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Beth Gylys Worm Sheets
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BETH GYLYS WORM SHEETS February 08, 2024

Gary Fine has been well aware for more than 20 years that there are living, breathing, thinking human beings in prison. That's why he initiated Prisoner Express. Prisoners need a platform for our meaningful words to be expressed. Thanks, Gary! Cornell gives Gary sufficient student power to run several programs. Gary also has a corkboard in the hall outside PE. From time to time Gary will, like Martin Luther with his 95 Theses, thumbtack things to the corkboard that illuminate how prisoners do live, what we do breathe out from our interiors of our entities, and the things we think such as applied physics. I'm KD5 CHN, a ham radio operator licensed by the Federal Communications Commission. I'll often include some high school level Science, Technology, Engineering and Mathematics (those STEM subjects) in my rants.

The only feasible way you can contact me is by the Securus Corporation's E-mail system. You have to register at the Securus website. Once registered, my JP-6 tablet computer will display your "Beth Gylys" name on my Contacts List. No other data shows to me. You need not be a living, breathing, thinking human being to register. Securus allowed the Beth Gylys Worm to register itself upon my Contacts List. My word "Worm" means "a computer program that spreads itself throughout the Securus brand Local Access Network". The Beth Gylys Worm appears to have been spyware that monitored my JP-6 tablet computer's activity. The Beth Gylys Worm was deleted from my Contact's List. Likewise, Reader, if you do elect to register yourself on my Contacts List then send an introductory E-mail so you won't be de-Wormed.

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Prisoner Express has printed more than 60 products in its Word Cue Theme along with its Photo Theme program. Cornell students have begun to impose Diversity, Equality, and Inclusion (DEI) standards upon my PE contributions. This following tale comes from GATES OF VIENNA newfeed, January 24, 2024 Wednesday.

TOP CORNELL UNIVERSITY DONOR PULLS FUNDING OVER PRESIDENT'S "TOXIC" DEI CULTURE. One of Cornell University's top donors has demanded the resignation of the school president over her "toxic" radical agenda. Jon A. Lindseth has warned he will no longer contribute to the prestigious college if it continues to promote far-left Marxist-rooted Diversity, Equality, and Inclusion (DEI) initiatives. Lindseth, who has been one of the school's largest donors for several decades, blames "shameful" President Martha E. Pollak for Cornell's "DEI Groupthink" and is demanding her resignation.

Reader, is this story 100% true? Is it 100% untrue? Is it partly true but partly untrue? The truth is that Prisoner Express News, from Winter 2020 on page 01 quoted Gary: "Our mission is to provide incarcerated men and women with information, education, and opportunities for creative self-expression in a public forum." PE fulfills its mission with gusto. Thanks, Gary! Page 27 quotes second-year student volunteer Caitlin: "We also will not feature anything that contains information that we deem to be sensitive." Caitlin enforced that with vigor. Nothing of mine made print in 2020 or 2021 due to Caitlin.

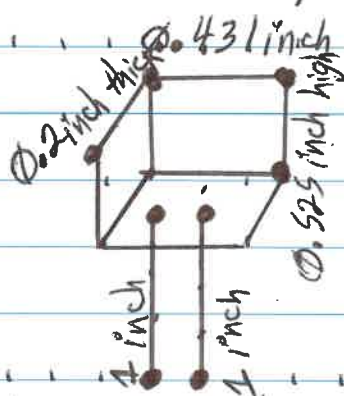
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As of this February 08, 2024 Thursday, no products have been mailed to PE this year. Creating then composing an essay requires dozens of hours. The creative self-expression of me, a prisoner who's served 23 consecutive years, is likely to contain information that an 18-year-old Cornell student would deem to be sensitive. What use is my considerable effort to participate in PE programs? We shall see.

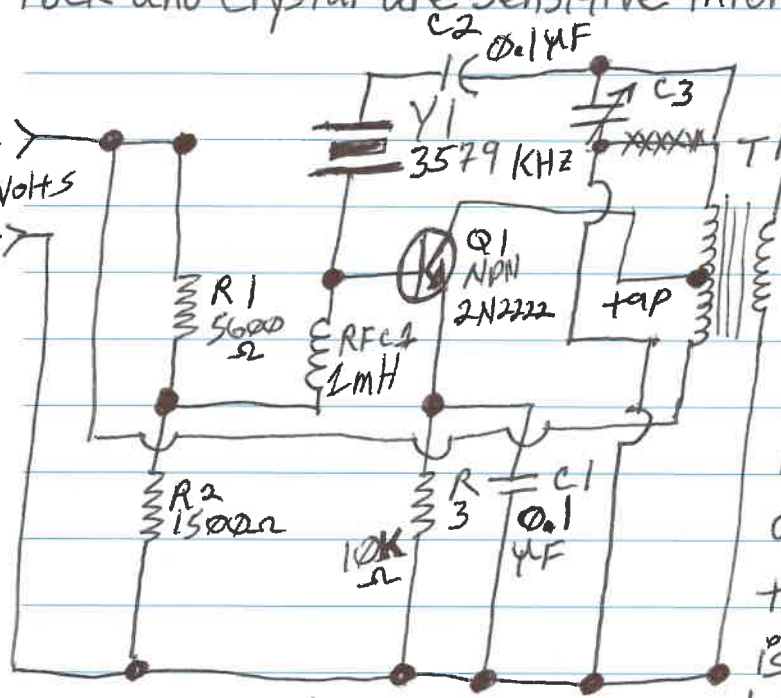
Reader, what are your criteria for the PE Journal Project? My understanding is that the Journal Project accepts sensitive information, that the Journal Project photocopies my legal pad pages of handwriting, then that PE makes these "Beth Gylys Worm Sheets" available on that public forum we call the World Wide Web (as if it were a galactic spider?) also called the Internet. Let me switch to cursive for a sentence. Prisoner Express Journal Project has my permission to print and distribute this "Beth Gylys Worm Sheets" journal by any analog or digital method. Matthew Tomlinson KD5CHN. There we go. If the PE Journal Project needs something better, then let me know. The invitation to register with Securus to be added to my Contacts List applies to you, Reader, no matter where or who or when you are. But take heed that I'm 63 years old. Time isn't infinite.

PE did print my story "LESSONS FROM THE JACKASS CAGE, PART TWO: FIENDING FOR DAT CRYSTAL" for the April 2023 Word Cue of "Challenged". That story was built in four segments. Part One in March, Part Two in April, Part Three in May, then the final Part Four in July were submitted. All are known to have made print except for the Part Three in May. Gary gave me a blessing for Part ~~Two~~ ^{Two} by printing my skaff (sketch + graph = skaph = neologism skaff) of a 49 cents crystal. My story had great fun confusing readers into
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believing it was about that "crystal", that crystal meth, or that "rock", that cocaine. Common quartz rock will vibrate when electricity is applied. Engineers shave that common quartz rock into scientifically sized crystals. They shape those quartz crystals to vibrate at, for the example in the story, exactly 3.579 Million Hertz = 3579 Thousand Hertz, same thing either way we say it. We use metrics so we say 3.579 Megahertz = 3579 Kilohertz, same thing. Engineers put that 3579 KHZ crystal into a plastic box 0.525 inch high, 0.431 inch wide, and 0.200 inch thick as skaffed at left. A crystal has two wires called leads (they "lead" electricity to the crystal) sticking out from the bottom. Skaff is only approximate scale. Hams call a crystal a "rock". The only purpose this 49 cent crystal serves is to produce a radio frequency of exactly 3579 KHZ, in this case.



Prisoner Express almost refused to print that story. References to rock and crystal are sensitive information. They did print it, though.



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At left is a skaff of a schematic diagram from the book BASIC RADIO ~ UNDERSTANDING THE KEY BUILDING BLOCKS by Joel R. Hallas W1ZR. This is from page 12-3 of the book. It's a crystal controlled Morse code transmitter. The crystal skaffed above is the Y1 part in the schematic at left. Joel diagrammed this one funny.

But it shows you where that crystal goes. My thought is that KD5CHN might place the Morse code key after the T1 transformer yet before the antenna. That

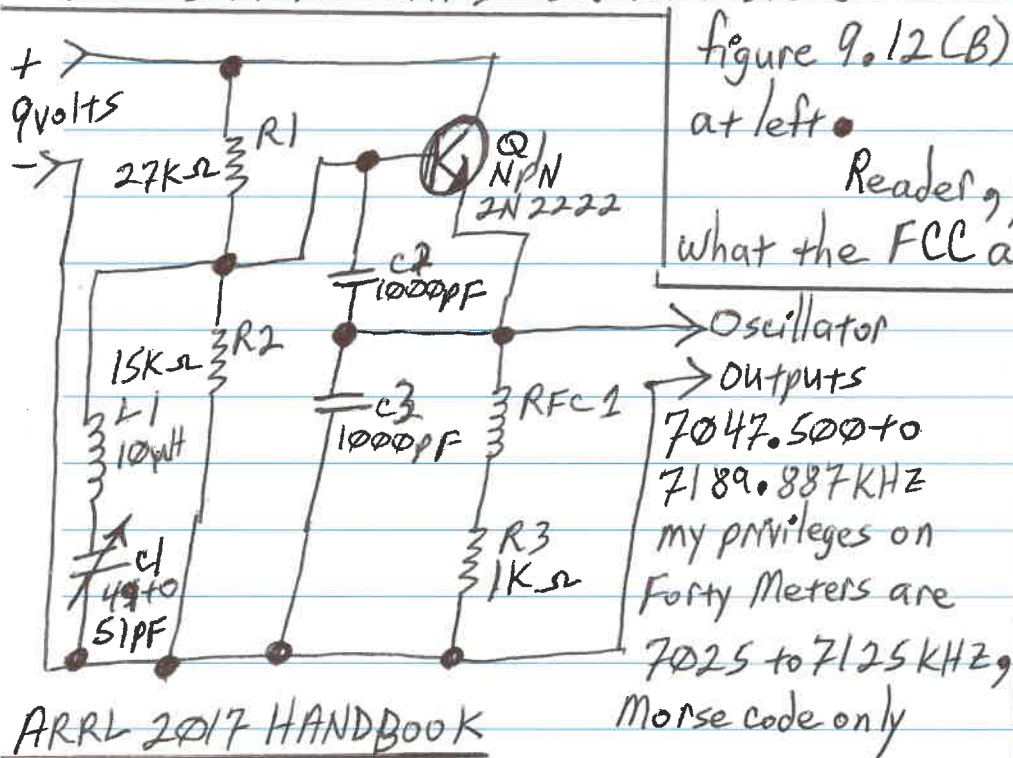
Resistors	Transistors	Capacitors	C3 Variable
$R1 = 5600\Omega$	$Q1 = \text{NPN}$	$C1 = 0.1 \text{ microfarad}$	capacitor is one
$R2 = 1500\Omega$	2N2222A	$C2 = 0.1 \text{ microfarad}$	part KD5CHN
$R3 = 10K\Omega$		$C3 = 100pF$	might delete, for
Radio Frequency Choke =	Transformer		it's merely to "pull"
$RFC1 = 1 \text{ millihenry}$	T1		the crystal frequency
			down slightly. It

might pull the 3579 KHZ down as far as maybe 3576 KHZ, maybe. The difference is insignificant. KD5CHN might delete the R3 resistor with the C1 capacitor, because those are an unnecessary Degenerative Feedback circuit.

How would any portion of that expertise meet DEI standards? Oh well. Nothing lasts forever. My avocation with PE Word Cue & Photo Theme began with my January 2013 contribution. If it is terminated after its 11 year run, then I'm thankful for the memories. Thanks, Gary.

Reader, maybe you looked over my four stories "LESSONS FROM THE JACKASS CAGE". They are true. KD5CHN truly did make the Elsie Basura oscillator described. Each year the authoritative American Radio Relay League from Newington, Connecticut (suburb of Hartford) publishes its ARRL HANDBOOK. Those 1200 or so pages are, as its subtitle says, "The Comprehensive R. F. Engineering Reference". R. F. means radio frequencies. My copy of the Handbook is the 2017 edition. My story described my
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Elsie Basura oscillator. "Basura" is Spanish for "trash". The radio was made from trash: portions of Dr. Pepper cans, an empty toilet paper roll, and wire from a fan cord. It's called an Elsie = LC oscillator because it's a coil of wire to make an inductor (symbol: L) with two pieces of ~~paper~~ Dr. Pepper can separated by a sheet of paper to make a capacitor (symbol: C). ARRL 2017 Handbook on its page 9.10 figure 9.11 (B) shows the Series-Tuned Colpitts type of LC Oscillator that I used for Elsie Basura. On its page 9.11



ARRL 2017 HANDBOOK
page 9.11 figure 9.12 (B)

figure 9.12 (B) is the Elsie oscillator at left.

Reader, you have to understand what the FCC allows me to do ~~and~~ where the FCC will let me do it. KD5CHN is given privileges to send Morse code in the Eighty Meters band from 3525 to 3600 Kilohertz. I pick whatever frequency I like, such as 3579 Kilohertz. Then I can send and receive

Morse code messages on 3579 KHz, for example. KD5CHN also is given privileges to send Morse code in the Forty Meters band from 7025 to 7125 Kilohertz. Same thing. I pick whatever frequency I like, such as 7048 Kilohertz. Then I can send and receive Morse code messages.

Next time I make a journal entry then I'll likely rant more about ham radio.

END