

## Extraterrestrial Intelligence

BY HOWARD H. CAMPAIGNE

*Unclassified*

### *Extraterrestrial Communications*

*In the most recent issue of the NSA Technical Journal—Vol. XI, No. 1—Mr. Lambros D. Callimahos discussed certain aspects of extraterrestrial intelligence and included several messages to test the reader's ingenuity. In the following pages, Dr. H. H. Campaigne offers additional communications from outer space.*

Recently a series of radio messages was heard coming from outer space. The transmission was not continuous but was cut by pauses into pieces which could be taken as units, for they were repeated over and over again. The pauses show here as punctuation. The various combinations have been represented by letters of the alphabet, so that the messages can be written down. Each message except the first is given here only once. The serial number of the message has been supplied for each reference.

1. ABCDEFGHJKLMNOPQRSTU  
ABCDEFGHJKLMNOPQRSTU  
ABCDEFGHJKLMNOPQR etc.
2. AA, B;AAA,C; AAAA,D; AAAAA,E; AAAAAA,F; AAAAAAA,G.
3. LAA; LBB, LCC; LDD; LEE; LFF; LGG.
4. LBKAA; LCKBA; LCKAB; LDKCA; LDKBB; LDKAC; LEKDA;  
LEKCB; LEKBC; LEKAD; LFKEA; LFKDB; LFKCC; LFKBD;  
LFKAE.
5. LFKAKBC; LFKCKBA; LGKAKBD; LGKCKAC; LKAKBCKKABC.
6. LAMBA; LBMCA; LAMCB; LCMDA; LBMDB; LAMDC; LDMEA;  
LCMEB; LBMEC; LAMED.
7. LNMAA; LNMBB; LNMCC; LNMDD; LNMEE; LNMFF; LNMGG.
8. LAOAA; LNONA; LBOAB; LBOBA; LNONB; LNOBN; LDOBB;  
LDOAD; LFOAF; LFOBC.
9. LFOAIBC; LFOCOBA; LFOBOCA; LODOEFOODEF.
10. LDRBB; LBRBA; LARBN; LCRCA; LARCN.
11. LRCKDD; LRCKAG; LRBCOBD; LRBD.
12. LRCBKDE; LRCBOCC.
13. LJRBC; LJKAG; LKJAACC; LKJARCB.
14. LBPJD; LDPJB; LAPCC; LCPFB.

EXTRATERRESTRIAL INTELLIGENCE

15. UAB; UBC; UCD; UEJ; UFJ; UGJ; URBCRCB.
16. QLNA; QLAC; QLAKAA; QLNOAA; QLRBBB; QUBB; QHLAALAB;  
 QQLCC; QUJG.
17. SLAA; SUAB; SLBAAA; SLAOAA; SLNMAA; SHLFOAFLAPFF; SHLAALBB.
18. LATA; LBTKATA; LETKBTCT; LFTOCTBT; LGTG; LANTJ.
19. LABCTKOARJBKOB RJAC;  
 LCBATKOCRJBKOB RJAOARJN;  
 LDEFGTKKODRJC OERJBKOF RJAOGRJN;
20. HLJKA AVL GAV; NKVRJBJAV;  
 HLAATRC AVL BAV; NKVRJCJAV;  
 HLC AVL LAATRAVB; NKVRJDJAV;  
 HLEAVLFKAAV; NKVRJJJAV;  
 HLCCKAGOV LBG OV; NKVRJANTJAV;  
 HLF O BSOV L C SOV; NKVRJANNTJAV;  
 HLCDOVLAATRDOVB; NKVRJANNNTJAV;  
 SLKAVPVKPVAV; HNKVBJAVNKVRJBJAV;  
 SLOAVPVOPVAV; HNKVTVBVCVJAVNKVBVCVJAV;  
 SLKAVKPVTVKKAVPVTV; HNKVTVBVCVJAVNKVBVCVJAV;  
 SLOAVOPVSVQOAVPVSV; HNKVTVBVCVJAVNKVRBVCVJAV;  
 HQLAVBVLMAVBVBVAV; QNKVPABJAV;  
 HQLAVBVLRAVBVBVAV; QNKVMABJAV;  
 QNKVMNCJAV;  
 QNKVPGFJAV.
21. HLNKBMRDDVBODDVDCUVLADDDVLDVDDV;  
 HUVLADVLNADVLARDVB;  
 HUVLABVLNBVLNMBVBVB;  
 SUVLABVQLAVBV;  
 SUVUAVBVUBVAV.
22. QTVUAVBVUBVAV;  
 QTVLABVQLAVBV;  
 HTVLRABVDUNAVLAVB;  
 HQUAVBVUBVAVLVBVAV;  
 SHQTVGVHVVQGVQHV;  
 SHQVGVHVVQGVQHV;  
 LUVAVVBVCVUUVAVBVCV;  
 LTVAVTVBVCVTVAVBVCV;  
 LTVAVVBVCVUUVAVBVCV;  
 LUVAVTVBVCVTVAVBVUBVAVCV.
23. JNVUBAVCAVBVAV;  
 JNVBAVTVBAVCAV;  
 JNVUBAVCAVTVBAVCAV;  
 HJNVBAVCAVLBAVUBAVCAV;  
 HJNVBAVCAVLCAVTVBAVCAV;  
 HTVJNVBAVCAVJNVCAVBAVLBAVCAV;  
 HJNVBAVCAVJNVCAVQBAV;  
 SHTVJNVBAVCAVJNVCAVDAVJNVBAVDAV.
24. NKVAJAV;  
 NKVBJAV;  
 NKVCJAV;  
 NKVDJAV;  
 NKVEJAV;  
 NKVFJAV;  
 NKVGJAV;  
 NKVAATJAV;  
 NKVABTJAV;  
 HNKVAVJAVNKVKAVAJAV.
25. NKVTABJAV;  
 NKVTTVABCJAV;  
 NKVTVADTAGTJAV;  
 NKVTTVGGTANNATANATJAV;  
 HTVJNVAVNMVJNVBNMVTAVBNMV;  
 NKVNJAV;  
 NKVJJAV;
26. NKVJAVJOV;  
 NKVMNAJOV;  
 HNKVMNBVJAVNKVBVJOV;  
 NKVPABJOV;  
 HNKVTVAVBVJOV NKVMABVJOV;  
 HTV NKVTVAVBVJOV QLNBNKVPABVJOV;  
 QNKVPANJAV;  
 QNKVPANJOV;  
 SLOPAVBVPCVDVPOAVCVBVDV;  
 SHUOAVDVOBVCVUPAVBVPACVDV, QLOBVDVN;  
 HNKVAVJAVUMNAAV;
27. HTVHAVBVHBAVHVAVBV;  
 HHVAVBVTVAHVVBVAV;  
 HVHVAVBVTVAHVVBVAV.
28. HLRGVBCQNKVGVJOV;  
 HLRGVBBQNKVGVJOV;  
 HLRGVBEQNKVGVJOV;  
 HLRGVBENKVGJJEV;  
 NKVJOVJEV;  
 NKVJAVJEV;  
 HLRGVBMNAQNKVGVJEV.
29. NKVMAREMNAJBV;  
 NKVMARCMNAJBV;  
 NKVMARDMNAJBV;  
 NKVMARNVMAJBV;  
 LNLVJBVA;  
 NKVPAAJCV;  
 NKVPABJCV;  
 NKVPACJCV;  
 NKVPANVJCV;  
 LNLVJCVN;  
 NKVRMAPABJBV;  
 NKVRMAPACCJBV;  
 NKVRMAPADDJBV;  
 NKVRMAPARJANNTRJANNNTJBV;  
 NKVRMAPANVNVJBV;  
 NKVNLVJBVJEV;