



Young Tyros Newsletter

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Editor – LIONEL@cryptogram.org

Staff – APEX DX ARDUINNA MSCREP

Where's the center point in this reverse spiral?

COPST - Contribution of Personal Solving Techniques

October Newsletter Errata: SO X-9. Lyrics from Veracruz by Warren Zevon. **Correction by BOBTMSJ**
Period Seven Spanish Complete Col. should begin "Aquel" Correction was made to original newsletter website entry.

COPST – MA AC-1161 Quagmire IV Period Determination

FIZEKS GUY

On AC-1161, use the Index of Coincidence to determine the period. One place the software is available on the web is bionsgadgets.appspot.com. On that page in the "Cipher analysis" section, select "Periodic IC". Paste the cipher text into the Cipher block. The text states that for a Quagmire IV cipher of ciphertext letter length 557, ACA Guidelines suggest a period between 18 and 22. Enter the "Max period to use: of 25. Hit "Calculate". In the Results, look for the period with highest score (for periods of 15 to 25). It is very prominent.

More COPST – Entering **certainties in red**.

RISHU

The practice of entering **certainties in red**, such as cribs, letters in keyword alphabets obtained through cribs, gleaned plaintext from Google or known text, on your solving worksheets cannot be emphasized strongly enough and is a most positive practice in helping to generate additional cipher plaintext.

SO. E-15. Route Transposition. Happy critters. ENIGMATIQUE.

MSCREP SOLVING ANALYSIS

Write the cipher text into a 6 x 6 square by spiral outwards from the center in a clockwise direction. Note that because the square is a 6 x 6, there are actually 4 squares that share the center point. Start the spiral in the upper left hand center square and the path will end in the lower left hand corner. A good probable word is Physics.

Practical Cryptanalysis – By B. NATURAL - Cryptographic ABC's and Bifid Cipher by ZEMBIE – Free.

Tyro Tutorial Free E-Mail Offer.

LIONEL

Tyro Tutorial (148 pages) by LIONEL, fundamental cipher solving processes of some thirty different cipher types.

Free Code and Cipher Books –Place an order. The mailing is also free.

Bi-literal Cypher of Francis Bacon – Gallup *Codes, Secret Writing* – Zim *Games to Go* – Gladstone
Glossary of Cryptography – Shulman *Invitation to Cryptograms* – Williams *Problem Solving* – R. MASTERSON
Secret Codes & Ciphers – Kohn *Top Secret* – Janeczko *Xenocrypt Handbook* - PHOENIX

ZANAC's Gimme a Break – ND Aristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

A-1, it (2), A-2, you (3), A-3, you (2), A-4, be (2), A-5, the (2) A-6, that, the, A-7, was (2), A-8, the (2), A-9, the (2), A-10, and (2), A-11, you (3), A-12, the (2), A-13, the (3), A-14, you (2), A-15, an (2), A-16, ing (2), A-17, ing (2), A-18, the (5), A-19, It is, A-20, es (2), A-21, a (11), A-22, e (12), A-23, ion (2), A-24, in (5), A-25, to (2).

ZANAC's Gimme a Break - ND Patristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

P-1, that, the (2), P-2, that, the (4), P-3, DVG CYR=parody, P-4, that, the, P-5, you (2), P-6, E=p, P-7, that, the (3), P-8, XWUT=bank, P-9, ing (3), P-10, ing (2), P-11, that, the (2), P-12, which (2), P-Sp-1, BPQGM=white , P-Sp-2, ANVY=with.

SO-3. ???? Triplet from a Trilogy. MSCREP - Gromark with crib “do not love” in position 2. **FUNERALLY**

SO. A-21. Old west fauna? K2. (94) Mythical rabbit. **TSIOLKOVSKY**

SO. P-Sp-1. Shonda Rhimes. K3. (99/19) (BIGY) Additional crib “the – 2.” **BARK**

SO. X-3. Afrikaans. K1. Icy cold. (yhotel) (100) **DONSIE**

Crib appears to fit in two places but **K1 Keyword Alphabet** will indicate proper fit.

SO. X-7. ???? K2. A better world. (100) MSCREP crib: “problemen” **CONFUOCO**

SO. X-8. Catalan Patristocrat. K2. MSCREP extended crib at position 58: “miracles l’altra” **URKULU**

SO. X-Sp-1. French Numbered Key. Unseen forces. (English key) **BION**

MSCREP extended tip “...invisible est plein d’inconnaissables...” placed at position 120

SO. E-10. Unknown. A starting point. (where to) Crib location near end “defines” cipher as Key Phrase. **G-MAN**

SO. E-11. Porta. TV series. Period Nine. Horizontal ciphertext. **THE RAT**

SO. E-13. Phillips. Poultry in motion. PARROT: Ext. crib “fly fifty miles per hour” at pos. 60. **CILLBIPHER**

SO. E-17. Ragbaby. German instructor. PARROT crib: “eighteen” **REGIR**

SO. C-10. Base 9 Equations. (Three words, 1-0) MSCREP provides first word of key “Dry.” **TSIOLKOVSKY**

SO. C-11. Sudoku. (One word) Solution appears in 3 x 3 block lower right hand corner. **L. TWIN**

SO. C-13. Base 15 Division. (Three words, 1-0) First Keyword “CIPHER” **FUNERALLY**

SO. C-14. Duodecimal Multiplication. (Two words, 0-B) First keyword, 7 letters, begins “WH” **FOMALHAUT**

SO. C-Sp-2. Duodecimal Additions. (Three words, 1-0) MSCREP provides first word of key “Risk.” **APEX DX**

SO. AC-1177. Quagmire IV. Saves treacherous voyage. Period Ten. Crib placement pos 55. **WORD WIZARD**

ND. A-25. Celebrate the season. K2. (130) Opens with word describing that time of year. **SCORPIUS**

ND. P-12. Comic book Christmas. K4 (102/19) (white) First word describes Christmas season. **FUNERALLY**

ND. X-1. French. K2. We are men. (parceque) (75) **URKULU**

Good con for Xeno Tyros to “cut their teeth” on. Easily placed crib, K2 alphabet alignment and “Les” plaintext start.

ND. X-7. ???? K2. Logical thinking, (98) **BARK**

View constructor’s recent Xeno ciphers for language type. Crib “vindt”.

ND. X-8. Esperanto Patristocrat. Proverbs. (kavernon) (I=d, K=y) (86) **GGMA**

Crib placement at position 62. Plaintext begins “Timigu”

ND. X-9. Dutch Morbit. (alle) Crib placed at pass 2, position 7. Plaintext begins “Als” **THE DOC**

ND. E-1. Nihilist Transposition. You have yourself to blame. Crib “own” Vertical ciphertext posting. **OOBOO**

ND. E-2. Null. Christmas winter scene. Vertical listing of the ciphertext leads to solve here. **LIONEL**

ND. E-3. Vigenere. Especially at this time of year. Period Eight **TSIOLKOVSKY**

ND. E-4. Columnar Transposition. Wrong direction. (cover) Period Nine begins “Why” **BION**

ND. E-5. Morbit. They’re all nuts. (are) Crib placed at position 123. **G-MAN**

ND. E-6. Railfence. Lazy early birds? (intend to) Seven in order rails, determine number of offsets. **WABBIT**

ND. E-13. Keyphrase. The way it should be. Extended crib “to receive. May” **SMOKEY**

ND. E-14. Route Transposition. Driving to endanger. Period Six. Extended crib “folks drive” **WORD WIZARD**

ND. E-15. Incomplete Columnar Transposition. Some are harder than others. Crib “every” **FAT CAT**

ND. E-26. Quagmire III. Health advice. **THE RAT**

Period Nine. Crib extension “pleasure of the moment the ideal kind” placed at position 91.

ND. C-7. Sudoku. (One word *) Thanksgiving turkey feast part. **L. TWIN**

ND. C-11. Duodecimal Multiplication. (Three words, 0-B) Last word, “BODY.” **BION**

ND. C-Sp-1. Duodecimal Additions. (Two words, B-0) First word, “WAXY.” **RR TRACK**

ND. C-Sp-2. Addition. (Three words, 9-0.) First key word “FITS” **HONEYBEE**

ND. AC-1180. ??? Photo finish. (138) Foursquare extended crib “darkroomswhereour” **LIONEL**

Sunny Ciphering, LIONEL