

## Young Tyros Newsletter February, 2025

Editor - LIONEL - cryptolion@aol.com

Staff - ARDUINNA, MSCREP, PARROT

Cipher Constructions LIONEL

One of the best ways to become proficient in the cipher solving technique is to become proficient in the cipher construction process. One becomes well aware of the subtleties of the cipher construction format along with the means of uncovering the cipher type solution which stands before us.

There is no question that the computer programming solvers had to first learn the formations upon which each cipher was built. We provide a huge disservice to solver neophytes by providing automatic solving devices which prevent the learning and proficiency of future solving cryptanalysts.

We also present a huge disservice upon Young Tyros of any age by providing automatic enciphering aids to provide the supplying of constructions to our Cryptogram Cm. The providing of such an automatic enciphering program denies beginning solvers the opportunity to learn how a cipher construction is built and put together.

We believe that our Cm Solvers list has numbered less and less solvers through the years due to eliminating one of our most educational solving learning techniques of pencil and papering enciphering with the provision of the automatic enciphering program. The proficient solvers amongst us, including the computer programming analysts, have all begun the cipher solving learning process through a pencil and paper solving approach which has allowed the understanding of how a cipher is constructed.

Take the opportunity to pencil and paper your Cm construction contributions to become aware of the make-up of each cipher construction and provide the "A-Ha!" effect of untangling the ciphertext before us.

JF25 CM A-23 Aristocrat, Three pangrams. A pangram is a sentence which uses every letter of the alphabet at least once. Three sentences will include three of the letters "qu." Look for three reoccurring ciphertext letters.

## The Tyro Tutorial

This is available at our ACA web site under Resources. It describes the pencil and paper solution process to some thirty different cipher types, a comprehensive listing of Null Variables by BION and the use of Google as a solving tool.

## ZANAC's Gimme a Break – JF Aristocrats (may be digraphs / trigraphs)

A-1, there, A-2, you (2), A-3, fifth, A-4, that, A-5, the (3), A-6, ever, A-7, we (3), A-8, the (2), A-9, you (3), A-10, that, A-11, that (2), A-12, you (2), A-13, people (2), A-14, first (2), A-15, the (3), A-16, ing (2), A-17, s (6), A-18, the (2), A-20, the (2), A-21, she (2), A-22, into, A-23, my (2), A-24, XMBIT = entry, A-25, AWQ = min.

## ZANAC's Gimme a Break - JF Patristocrats (may be digraphs / trigraphs)

P-1, out (2), P-2, the (4), P-3, the (4), P-4, the (4), P-5, cath (3), P-6, that, P-7, that, P-8, the (3), P-9, the (4), P-10, the (5), P-11, its (2), P-12, FBOA = like, P-Sp-1, that had, P alliteration, P-Sp-2, Begins, Minx.

```
ND. A-24. Coastal City. K4. Proper noun, "Carthage"
                                                                                                  BION
ND. P-11. Lots of Christmas. K3. (DOMN) Christmas movies on TV.
                                                                                               SHMOO
ND. X-2. German Aristocrat. Do it anyway. K2. (English key) (stuecke) Plaintext begins, "Selbst"
                                                                                             PELKABO
ND. X-6. Danish Aristocrat. About life. K1. (26 alph, *QWZ) (sondag) Second plaintext word, "vil"
                                                                                                 GGMA
ND. E-8. Nicodemus. Billions. (YHNCLYJFUHYH) MSCREP: Period Seven, Key begins VIR-)
                                                                                                  BION
ND. E-10. Fractionated Morse. Subtle difference. Begins with familiar three letter trigraph.
                                                                                        AILUROPHILE
ND. E-16. Playfair. Unlucky name choice. (-rdam was named for) MSCREP: Begins "New"
                                                                                               SHMOO
ND. E-18. Quag. I. Cashpoint. Ext. crib "there is cash available" Begins with common 3 letter. trigraph. THE DOC
ND. E-22. Bazeries. Happy holidays. (QUM JLUWNCWUF) Plaintext begins, "Christmas"
                                                                                          CONFUCCO
ND. E-23. Condi. Fatal weakness. (would run over) MSCREP: First word, "American"
                                                                                       TSIOLKOVSKY
ND. E-25. Digrafid. Closing the "mine shift gap". PARROT: Crib placement below.
                                                                                            SCORPIUS
UAFPOOEOHE DAACOTUIEH OSCEBNNRNV CTEPERBEOT RFFTBBPONS TSC#CRLLEA OQIQ#UURNR MHCTUADIFF.
                                                  ionofessen tialfuncti
                          ntheexecut
ND. C-8. Equations. (Three words, 0-9) O = 7, Y = 5, L = 8
                                                                                                  APEX
DX
ND. C-11. Multiplication. (One word, 9-0) D = 9, L = 4, M = 1
                                                                                               LIONEL
ND. C-12. Undecimal Division. (Two words, 0-A) K = 3, U = 6, E = 9
                                                                                                GGMA
ND. C-14. Base 13 Division. (Three words, 0-1) M = 0, B = 9, F = 3
                                                                                          LI'L GAMIN
ND. C-Sp-2. Addition. (No word, 1-0) S - 1, A = 6, N - 9
                                                                                       WORD WIZARD
ND. AC-1388. Numbered Key. Not well Known. PARROT: Added crib: "the more obscure elements are"
                                                                                                  BION
JF. JF-3. Patristocrat. K@. Fastest ever. (three) Begins, "Just"
                                                                                             PELKABO
JF. JF-6. Null. 1967 When is that exactly? (get) Begins, "By"
                                                                                             PELKABO
JF. JF-8. Equations. (3 words, 0-9) V = 0, Z = 4, J = 7
                                                                                             BECASSE
JF. JF-9. Keyphrase. What's for dinner? (residents) SOTBTSOYUHY = chimichanga
                                                                                            PELKABO
JF. JF-12. Fractionated Morse. Industry's origins. (Spanish) Crib at position2-55-9. Begins, "Wine" PELKABO
JF. A-25. Mighty mite. KE (87) Plaintext begins, "Minuscule"
                                                                                         LE CRAPAUD
JF. P-Sp-2. Failure. K$. (VOMN) PARROT: Plaintext begins, "Minx flirts"
                                                                                              THE RAT
JF. X-4. Italian. K@. Divergences. (trova) PARROT: Crib placed at ciphertext LOMBJ.
                                                                                                SILCO
JF. X-7. ???? Famous quote. (English key) Portuguese. Ends, "Shakespeare"
                                                                                               SHMOO
JF. E-1. Complete Columnar. Oops. (LCABN) Plaintext begins, "What"
                                                                                          CONFUOCO
JF. E-2. Vigenere. Movie location. (LUHXIGZULGCH) Period Nine, begins, "The"
                                                                                               SHMOO
JF.E-3. Baconian. Makes cents. (good but) Plaintext start. "Change"
                                                                                              APEX DX
JF. E-4. Null. Pseudo-noms. (GYGVYLM) PARROT: Begins, "Still"
                                                                                          EDNASANDE
JF. E-9. Nihilist Transposition. (LYGYGVYL) Ends, "Twain"
                                                                                               SHMOO
JF. E-13. Key Phrase. Espresso brew. (coffee) Plaintext begins, "Uncle"
                                                                                               LIONEL
JF. E-16. Redefence. Tongue twister. (VSUHCG_) Plaintext begins, "Imagine"
                                                                                             THE DOC
JF. E-20. Bifid. Blissfulness. (Ends: George Burns) Plaintext begins, "Happiness"
                                                                                               LIONEL
JF. C-2. Square Root (No word, 1-0) G = 1, N = 5, E = 9
                                                                                                 ARIES
JF. C-3. Division. (Two words, 0-9) L = 3, N = 6, A = 8
                                                                                              TOMMY
JF. C-5. Division. (Tw0 words, 1-0) R = 3, G = 5, V = 8
                                                                                        FUNEREALLY
```

**JF. C-9. Subtraction. (Three words, 1-0)** L = 1, C = 6, U = 9

Sunny Ciphering, LIONEL

**APEX DX**