Young Tyros Newsletter
December 2009

Santa's List in plaintext please.   *Contribution of Personal Solving Technique

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ACA Web Site Resources Page at www.cryptogram.org
Current and past Newsletter issues are available at this site. Thank you, ACA Webmaster, **PARROT.**

Welcome New Solvers
We welcome new solver, MORLOCK, to our Newsletter and Cm Solvers List.

*Contribution Of Personal Solving Technique   **MAB**
My approach is to ALWAYS sort out the vowels. It was very easy in the JA TG-1 construction since Q is usually followed by a U and QU is ALWAYS followed by a vowel. Look for high frequency letters before low frequency double letters and look for "e or o" as double letters in the middle of 4, 5 and 6 letter words. High frequency letters not ending words tend to be vowels; letters next to low frequency letters, such as IKE and AVE are likely candidates.
                                        Send us one of your personal pet methodologies.

Gimme A Break – SO Aristocrats   (may be digraphs / trigraphs)   (1) Unless otherwise stated   ZANAC
A-1 the (3) *G*W*L (medical term) A-2 a, and, is the A-3 all, and, the A-4 the (2), to (2) A-5 a, and, the, to, A-6 of (2) A-7 all, and, A-8 and, our (2) A-9 to (2), A-10 a, without (2) A-11 a, it, to (3) A-12, the (2) A-13 of (2), for (2), the (2) A-14 the, to, you A-15 the (2), your (3) A-16 a (3), the A-17, ing (3) A-18 a (2), and, the A-19 M=v, A-20 Asiatic Zodiac signs A-21 Anger synonym starts plaintext A-22, A-23 no (2) A-24 Big city start

SO Patristocrat Ciphers – (may be digraphs / trigraphs)   (1) Unless otherwise stated)   ZANAC
P-1 and, I, you (3) P-2 a, the (2) that P-3 that P-4 a(2), th (4)P-5 from P-6 ZS=th P-7 that, the (4) P-8 a, that (2), (3), P-9 of (3), the (2), P-10 drugs P-11 and, that P-12 the (2), P-Sp-1 Q = "h" alliteration,

Free Code and Cipher Books
These publications remain in our Young Tyro Library. The following books are available to new Young Tyro members, free of charge. Send LIONEL, name, address, age and three Nom choices of the new member. We will select a book suitable for the new member's age, or you may pick one. Less than twelve years of age members will receive the bimonthly Junior Newsletter edition.

Alvin's Secret Codes – Hicks	*Crypt-Arithmetic* – Brooke	*Invitation to Cryptograms* – Williams
Best of Create a Code – Think Ink	*Crypto & Spygrams* – Gleason	*Kids Code & Cipher Book* – Garden
Codemaster – Marvin Miller	*Cryptography* – Dwight Smith	*Number Puzzles* – Diagram Group
Codes, Secret Writing – Gardner	*Find Out About Secret Codes* – Beal	*Secret Codes & Ciphers* – Kohn
Codes and Secret Writing – Zim	*FunTime Code & Mystery Messages – Children's Press*	
Cryptanalysis – Helen Gaines	*Fun with Secret Writing* - Lamb	*Whodunit Math Puzzles* - Wise

SO A-18 Aristocrat.   A down payment.   K4   (85)   **OZ**
Proper noun is a piece of farm equipment.

SO A-25 Aristocrat.   Be wary. K4   (77)   **MICROPOD**
Ciphertext words RXLHQ and RHDQLX contain five of the same letters. "L & H" have a high frequency occurrence and appear consecutively in the five letter word, possibly. Consult *The ACA and You Handbook*, page 14 for the most frequently appearing vowel digraph. Insert the vowels into place in both words and check a non-pattern word list for plaintext word candidates.

SO P-7. Patristocrat.   Ovine complacency. K3 (93/18)   (NLCYM)   **OXYMORON**
Look for the name of a member of the ovine family in the plaintext. There are not too many places its name with double letters will fit.

SO X-9. French Railfence,   Wisdom.   (seul)   **OOBOO**
Easy as 1, 2, 3. Offsets? What are they?

SO E-6. Amsco. Looking back. (adversity)   **EL CONDOR**
Title suggests plaintext opening. Check *The ACA and You Handbook* for the proper process of diagramming this Period Nine cipher.

SO C-13. Cryptarithm Equations.   (Two words, 9-0.)   **MATANZA**
Two five letter words. C = 9. G = 4.

ND A-6 Aristocrat.   Pleasant production. K4   (94)   **POPSICLE**
Only one word will fit this PMUPMWMHKFKVJHW ciphertext word pattern of 123124256768954.

ND A-23 Aristocrat. Overdose. K3   (96)   **OZ**
Your pattern word list will reveal ten words that fit the ciphertext pattern word, KRZUWBGRZFE. Substitute the plaintext letters in those words for like ciphertext letters in, DFUHFWEQ. Only one fit will satisfy both CT words.

ND P-10 Patristocrat. Santa, too? K2   (98/20)   (WUH)   **WALRUS**
You will find three "tho" trigraphs in this cipher.

ND E-2 Railfence.   Getting value.   (MBIJ)   **CRAW**
Seven rails with an offset or two.

ND E-5 Keyphrase.   Malls' Delight.   ROUER = thing   **LIONEL**

ND E-11 Unknown.   Remark By Benazir Bhutto.   (the)   **SCRYER**
It may look, smell and almost taste like a Null, but it's another type of concealment cipher. (Five letter divisions.)

Cipher Solving Lesson Plans   **LIONEL**
Cipher solving lesson plans are available for: Affine & Hill Elementary School Mathematical Ciphers, Aristocrat, Baconian, Bazeries, Checkerboard, Foursquare, Fractionated Morse, Kasiski Period Determination, Monome-Dinome, Morbit, Null, Patristocrat, Pollux, Railfence, Sudoku and Swagman. Send $1.00 for postage and handling for each Cipher Type requested to Lee Melair, 1828 Howe Lane, Maple Glen, PA 19002-2915.

Sunny Ciphering,

        LIONEL   cc: ACA Executive Board