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NATIONAL SECURITY AGENCY  
Washington 25, D. C.

PROBLEMS IN DEPTH-READING,  
KNOWN ALPHABETS

Training Division  
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1. Recover the plain text to the following two Hagelin messages which are in flush depth.

a. JYIOZ HEPNC PIFEN DBIJB UTRIV ZXXYJ  
PKUSZ SIPGN WHVXK JADOQ FWDRB WXPLI  
IIJYH KAPVI

b. MZWVJ TTOUC UFYQR SGZTF MXFBW EBBYW  
GNFSI VLBNR ZOUKP RJB L F UZIRA GWJCF  
BDNKL TUWFU ECJDJ IIKXP

2. Recover the plain text to the following two Hagelin messages which are in flush depth. The probable word ORDERS is contained in the first message, beginning at the 21st letter of the message.

a. BLXOS SKPMW APZYG QYIYP WWJLO ZYGCI  
JDQBO TDTGW JMSAB OJZWA ZFSYX ZGRFG  
UZMEL NRHAB ILYPE DGVIK

b. WSLCV TIRXU GWTEK PDHMP VNV PZ AXZII  
WJKES RSASI MRVAB DCQFG TMRHX ZNVKD  
BCOXL KALPH YBBFH DFGAV UMYHG

3. Recover the plain text to the following two Hagelin messages which are in flush depth. The probable word NUMBER is contained in the first message.

a. YRWLY MYIEE QDJZF WFDXK CXZLG ZRRJD  
MSRVW KIBVL NGOOV WSIGL FUWLM LFYMG  
ATLMQ BQIQJ WHPAM UKCDK PPFUM PRZKD

b. XUNEO CCDRV NDJXA ABPVU JMKJS FWXIF  
QSMBX QGBYP LABOM WHLGC PHCJO LFXMV  
MKWBB LDRFK CTPQK EKFSW PPJVM ENVWD