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I've discovered a Xenocrypt Solver.

*COPST - Contribution of Personal Solving Techniques

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<http://www.onelook.com/> searches more than six million words in lots of languages, in almost a thousand different dictionaries. It provides definitions and translations. It helps complete words by using wild-card letters or groups of letters. It's a great help in solving Xenocrypt ciphers, helping to complete words in languages you don't know and translating your solution into English.

PHOTON

Pollux JA E-7. Editor's note.

LIONEL

When encountering a Pollux Cipher with little or no crib, there is always an excellent chance of finding that most used English word "the" in the solution which will provide a liberal opening to much plaintext.

SO A-16. Rambler signs. A Young Tyro learning experience is offered by **APEX DX.** See page three.

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

Algorithms – Sedgewick

Blue Avenger Cracks Code – Howe

Codes, Secret Writing – Gardner

Codes, Secret Writing – Zim

Cryptanalysis – Helen Gaines

Crypto & Spygrams – Gleason

Cryptography – Dwight Smith

Find Out about Secret Codes – Beal

Fun with Secret Writing - Lamb

Invitation to Cryptograms –Williams

Secret Codes & Ciphers – Kohn

Top Secret – Paul Janeczko

Trapdoor to Treachery – Fanning

Cryptogram Dictionary – MacCallum

Twelve Years of Age and Under

Alvin's Secret Code – Clifford Hicks

Code Crackers – Kieran Fanning

Secret Agent Activity Book - Elder

Secret Codes Kit – Robert Jackson

Secret Codes Kit – Slinky Inc.

Spy in Old Philadelphia – Anne Emery

Sam Loyd's Best Picture Puzzles

Cat in the Hat, Things in Full Swing Code Activity Book – Dr. Seuss

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

A-1, that, the, A-2, the (3), A-3, the (2), A-4, th (3), the, A-5, the (3), A-6, the (2), A-7, the (4), A-8, ing (2), A-9, th (2), A-10, the, A-11, that, the, A-12, th (2), A-13, to (2), A-14, to (3), A-15, did, A-16, the, A-17, that (2), the (5), A-18, *Pig, A-19, but, A-20, sea (2), A-21, of, A-22, ing (3), A-23, to (2), A-24, faint, of, A-25, 9 t's, 8 u's & e's.

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

P-1, the (6), P-2, the (4), P-3, the (2), P-4, that, you (2), P-5, History, P-6, ll(4), P-7, the (3), P-8, It is, P-9, that, the (4), P-10, the, test, P-11, the, with(2), P-12, that, the (2), P-Sp-1, KOCBS = actor, P-Sp-2, CMGK = spin.

JA-2. Sequence Null

LIONEL

Don't shy away from this one. It is not as difficult as it may appear. Google the Golden Ratio and find out what it's all about. You will find that its numeral begins with 161803 but it continues infinitely. Use as much of its infinite numerals to vertically represent each row of the 0 to 9 columns used to post the ciphertext. The Golden Ratio numerals will prompt you to pick the correct plaintext letter from each row to reveal the complete message.

JA A-23. Aaahhh. K1 (95) Pt begins with Fourth of July oohhhs and aaahhs production. **PETROUSHKA**

JA P-10. Poem # 2. K2 (97/22) Ruthless Rhymes plumber rhyme by Harry Graham **RIG R MORTIS**
JA X-8. Danish Pat K2 Dangerous professions. Anton Chekov quote. Added crib – advokater. **G-MAN**
JA X-12. Afrikaans Playfair. Common bond. (Besitting wat) Begins “Die woordeboek” **THE DOC**
JA E-4. Ragbaby. Three things. (freedom – 2) Crib placed in second and third seven letter words. **APEX DX**
JA E-6. Fractionated Morse. Secretaries Day. (is held) Plaintext begins “Spring.....” **COLD DUCK**
JA E-7. Pollux. Tongue-tied Juliet (in) Try this additional crib “the” at position 68. **CRUNCH**
JA E-22. Tri-square. Near miss. Crib, “th”, begins under ciphertext LWX. **BION**
JA E-23. Quagmire IV. State Park. Period 5, crib position 76. Sailor’s Creek Civil War battle. **HONEYBEE**
JA C-5 Sudoku. (Three words) Solution appears in column seven. **TSIOLKOVSKY**
JA C-13. Multiplication. (Three words, 0-9) First and third words, three letters. Second word S- - E **BION**
SO A-23. Pointless message. K2 (105) Pattern ciphertext GLJZEXDZL fits few plaintext words. **QUIPOGAM**
SO A-25. Tying the knot. K2 (90) Begins “Shy.....” Look for “wed,” K2 helps solution process. **MICROPOD**
SO P-Sp-2. Manufacturing. K3 (97/20) CMGK = spin, crib placement. **AURION**
SO X-10. French Amsco. Navire. (personnes) Period seven, begins, “Saisir.....” **COLD DUCK**
SO E-1. Vigenere. Little flower. (windows) Period seven. **RPM**
SO E-2. Morbit. Humanity. (about) Quotation by Henry James. **LINB**
SO E-3. Gronsfeld. You bet your life. Period eight. **MARSHEN**
SO E-5. Amsco. Spherical bodies. (YULM) Period five, begins “Our.....) **COLD DUCK**
SO E-6. Null. 27 of 32 seniors agree. (for) It’s numerical. Study the title. **LIONEL**
SO E-7. Incomplete columnar transposition. Itchy! (the) Period six, begins “Denise.....” **CRUNCH**
SO E-10. Redefence. Cited by Bennett Cerf. Five rails, no offsets, begins “Robert.....” **RIG R MORTIS**
SO C-10. Sudoku. (Two words*) Solution appears in column eight. **APEX DX**

Sunny Cipherring,

LIONEL

cc: ACA Executive Board

Attacking a SO13 K4 Aristocrat: A Learning Experience

By APEX DX

SO 2013, A-16, Rambler signs, an 82 letter K4 by **RAMIUS**, offers (as I'm sure its author meant it to be) a somewhat tougher con but a distinctly fine example of how a somewhat tougher con can be attacked.

Its ciphertext follows:

PZB *ZIKI YISB YZMAR GMNRO JNITESBS YNQYEMA EHCINGMPEIH PI JIIN, ZQHDNW, MHS PENBS
CBAAIU PNMTBABNO.

The "Rambler signs" title, might or might not prove useful in "opening up" the construction's solution.

My attention initially was drawn to the second word of the text, *ZIKI, a four letter proper noun pattern word (1232) indicating that the letter in position two is repeated in position four). Possible words that bounced out at me included "anon, lava, uses and stet" but its proper noun identification produced KIOI, NASA, Pogo, SOHO, Togo and Zulu.

However, might the right four-letter pattern open up the entire solution? It did for me, as the letters ZIK occur in revealing, highly useful locations.

The "Rambler" title led me to think of "traveler" but what led me astray, I now realize, was the mistaken assumption that "traveler" identified somehow with the "jet set" or the "monied" cruise ship crowd. If not, who else?

An examination of the very few words that may represent the patterned ciphertext word, EHCINGMPEIH, with a pattern of 12345678142 will lead you to the hinted at "traveler" in the title and much of the remaining plaintext.

As a further assist, the K4 key contains a five-letter word in each alphabet with a neat and useful two-letter overlap.

Hopefully, these solving thought processes may supply insight into the many lines of attack used by fellow cryptanalysts and provide useful "food for thought" for Tyros of all ages.