Internet Teletype - ITTY

ITTY uses the same AFSK (audio frequency shift keying) technology that RTTY uses except that the audio is streamed over the internet instead of amateur radio bands. This requires a computer to receive the ITTY stream and something (usually a TU, or terminal unit) to demodulate and decode the audio tones and relay the signal to your teletype's current loop, RS232, or whatever interface.

ITTY Station in Arvada, Colorado

The first and only "official" ITTY station is currently set up in the Rocky Mountains of Colorado. It is run by Paul Heller, W2TTY, with assistance from Tom Tillson, WB2TTY (originally run by George Hutchinson, W7TTY, up until 2017). More information at rtty.com. There are currently four streams available:

Stream Name	URL	Baud /WPM Rate	Bit Length
ITTY Main - constant relay of messages submitted by users	http://internet-tty.net:8000 /ITTY	45 baud / 60 WPM	5
ITTY Autostart - periodic messages submitted by users-- also includes GreenKeys mailing list messages	http://internet-tty.net:8030 /AUTOSTART	45 baud / 60 WPM	5
ITTY Greenwich - constant channel like above but specific to Europe both in submissions and baud rate	http://internet-tty.net:8040 /EUROPE	50 baud / 66 WPM	5
ITTY 100 - constant relay of messages submitted by users like the Main stream but at 100 WPM; content sounds like it will be subject to change	http://internet-tty.net:8010 /ITTY100	75 baud/100 WPM	5

Teletype.net/Nerdology.org

This is a very new setup by yours truly. Its purpose is not at all to replace or compete with the "official" ITTY but to provide just another source of data to print. Instead of a channel constantly providing data, at this time there are only periodic, scheduled broadcasts for specific purposes. They are usually associated with holidays or are actual live broadcasts written in realtime from one of my machines. Often a video stream of a machine printing out the broadcast will be posted as well as an audio stream. At this time, broadcasts are only done at 45.45 baud, though I may run a second stream for higher baud machines if there is demand for this.

Each upcoming scheduled broadcast will be listed here with a link to the streaming URLs. After the broadcast, the recorded streams and raw textfiles will be posted here as well.

Date	Stream Name	Length (full)	Audio (full)	Length (no test)	Audio (no test)	Textfile	Video
2020-12-23 /24/25	Santa Tracker 2020	TBD	http://tty.nerdology.org:8000 /santatrack				
2020-10-31	Halloween 2020 - I Am Legend	07:32:27	I Am Legend FULL	03:32:11	I Am Legend NOTEST	iamlegend.zip	
2019-12-23 /24/25	Santa Tracker 2019	37:23:17	2019 Santa Tracker FULL			santatracker.zip	
2019-10-31	Halloween 2019 - The War of the Worlds	03:46:51	2019 War of the Worlds FULL			waroftheworlds_2019.zip	
2018-06-08	RTTY Live Broadcast Test	00:01:35	Same as video				https://youtu.be /dNjVA9ilpf8
2018-05-12	RTTY Live Broadcast Test	00:06:25	Same as video				https://youtu.be /wF93aENy3UI