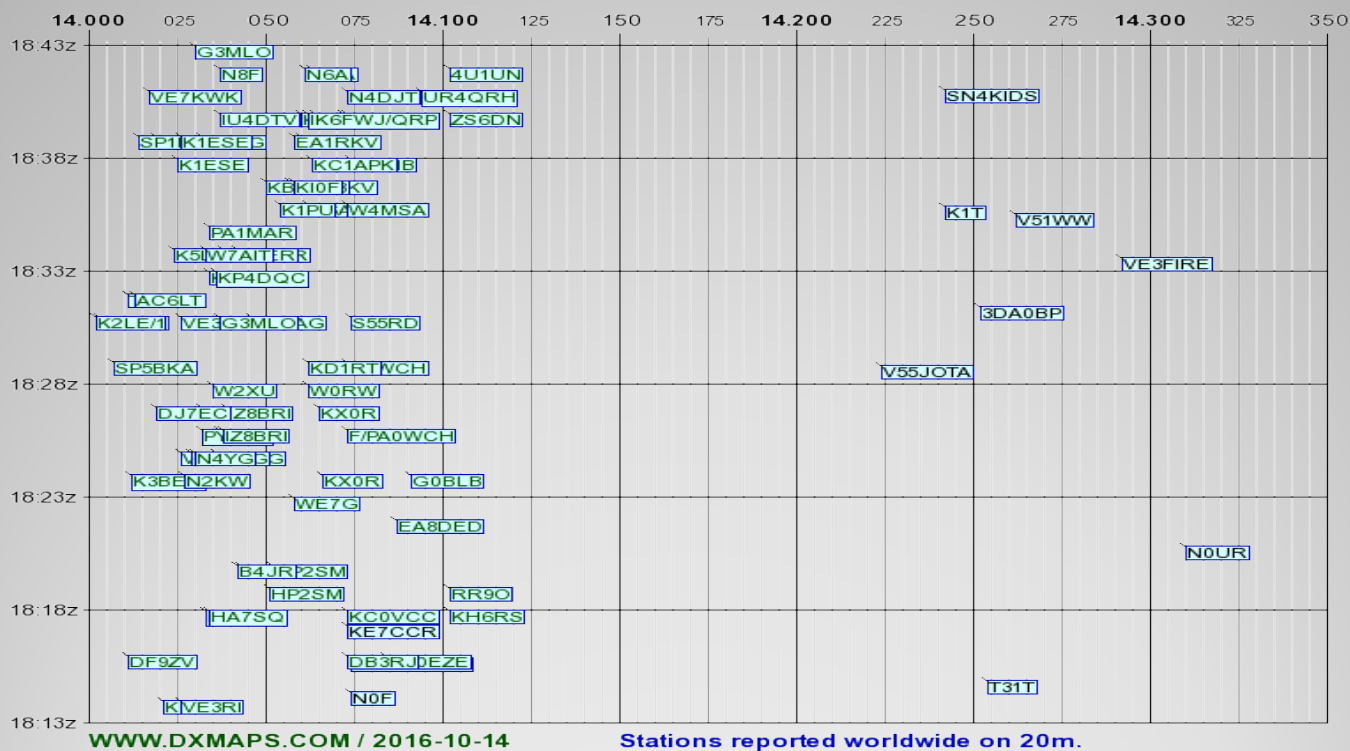


# Mobile Installation

•	de	dx	freq	cq/dx	snr	speed	time
•	VK4CT	KB9DKR	14056.1	CW CQ	10 dB	16 wpm	2220z 12 Sep
•	PJ2A	KB9DKR	14055.9	CW CQ	5 dB	16 wpm	2210z 12 Sep
•	NO1D	KB9DKR	14056	CW CQ	5 dB	16 wpm	2210z 12 Sep
•	VK4CT	KB9DKR	14056.1	CW CQ	9 dB	17 wpm	2210z 12 Sep
•	EA5WU	KB9DKR	14056	CW CQ	14 dB	16 wpm	2210z 12 Sep
•	KP3Z	KB9DKR	14056.1	CW CQ	6 dB	16 wpm	2210z 12 Sep
•	NC7J	KB9DKR	14056	CW CQ	11 dB	17 wpm	2210z 12 Sep
•	VE6AO	KB9DKR	14056.2	CW CQ	10 dB	16 wpm	2210z 12 Sep
•	N6TV	KB9DKR	14056	CW CQ	11 dB	17 wpm	2210z 12 Sep
•	N7TR	KB9DKR	14056	CW CQ	14 dB	16 wpm	2210z 12 Sep
•	K2PO	KB9DKR	14056	CW CQ	23 dB	16 wpm	2210z 12 Sep
•	VE7AB	KB9DKR	14056	CW CQ	8 dB	16 wpm	2210z 12 Sep
•	KM3T	KB9DKR	14056	CW CQ	37 dB	16 wpm	2210z 12 Sep
•	DJ9IE	KB9DKR	14056	CW CQ	12 dB	16 wpm	2210z 12 Sep
•	WA7LNU	KB9DKR	14056	CW CQ	20 dB	16 wpm	2210z 12 Sep
•	W3UA	KB9DKR	14056	CW CQ	26 dB	16 wpm	2209z 12 Sep
•	F5RRS	KB9DKR	14056.2	CW CQ	8 dB	16 wpm	2209z 12 Sep
•	WB6BEE	KB9DKR	14056	CW CQ	13 dB	16 wpm	2209z 12 Sep

# Global Signal Report / Mobile

- Typical DX Spots on 20 meters (note the CW and SSB frequencies)



**CW is a Popular DX Mode**



- W1AW Transmission schedules and MP3 practice files
- Q – Signals
- Pro-signs
- Abbreviations
- RST System
- Popular Frequencies
- Sample Exchanges



## CW Tutorial Topics for Week 1

- Bring your radio!
- Zero Beat Tuning
- Features: QSK, RIT, Filters, Pitch, Keyer
- How to crossover CW with a SSB station
- Reverse Beacon System
- Group role play: Field Day Exchanges



## CW Tutorial Topics for Week 2



- Signal procedures for emergency traffic
- Mentorship for first-time on-air QSOs



## CW Tutorial Topics for Week 3

- 22 WCARES members participated
- Next training step: W1AW Qualifying Run
- Followed by: contest mentorship, local practice nets, QRP skills and more
- And of course . . . FIELD DAY!



**Success and Growth**