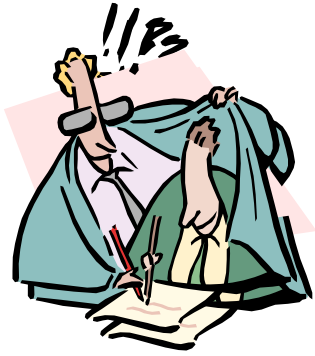


Young Tyros Newsletter

December 2012

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Mathematical Logs Only, Decree for Santa's Fireplace Entry *COPST - Contribution of Personal Solving Technique

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APEX DX

The JA A-16 Aristocrat proved initially tough but yielded to an instructive “pattern word” variation. The ciphertext ending *BEVUJTFU *H *IGUZA strongly suggests a given name. An extended hunt of seeking out the eight letter patterned first name in my special ledger of potentially useful words produced the first name and subsequently allowed placement of sufficient plaintext letters to provide a solution. (Editor’s Note: Pattern word list at <http://www.design215.com/toolbox/wordpattern.php> provides but one name fit in its 12345674 pattern list.)

Free Code and Cipher Books

Publications in our Young Tyro Library, available to new Young Tyro members, free of charge. Send LIONEL, name, address, age and three Nom choices of the new member. You may select a book, or we will pick one suitable for age. Members under twelve years of age will receive the bimonthly Junior Newsletter edition with cipher solving prize opportunities; twelve years and older will receive this Newsletter and its referenced constructions, upon request.

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| <i>Cryptanalysis</i> – Helen Gaines | <i>Crypto & Spygrams</i> – Gleason | <i>Codes, Secret Writing</i> – Gardner |
| <i>Cryptography</i> – Dwight Smith | <i>Find Out about Secret Codes</i> – Beal | <i>Fun with Secret Writing</i> - Lamb |
| <i>Invitation to Cryptograms</i> –Williams | <i>Mad Scientists Club</i> – Brinley | <i>Mysterious Messages</i> – Blackwood |
| <i>Secret Agent Activity Book</i> – Elder | <i>Secret Code Kit</i> – Slinky, Inc. | <i>Secret Codes & Ciphers</i> – Kohn |
| <i>Seizing the Enigma</i> – David Kahn | <i>Spy in old Philadelphia</i> – Anne Emery | <i>Top Secret</i> – Paul Janeczko |

Gimme a Break – SO Aristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

A-1, the (2), A-2, that (2), the (2), A-3, that (2), the, A-4, that (2), A-5, the (3), A-6, not (3), that, the, A-7, the, you (2), A-8, is a, A-9, my (2), the, A-10, little, A-11, the (2), A-12, the, you (2), A-13, *Rome, A-14, always (2), A-15, into, it is, th (2), A-16, wood, A-17, th (3), the, A-18, it, the, A-19, *Russian, A-20, and, are, A-21, her (3), A-22, around, A-23, e (8), A-24, bats, lynx, stag, wolf, A-25, at, logs, to.

Gimme a Break - SO Patristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

P-1, the (2), P-2, greed, the,, you (2), P-3, the (3), P-4, it (3), P-5, that, the (2), P-6, th (3), the, to (2), P-7, the (3), P-8, no (3), P-9,ess (2), the, P-10, all, the(2), P-11, you (2), P-12, debt (2), P-Sp-1, it (4), to (2), P-Sp-2, LGVM = over.

SO A-25. Pick-up-sticks. K3. (81) Pick-up-sticks relates to river log jam analogy. **OZ**

SO P-12. Generous to a fault. K4. (101/20) (JUS) Pontificating upon liberals and debt. **G-MAN**

SO X-7. ??? K2. Inquiring mind. (112) (English key) ALTIOGQKVP = verstandig **G-MAN**

SO X-10. Latin Complete Columnar. Photon theory, First Century BC. **BION**

Devious constructor has penned a Complete Columnar Construction which will fit Periods 5, 6, 8, 10 and 12 for openers. Try Period 8 with columns 8 and 2 leading the solving matrix beginning.

SO E-1. Complete Columnar Transposition. Period Seven with columns one and five start. **DOPPELSCHACH**

SO E-8. Pollux. Pleasingly plump? (submissive) **APEX DX**

This Morse Code driven cipher has four separators – 0, 1, 4 and 7.

SO E-9. Baconian. Wartime censor anecdote. (or) **ANGO-KA**

Do not let the short crib lead you to dismay. The crib will fit in only one place, near the end of the construction.

SO E-12. Quagmire I. Not only a statesman. Third President of the United States. **BION**

SO E-15. Foursquare. Bison. (most flamboyant f) **COLD DUCK**

Break crib as follows - m os **tf** la mb oy an **tf** - only one ciphertext location fit with digraphs five apart (AC).

SO C-14. Base 13 Multiplication. (Two words, 1-0.) **THE DOC**

First word is eight letters in length, beginning with “C” and ending with “R.”

SO C-Sp-1. Logarithms. (No word, 0-9) **MARSHEN**

Webster defines a logarithm as the exponent (power) to the base that a specific number must be raised to produce a given number. This construction is stating that the Log of digit “GO” = “T” and will produce the number FLING. We need only to run through double digit numbers representing “GO” to determine what power will produce the number FLING. Keep in mind that the last digit of FLING (G) and the first digit in “GO” (G) must be the same number. Try “GO” as 12 and 13 to the fourth power to determine what generates like values for “G.” Continue this process analysis for the problem’s second equation.

SO C-Sp-2. Addition. (Two words, 1-0.) **APEX DX**

First word is seven letters long, beginning with “C” and ending with “E.”

SO AC-1023. ??? Mystic chants. (124) (FSI) **LIONEL**

Here’s an opportunity to solve an Analyst Corner cipher very familiar to you. It’s a Patristocrat.

ND X-10 French Railfence. Grin. (est-2) Four rails, no offsets. **RIG R. MORTIS**

ND E-2 Ragbaby. Tree dwellers. (of south) Continent and countries are proper nouns. **GGMA**

ND E-5 Gronsfeld – Period Seven, OZ **ND E-6 Beaufort – Period Eight** **THE RAT**

ND E-7 Amsco. Snopes.com says 40-50 feet. (YUWB) Period Five begins “The....” **COLD DUCK**

ND E-8. Route Transposition. Prediction. (would) UL, Zig Zag diagonal in, UR, Reverse spiral out. **BION**

ND E-10. Monome-dinome. Goodfellow’s conceit. (reason) Side digits, 0, 7. Crib position, 18. **TSIOLKOVSKY**

ND C-13. Base 15 4th root. 1st word, 7 letters begins with C, ends with Y. 2nd word begins S ends K. **OBOO**

Sunny Cipherring, LIONEL

cc: ACA Executive Board