



Hey Everyone, it's time for Puzzle Talk - the geocaching puzzle podcast brought to you by the Geocache Talk Network.

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Here are your hosts, Charles Watkins and Tom Brotherman! Good Evening, gentleman!

NEWS

Puzzle talk merch is available in the geocache talk store. Go to www.geocachetalk.com and click on the store tab at the top, or you can go directly to the store at: <https://chromiaprnt.com/collections/geocaching>

TONIGHT'S TOOLS

- A modern telephone
- An old telephone operator
- <https://www.phonespell.org/>
- dCode - [Solvers, Ciphers, Calculators, Decoders, Online](#)

PREVIOUS TOOLS

- <http://tools.cachetheline.net/>
- <https://omniglot.com/conscripts/puzzlecode.htm>
- https://en.wikipedia.org/wiki/List_of_languages_by_writing_system
- <https://sites.google.com/site/worldfactsinc/Non-Latin-Script-Languages-Of-The-World>

NOTES -

- SMS Texting (Multitap)
 - <https://www.dcode.fr/multitap-abc-cipher>
 - THANK YOU FOR YOUR SUPPORT - 8 44 2 66 55 0 999 666 88 0 333 666 777 0 999 666 88 777 0 7777 88 7 7 666 777 8
 - A = 2, B = 22, C = 222, Space = 0
 - Pretty easy to decode. There are websites to do this for you.
- T-9 or Predictive Text
 - <https://www.dcode.fr/t9-cipher>
 - THANK YOU FOR YOUR SUPPORT - 84265096803670968707877678
 - 2 could be A, B or C. Space = 0
 - A lot more difficult to decode by hand. There are websites to give the possibilities.
- Telephone Exchanges
 - https://en.wikipedia.org/wiki/Telephone_exchange_names
 - <http://historysdumpster.blogspot.com/2013/01/classic-telephone-exchanges.html>
 -
 - Replaces the first two or three digits of a phone number with letters which are associated with a name.
 - PEnnsylvania 6-5000
 - Name of a song recorded by Glenn Miller and his orchestra on April 28, 1940 in New York
 - Phone number to the Hotel Pennsylvania (212) **736**-5000.
 - Claims it to be the oldest continuing telephone number in New York City.
 - As of 2020, callers to 212-736-5000 are greeted with the hotel's phone system recorded greeting that includes a portion of the song.
 - In print, such as on business cards or in advertisements, the full central office name was often shown only by the two letters:
 - TEmpleton 1-6400 would appear as TE 1-6400
 - There was a set of recommended names created in 1955 by AT&T
- Dual Tone Multi Frequency (DTMF)
 - https://en.wikipedia.org/wiki/Dual-tone_multi-frequency_signaling

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- A DTMF code for dual-tone multi-frequency, is the name given to a combination of sound frequencies (beep) emitted by the keys of a telephone keypad. They are used by voice servers and for dialing numbers.
- Good for hiding numbers

- The Chart

	1209 Hz	1336 Hz	1477 Hz	1633 Hz
697 Hz	1	2	3	A
770 Hz	4	5	6	B
852 Hz	7	8	9	C
941 Hz	*	0	#	D

- 2468 would be encoded as 1336-697 1209-770 1477-770 1336-852
- All of these should be used with a cache container hidden in a phone booth or in a telephone.
- Using Google Voice to provide clues
 - Signup is free
 - <https://voice.google.com/u/0/signup>
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- https://www.geocaching.com/geocache/GC7HMA5_the-big-red-english-box
- <https://coord.info/GC32A0H>
- <https://coord.info/GC7B77W>
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