

~~CONFIDENTIAL~~

DIVISION FIELD CODE NO. 4



ENGINEER REPRODUCTION PLANT.
WASHINGTON BARRACKS.
D. C.
4629

*Source taken from
WFF's home.*

WAR DEPARTMENT,
WASHINGTON, JUNE 1, 1922.

THIS CODE BOOK, KNOWN AS "DIVISION FIELD CODE NO. 4," IS INTENDED FOR THE USE OF THE ARMY WITHIN THE CONTINENTAL LIMITS OF THE UNITED STATES. IT IS FORBIDDEN TO MAKE COPIES OF THIS CODE.

BY ORDER OF THE SECRETARY OF WAR:

JOHN J. PERSHING,
General of the Armies,
Chief of Staff.

OFFICIAL:

H. P. DAVIS,
Acting The Adjutant General.

H. P. DAVIS ERRATUM
 TO READ R. C. DAVIS

INSTRUCTIONS TO MESSAGE CENTER

1. This code book, to be known as "DIVISION FIELD CODE, NO. 4", abbreviated "DFC 4", is issued to message centers of division, brigade, regiment, and battalion. In peace time it may be issued to companies for training purposes.
2. Message center chiefs, before sending messages encoded by its use to troops not a part of a division, will ascertain that a copy of this code has been issued to the message center serving the unit addressed.
3. IN CASE OF LOSS OF THIS BOOK, NOTIFY SUPERIOR AUTHORITY AT ONCE, BURN IF IN DANGER OF CAPTURE.
4. All messages to be transmitted by radio personnel will be encoded in strict accordance with the form provided in the Radio Message Blank (Transmission).
5. The code groups in this code are of two kinds: (a) letters, (b) figures. The figure groups will be used only in cases where the message is to be transmitted by telephone or radiotelephone. Letter groups will be used for all other agencies of transmission.
6. If it becomes necessary to modify the wording of a message to facilitate its encoding, the modified text will, if practicable, be submitted to the office which originated the message for approval. When this is impracticable the judgment of the officer in charge of the message center will determine whether or not the change will be made. A copy of the modified message will be submitted to the originating office for its information.
7. A "clear" (English) copy of a message will never be filed with its equivalent code text. If it is necessary to attach the two for any reason, the clear text must be paraphrased carefully by changing the order of the words, the tense of verbs, etc., as much as possible without changing the meaning and intent of the message.
and at the end
8. On the bottom of each page of the vocabulary there appear BLANKS, that is code groups to which no meanings have been assigned. Meanings for these groups will be assigned only by higher authority.

PRECED E EVERY MESSAGE IN THIS CODE BY "DFC 4"

MEMORIZE THIS CODE GROUP: ABAB - CODE LOST!

The enemy code breakers are "always on the job!"
ARE YOU HELPING THEM?

9. READ THE FOLLOWING PRECAUTIONS BEFORE USING THIS BOOK AND CAREFULLY OBSERVE THEM.

(a) For instruction purposes in time of peace, this code book should be freely used. In time of war, its use should be limited to actual necessity. Routine reports make the best material for the enemy code breakers; they should be transmitted by means other than radio whenever possible.

(b) NEVER send in code a message which has been sent previously in clear.

(c) NEVER send in clear a message which has been sent previously in code.

(d) NEVER repeat a message in any code or cipher other than the one in which it was originally transmitted.

(e) NEVER insert clear text words, phrases, punctuation marks, or abbreviations in a coded message.

(f) NEVER use the syllabary unless absolutely necessary. The syllabary is the weakest part of the code. The more you use it, the easier you make the work of the enemy code solvers. When the same words must be spelled out several times in the same message, try to spell them out in as many different ways as they occur, by taking advantage of the various syllables given in the syllabary. For example, the word "memorandum" can be spelled in the following different ways:

me-mo-ra-nd-u-m

me-mo-r-and-u-m

me-mo-r-an-du-m

m-em-or-and-u-m

m-em-o-ra-nd-u-m

Moreover, in each of these ways, different code groups may be used for the same letter or syllable, as explained in the succeeding paragraph.

(g) Where two or more code groups are assigned to the same letter, number, syllable, word, or phrase, the different code groups, called "variants", should be used at random, or haphazard, so that in a series of messages each of them will appear about the same number of times. In particular, no group should ever appear twice in the same message, unless absolutely unavoidable.

(h) On each page of the encoding section there are printed a number of code groups called "mills". These are groups having no significance, and their careful use will make the work of the enemy code solvers more difficult. They should be placed at irregular intervals, using one or more of them to about each ten groups of the message. They should be used to disguise short messages which would otherwise consist of less than five groups, and especially around code groups representing letters, syllables, or numbers.

CORRECTION OF ERRORS

Errors in the copying and telegraphic transmission of code messages are almost impossible to avoid. Such errors are due most often to the substitution of incorrect letters for the correct ones, and occasionally to the transposition or interchange of a pair of letters. The code groups in this book have been constructed upon a system which permits of the easy correction of most of such errors, and a careful study of these pages will enable you to save much time in decoding mutilated messages.

The code groups consist of combinations, or more strictly speaking, permutations of four letters in five definite arrangements of vowels and consonants. They are as follows:

- | | | |
|-----|---|------------|
| (1) | Vowel - consonant - vowel - consonant | (Ex. ABAB) |
| (2) | Vowel - consonant - consonant - vowel | (Ex. ABCA) |
| (3) | Consonant - vowel - consonant - vowel | (Ex. BAPB) |
| (4) | Consonant - vowel - vowel - consonant | (Ex. BAAD) |
| (5) | Consonant - vowel - consonant - consonant | (Ex. BAPB) |

A code group which does not conform to one of these five types of groups may therefore be recognized immediately as having been mutilated or garbled. For example, such groups as AEBB, ABAB, AOBN, BBAD, and the like, are obviously incorrect. If this obvious fact escapes the notice of the decoder, it will become apparent soon enough when he fails to find the group in the decoding section.

The code groups have been constructed in such a manner, by means of the PERMUTATION TABLE shown on the inside of the back cover, that each code group differs from every other code group by at least two letters. It is easy to see how this is brought about by examining the permutation table. Each code group is composed of two halves, an initial pair of letters taken from the left hand rectangle, and a final pair of letters taken from the right hand rectangle, and in every case both pairs must lie in the same horizontal line. Thus, for example, the code group DIJO consists of the initial pair DI, taken from line 3, rectangle 1, and the final pair JO, taken from the same line in rectangle 2. The initial pair DI may be combined with any one of the final pairs on the same line with it in rectangle 2, such as AD, EX, CE, etc., giving rise to the code groups DIAD, DIBX, DICZ, etc.; on the other hand, the final pair JO, for example, may be combined with any one of the initial pairs on the same line with it in rectangle 1, such as AD, BA, CE, etc., giving rise to the code groups ADJO, BAJO, CEJO, etc. Since the initial pairs in each line differ among themselves throughout by two letters, either as regards the letters themselves, or the positions occupied by the letters, it is clear that all combinations made by suffixing any one of the final pairs on the same line with them in rectangle 2 must differ by at least two letters; likewise, since the

final pairs in each line differ among themselves throughout by two letters, either as regards the letters themselves, or the positions occupied by the letters, it follows that all combinations made by prefixing any one of the initial pairs on the same line with them in rectangle 1 must differ by at least two letters. Since a given initial pair or a given final pair appears but once in each rectangle, it follows that all the code groups must differ from one another by at least two letters.

The decoding section lists only the code groups made possible by the permutation table, and in this code not all the possible code groups are listed. (All code groups of the form vowel - consonant - consonant - consonant, e.g., ABBJ, with the exception of 60 such groups have been omitted. These exceptions have been inserted, but no meanings assigned to them, in order to provide 100 groups to each page of the decoding section, for the sake of uniformity.) Now if one letter in a code group has been changed through an error made in copying, transmission or reception-- and it is fortunately true that most errors in code messages involve only ^{one} letter per group--the incorrect code group can not be found in the decoding section, and thus gives notice in itself that it has been mutilated. Reference to the permutation table will quickly show a very limited number of groups of which the incorrect group may be a mutilation. Suppose we have the following portion of a message:

.... POMB IJUL BEAC MCHG SUYW YKEF
 woods on hill (?) and 572

The group MCHG is obviously incorrect, since it is not in the decoding section. Assuming that an error of only one letter is involved in this group, we write down the four possibilities, leaving a dash for the first, second, third, and fourth letters which are to be found by reference to the permutation table. Thus:

- O H G
 M - H G
 M O - G
 M O H -

We now look for the final pair HG in rectangle 2, follow the line in which it appears straight across to rectangle 1, and look for an initial pair whose second letter is O. We find the initial pair QO, which means that the correct group may be QCHG. In this same line in rectangle 1, we now look for an initial pair whose first letter is M, finding the pair MA, which means that the correct group may be MARG. We next look for the initial pair MO in rectangle 1, follow the line in which it appears straight across to rectangle 2, and look for one final pair ending with G, and another pair beginning with H. We find

the pairs ZG and HW, respectively, which means that the correct group may be either MOZG, or MCEW. We now have the following, for which we find the meanings by reference to the decoding section:

-OHG	=	QOHG	meaning	barrage
M-HG	=	MAHG	"	consolidate
MO-G	=	MOZG	"	571-st
MCH-	=	MCEW	"	approach

It is obvious that of these four possibilities MOZG is the only one which fits the context, and we have:

.... POHB IJUL BRAC MOZG SUIW YKEF
 woods on hill 571 and 572

The possibilities for the groups MO-G and MCH- may, of course, be found directly from the decoding section, without reference to the permutation table, so that it is necessary to refer to the permutation table only for the possibilities for the first and second letters, and immediately refer to the decoding section. It is often wise to refer the error to a false grouping of the Morse characters. In this case, for example, the letter Z (American Morse ...) was received as H (....), changing the group MOZG to MOHG.

If the meaning of none of the possible groups found by assuming a one-letter error fits the context, then we assume that a transposition of a pair of letters has occurred, that is, a pair of letters have exchanged positions, a not uncommon error. Suppose we have the following:

.... GQGA BUVI AJUN
 hostile (?) troop

Assuming a one-letter mutilation, we have the following:

-UVY	=	QUVI	=	required
R-VY	=	XVVI	=	682-nd
HU-Y	=	HUVY	=	might be
HUV-	=	HUVU	=	zero

None of these meanings fit in properly with the context, and hence we assume that a transposition of a pair of letters has occurred. The most common transpositions involve only adjacent or alternate letters, the error being made usually in copying or reading.

The following are the possibilities:

Transposition of 1st and 2nd letters: **HUVI = UVHI**. Meaning: not in decoding section.
 " " 2nd and 3rd " **HUVI = HVUI**. Impossible group.
 " " 3rd and 4th " **HUVI = HUVI**. Meaning: cavalry.
 " " 1st and 3rd " **HUVI = VUHI**. Meaning: not in decoding section.
 " " 2nd and 4th " **HUVI = RYVI**. Meaning: " " "

The one and only possibility, **HUVI**, with the meaning "cavalry", fits in very nicely with the context.

If the trial of the transposition of a pair of letters fails to give the correct group, we may assume that two letters have been mutilated and are substituted by incorrect letters. We may then assume any two letters of the group to be correct, and find all the possible code groups of which they may be parts, as given by the permutation table. For example, if the group **UHBT** has been examined for a one-letter mutilation, and also for a possible transposition of a pair of letters, and no good results have been obtained, we may assume the letters **UH** to be correct and try all the code groups given in the decoding section under **UH**. If that fails, then **HB** are assumed to be correct, the permutation table is consulted, and we find the following possibilities:

YHBJ UHBZ OHRX IHSW RHBV AHBT

If that produced no good results, we would assume **BT** to be correct, and find the following possibilities:

ARBT, EJBT, EAST, GRBT, ^{HIBT,} IBT, JOBT, KIBT, LYBT, OIBT, UMBT, YIBT.

If that produced no good results, we would assume **U-B-** to be correct; then **-B-**; then **U--**. If a two-letter mutilation is involved, this process will uncover it, and in every case an attempt should be made to find a logical origin for such an error by referring to the Morse characters. In the case above, the group **UHBT** arose from a false grouping of the letters **DA**, in the code group **UHDA**. Thus:

D A = -- .. .--

B T = -- ... --

E N C O D I N G S E C T I O N

CARDINAL and ORDINAL NUMBERS

3716 VIRG	0000	1851 KIER	1-st	1951 LABB	20-th	0563 DADK	60-th
2966 RARH	000	3658 VAIB	1-st	1374 HUZV	20-th	3751 VUBY	60-th
2403 OBDU	00	4452 ZUCO	1-st	2668 ORRI	21-st	3453 UGEC	61-st
0111 ALYR	0	1167 GISM	1-st	3669 VADD	22-nd	0958 FAIK	62-nd
4156 YGIC	.0	2271 NAWU	1-st	2417 OCPU	23-rd	0763 EGHE	63-rd
1120 GAVG	.1	1460 IGUJ	2-nd	2727 POCG	24-th	4109 YEXI	64-th
0467 CISR	.15	3161 SILC	2-nd	1868 IRSI	25-th	3209 SUJG	65-th
0751 EGEG	.2	0257 BAHJ	2-nd	2364 NUPI	25-th	0462 CIML	65-th
0067 AHLI	.25	2956 RAGM	2-nd	3572 URUR	25-th	1867 KISC	66-th
2684 PEJG	.3	1560 IQVY	2-nd	2032 LOHX	26-th	1475 IJEH	67-th
3152 SICK	.35	4168 YEHU	3-rd	0973 DAYM	27-th	1889 KOPU	68-th
1059 FUJU	.4	1067 FUSR	3-rd	0872 ERXY	28-th	3653 TUDM	69-th
5561 UQYR	.45	4076 XYBU	3-rd	1657 JAHW	29-th	0251 BABX	70-th
3908 WUJN	.5	0761 EGYL	3-rd	0057 AGMU	30-th	1956 LAGG	70-th
2124 MAZL	.55	2073 LUYP	3-rd	4140 YPEZ	30-th	2622 OWYZ	71-st
4232 YMOL	.6	4414 ZIOD	4-th	0134 ANVY	31-st	0122 AMUR	72-nd
0546 CYWJ	.65	1172 GEXS	4-th	1114 GAPU	32-nd	4154 YGEB	73-rd
1472 IHUK	.7	1674 JAZC	4-th	4011 XLIN	33-rd	0869 EQVU	74-th
3871 WIFW	.75	3281 TEGJ	4-th	1007 FTHE	34-th	2162 MIMB	75-th
1972 LAXL	.8	2373 NUYR	4-th	2751 PUBC	35-th	1763 JUNY	75-th
3228 SYDC	.85	0364 BUOC	5-th	3637 UZBU	35-th	4393 ZETT	76-th
1609 IVXO	.9	2519 OMOM	5-th	1387 HYMC	36-th	2970 RAVA	77-th
1209 GUJO	.95	3877 WOCU	5-th	4472 ZUXA	37-th	2319 NIUS	78-th
3377 TYCM	1/2	2N93 MIYS	5-th	2854 QEJZ	38-th	3483 UJCH	79-th
2355 NUFT	1/2	2457 OGJU	5-th	3023 RYXK	39-th	3107 SAHM	80-th
1884 KOKA	1/3	0058 AGNY	6-th	3923 WUYB	40-th	3873 WIYD	80-th
0288 BENM	1/3	3651 VARE	6-th	0682 DYHY	40-th	0572 DAXS	81-st
0566 BURT	1/4	3551 UQEM	6-th	3369 TYUW	41-st	1564 IRIR	82-nd
3068 RUTO	1/4	2874 QIZC	7-th	1984 LEJW	42-nd	3656 YAGY	83-rd
4361 ZEGO	1/5	0184 ASYZ	7-th	4387 ZEMM	43-rd	1356 HUGA	84-th
2863 QIRX	1/6	3179 SOES	7-th	2395 NTFV	44-th	0048 AFUK	85-th
0274 BAZW	1/7	3074 RUZL	8-th	2483 OJOJ	45-th	2098 LYYN	85-th
3373 TUYX	1/8	2286 NEMX	8-th	1291 HERC	45-th	3762 VUMD	86-th
0373 BUYF	1/9	0488 CONN	8-th	2582 OSUT	46-th	2458 CGKY	87-th
0709 EBDJ	1/10	2757 PUHV	9-th	0870 ERVO	47-th	1070 FUVT	88-th
3569 URRO	1/32	2860 PAKC	9-th	0386 BYLP	48-th	4086 XYLR	89-th
0957 FAHB	1/64	0861 EQYV	9-th	2193 MOKK	49-th	1294 HEVN	90-th
4281 YSRO	2/3	1860 KILA	10-th	1695 ITVI	50-th	3596 UTUT	90-th
3885 WOKP	2/5	1980 LEFG	10-th	3534 UNUN	50-th	0991 FERF	91-st
0589 DEQJ	3/4	3977 XECE	10-th	2295 NEVU	50-th	3887 TDMK	92-nd
2093 LYTG	3/4	1786 JYLU	11-th	0248 AZUF	51-st	2986 RELC	93-rd
0090 AKLA	3/5	0658 EBUT	12-th	1644 IZCB	52-nd	2393 NYTD	94-th
1597 IXUJ	3/8	4496 ZMWA	13-th	4295 YTSO	53-rd	2593 OTSE	95-th
0696 DYWX	4/5	3994 XEUF	14-th	2688 PERK	54-th	0270 ZAVS	95-th
2989 REOW	5/6	3395 TYVO	15-th	2981 RBGN	55-th	2692 QOSI	96-th
3293 TETJ	7/8	2992 RESB	15-th	0092 AKNI	56-th	1193 GOTQ	97-th
0193 ATOX	1/16	2696 PSWU	16-th	2094 LYUM	56-th	4270 YRRU	98-th
3998 XEYQ	3/16	3277 TECU	17-th	1798 JYTL	57-th	0361 BULN	99-th
0474 CIZX	5/16	0497 COXX	18-th	3198 SOYX	58-th	0103 ALMA	100-th
2698 PEYW	7/16	1898 KOYP	19-th	3896 WOWA	59-th	3516 UMKE	100-th

NULLS

1459 IGOH
3326 TOBY
0154 AQRA
4164 YHDE
2647 OZXE

NULLS

0040 APHE
0619 DIUJ
2408 UBIX
1010 FXKO
2493 OKLO

1803 KADP	100-th	4404 ZIEB	150-th	4351 ZABZ	200-th	2853 PADM	250-th
2103 MADC	101-st	2104 MAEQ	151-st	4103 YBEV	201-st	3865 WTPS	251-st
4411 ZILM	102-nd	0603 DIDB	152-nd	0706 EBGU	202-nd	1258 HAIM	252-nd
1017 FISP	103-rd	3856 WIGK	153-rd	1834 KEKZ	203-rd	2165 NIPE	253-rd
3906 WUGM	104-th	0903 EFEV	154-th	2921 QWKK	204-th	1664 JAPI	254-th
2611 OVZY	105-th	0704 ZEBB	155-th	1401 IBBE	205-th	3157 SIHP	255-th
3004 RIES	106-th	0509 CUJK	156-th	1105 GAFW	206-th	1457 IGKU	256-th
1707 JIHZ	107-th	1508 ILPU	157-th	4206 YLKO	207-th	1051 PUBZ	257-th
0917 EWIX	108-th	2608 OVWO	158-th	0615 DIFM	208-th	3558 UQRU	258-th
4110 YBYB	109-th	3207 SURF	159-th	0207 AVUB	209-th	4260 YQUP	259-th
2218 NUTD	110-th	2701 PIEM	160-th	3707 VJHM	210-th	3771 VUWI	260-th
3417 UCFY	111-th	0008 ABJY	161-st	1714 JIFU	211-th	2853 QIDN	261-st
3717 VISH	112-th	2304 NIEP	162-nd	0310 BIKK	212-th	2473 OHYK	262-nd
0721 EOCF	113-th	2866 QIRA	163-rd	3404 UBEW	213-th	0354 BUEZ	263-rd
3818 WATV	114-th	2984 REJQ	164-th	4121 YCXE	214-th	1761 JULO	264-th
0472 CIXW	115-th	4310 YVWY	165-th	2813 QANF	215-th	5470 UHKY	265-th
2382 NYHX	116-th	0153 AQOT	166-th	0855 EQRE	216-th	0759 EGQJ	266-th
1073 FUVJ	117-th	4007 XIEH	167-th	2214 UMPO	217-th	0669 DUHG	267-th
2771 PUVK	118-th	1180 GQFB	168-th	1519 IMPO	218-th	0457 CIOO	268-th
4356 ZAGI	119-th	3195 SOVI	169-th	2629 OXOX	219-th	0293 BETS	269-th
0108 ALRU	120-th	4297 YTUS	170-th	2120 MAVU	220-th	4072 XUXE	270-th
2203 MUDT	121-st	0379 BYEK	171-st	3918 WUTC	221-st	0879 ESTE	271-st
0910 EYVB	122-nd	1269 HAUP	172-nd	1914 KVOL	222-nd	1360 HUKO	272-nd
1502 ILIL	123-rd	2083 LYIK	173-rd	1602 IVET	223-rd	4467 ZUSG	273-rd
3813 WANP	124-th	0820 EMRU	174-th	2406 OBIZ	224-th	2767 PURO	274-th
3604 ULJE	125-th	0493 COTY	175-th	1858 KIIM	225-th	1083 PYID	275-th
3009 RIJZ	126-th	3553 UQMA	176-th	1064 FUGG	226-th	1489 IKIK	276-th
1703 JIDV	127-th	1878 KOOV	177-th	4308 YVUT	227-th	0176 ASET	277-th
2914 QUPA	128-th	3014 RIOV	178-th	4495 ZUJM	228-th	5581 USSO	278-th
1608 IWVI	129-th	3306 GIGM	179-th	3219 SUUV	229-th	4377 ZECA	279-th
1923 KUYN	130-th	0278 BEDA	180-th	2006 LIGV	230-th	4218 YMLO	280-th
1318 HITG	131-st	0969 FAIM	181-st	0927 EKDU	231-st	3794 VYUW	281-st
4132 YDUC	132-nd	0536 CYLN	182-nd	4331 YXVI	232-nd	0962 FAMO	282-nd
2470 ORLY	133-rd	2477 OJHE	183-rd	0171 ARXU	233-rd	1151 GIEV	283-rd
3930 WYFM	134-th	1281 HEGX	184-th	2763 PUNA	234-th	2077 LYCV	284-th
0010 ABUG	135-th	2906 OUGG	185-th	2571 CRUS	235-th	3966 XARR	285-th
3202 SUCM	136-th	3703 VIDY	186-th	1366 HUPD	236-th	3256 TAGK	286-th
0405 CAFB	137-th	1773 JUYM	187-th	1187 GOMY	237-th	3367 TUSA	287-th
1805 KAFG	138-th	1687 JENI	188-th	3988 XENP	238-th	3053 RUDC	288-th
2609 OVXU	139-th	3913 WUND	189-th	3381 TYGD	239-th	3644 UZUZ	289-th
3410 UBYC	140-th	0072 AHUM	190-th	3080 RYFF	240-th	1583 ISWU	290-th
3709 VIJN	141-st	0660 DUKK	191-st	1580 ISTI	241-st	0389 BYOB	291-st
2114 MAPB	142-nd	1820 KAUR	192-nd	0081 AJOM	242-nd	0053 AGIJ	292-nd
0684 DKJK	143-rd	1024 FIZV	193-rd	1992 LERO	243-rd	3184 SOJZ	293-rd
3667 VASV	144-th	3618 UWSA	194-th	2998 REYZ	244-th	1961 LAMZ	294-th
2397 NYXH	145-th	0421 CAWS	195-th	2349 NOZH	245-th	2961 RALR	295-th
2662 PAMP	146-th	3519 UMWU	196-th	0558 DALJ	246-th	1695 JEVF	296-th
4195 YKLY	147-th	2314 NIPA	197-th	2299 NEZL	247-th	2344 NOTY	297-th
1922 KUXR	148-th	3263 TANR	198-th	4116 YGEW	248-th	2195 MOVC	298-th
1337 HOMU	149-th	2781 PYGY	199-th	1892 KOSD	249-th	1742 JOSF	299-th

NULLS

0633 DOLF
0648 DOTJ
1618 KASU
0189 AQWU
0432 CERI

NULLS

3921 WOME
4119 YCUB
4050 XUAV
4164 YHDE
3405 UBIX

3905 WUDK	300-th	2367 NUSY	350-th	0465 CIDA	400-th	1417 ICPO	450-th
1904 MUEJ	301-st	0920 ENWA	351-st	3168 SIZA	401-st	0592 DESP	451-st
3407 UBUB	302-nd	4016 XIRT	352-nd	3768 VUTA	402-nd	0456 CIFE	452-nd
0144 APTO	303-rd	0469 CIUH	353-rd	1428 IDFI	403-rd	1362 HUCX	453-rd
1205 GUPA	304-th	2719 PIUT	354-th	2870 QIVO	404-th	1265 HAFV	454-th
1142 GESP	305-th	3816 WARS	355-th	2943 QYSU	405-th	0807 ELPO	455-th
4484 ZYJN	306-th	3647 UPRY	356-th	3672 VAXB	406-th	3858 WILZ	456-th
0079 AJMI	307-th	3001 RBKB	357-th	0523 CUYG	407-th	3172 SIXO	457-th
2456 OCHO	308-th	1747 JOKR	358-th	3291 TERG	408-th	3265 TAPS	458-th
3190 SOPH	309-th	0809 DIJO	359-th	0906 EVUZ	409-th	2889 QOPB	459-th
1709 JJKK	310-th	4371 ZAWV	360-th	1510 ILUN	410-th	0259 BAJO	460-th
1528 INNE	311-th	0047 APOJ	361-st	1095 FYVV	411-th	1684 JEKB	461-st
2656 PAFN	312-th	3973 XAYH	362-nd	4220 YMWJ	412-th	2939 QYQQ	462-nd
0748 EPUJ	313-th	1969 LAKW	363-rd	1756 JOME	413-th	0966 PARO	463-rd
3742 VOSJ	314-th	3392 TYSE	364-th	2070 LUVO	414-th	2087 LONI	464-th
3511 ULVM	315-th	2439 OFDE	365-th	4343 YZTA	415-th	3768 VUVJ	465-th
0246 AZOD	316-th	1322 HIXR	366-th	1112 GANO	416-th	4368 ZAPS	466-th
2332 NORV	317-th	4148 YPYF	367-th	0639 DOOG	417-th	1159 GIJE	467-th
2042 LOSC	318-th	2264 NAOT	368-th	2158 MLIP	418-th	0656 DUGO	468-th
0844 EERI	319-th	1161 GILQ	369-th	3086 RYLK	419-th	3598 UTWY	469-th
3621 UWXU	320-th	1769 JUUL	370-th	2273 NAWN	420-th	2136 MELX	470-th
0521 CUXX	321-st	3273 TAYD	371-st	0809 ELRY	421-st	3063 RUGS	471-st
2543 OPOP	322-nd	1535 IYR	372-nd	0799 SKYP	422-nd	3397 TYXJ	472-nd
1896 KOWH	323-rd	4247 IPEY	373-rd	2789 PYZG	423-rd	4078 XYDK	473-rd
1116 GARC	324-th	0671 DUWV	374-th	1815 KAPE	424-th	0796 EKKU	474-th
1232 GYHO	325-th	0890 ETIV	375-th	3498 UKUK	425-th	3242 SYSI	475-th
2810 QAKR	326-th	3499 UKYL	376-th	4443 ZOTW	426-th	0360 BUKM	476-th
2734 VOJP	327-th	3887 WQMR	377-th	3634 WEJL	427-th	1880 KOFW	477-th
1422 ICUP	328-th	1246 GYVT	378-th	1646 IZUC	428-th	1976 LEBC	478-th
3932 WYHP	329-th	4089 XYOX	379-th	0321 BIWU	429-th	2265 NANK	479-th
1936 KYLO	330-th	0397 BYXA	380-th	4147 YFUD	430-th	0368 BUTW	480-th
0339 BOOD	331-st	0296 BEWV	381-st	3968 XATT	431-st	1420 ICIC	481-st
2635 OKZO	332-nd	2598 OKXY	382-nd	2646 OZUB	432-nd	1783 JYIH	482-nd
0222 AWYD	333-rd	2673 TAYX	383-rd	2422 OCYP	433-rd	0734 EDUH	483-rd
3323 TYBY	334-th	3309 ULQK	384-th	0196 ATWE	434-th	0263 BANL	484-th
2428 ODEB	335-th	2379 NYEL	385-th	4420 ZIVW	435-th	1637 IZBI	485-th
0899 ETZU	336-th	1694 JEUP	386-th	0767 EHKI	436-th	3298 TEYC	486-th
3444 UFIC	337-th	2793 PYTK	387-th	2755 PUPG	437-th	4193 YKJO	487-th
2946 QYVK	338-th	3097 RYXL	388-th	1872 KIXH	438-th	2994 REUX	488-th
2143 METU	339-th	4392 ZESS	389-th	0370 BUHV	439-th	3115 SAPP	489-th
0739 EPPA	340-th	1085 FYKK	390-th	3449 UFVO	440-th	0517 CUST	490-th
1334 HOJE	341-st	0563 DANY	391-st	2340 NOPE	441-st	4439 ZOOC	491-st
3247 SYXK	342-nd	3660 VAKM	392-nd	4243 YPMI	442-nd	2861 QGQF	492-nd
0199 ATZO	343-rd	2933 QYIP	393-rd	2555 OQPE	443-rd	3422 UCYD	493-rd
2220 MUVF	344-th	0955 FAFX	394-th	2268 WATI	444-th	2146 MEVY	494-th
1537 IPEY	345-th	2021 LEWD	395-th	1791 JYRN	445-th	2322 NIXL	495-th
1041 FORP	346-th	2147 MEXL	396-th	4199 KYKX	446-th	0842 EPPA	496-th
3609 UVWU	347-th	0795 EKOM	397-th	1548 IPEB	447-th	3863 WIDU	497-th
4447 ZOXX	348-th	1885 KOLE	398-th	3678 VEDU	448-th	3058 RUIR	498-th
1635 IXZI	349-th	4495 ZYVD	399-th	1087 FYMN	449-th	3360 TUKC	499-th

NULLS

2647 OZKE
3326 TOBY
4050 XUAV
4119 YCUB
1818 KASU

NULLS

3158 SIIW
3921 WUWE
0633 DDIF
3689 UPIR
3405 UBIX

0328 BOBA	500-th	0937 EZBE	550-th	2742 POSO	600-th	3492 UKJI	650-th
2843 QETE	501-st	3804 WAEB	551-st	3337 TOMD	601-st	2740 POQE	651-st
0443 CEFR	502-nd	1418 ICGU	552-nd	4366 ZARQ	602-nd	3739 VOXX	652-nd
0237 AZBA	503-rd	0896 BTWI	553-rd	2666 PARB	603-rd	0495 COVV	653-rd
3597 UTUV	504-th	1632 LXWA	554-th	0460 CKYK	604-th	1869 KIUP	654-th
2153 MIDF	505-th	2242 MYSD	555-th	3075 RYAN	605-th	2849 QEZY	655-th
1198 GOYL	506-th	3436 UFAZ	556-th	1368 HUTQ	606-th	3092 RYSO	656-th
2342 NORO	507-th	3311 TILR	557-th	2365 NUGQ	607-th	2454 OGGI	657-th
0847 EPUS	508-th	0448 CEYK	558-th	1676 JBER	608-th	0445 CEVS	658-th
4190 YKGE	509-th	1831 KEGV	559-th	3399 TYZC	609-th	1699 JEZJ	659-th
3420 UCUC	510-th	1033 FOIG	560-th	1297 HXKQ	610-th	0209 AVXE	660-th
3651 WIBI	511-th	3123 SAYC	561-st	1514 IMIM	611-th	3321 TIWE	661-st
2248 MYTP	512-th	3025 ROAQ	562-nd	0481 COGO	612-th	3106 SAGL	662-nd
1317 HISP	513-th	1729 JOEJ	563-rd	1836 KEMA	613-th	3045 ROVO	663-rd
1918 KURD	514-th	1346 HOWR	564-th	2441 OFFI	614-th	2254 NAER	664-th
2596 OTVO	515-th	4469 ZUUC	565-th	2237 MYNO	615-th	3749 VOZO	665-th
1430 IDHU	516-th	1213 GUNL	566-th	2758 PUIP	616-th	0514 CUOD	666-th
1771 JUWR	517-th	0006 ABHU	567-th	3332 TORP	617-th	2184 NOKZ	667-th
2746 POWK	518-th	2338 NOMA	568-th	3735 VOKQ	618-th	0458 CLIF	668-th
3034 ROJE	519-th	1541 IPOQ	569-th	1468 IHKO	619-th	1806 KAGT	669-th
1627 IXDY	520-th	1902 KUCV	570-th	2178 MODS	620-th	2480 OJKO	670-th
1049 PCZW	521-st	2199 MOZG	571-st	4214 YMHA	621-st	1020 FIVR	671-st
0745 EFLY	522-nd	4188 YKEF	572-nd	2761 PULZ	622-nd	3761 VULC	672-nd
4003 XIDO	523-rd	1327 HOCW	573-rd	2884 QOKJ	623-rd	0784 EJUM	673-rd
2347 NOWL	524-th	5455 UGGO	574-th	0983 FELJ	624-th	3560 UQUQ	674-th
1372 HUXT	525-th	3729 VOEV	575-th	2190 MOAQ	625-th	0822 EMUQ	675-th
0794 EKNO	526-th	1397 HYXV	576-th	1225 GYAC	626-th	4317 YWSE	676-th
2828 QEDM	527-th	1779 JYEG	577-th	1434 IDUG	627-th	3409 UBXE	677-th
0814 BLOF	528-th	0232 AXOC	578-th	3714 VIOZ	628-th	0035 ADYK	678-th
2318 NITU	529-th	2515 OMKK	579-th	0718 ECHU	629-th	3030 ROFP	679-th
0949 EZZA	530-th	4129 YDFY	580-th	0862 ERAQ	630-th	1377 HYCZ	680-th
4347 YZIO	531-st	4238 YPEK	581-st	4479 ZYEW	631-st	0742 EPIG	681-st
0276 ERBZ	532-nd	4457 ZUHL	582-nd	3347 TOXO	632-nd	3095 RYVY	682-nd
1268 HATD	533-rd	2941 QYQI	583-rd	1625 INEM	633-rd	0945 EZOC	683-rd
3255 TADU	534-th	3790 VYPH	584-th	4138 YPOI	634-th	2329 NOEN	684-th
3355 TUFN	535-th	3147 SEXI	585-th	3964 XAOF	635-th	3796 VYWO	685-th
1853 KIDT	536-th	2898 QOYV	586-th	0156 APTI	636-th	2197 MOKF	686-th
0667 DUSS	537-th	3869 WIUC	587-th	2565 QROK	637-th	1827 KECJ	687-th
2297 NEXK	538-th	3131 SERM	588-th	0372 BUXG	638-th	1906 KUGZ	688-th
0848 PFYX	539-th	3567 URPE	589-th	3605 UVSE	639-th	1349 HOZT	689-th
0478 CODE	540-th	0834 ENUR	590-th	3776 VYBK	640-th	1796 JYWS	690-th
1955 LAFF	541-st	0113 AMEN	591-st	3340 TOPG	641-st	3197 SOXU	691-st
3098 RYTT	542-nd	0045 APMY	592-nd	3066 RURE	642-nd	1847 KEXF	692-nd
1648 IZYD	543-rd	0323 BIYH	593-rd	3153 SIDL	643-rd	4345 YZVE	693-rd
3798 VYXZ	544-th	1793 JYTO	594-th	1785 JYKO	644-th	3744 VOUZ	694-th
1047 FOXV	545-th	3039 ROOT	595-th	4303 YVOS	645-th	3313 TIND	695-th
2753 PUDF	546-th	1842 KESY	596-th	3418 UCIZ	646-th	2794 PYUQ	696-th
4487 ZYMR	547-th	3328 TODL	597-th	1931 KYGB	647-th	2744 POUS	697-th
3188 SONG	548-th	2730 POPF	598-th	1364 WUQJ	648-th	3442 UPGU	698-th
1498 IKUM	549-th	3494 UKLU	599-th	3448 UPUP	649-th	2266 NARA	699-th

NULLS

4119 YCUB
0633 DOIF
0118 AMQI
0159 AQWU
3921 WUWE

NULLS

2647 QZKE
0136 APAP
0648 DOYJ
4164 YHDE
4050 XUAV

2857	QIHF	700-st	2261	NALJ	750-th	2398	NYTQ	800-th	0904	EVIV	850-th
0285	BEKY	701-st	0055	AGKI	751-st	0887	ETBY	801-st	1406	IBGY	851-st
1682	JEHX	702-nd	0357	BUHK	752-nd	4107	YBVA	802-nd	3544	UPON	852-nd
2981	QYGT	703-rd	1415	ICDI	753-rd	2488	OKSH	803-rd	0789	EKIL	853-rd
0981	PEGB	704-th	1711	JIMI	754-th	3996	XEWK	804-th	5415	UCDU	854-th
2047	LOXH	705-th	0763	ERSH	755-th	3412	UCAW	805-th	1202	GUZZ	855-th
3778	YIDM	706-th	0999	FEZT	756-th	3862	WIMQ	806-th	1506	ILNO	856-th
4380	ZEFI	707-th	3239	SYFB	757-th	2252	NACM	807-th	1910	KUKE	857-th
1144	GEHM	708-th	0291	BERQ	758-th	1393	HYTR	808-th	0307	BIHU	858-th
0632	DOHO	709-th	1691	JERY	759-th	1965	LAQE	809-th	2312	NINE	859-th
3507	ULMU	710-th	2947	QYWL	760-th	2588	OTER	810-th	2060	LJLE	860-th
2171	MIVK	711-th	3186	SOLD	761-st	1488	IKBJ	811-th	3011	RILD	861-st
3072	RUXK	712-th	0697	DEXT	762-nd	1633	INSY	812-th	1855	KIPV	862-nd
3535	TOER	713-th	4433	ZOLB	763-rd	1777	JYCX	813-th	2235	MYLE	863-rd
4095	XYVA	714-th	4258	YQQU	764-th	2711	PDMX	814-th	0414	CAOJ	864-th
1934	KYJE	715-th	3662	VAHP	765-th	3052	RUCN	815-th	1038	FOLY	865-th
0033	ADOH	716-th	2819	QADX	766-th	1655	JAPT	816-th	2161	NIBC	866-th
0782	EJOL	717-th	3631	GAMX	767-th	1060	FUKY	817-th	3882	WOPM	867-th
2764	PUOQ	718-th	3464	URBD	768-th	0730	EDIF	818-th	1640	IZEK	868-th
3269	TAUC	719-th	1562	IQEQ	769-th	4052	XUCU	819-th	1103	GADV	869-th
1887	KOWO	720-th	2122	MAXK	770-th	1251	HARR	820-th	1764	JUEH	870-th
0433	CEIG	721-st	2368	MYON	771-st	3255	SYLW	821-st	4082	XYHN	871-st
1385	H YKU	722-nd	0855	BOOS	772-nd	2056	LUCX	822-nd	1504	RIBJ	872-nd
3911	WULR	723-rd	3832	WPHK	773-rd	3351	TUBK	823-rd	4339	ZYBT	873-rd
2608	OVUW	724-th	3008	RIIT	774-th	3754	VUET	824-th	2864	QIOT	874-th
2498	OKUL	725-th	3319	TIUZ	775-th	0964	PAOL	825-th	4485	ZYKQ	875-th
0305	BIDE	726-th	3956	XAGO	776-th	3178	SCDM	826-th	3260	TAKN	876-th
2861	QILJ	727-th	2770	PURR	777-th	0580	DEFB	827-th	5133	SEIW	877-th
3428	UDEZ	728-th	2415	OCDO	778-th	4360	ZAKY	828-th	0205	AVIX	878-th
4142	YFGY	729-th	2680	OGOR	779-th	1890	KOQY	829-th	3375	TYAQ	879-th
0214	AWCO	730-th	4063	XUNS	780-th	4418	ZITV	830-th	0566	DAGB	880-th
2306	NIGG	731-st	0407	CAHE	781-st	0653	DUDE	831-st	0665	DVPP	881-st
1530	INPI	732-nd	1379	HYEP	782-nd	4181	YJXJ	832-nd	3113	SANS	882-nd
1679	JEEL	733-rd	1239	GYOG	783-rd	2872	QIXY	833-rd	2736	POMZ	883-rd
1630	IXOZ	734-th	0922	ENYC	784-th	0346	BOVW	834-th	3782	VYXQ	884-th
4253	QQLA	735-th	2017	LISY	785-th	3664	VAOC	835-th	4009	XIJL	885-th
2576	OSIR	736-th	3719	VIUB	786-th	4065	XUPT	836-th	1809	KAJW	886-th
2230	MYFW	737-th	4329	YXTE	787-th	2303	MIDD	837-th	2247	MYXQ	887-th
1737	JCMO	738-th	1101	GABS	788-th	0966	FEWR	838-th	1312	HIMO	888-th
0831	ENRO	739-th	1814	KAQJ	789-th	0418	CATQ	839-th	0661	DALO	889-th
1227	OYCB	740-th	0621	DIWT	790-th	4395	ZEVV	840-th	0940	EZEZ	890-th
3619	UWVI	741-st	1006	PIGA	791-st	0255	BAFA	841-st	2176	NOBH	891-st
3893	WOTJ	742-nd	3654	VAEZ	792-nd	0838	EPEP	842-nd	1170	GIYQ	892-nd
0168	ARSA	743-rd	0348	BOYG	793-rd	1295	HEVG	843-rd	0985	FEKI	893-rd
1012	FIMY	744-th	2651	QBQP	794-th	3285	TEKP	844-th	1398	HYKX	894-th
0541	CYRZ	745-th	0485	COEK	795-th	2290	NRQA	845-th	2868	QITI	895-th
1425	IDCA	746-th	0241	AZFO	796-th	3384	TYJG	846-th	1164	GIOK	896-th
3163	SINP	747-th	3555	UQOP	797-th	0617	DISQ	847-th	3827	WECI	897-th
4491	ZYRG	748-th	2188	MOOP	798-th	2542	OPNE	848-th	1055	FUFE	898-th
2210	MULA	749-th	1189	GOOJ	799-th	1812	KAMB	849-th	0698	ETYZ	899-th

MILLS

3921 WUNZ
0633 DOLF
0432 OWHI
3536 TOBY
4119 YOUN

MILLS

2647 OZKE
4144 THDE
4080 XIAY
1816 KASU
0648 DOTJ

2270 NAVO	900-th	3539 UPIM	950-th	3593 UTRF	1000-th
2797 PYXF	901-st	3056 RUGP	951-st	0736 EPAD	2000-th
1765 JUPC	902-nd	2643 OZQZ	952-nd	1053 FUDA	3000-th
2558 WJLN	903-rd	3386 TYLJ	953-rd	1152 GICW	4000-th
3003 RIDM	904-th	2526 NOBC	954-th	1941 KYRF	5000-th
1412 ICAZ	905-th	0978 FEDX	955-th	4196 YKOH	6000-th
3466 UHGI	906-th	4265 YRMA	956-th	1496 IKPY	7000-th
3562 TUMP	907-th	0203 AVDY	957-th	2308 NIIQ	8000-th
0391 BYRV	908-th	2846 QEVI	958-th	4058 XUIX	9000-th
4477 ZYCU	909-th	1043 POTR	959-th	4033 XOTZ	10,000-th
1253 HADT	910-th	4463 ZUWR	960-th	2560 NULB	100,000-th
2015 LIQO	911-th	4362 ZAML	961-st	1427 IDEC	1,000,000-th
0476 COBJ	912-th	1546 IPTY	962-nd		
1996 LEVK	913-th	1015 FIPD	963-rd		
0267 BASQ	914-th	2658 PAIT	964-th		
3979 XEEB	915-th	0312 BINW	965-th		
1643 IZIZ	916-th	4256 YQON	966-th		
4398 ZEYH	917-th	0644 CYUD	967-th		
1098 FYYH	918-th	0772 EHUL	968-th		
5128 SEDK	919-th	4455 ZOHM	969-th		
0868 ERTI	920-th	1261 HAME	970-th		
1562 IRAP	921-st	1970 LAVY	971-st		
3773 VUTZ	922-nd	2723 PIYV	972-nd		
0014 ACED	923-rd	1817 KARO	973-rd		
2908 QUIQ	924-th	3006 RIGP	974-th		
2245 MYVG	925-th	1341 HORP	975-th		
0814 EMIN	926-th	0018 ACIF	976-th		
1491 IKKE	927-th	3109 SAJN	977-th		
0385 BYKN	928-th	1741 JORD	978-th		
2526 ONIM	929-th	2026 LOBR	979-th		
4175 YJDA	930-th	2334 NOJW	980-th		
1556 IQRI	931-st	4056 XUGL	981-st		
2140 MEQE	932-nd	3458 UPCE	982-nd		
1176 GOBW	933-rd	2590 OTOT	983-rd		
1745 JOVP	934-th	4145 YFOC	984-th		
1266 HARY	935-th	2877 QOCN	985-th		
0566 DARP	936-th	3315 TIPP	986-th		
3480 UGIG	937-th	3737 VOMS	987-th		
5119 SAUB	938-th	4322 YWXY	988-th		
1861 KIME	939-th	0439 CBOH	989-th		
2790 FYQO	940-th	1659 JAKZ	990-th		
0779 EJLI	941-st	2277 NECN	991-st		
2068 LUTF	942-nd	0894 ETUX	992-nd		
1315 HIPY	943-rd	1493 IKMO	993-rd		
0147 APWY	944-th	0974 FAZS	994-th		
1672 JAXF	945-th	2157 MENE	995-th		
5786 VYLD	946-th	4251 YQEL	996-th		
2448 OFUG	947-th	2292 NESI	997-th		
0436 CELY	948-th	3756 VUGN	998-th		
1947 KYXS	949-th	1889 JEPO	999-th		

NULS

0118 AMQI
3158 SIIV
3405 UBLX
3589 URIR
2647 OZXE

NULS

0635 DOIF
3921 WUWE
3326 TOBY
4119 YCUB
0159 AQWU

CALIBERS and TONS

3490 UKHE	.30 - caliber	0948 EZTF	37 - mm.
2316 NIRI	.45 - caliber	1234 GYJU	60 - pounder
2563 QQNA	1 - pounder	1459 IPED	75 - mm.
2258 NAIS	2.95 - inch	1927 KYCW	105 - mm.
1767 JUSN	3 - inch	3342 TOSB	155 - mm.
4166 YHPI	4.7 - inch	3468 UHIP	240 - mm.
1566 IRQA	5 - inch	0491 CORR	1 - ton
3614 UWIT	6 - inch	5496 UKQJ	1½ - ton
1038 FOWL	8 - inch	2855 QEKC	2 - ton
1453 IGGE	9.2 - inch	2893 QOTO	2½ - ton
0519 CUUF	10 - inch	1554 IQPA	3 - ton
0466 CIRQ	12 - inch	3525 TOAS	4 - ton
1358 HUIH	14 - inch	4283 YSTY	5 - ton
1265 HAQU	16 - inch	3731 VOUM	6 - ton
		1277 HBCT	10 - ton

HOURS OF THE DAY

0198 ATYB	12:01 A.M.	0600 DIAD	6:00 A.M.	4156 YGGU	12:00 Noon	4060 XUKP	6:00 P.M.
2928 QYDF	12:15 "	0943 EPQE	6:15 "	1029 POEF	12:15 P.M.	0968 PATG	6:15 "
0901 EVBU	12:30 "	2186 MOWA	6:30 "	0449 CEZW	12:30 "	1432 IDJY	6:30 "
3607 UVUV	12:45 "	1211 GULY	6:45 "	2310 NILX	12:45 "	2816 QARJ	6:45 "
2161 MILZ	1:00 "	3087 RYMB	7:00 "	1510 HIKE	1:00 "	2668 PAYE	7:00 "
0511 GULM	1:15 "	3779 VYES	7:15 "	0947 EZUD	1:15 "	1607 IVVE	7:15 "
2056 LULI	1:30 "	2288 NEOS	7:30 "	3809 WAJK	1:30 "	3981 XALL	7:30 "
3237 SYNZ	1:45 "	1445 IPKY	7:45 "	4016 XINQ	1:45 "	3048 ROWW	7:45 "
1840 KEQO	2:00 "	0806 ELON	8:00 "	3155 SIPM	2:00 "	0342 BOST	8:00 "
1544 IPRO	2:15 "	1873 KIYQ	8:15 "	4492 ZYSH	2:15 "	2786 PYMA	8:15 "
0997 PEYS	2:30 "	0720 ECJY	8:30 "	3557 TUHQ	2:30 "	2829 QUES	8:30 "
3591 UTOS	2:45 "	1370 HUVR	8:45 "	3043 ROTI	2:45 "	3192 SOSA	8:45 "
1077 FYCA	3:00 "	2784 PYKZ	9:00 "	2369 NUUQ	3:00 "	0216 AWEK	9:00 "
1045 POVS	3:15 "	2891 QORE	9:15 "	1408 IBOC	3:15 "	1248 GYYJ	9:15 "
1775 JYAF	3:30 "	1882 KOHZ	9:30 "	2545 OPQO	3:30 "	0060 AGUL	9:30 "
3344 TOUX	3:45 "	1986 LELZ	9:45 "	1298 HEYP	3:45 "	1973 LAYT	9:45 "
4208 YLMT	4:00 "	5476 UJFA	10:00 "	1208 GUTG	4:00 "	4489 ZYOE	10:00 "
3148 SEYB	4:15 "	0798 EKUN	10:15 "	1257 HAHK	4:15 "	1166 GIRF	10:15 "
2006 LIPT	4:30 "	4482 ZYHM	10:30 "	3784 VUOW	4:30 "	0770 EHNY	10:30 "
3037 ROMK	4:45 "	3083 ROIS	10:45 "	1946 KYWR	4:45 "	1082 FYHU	10:45 "
4327 YXOV	5:00 "	0914 EWCU	11:00 "	3563 UREN	5:00 "	2760 FUXK	11:00 "
3182 SCHQ	5:15 "	1697 JEXH	11:15 "	1191 GORN	5:15 "	3348 TOYZ	11:15 "
1110 GALE	5:30 "	1611 IVZU	11:30 "	1938 KYNY	5:30 "	1810 KAKX	11:30 "
1944 KYUL	5:45 "	2192 MOSY	11:45 "	1057 FUHO	5:45 "	3565 URNA	11:45 "
						0365 BUPT	12:00 mid-night

NULLS

0040 APHE
0118 AMQI
4164 YHDE
2493 OKLO
1818 KASU

NULLS

3849 WEZA
1459 IGOH
2814 QACW
3589 UTLR
1010 FIKO

SYLLABARY

2363 NUOP	a	2748 POYT	ch	3640 UZEY	es	3382 TYHF	in
1436 IPAC	a	3286 TENS	ci	1787 JYMY	es	4079 XYEV	in
0951 FAPT	a	0554 DARE	co	0112 AMAM	est	3880 WOKF	in
1876 KOBS	a	0459 GIJU	com	1028 FODB	et	4461 ZULP	ing
0992 FBSW	a	2391 NYRY	com	2087 LYMO	ev	4061 XULQ	ing
1347 HOXS	ab	0738 EFEF	com	0099 AKYQ	ex	0705 ERFO	ing
0093 AKON	able	3435 UDZA	com	4280 YSQI	f	3807 WAHY	ing
3884 WOJN	ac	2692 PESE	d	0071 AHPY	f	0400 CAAP	ion
1444 IFJU	ad	2471 OKOK	d	4069 XJUB	f	4369 ZAUH	ion
2495 OKNY	ag	0812 EMAL	d	2033 LOIM	fi	3154 SIET	ir
3677 VECCO	age	1179 GORG	da	0805 ELNI	fo	3320 TIVA	is
0273 BAYK	air	0719 ECID	day	3765 VYKC	for	2065 LOQY	is
0001 ABCA	al	3775 VYAR	dd	0982 FEHA	ford	0161 AQYW	is
1136 GELI	all	3248 SYVV	de	0545 CVVH	ful	4450 ZUAW	ish
0068 AFMO	A.M.	0422 CAXT	di	0567 DASN	fully	2163 MINA	ist
3638 UGCY	am	1677 JEGS	dis	3296 Tewa	g	1550 IQAN	it
4204 YLIH	am	1378 HYDB	do	1068 PUTS	g	3282 TETH	it
4070 XUVD	an	2922 QUXL	du	4391 ZERR	g	4122 YOYC	it
3625 UXBY	an	3527 UNKA	e	0220 AWUC	ge	3550 UFAL	ite
0375 BYAW	an	3610 UVXY	e	1991 LEQI	gh	0975 FRAG	ive
2113 MAOS	and	1171 GIWR	e	3691 VERV	go	1868 KJTD	ize
2976 REBY	any	3787 VYMF	e	1727 JOCV	gr	3982 XEHY	j
3863 WINR	ar	1357 HUHE	e	4405 ZIFO	h	0038 AFEG	j
2402 OBCCO	are	2841 QERB	e	3907 WUEN	h	0077 AUKA	k
2605 OVTE	are	1523 IMYQ	ee	3579 USQE	h	3763 VUNF	k
0039 AFGA	arm	3554 UQNE	ec	1389 HYOH	h	1760 JUKI	ke
2752 FUCD	as	2536 OPAL	ed	1233 GYIF	ha	3358 TUIT	ki
2854 QIER	as	1477 IJIJ	ed	1305 HIFX	he	1762 JUMU	l
3057 RUBE	at	1879 KOKK	ed	2086 LHLI	he	1069 FUUH	l
2957 RAHN	at	2960 RAKQ	ed	1686 JEME	hi	3200 SUAQ	l
1149 GEZS	at	2350 NUAL	ee	2512 OMAJ	him	1131 GEGZ	la
3657 VARX	at	4097 XYXI	ef	4292 YTPA	his	2945 QTUR	ld
0518 CUEV	ate	1726 JOBT	ei	1093 FYTT	hit	4046 XOWF	le
3015 RIPH	ation	2850 QIAQ	ei	2320 NIVY	i	2000 LIAL	led
2062 LUNO	b	3450 UGAB	em	2680 FRFP	i	1859 KIKK	less
1862 KIMI	b	0970 FAYP	en	4384 ZEJY	i	0349 BOZR	let
0091 AKME	b	1282 HEEZ	en	1774 JUZT	i	1478 IJJE	li
0210 AVYC	bc	0529 CYEZ	en	0829 ENER	i	2791 PYRU	ll
4382 ZERU	be	1344 HOUL	en	1755 JUFX	ia	2045 LOVP	lo
1486 IKAH	bed	1665 JAQO	ence	3736 VOLR	ic	3249 SYZL	ly
3670 VAVH	bi	2650 OKXZ	end	2142 MESO	ie	3844 WUUD	ly
1722 JIXQ	bl	1174 GIZT	ent	4423 ZIYG	ied	4357 ZAHO	m
3376 TYEL	by	2475 OJEG	ent	1316 HIRD	ies	3366 TURB	m
3137 SEMS	c	2040 LOQU	ent	2179 MOEM	if	3969 KAUG	m
0710 EBUF	c	0891 ETOW	eo	1997 LEWL	il	1147 GEXR	ma
4066 XURC	c	3484 UJUJ	ep	2484 OJUK	ill	3683 VEIZ	man
0208 AVWA	ca	3272 TAZA	er	0327 BOCE	im	2150 MIAM	may
3317 TISJ	can	1240 GYFN	er	2929 QYEN	im	1440 IPFE	me
3026 ROBL	car	2720 PIVU	er	2035 LOLA	in	1667 JASY	me
1089 FYOF	ce	0616 DIRP	es	2623 OWZU	in	0128 ANPA	men

MULLS

0136 APAP
0154 AQ'IA
0433 DOLF
3921 WURE
5158 SIII

MULLS

3328 ROBY
3921 WURE
3889 UELR
0452 GHEI
0648 DOYJ

3250	TAAW	ment	1062	FUML	os	0141	APQA	s	1466	IHHH	u
2339	NOOQ	ment	2374	NUZG	ot	0082	AJPU	s	3855	WIFY	ul
4068	XURJ	met	2155	MIFG	ou	4155	YGFO	's	0202	AVGU	un
3139	SEOX	mi	2725	POAN	our	3267	TASG	sa	3481	UJKU	un
1877	KOCT	mm	1590	ITOV	ous	2041	LGRY	se	2807	QAEH	under
2548	OPDQ	mp	3594	UTSI	out	4120	KOWA	send	1027	FOCZ	up
0956	PAGE	mo	2518	OMNO	over	3975	XBAZ	sent	5634	UXYZ	ur
2105	MAFD	ny	3999	XEZR	own	2887	QOMZ	set	3215	SUNX	us
4436	ZOLN	n	0294	REUH	p	2279	NEEQ	sh	0972	PAXR	ut
3314	TIOX	n	4375	ZEAB	p	2695	PETI	ship	3262	TAMQ	uv
0802	BICA	n	1121	GAWH	p	2958	RAIW	si	1325	HOAG	v
1254	HABL	n	1474	IJAG	pe	0175	ASEY	side	1926	KYBV	v
0683	DYIC	n	0568	DATF	pe	3452	URDE	so	1325	HYOB	v
2450	OGAC	na	1553	IQGR	per	2401	ORBI	so	1515	IMLA	ve
1913	KUNU	no	3965	KAPP	P.M.	1127	GRGV	son	4224	YNAH	via
0223	AWZE	nd	1273	HAYQ	po	2194	MOUQ	sp	3465	UHFE	view
4263	YRDM	nd	4124	YDAW	pr	1907	KUHB	ss	3388	TNXX	w
1850	KLAK	nd	2708	PILR	pro	1354	HUEG	st	3247	WEXG	w
0711	EBJG	ne	0743	EFJO	q	1751	JUBV	st	2581	OSTO	w
0961	PALI	ness	1351	HUEW	q	3954	WYJQ	st	3083	RYIQ	wa
2262	NAMK	nest	2682	PEHF	qu	1615	INEV	sub	4172	YHDG	ward
0537	CYMP	net	3746	VOYB	r	2108	MAIR	sun	3972	XAXX	was
2650	PAAR	ni	1246	GYWV	r	3126	SEBU	t	0900	EVAT	way
1547	IFUR	no	2079	LYEJ	r	3434	UDYF	t	3167	SISB	we
1138	GENU	no	2377	NYGS	r	4309	YVVU	t	2670	PAVI	well
2938	QYHA	non	2750	FUAM	r	2357	NUBW	t	4019	XIUD	west
0559	DAJE	not	0002	ABDE	ra	2905	QUFF	t	0587	DEMY	wi
2449	OFYH	na	3024	RIZY	rd	3898	WOYC	ta	1522	IMUP	wide
3459	UGOF	nt	1734	JOJA	rd	0702	EBCE	te	3226	SYEM	will
4167	YHGO	o	0367	BUSV	rd	2209	MKKB	ter	3203	SUDM	with
3925	WYAS	o	0864	ERIS	re	0429	CEEF	th	0662	DUMM	wo
0235	AXZA	o	1962	LANB	re	0320	BIVV	th	3145	SEVA	x
2558	OQSU	o	2096	LYWQ	re	4262	YRAL	th	2846	QEWQ	x
0824	ENAM	o	3055	RURD	red	3632	UXWI	ti	4272	YRUU	y
0673	DUYH	of	2589	OTIS	res	2225	MYAJ	tlon	4127	YRDU	y
3681	WUGL	of	3429	UDFU	rest	1844	KRUQ	tis	3081	RYGG	yard
4478	ZYDY	off	2426	ODCE	ri	3061	RUMX	to	0506	CUGU	s
0700	EBAZ	O.K.	1279	HEEK	rm	3523	UMYX	to	1008	PIIH	z
0995	FEVQ	O.K.	2148	MEYT	rn	3822	WALJ	to			
1797	JYXT	ol	0727	EDFE	ro	3474	UJAD	ton			
2275	NEAP	old	0140	APOS	road	2243	MYTF	town			
1928	KYDX	om	2167	MIRO	rs	4098	KYXB	tr			
3687	VEMQ	on	2311	NIMZ	rt	2777	FYCG	tri			
1484	IJUL	on	0895	ETVE	ry	0823	EMXR	try			
2335	NOKX	on	2465	OJYL	s	2294	REUT	ts			
2675	PEAQ	on	0651	DURJ	s	0409	CAJI	tt			
1259	HAKB	oo	4425	ZOAX	s	2372	NUXF	tu			
0151	AGER	or	2102	MAGN	s	3379	TYER	ty			
3100	SAAV	or	2573	CRYT	s	2531	OMPO	u			
2975	REAS	or	3890	WOPT	s	2618	ONUX	u			

NULLS

4164 YHDE
0118 AMQI
0633 DOLF
1319 HIUM
2814 QAOW

NULLS

3405 UBIX
3921 WUWE
4050 XIAY
4119 YUUB
3326 TOBY

V O C A B U L A R Y

0992 FESN	a		NULLS	0178 ASOW	aid		NULLS
1876 KOBS	a	0633	DOIF	1177 GOCX	... station		2493 OKLO
0951 FABT	a	4164	YHDE	2453 OGFE	Aide-de-Camp		2647 OZXE
1436 IFAC	a	3526	TOBY	3615 UWOV	aim		3921 WUWE
2863 NUOP	a	3589	UTIR	0273 BAYK	air		0648 DOYJ
2683 PEIS	abandon	1010	PIKO	1555 IQQE	... Park		1468 IGOR
0093 AKON	able			3257 TAHL	... Service		
0256 BAGE	about			0685 DYKL	Airdrome		
2890 QOQA	..... to advance			3772 VUXO	aircraft		
0519 BIUG	above			2894 QOUT	.....-Ground Troops Code (No.)		
3732 VOHN	absolutely impossible			2063 LUOM	airplane		
1081 FYGO	..... necessary			3959 XAJY	airplane		
3884 WOJN	ac			0473 CIYJ	..... reports		
1230 GYFE	accident			1463 IHRO	airplanes		
1911 KULI	accidentally wounded			3814 WAOD	airship		
2592 OTRA	accompanying gun			0001 ABCA	al		
3427 UDDO	according			2034 LOKB	alert		
0661 DULL	..... to			2934 QYJW	all		
1381 HYGE	accurate			0297 BEXW	all		
2993 BETA	acknowledge			1136 GELI	all		
1998 LEYS	acknowledgment			3928 WBYB	... communications out		
2279 TEEW	acknowledgment requested			4288 YTEP	... concerned		
3792 VYSA	acknowledgment requested			4481 ZYGL	... objectives reached		
4012 XIMP	acknowledgment requested			1891 KRCR	... points		
1628 IXEW	across			0330 BOFO	... ready		
1759 JUJE	act			2435 ODYG	... returned		
2427 ODDI	action			1104 GAER	... right		
4085 XYKO	active			3208 SUIS	... stations		
1529 INOP	activity			2965 RAFP	... well		
1954 LAEP	adjoining			4178 YJGI	... your messages received		
0023 ACYJ	adjust			0486 COLL	almost		
3854 WIEK	adjustment (Bn-1,G-1,R-1,Sq-1)			2520 OMPU	alone		
1581 ISUV	adjutant (See also under B-1/)			0201 AVBO	along		
0630 DOPE	advance			4000 XIAX	already		
2822 QAXD	advance guard			2803 QADL	also		
1852 KICS	advanced			0571 DAWR	alter		
3981 XRGU	..... Headquarters			4130 YDIZ	although		
0224 AXAX	advancing			0125 ANEP	altitude		
0286 BELK	advantage			4666 YRNE	always		
3385 TYKH	advisable			0068 AHMO	A.M.		
3940 WYFO	advise			0555 CYKH	am		
1480 IJLO	..... when completed			4204 YLIH	am		
1309 HIJA	aero			3638 UZCY	am		
4037 XOMQ	aeronaut			0402 CACX	.. not		
2561 OQYS	after			1190 GOPD	ambulance		
0592 BYSG	afternoon			1589 ITIT	..... Battalion		
0978 FEEN	again			2529 ONNI	..... Company		
2496 OKOK	against			0585 DEKO	..... No. 1		
3677 YECC	age			3688 VENR	..... No. 2		
1019 FIUK	agree			2833 QEIT	..... No. 3		
BLANKS							
2780 PYFT	.....			1821 KAVK	.....	
2112 MANZ	.....			3439 UFDI	.....	
2821 QAWI	.....			0336 BOLM	.....	

-18-

3057 RUHG	at	NULLS	2071 LUWH	bank	NULLS
1203 GUDB	.. least	0432 CEHI	0716 ECFI	barbed wire	2493 OKLO
1968 LATU	at once	3649 WEZA	2953 RADK	barn	3326 TOBY
2154 MIEN	at once	1010 FIKO	3971 XANW	barrage	3689 UTR
2983 REIV	at once	4164 YHDE	2882 QOHG	barrage	2614 QACW
4458 ZUIZ	.. point	4119 YCUB	1111 GAMI	..... wanted	0040 AFHE
0973 FAYN	.. present		2927 QYCD	barricade	
0518 CUTV	ate		3920 WUYA	base	
3015 RIFH	ation		4162 YHAB	battalion	
1885 KOIL	attack		0785 EJYN	battalion	
3901 WUBU	attack		1571 IRVU	battalion	
2869 QIUV	..... failed		4091 XYRH	Battalion Adjutant (Bn-1)	
1119 GAUN	..... ground troops		0666 DURR	Battalion Adjutant (Bn-1)	
0775 EJ EJ	..... postponed		2971 RANE	Battalion Headquarters	
3825 WEAX	..... successful		1369 HUKQ	Battalion Headquarters	
2476 QJGA	attacked		1835 KELB	....., Horse Artillery (Bn-2)	
1932 KYHA	attackin		0480 CQFI	Battalion Intelligence Officer,)	
3752 VUCK	attempt		3976 XEBA	Battalion Intelligence Officer,)	
1290 HEQY	attention			(Bn-2)	
2782 PYHW	August		4296 YTVU	Battalion Plans and Training	
0049 AFYL	automatic			Officer (Bn-3)	
3743 VOTC	..... rifle		1585 ISYW	Battalion Plans and Training	
3836 WELN	..... .. ammunition			Officer (Bn-3)	
1272 HAKH	automobile		2806 QAIW	Battalion Supply Officer (Bn-4)	
1501 ILEK	Automotive Section. Ordnance Company		0564 DAOK	Battalion Supply Officer (Bn-4)	
4390 ZEPP	auxiliary		0762 EHAG	battery	
3479 UJIG	available		1301 HIBT	battery	
3295 TEVD	Aviation Officer		3021 RIWO	battery	
1846 KEND	aviator		2862 QIMK	..... A	
3897 WOXE	avoid		4126 YDCO	..... B	
0548 CYYF	await		3182 SIMD	..... C	
2948 QYYS	..... instructions		2741 PORI	..... D	
4499 ZY2I	away	cations	4315 YWOT	..... E	
0965 FANU	Axis (or Axes) of Signal Communi-		3945 WYWE	..... F	
0091 AKME	b		3711 VILQ	battle-s	
1862 KINI	b		1313 HINU	bayonet	
2062 LUNO	b		4209 YLOJ	be	
	B-1,2,3,4 (See under Brigade)		0117 AMPE	be	
3983 XEIC	back		4382 ZEHU	be	
4346 YZWI	..... area		0210 AVYC	be	
2638 QZCU	bad-ly		2873 QIYW	.. prepared to attack	
1893 KOTF	badly damaged		2354 NUFM	.. ready	
4191 YKHI	badly wounded		2429 ODPO	.. sent	
1819 KATY	badly wounded		1214 GUOH	because	
0012 ACAC	baggage		1486 IKAH	bed	
2762 PUMB	..... Section, Field Train		0188 ATCY	been	
3064 RUPB	ballast		0987 FEMU	been	
0692 DYST	balloon		3076 EYBE	been	
2912 QUNE	. .... Company		4284 YSUR	before	
2378 NYDT	Band Leader		2414 OCCI	began	
			3536 UPAK	begin	
			0856 EUCY	begin	
			1539 IPIP	beginning	
		BLANKS			
1022 FIXT	.....		3307 TIHM	.....
2709 PIKJ	.....		0016 ACGI	.....
4389 ZEOF	.....		2002 LICJ	.....

0492	COSS	begun		4252	YQDM	Brigade Adjutant (B-1)	
2440	CFEC	behind		3620	UWVO	Brigade Adjutant (B-1)	
2801	LIBH	behind the lines		0729	EDHO	Brigade Intelligence Officer (B-2)	
0031	ADKV	being		3843	WETW	Brigade Intelligence Officer (B-2)	
2451	OGDA	being		0169	ARVI	Brigade Plans & Training Officer (B-3)	
1423	ICYG	being		2827	QECL	Brigade Plans & Training Officer (B-3)	
0163	ARES	..... established		3894	WQEB	Brigade Supply Officer (B-4)	
3588	UTBQ	..... pushed back		1145	GEVP	Brigade Supply Officer (B-4)	
1617	IMNI	..... relieved		1183	GOIH	Brigade Headquarters	
0688	DYNP	..... sent		1738	JONU	Brigade Headquarters	
2472	OHUJ	..... shelled		1165	GIPC	bring	
3271	TAWP	believe		4397	ZEXX	bringing	
4100	YBAT	belong		1402	IBCI	broke	
1871	KIWG	below		0305	BIFI	brought	
3805	WAFQ	belt-s		3413	UCBI	brown	
0264	BAOH	Bengal Flares		2022	LKXF	Browning machine gun	
4245	YPOM	best		3642	UZCX	build	
1296	HEWH	better		0020	ACKY	bullet	
3889	WOOZ	between	NULLS	1594	ITUW	burn	NULLS
1942	KYSN	between	0648 DOYJ	1601	IVBY	burst	1010 FIKD
0064	AHIK	beyond	1459 IGOH	1063	FUMM	but	0154 AQRA
3670	VAVR	bi	3405 UBIK	1960	LALX	but	4060 XUAV
2481	OJLV	billet-s	1818 KASU	2101	MABM	buzzer	2647 OXZE
4215	YMIJ	bivouac	0432 CBHI	3102	SACU	busserphone	2814 QACW
2099	LYZS	black		0626	CYBE	by	
3870	WIVJ	blue		2345	NOUR	by	
4274	YSAM	.... rocket	[Battalion]	3376	TYBL	by	
		Bn-1,2,5,4	(See under)	2293	NETO	.. enemy	
0606	DIGE	board		2651	PABK	.. our	
4090	XYPF	boat		3227	SYCN	.. platoon-s	
2323	NITP	body		2773	PUYS	.. rocket	
3586	UROQ	bomb		3047	ROXY	.. runner	
4421	ZIWX	bomb		3521	UMPY	.. series of	
1801	KABC	bombard		2305	NIFF	.. surprise	
3284	TEJN	bombarded		0105	ALOP	.. the	
0252	BACZ	bombardment		4066	XURG	c	
3728	VCBU	bombing		0710	EBUF	c	
1141	GERD	..... plane		3137	SEMS	c	
2800	QAAS	border		0208	AVWA	oa	
1701	JIBS	both		4408	ZIIC	cable	
1749	JOZS	bottom		0137	AFEQ	caliber	
2717	PISI	box		2386	NYME	call	
0183	ASXO	branch (Division Air Service)		0249	AZYG	call	
1788	JYNO	Branch Intelligence Office-r		2202	MUCS	.... letter-s	
3177	SOCL	break		2707	PIHG	camera	
3820	WAVW	bridge		3327	TOCK	camouflage	
4330	YXUW	bridgehead		4340	YZIV	camp	
1981	LEGT	brigade		3090	RYQE	can	
4144	YFIB	brigade		0398	BTYD	can	
4051	XUBO	brigade		3317	TISJ	can	
			BLANKS				
3365	TUPH	.....		0029	ADIG	.....
1748	JOYN	.....		2691	FERA	.....
4105	YBOX	.....		1107	GARZ	.....

1046 FOWT	can be	HULLS	3810 WAKL	church	HULLS
0431 CBGE	... you	1319 HJUM	3784 VYJZ	cipher	0154 AQRA
2988 RBNF	canal	0118 AMQI	1128 GEDW	..... device	3326 TOSY
0542 CYSV	cancel	1459 IGOH	3324 TIZO	clear	0619 DIUJ
2798 FYTR	cannot	3406 UBIK	0793 EKMI	clearing	3589 UTRR
1100 GAAJ	cannot	2493 OKLO	4049 KOZE	clip	0159 AQWU
3631 UXVE	cannot		2667 PASA	close	
0155 AQSE	..... decipher		1989 LEOQ	cloud	
2240 MYQY	..... decode		0654 DAEH	co	
4365 ZAPN	..... send		2217 MUSC	coast	
0085 AJYP	..... you		2278 NEDC	code	
2410 OBYD	Captain		0000 ABAB	CODE LOST (MEMORIZE GROUP)	
1901 KUBT	captive balloon		2492 OKKI	code name	
3878 WODY	capture		2838 QEWG	Collecting Station	
2370 NUVC	captured		4239 YPIL	Colonel	
2907 QUHH	captured		3301 TIBU	column	
3026 ROBL	car		2391 NYRY	com	
3682 VEHL	carry		0459 CIJU	com	
4470 ZUVJ	cartridge		2081 LYGZ	combat	
0752 EGGA	case		2897 QOKK	..... train	
1353 HUDZ	casualties		0444 CEUJ	come	
2815 QAPG	casualties		0026 ADFA	come	
3264 TAOB	..... heavy		3815 VIPT	come	
2631 OKVA	..... light		3352 TUCL	coming	
3073 RUYV	cavalry		3859 WIJM	coming	
3665 VAPR	cavalry		5502 ULHA	..... out	
4043 XOTH	Cavalry Brigade		1815 KANA	..... up	
2315 NIOR	Cavalry Brigade		3461 UGYH	comma	
0577 DECK	Cavalry Division		0410 CAKO	command	
0197 ATKI	Cavalry Division		1094 FYGG	command	
1089 FYOF	ce		0387 BYMQ	Command Post	
2257 MAHF	cease		2879 QOEQ	Command Post	
1673 JAYR	center		1886 KOMI	Command Post	
1473 IHYL	center		3646 UZWE	Command Post established	
3124 SAZI	centimeter		0468 CITS	Command Post established	
3185 SOKZ	certain		0617 ENOP	Commander	
2748 POYT	ch		2291 NERE	commanding	
0362 BUMP	change		1730 JOFK	Commanding General	
4170 YHJY	chaplain		3600 UVAQ	Commanding General	
3151 SIBY	charge		4276 YSIP	Commanding General	
2191 MORU	chase		1554 INUQ	Commanding Officer	
2337 KOMB	Chemical Ammunition Train		0135 ANIT	Commanding Officer	
3655 VAFU	..... Battalion		3069 RUTT	Commanding Officer	
1509 ILQY	..... Regiment		0883 ESXU	commence	
0620 DIVS	..... Warfare Service		0218 ANIZ	commence	
3484 UGFI	chief		5661 VALN	commenced	
2840 QYFE	..... of Artillery		2445 DFJY	commencing	
2787 FTNE	Chief of Staff		4442 ZOSV	commissioned officer	
1326 HOBV	Chief of Staff		0007 ABID	communicate	
4186 YKAD	Chief of Staff		1270 HAVF	communicating trench	
		BLANKS			
1206 GUGE	.....		4334 YXXK	.....
3346 TOWI	.....		2180 MOFT	.....
0062 AHAR	.....		1908 KUIK	.....

3591 TYRA communication
 3150 SIAS communication
 2676 PEBL Communications Officer
 1636 IZAW Platoon
 3799 VYZY Section
 0634 DOJU companies
 2957 QMSB companies
 0666 DELU company
 2132 MEHH company
 2923 QYTT company
 1409 IBUD A
 4328 YXSA B
 4497 ZYXE C
 0697 DYKJ D
 3520 UNOL E
 0100 ALAL F
 1561 IQEP G
 3628 UKOW H
 0860 EQWY I
 0902 EVCY K
 0938 EXCI L
 3846 WEVH M
 3234 SYKJ compass
 0695 DEVR compel
 4376 ZEBJ complete
 2610 OYXK complete
 2509 OLPY completed
 1719 JIUN completely
 2044 LOUP comply
 3435 UDZA con
 0738 EFEP con
 4490 ZYPT concentrate
 2689 PEOT concern
 4004 XIEZ conclude
 0280 BEFE concrete
 0746 EPOH condition
 3549 UPYQ condition
 1448 IFUH conduct
 0056 AGLO confident
 3559 UQSY confirm
 0512 CUMN connect
 3495 UKMY consider
 0924 EKAW considerable
 2107 MAHG consolidate
 4434 ZOJL construct
 0889 ETET Construction Company
 3196 BOWO Platoon
 2574 GSAP consult
 1766 JURF contact
 1575 ISER continue

NULLS

0154 AQRA
 3326 TOBY
 0619 DIUJ
 3589 UTIR
 0159 AQWU

1789 JYQJ continuous
 3363 TONG control
 1688 JEON converge
 1226 GYBZ convey
 1451 IGEP coordinate-s
 4182 YJKY coordinate-s
 4023 XIYP coordinate-s
 1244 GYUH code
 1288 HCOM corner
 0895 ETTA corporal
 1753 JUDX Corps
 3705 VIFK Corps
 1361 HULU Corps
 4301 YVEQ Artillery
 0959 FAJA Commander
 1654 JAEM Corps Headquarters
 2700 PIAP Corps Headquarters
 4400 ZIAZ correct
 3042 ROSE correspond
 1651 JABH could
 2733 POIQ could
 2551 OQEN be
 0437 CEMC not
 4286 YSTS counter
 0768 EHLO-attack
 0075 AJEK-barrage
 1207 GUHI courier
 4454 ZUEX airplane
 4401 ZIBA Section
 0911 EVZO course
 3528 UNLE course
 1621 TWXI court
 0841 EPOR cover
 4448 ZOYF covered up
 1886 KOMI C.P.
 2879 QOEQ C.P.
 0887 BYMQ C.P.
 0468 CITS C.P. established
 3646 UZWE C.P. established
 2146 MEWK crater
 1250 HAAK crew
 2826 OXCY critical
 0801 ELEL cross
 1078 FYDE roads
 0069 ARNU crossing
 2769 PUTY culvert
 0063 AMEJ out
 3062 HEMZ out
 3830 WEFU ... off
 2463 OHRP cycle

NULLS

0040 AFHE
 3158 SIIV
 2647 OZKE
 4164 YHDE
 4119 YCUE

BLANKS

1953 LADD
 0611 DILY
 3595 UTTO

2010 LILB
 4409 ZIKK
 0145 APUT

-22-

1490 IKJA	cylindrical cipher device		3146 SEWE	designate	
0812 EMAL	d		0701 EBBA	desire	
2471 OHOH	d		0811 BILL	destroy	
2692 PESE	d		2121 MAFY	destroyed	
1179 GOEG	da		3110 SAKP	destroyed	
1458 IGLY	daily		2975 RAYB	destruction	
2987 REMD	daily		3574 USAN	detach	
4106 YBUZ	..... report		3006 RIFN	detachment	
3883 KOIX	..... supplies		0581 BYGK	detachment	
3268 TATH	damage		0821 EMSY	detail	
3169 STUX	damaged		0852 EQIR	details follow	
0229 AXFU	damp	NULLS	3543 UPNI	detect	NULLS
5615 UMJA	danger	0136 APAP	1915 KUFY	develop	0040 APRE
0471 CIWV	dark	3158 STIV	3769 VUWX	deviation	2814 QAOW
2979 REET	darkness	0432 CEHI	0422 CAXT	di	0653 DOIF
3738 VOND	dash	3589 UTIR	3468 UREG	did	0432 CEHI
2166 MIQI	dash	1459 IGQH	1335 HOKI	did	3849 WEZA
0337 BOMN	date		2712 PINZ	... not	
0494 COUG	dawn		0177 ASIV	died	
0719 ECID	day		2419 OCIB	difficult	
0126 ANIQ	daylight		3955 WYKR	dig	
0254 BARF	daylight		4229 YNLI	digging	
3775 VYAR	dd		2656 PAGP	diminish	
3248 SYVV	de		4028 KODU	direct	
2328 NODF	dead		2399 NYZJ	direction	
3212 SUMF	December		3874 WIZE	..... of	
4428 ZODO	decimal point		0017 ACHO	dirigible	
1710 JILE	decimal point		1677 JEGS	dis	
3963 XANW	decimal point		1235 GYKY	disable	
2724 PIZL	decode		2211 MOME	discontinue	
1396 HYWT	decrease		2128 WEDD	disorder	
0191 ATIW	..... range		3010 RIKC	dispatch	
2444 OFTD	deep		2269 NAUV	distance	
2084 LYJA	defect		2004 LIEM	distinct	
2265 NAPZ	defend		3850 WIAW	distinguish	
1639 IZDU	defense		2915 QUCE	distribute	
0626 DOEZ	defensive		1223 GUYK	Distributing Point	
2174 WIZH	definite		3989 XEOD	disturb	
2997 REXO	deflating		2400 QEAW	divide	
4157 YGHY	degree-s		3370 TUVI	Division	
4412 ZIMN	delay		0376 EYBI	Division	
1510 IVYZ	delayed		3673 VAYF	Division	
2222 NUWH	demand		1469 IHLU	..... Field Code	
0663 ERER	demolish		3695 VEYJ	..... No.	
0088 AKEL	deploy		2671 PAWO	Division Headquarters	
2233 WYIL	depot		3276 TERO	Division Headquarters	
3817 WAST	depth		4194 YKKU	..... Train	
1278 HEDV	Deputy Chief of Staff		0905 EVOX	do	
0725 EDDA	descending		3173 STYZ	do	
3904 WUEV	desert		1378 HYDB	do	
		BLANKS			
2418 OCCY	.....		0508 CUIC	.....
3111 SALSQ	.....		4446 ZOWJ	.....
1504 ILLE	.....		3916 WURH	.....

1559 IQDS	do not		1921 KUWQ	effective	
3636 UXZU	do not		0425 GEAD	Eighth Corps	
3424 UDAX	.. .. .	understand	1726 JOBT	ei	
3828 WEDO	.. you		2850 QIAQ	e1	
2058 LOON	.. .. .	know	3450 UGAB	em	
0839 EPTQ	does		3728 VODK	emergency	
2095 LYVP	does		4261 YQYQ	..... Code	
2902 QUCC	.... not		3931 WYGN	emplacement	
3997 XEXJ	doing		1344 HOUL	en	
0324 BIZZ	done		0629 CYEZ	en	
1949 KYZT	double		1282 HEHZ	en	
0826 ENIP	.....	transposition cipher	0970 FAVP	en	
2847 QEXU	doubt		1665 JAQO	encè	
1683 JEMJ	down		3580 USRI	encode	
4372 ZAXW	down		2245 MYWH	encounter	
1617 IWGX	dressing station		3217 SUSE	end	
0649 DOZX	drive		2630 GXUZ	end	
4057 XUHW	driven back		3914 WGOX	endeavor	
0929 EXFY	.....	out	1841 KERU	enemy	
3132 SEHN	drop		4480 ZYFK	enemy	
0532 CYHK	drown		0260 BAKU	enemy	
0691 DERN	dug-out		3475 UJEF	enemy	
1217 GUSQ	dummy		3238 SYOS	.... airplane	
4135 YDZE	dump		1752 JUCW	.... artillery	
0876 ESIT	during		3471 UHOG	.... attack	
4464 ZUOB	during		1974 LAZM	.... barrage	
0292 BESR	during		4458 ZONQ	.... being reinforced	
2228 MYDV	.....	the night	0662 DUCA	.... cavalry	
3195 SOTE	duty		2486 OKAG	.... field artillery	
2841 QERB	e		1386 HYLY	.... firing	
1567 HUBE	e	NULLS	2580 OSSI	.... ground station	
3787 VIMF	e	1319 HIUM	2283 NEIR	.... has broken through	
1171 GIWR	e	1010 FIKO	0363 HUNQ	.... heavy artillery	
3610 UVXY	e	4119 YCUB	1545 IPSU	.... infantry	
3527 UNKA	e	3589 UHIR	3599 UTIV	.... light artillery	
1623 IMVQ	ea	2493 OKLO	1197 GXGT	.... machine gun	
2405 OBYF	each		3437 UFBA	.... patrol	
2661 PALD	early		2603 OVOV	.... position	
4117 YCIX	earth		1339 HOOK	.... preparing	
2302 NICC	east		3118 SATJ	.... raid	
1856 KIGW	east		2381 NYGW	.... reinforcements	
3443 UFHY	....	of	3924 WUZO	.... tank	
3564 UQNE	eo		2500 OLAH	.... trench	
3308 TITW	echelon		2208 MUMM	.... trenches	
2980 RAKQ	ed		1776 JYEW	.... troops	
1879 KOEK	ed		2196 HOKD	.... wiring party	
1477 IJIJ	ed		0672 DUXK	enfilade	
2536 OPAL	ed		2903 QUDD	engine	
2350 NUAL	ee		1465 IHHE	Engineer	
2136 MEMZ	effect		3556 UQPI	..... Battalion	
BLANKS					
4015 XIPI	.....		0909 EVXI	.....
1536 IPAM	.....		3503 ULIJ	.....
2205 MUPV	.....		4422 ZIXJ	.....

3700 VIAV engineers
 0712 ECAB enlisted men
 0009 ABOF enough
 2040 LOQU ent
 2475 OJEG ent
 1174 GIZT ent
 2461 OGYJ entanglements
 3482 UJLY entanglements
 2606 OLLI enter
 4017 XISV entire
 2785 FYLB front
 0645 DOWT entrench
 1009 FIJT equip
 2720 FIYU er
 1240 GYPN er
 3272 TAXA er
 2068 LUDV error
 1787 JMYI es
 3640 UZEV es
 0618 DIRP es
 1066 FUPN essential
 2019 LIUQ essential
 0112 AMAM est
 0316 RIPP establish
 0732 EDKY established
 0529 CYZA established
 1028 FODE et
 4081 XYGM evacuate
 3608 ULNH Evacuation Hospital
 0061 AGNH evening
 2613 OWEY evening
 1116 GAGY evening
 4164 YHEC evening report
 1084 FYJY evening report
 1832 KEHW event
 0696 DYVW every
 1605 ILMI everything
 3171 SIWI everything
 1696 JEWG everywhere
 2678 FEEN evident
 0099 AKYQ ex
 0475 COAB exact
 1299 HEZE range
 2067 LUSD examine
 3079 RYEP except
 0361 BUEE excepting
 3230 SYPD exception
 1400 IBAX execute
 2416 OCEZ Executive Officer
 3169 SOOV exhausted

NULLS
 2647 OZXE
 3689 UTIR
 2814 QAOW
 0164 AQRA

2944 QYTY exhausted
 2057 LUHZ expect
 2776 PYBH explode
 2317 NISO expose
 4202 YLGA extent
 4173 YHYH extreme
 4069 XUUB f
 0071 AHPY f
 4280 YSQI f
 2566 ORPA fail
 2394 NYUP failed
 3336 TOLC fair
 4267 YROP fall
 2899 PEZC falling
 0028 ADHI back
 3774 VUZU far
 0095 ARQU farm
 1392 HYSQ fast
 2007 LIHW favorable
 4336 YZAS favorable
 4096 XYWE favorably
 2792 PYSY February
 1074 FUZZ fest
 0642 DOSR fest
 2932 QYHV fell
 4077 XYCY ferry
 2642 OZIX few
 3129 SEEV few
 0869 ERUV field
 0180 ASUX Field Artillery
 1160 GIAG Field Artillery
 3204 SUER Field Artillery
 2359 NUKZ Field Artillery Brigade
 0160 AQAQ Field Artillery Brigade
 0299 BEZX Hospital
 0856 EQSI Fifth Corps
 3833 WEIB Division
 0832 ENSU fight
 3967 XASS fighting
 1642 IPPE fighting
 4298 YTVY figure
 1743 JOTG file
 0268 BATR fill
 1688 ITES film
 0620 CUVW final
 1824 KAZH Finance Officer
 2865 QIPZ find
 4507 YVTO finish
 0690 DRPD fire
 4386 ZELL fire

NULLS
 4164 YHDE
 1319 HIUM
 0118 AMQI
 0040 APHE
 1010 FIKO

BLANKS

0527 CYGI
 1414 ICCE
 2604 OVSA

3022 RIXU
 0930 FEFZ
 3721 VIWA

3180 SOFN	fire adjustment		1000 FIAF	forward	
4333 YXKU	.... control		0845 EPSO	..... Communication Central	
3400 UBAV	fired		1451 IDID	..... Echelon	
0886 ETAS	fireworks		3199 SOZY	found	
0500 CUAZ	firing		4150 YGAZ	Fourth Company	
1770 JUVQ	first aid		1039 FOCH	..... Corps	
3917 WUSJ	..... station		3618 UWUW	..... Division	
3142 SESJ	..... Army		0538 CYNQ	frequent	
4225 YNEJ	..... Battalion		3880 TYFP	fresh	3158 SIIY
0086 AKAK	..... class		3952 XACA	Friday	0619 DIUJ
1583 HYIG	..... Company		4399 ZEEZ	friend-ly	2814 QAOW
2177 MOCJ	..... Construction Section		1132 GEHB	from	4119 YCUB
1732 JOHB	..... Corps		0121 AMTY	from	2493 OKLO
4200 YLAF	First Division		2436 OPAB	from	
0003 ABEC	First Division		3603 UVOT	.... the	
1247 GYXW	First Division		4183 YJOG	front	
2951 RABU	First Division		0289 BECG	front	
5331 TOGN	First Division		2489 OKHA	..... guns	
1411 IBZA	..... line		2117 MASI	..... line	
3679 VEXX	..... Platoon		4379 ZEEC	..... of	
3927 WYCK	..... Squadron		0545 CYVH	ful	
0236 AZAZ	flag	NULLS	0567 DASN	full-y	
2900 QUAN	flame	3849 WEZA	3261 TALP	furnish	
4341 YZOW	flank	3589 UTIR	4021 XIWJ	further	
4465 ZUPS	flank	3405 UBIX	4359 ZAJU	further	
0322 BIXX	flare	3326 TOBY	3419 UCOB	..... details	
1252 HACS	flash	1459 IGOH	0334 BOJK	fuse	
4002 XICI	flexible gun		0652 DACW	future	
2200 MIAK	flight		4391 ZERR	g	
2772 PUWL	fly		1068 FURS	g	
0406 CAGA	flying		3296 TEWA	g	Chief of Staff
0681 DYGU	..... formation			G-1,2,3,4	(See under Assistant
0805 ELNI	fo		3668 VATW	gain	
3105 SAPK	fog		0811 ELYQ	gas	
3433 UDUD	follow		1186 GOLU	gas	
3396 TYWU	following		4054 XUEW	... alarm	
3650 VAAZ	food		0918 EWOZ	... attack	
4111 YBZO	foot		4320 YWVO	... cloud	
2824 QAZU	for		1680 JEFV	... Company	
0110 ALUQ	for		3942 WYSB	... defense	
3785 VYKC	for		2695 PEVO	... grenade	
4248 YPUN	... the		2985 REKR	... Officer	
0279 BEED	Forage Section, Field Train		0450 CIAC	... shell	
1350 HOPZ	force		0034 ADUJ	gassed	
3175 SOAR	force		3408 UBWA	gassed	
4126 YDBI	forcing		0220 ANUC	ge	
0982 FEHA	ford		4217 YMKI	General	
0424 CAZV	form		3546 UPQU	..... Staff (For Sections, see	
3985 XEKL	formation			under Assistant Chief of Staff)	
0078 AJLE	fortify		1320 HIVP	get	
			0036 AFAP	gst	
			4025 KOAW	... in touch	
		BLANKS			
0261 BALLY	.....		0403 CADZ	.....
1215 GUPM	.....		2895 QOVU	.....
3806 WAGU	.....		4378 ZEDE	.....

0866	ERRA	hear		4360	ZAAC	how	
2424	ODAZ	heavily		0760	EGAF	how	
3684	USVY	heavy		2226	MYBS	how	
1838	KEOP	heavy		3648	WEYF	... are	
1816	KAQI	..... artillery		2811	QALC	how is	
0908	EVWE	..... loss		1048	FOYK	how is	
2126	MEAN	..... tank		4176	YJED	... .. everything	
4039	XCOB	..... .. Battalion		0308	BLID	... .. the situation	
0682	DEHE	..... .. Company		2162	MICD	... many	
2111	MAWX	height		3802	WACE	... much	
1123	GAYF	held		3667	WIHL	how soon	
1712	JINO	.... up		4278	YSOQ	... will	
0172	ARYX	heliograph		0390	BYPS	howitzer	
0816	EMMA	helium		0791	EKKA	howitzer	
3538	UPEL	help		4276	YSEN	..... Company	
0483	COID	here		3629	UKTA	..... Officer	
2956	RAPL	here		2796	PYVC	hundred	
3513	UMBJ	here		1626	ININ	hungry	
2916	QURI	high		3900	WUAT	hurry	
0102	ALIN	.... explosive shells		2170	MIUR	hurry	
0276	BEAC	hill		2421	OCUD	hydrogen	
1667	IRRE	him	NULLS	1826	KEBH	hyphen	
2612	OMAJ	him	1818 KASU	0829	ENPE	I	
4099	KYZO	his	0619 DIUJ	1774	JUZT	I	
4292	YTPA	his	3689 UTR	4384	ZBJY	I	
1093	FYTT	hit	1010 FTKO	2680	PEFP	I	
0428	CEDB	hold	4050 XUAV	2320	NIVY	I	
1686	JELA	holding		2011	LJMA	. am	
2886	QQLW	hole		0226	AXCI	. can	
0042	AFJI	horizontal		4282	YSSU	. cannot	
0419	CAUK	horse-s		3246	SYVU	. have	
3297	TEKE	hospital		1661	IQYT	. will	
0186	ASZU	..... Company No. 1		3756	VOLE	ic	
3360	TUAR	..... .. No. 2		2880	QOFD	identify	
3733	VOIW	..... .. No. 3		4423	ZLYG	ied	
2309	NIKW	hostile		1316	HIRD	ies	
1181	GOGA	hostile		1876	JEAK	if	
3740	VOFF	..... artillery		1023	FTYL	if	
0064	AGJE	..... battery		2179	NOHM	if	
3646	UPPO	..... cavalry		2484	OJUK	ill	
2069	LUUN	..... force		2929	QYEN	im	
3862	WICO	..... .. estimated as		0327	BOCE	in	
0836	EPAN	..... infantry		3582	USTU	immediate	
3663	VADO	..... patrol		1413	ICBA	immediately	
0603	CUDI	..... troop		3674	VAZA	immediately	
0466	CIOI	hot		2617	UMMI	immediately	
2991	REHJ	hour		0166	AROV	imperative	
4088	KYND	hours		1176	GOAP	important	
1662	JANE	house		3912	WUMS	impossible	
3530	UNNO	how		1977	LECD	impractical	

NULLS
0432 CEHI
0648 LOYJ
0619 DIUJ
0040 APHE
3921 WUWE

BLANKS

1321	HIWQ	.....	3117	SASH	.....
4027	XOCO	.....	0658	DUID	.....
2716	PIRE	.....	1196	GOWS	.....

4122 YCYC it
 3282 TEHM it
 1560 IQAN it
 4255 IQNI .. has
 2348 NOYS it is
 1454 IGHI it is
 0954 FAEJ .. was
 1874 KIZJ .. will
 3560 UQAL ite
 0975 FEAG ive
 1868 KITD ize
 0038 AFEG J
 3982 XEHY J
 2579 OSRE January
 2284 NEXJ join
 0396 BYWF Judge Advocate
 1739 JOOL Judgment
 2110 MALW July
 0628 DODA jump
 2930 QYFG junction
 1426 IDDE June
 3576 USIQ just
 3763 VUNF k
 0077 AJKA k
 2078 LYDW keep
 2426 ONEL in touch
 1160 GIKI key
 0686 DYLM kill
 0231 AXIB killed
 3446 UPOD killed
 0181 ASVE kitchen trailer
 2575 OSRQ know
 4040 XOPX know
 2774 FUZH known
 3200 SUAQ L
 1069 FUUH L
 1762 JUMU L
 2423 OCZA lack
 1784 JYJI laid
 3696 VEWF lamp
 0674 DUZZ large
 1018 FITQ large
 1376 HYAD large
 3312 TIMS caliber
 2031 LOGW last
 1264 HAPO last night
 2674 PAZY last night
 1578 ISRA late
 0681 DEGA later
 3532 UNFU lateral

NULLS
 0040 AFHE
 0118 AMQI
 1010 FIKQ
 0619 DIUJ
 0169 AQWU

4046 XOWF le
 0066 ARKE lead
 2745 FOVY leading
 0679 DYEB element
 0598 DEYL least
 4008 XIIB leave
 3485 UJYK leave
 2000 LIAL led
 1001 FIBW left
 1586 ITAR left
 0230 AXGY left
 3292 TESH length
 0005 ABGO lengthen
 2404 OBEX lengthen range
 1669 JAUQ less
 1859 KIKB less
 0349 BOZR let
 0560 DAKI level
 0771 EHOK Lewis machine gun
 1478 IJJE li
 3101 SABO liaison
 3224 SUZZ officer
 0143 APSI Lieutenant
 2088 LYNU Lieutenant
 2765 PUPE lift
 0722 ECUQ barrage
 2563 OREF light
 4083 XYIW artillery Company
 0285 BEIF Mortar Section, Howitzer
 3141 SERH signal
 2967 RASJ line
 0687 DYMN lines
 2371 NUWD of communication
 0081 AGYM list
 1283 HEIL list-s
 2432 ODIC listen
 0440 CEPM listening
 4034 XOJM little
 4198 YKIJ opposition
 4289 YTIQ lively
 2791 FYRU LL
 2636 OZAV local
 2735 POLX locality
 3612 UWAR locate
 1194 GOUK located
 3986 XELM location
 4299 YTTT locomotive
 2452 OGDH long
 4242 YPLE longer
 1076 FYAB look

NULLS
 0136 APAP
 2814 QAOW
 1319 HIUM
 0040 AFHE
 3158 SIIV

BLANKS

1156 GIGB
 3629 WEEZ
 4430 ZOFU

2632 QEHQ
 0916 EWEW
 1979 LEFN

4233	YNPY	look out	3506	ULKI	marched		
1985	LRKK	loop radio set	2910	QULX	marching		
1026	FOBX	lose	0610	DIKU	mark out line		
3031	ROGD	loss	011*	AMIP	marked		
1598	ITYX	losses	0874	ESAR	mask	NULLS	
3127	SECY	losses	0960	FAAH	mass	1010	FIKO
2442	OPGO	lost	3148	SEZO	master	0156	APAP
0913	EWBO	low	4075	XYAT	master	3405	UBIX
2549	OPYR	lower	3824	WAZR	material	3168	SIVV
0998	FEYM	lower	1745	JOWQ	..... not arrived	3849	WEZA
3844	WEUD	ly	0599	DEZV	maximum		
3249	SYZL	ly	1200	GUAD	may		
3969	XAUG	m	0749	EFYK	may		
3566	TURR	m	2150	MIAM	may		
4357	ZAHO	m	0350	BUAX	... be		
1147	GEXR	ma	4115	YCDY	... have		
1034	FOJO	machine gun	1557	IQSO	... not		
2554	ONUP	machine gun	1667	JASY	me		
1764	JUOK	..... ammunition	1440	IFPE	me		
0340	BOPQ	..... and Howitzer	3374	TUZY	mean		
2157	MIRW	..... Company	4476	ZYBO	meaning		
3789	VYOV	..... emplacement	3478	UHYJ	mechanic		
0240	AZEB	..... fire	0967	FASP	medical		
2686	PELJ	..... nest	4064	XUOZ	..... Laboratory Section		
2287	WENZ	..... Officer	2524	ONAK	..... Officer		
2366	NURU	..... Platoon	3169	SIJQ	..... Regiment		
2722	PIXX	..... Squadron	4367	ZASR	..... Supply Section		
3286	TELQ	..... Troop	1134	GEJA	met		
2818	QATA	..... Rifle Platoon	2624	OXAT	men		
4431	ZOGY	made	3067	RUSI	men		
3430	UDGY	magazine	1342	HOSN	men		
1435	IDYH	mail	0128	ANPA	men		
0835	ENYS	main	3868	WITH	men gassed		
0650	DUAB	.... body	2499	OKVM	men gassed		
0941	EZFU	.... trench	0694	DYUF	men killed		
3134	SEJP	Major	1220	GUVS	men killed		
4094	XYUZ	Major	4231	YNNW	men missing		
2090	LYPY	make	0258	BAIG	men missing		
3839	NEOC	make	0777	EJJA	men wounded		
1238	CYNM	making	2260	NAKH	men wounded		
0786	EKAJ	making	2339	NOOQ	ment		
4138	YDXA	man	3264	TAAW	ment		
1576	ISIS	man	2139	MEPA	message		
3683	VEIZ	man	2852	QICM	message		
4207	YLLU	many	0356	BUIL	message		
3049	ROZG	many	0461	CILK	..... center		
1360	HUAP	map	1971	LAWK	..... Chief		
1649	IZZE	....-coordinate Code	1837	KENE	message not understood		
1900	KUAH	march	3938	WYNF	message not understood		
1849	KEZG	march	4141	YFFU	..... received		
				BLANKS			
1994	LETY	.....	4159	YGOD	.....	
0355	BUFU	.....	3149	SEPF	.....	
2506	OLOL	.....	1914	KUKO	.....	

1071 FUVV	message understood	4219 YMWV	morning report
3457 UGID	..... unintelligible	0244 AZIC	mortar
0977 FECW	messenger	0760 EGUK	mortar
4068 XUTJ	met	2219 MUUP	mosaic
2560 OQAM	meter	2615 OWIV	most
3159 SEOK	mi	3084 RYKW	.... of
4355 YXZY	middle	1311 HILI	motor
1188 GOWC	midnight	0107 ALQO	.... car
2646 OZWA	might	1565 IROS	.... Dispatch Service
3071 RUWY	..... be	1625 IXBO	.... Repair Section
1300 HIAH	..... not	2075 LYAR	..... Section No. 1
0148 APYV	mile-s	3821 WAWK	..... No. 2
2082 LYHB	mile-s	2351 WUBH	.... Transport Company
3812 WAMN	mile-s	3201 SUBL	..... No. 1
2479 OJJI	Military Police	2100 MAAP	..... No. 2
1768 JUTP	..... Company	1421 ICOD	..... No. 3
0849 EPYT	millimeter	3950 XAAB	..... No. 4
3787 VYXU	mil-s	4108 XBWE	.... truck
3562 UQIN	mils	1086 FYLL	..... Company
3648 UZYE	mine	0984 FEJE	motorcycle
0598 DETQ	.... orater	2253 WADN	..... Company
3303 TIDK	minus	1717 JISD	mount
4466 ZUGK	minute	2654 PAES	move
2408 OBUC	minutes	4036 XOLP	rove
3477 UJGE	minutes	5059 RULJ	movement
0465 CIPN	minutes	1307 HIBB	moving
1905 KUPK	miss	0157 AQUV	..... up
1811 KALZ	missing	0800 ELAK	much
3978 XEDI	mission	2547 OPSY	much
4128 YDEX	mist	3164 SIOW	much
1005 FIFB	mistake	4352 ZACE	.... movement
0966 PAGZ	no	3750 VUAE	mud
1760 JUAG	mobile	3564 URIP	munition
4010 XIKM	..... Surgical Hospital	1106 GAGX	Munitions Officer
2511 OLYN	..... Veterinary Hospital	1573 IRVV	must
0860 EQAP	mobilize	1623 INZO	must
3166 SIGN	model	2050 LUAJ	must
4300 IVAP	moderate	3891 WOR6	must be
3785 YUPO	moment	2325 WOAM	must be
3500 ULAG	Monday	3665 VANQ	.... have
1113 GACM	mooring	2842 QPSA	.... not
3653 UXXO	mop	3225 SYAP	my
2860 QIKH	morale	0555 DAFZ	my
0510 CUKL	more	2105 WAFD	my
2754 PUEN	more	2776 PYAL	.. headquarters
0021 ACOG	more	1453 IDOF	.. message
2999 REZU	morning	2974 RAZO	.. telegram
0614 DIOH	morning	0683 DYIC	n
1267 HASC	morning	1254 HABL	n
0365 BUDO	morning report	0302 BICA	n
		2530 ONOH	.....
		3013 RING	.....
		2996 REWI	.....
1604 IVOW	.....	
0309 BIJY	.....	
4453 ZUDU	.....	

BLANKS

3814 TIOX	n		NULLS	0691 DYRS	no change	
4436 ZOLN	n	1818 KASU		1210 GUKU	.. longer	
2460 OGAC	na	0432 CEHI		2714 PIPB	.. patrols	
3411 UBZI	name	0136 APAP		1641 IZFY	.. reinforcements	
0461 GIBZ	narrow	2647 OZXE		0764 EOHM	.. relief	
1913 KUMF	no	0189 AQQW		1482 IZFA	.. report	
1860 KIAK	na			2807 OYVI	.. water	
4263 YREM	nt			2958 QYNA	non	
0223 AWZE	nd			0699 DYXR	....commissioned officer	
0711 BEYG	ne			1262 HANI	none	
0277 BECB	near			0415 CAPD	.... on hand	
4048 XOYD	near			1985 KYKI	neon	
2768 PUSU	necessary			2008 LIDS	normal	
1499 IKYN	necessary			0396 BTYJ	normal	
0401 GAEW	necessary			3856 WKKM	north	NULLS
1967 LAHH	need			2361 WUMA	north	1319 HIUM
2055 LUFW	need			4269 YORY	..... of	1010 FIKO
0817 BISS	needed			1324 HLEZ	northeast	2493 OKLO
3872 WIXA	needed			5866 VART	..... of	0648 DOYJ
2316 NIQE	negative			2857 QDMF	northwest	4050 XUAV
1566 HUPB	neglect			3266 TARV	..... of	
3608 UVVO	neighborhood			0890 FEPC	net	
2888 QOOS	neighboring			2298 NEWY	net	
3210 SUKH	neither			0569 DAJE	net	
0961 PALI	ness			3385 TYIS	... arrived	
2262 NAMK	nest			4419 ZIUF	... certain	
0637 GYMP	net			2425 ODBA	... necessary	
3368 TUTE	never			5478 UJHI	... ready	
4415 ZIPQ	new			0665 DUFF	... received	
3466 UGHU	new			1480 IGAD	notwithstanding	
1638 KEIN	new code	into effect		3822 TTXI	nothing	
0867 ERSE	new Division Field Code	going		1204 GUEF	nothing	
2695 OTUV	new Division Field Code	going		0420 CAVR	nothing to report	
		into effect		1909 KUJA	nothing to report	
				2066 LURC	nothing to report	
1792 JYSP	news			2866 QIGD	notice	
2144 NEUS	news			0813 BINN	notify	
3187 SOMF	next			3846 WEWJ	notify	
2680 PAAR	ni			3236 SYMX	November	
4249 YPYP	night			0965 FAPY	now	
3957 XAHU	night			4410 ZIKL	now	
4149 YPZA	night			2449 OFYH	na	
1062 FUCB	..... passed quietly			3469 UGOF	nt	
3098 RYFU	Ninth Corps			2224 MUEJ	number	
4374 ZAZX	no			2350 WOFU	number	
3706 VILX	no			1394 HYUJ	numbers	
3566 URQI	no			0824 ERAM	o	
1158 GENU	no			2568 QGSU	o	
1547 IPUR	no			0256 AXZA	o	
1698 JETQ	.. answer			3925 WYAS	o	
0797 EKQY	.. casualties					
2959 RAJP	no change					
			BLANKS			
1939 KYOK	.....			0733 RDOG	.....
3041 BORA	.....			4305 XLJI	.....
2639 CEDY	.....			1658 IQTU	.....

4167	YHGO	o			2995	REVE	on the		
2123	MAYV	oblige			3183	SOIT	on the		
1767	JUHA	object			0118	AMNA	.. .. left	
2731	POGG	objective			1876	KOAJ	.. .. other side	
1831	IXUB	..... reached			2859	QEOV	.. .. right	
0828	CYDO	observation			2788	PIOP	.. .. way	
4325	YKBS	..... impossible			0464	CIOG	.. this	
3760	VUKR	..... officer			1800	JALS	.. .. side	
5835	UNTP	..... post			4056	XUFX	.. time	
1192	GOSP	..... Squadron			0576	DEAP	once	
0785	EJPY	observe			0853	ENTY	one		
4082	XOHL	observer			8873	URYS	one	Company	
2628	OXIW	obtain			0374	BUZA	...-pounder Section, Howitzer /		
3628	UXET	occupation			2677	OSOS	only		
2901	QUBB	occupied			4388	ZENN	open		
3121	SAWA	occupy			0284	BEJU	operate		
1820	IMQU	occupying			4268	YRPI	operating		
0882	ESWO	occur			1582	ISVO	..... Platoon	
1042	FOSQ	o'clock			1978	LEDP	operation		
0127	ANOR	o'clock	NULLS		2687	PEMK	..... cancelled	
3018	RITE	o'clock	0186	APAP	1424	IDAB	..... Company	
4844	YPNO	October	1459	IGOH	3671	VAWJ	Operations and Training Officer		
3991	XERS	of	1818	KASU			(See also under B-3, Ba-3, G-3,		
4192	YKIG	of	0619	DIUJ			R-3, Sq-3)		
3881	WUOL	of	3649	WEZA					
0673	DUYH	of			3371	TUWO	operator		
3058	ROMX	.. enemy			1242	GYSR	opposite		
2150	MEFF	.. our			1367	HUSP	opposite		
1720	JIVG	of the			2975	REAS	or		
3262	TACO	of the			3100	SAAV	or		
0078	ARYN	... enemy			0151	AQER	or		
4478	ZYDY	off			1843	KETH	orchard		
1156	GEKE	offense			0196	ALPI	order		
5943	WYTA	offensive			3512	UMAH	orders		
2430	ODGU	officer			3815	WAPQ	ordnance		
3488	UKAF	officer			3359	TUJZ	..... Company (maintenance)	
2091	LYRD	often			3274	TAZE	..... Officer	
0995	FEVQ	O.K.			0668	DUTT	organisation		
0700	EEAZ	O.K.			0024	ADAD	organise		
2275	NEAP	old			0971	FAWQ	original		
4131	YDOB	old Division Field Code will		be returned	2374	NUZG	et		
1078	YFBJ	old Division Field Code will		be returned	3636	UZAT	ether	NULLS	
1928	KYDX	on		be returned	3050	RUAP	ether	1010	FIKO
2675	PEAQ	on			2156	MIFG	tu	4164	YHDE
2995	NOKX	on			1700	JIAJ	tight	2814	QAOW
1484	IJUL	on			1285	HELE not	3406	UBIX
3687	YEMQ	on			1888	KOOM to	0633	DOIF
3346	TQVE	.. account of			2871	QIWU	our		
1228	GYDA	.. both sides			0778	BHYM	our		
1364	HYJO	on hand			2725	PGAN	our		
					2267	WASE	... advance		
					4136	YFAX	... airplane		
					1018	FTRN	... artillery		
			BLANKS						
1031	FOGE			3046	ROWU		
1695	JETD			2855	QIFP		
4460	ZUNN			0804	ELME		

1302 HICV our artillery is firing
 0477 COCA shelling us
 1660 JAAL ... aviator
 1905 KUDW ... cavalry
 4561 ZALK ... center
 0225 AXBE ... communications
 1479 IJKI ... first line
 3980 XEPO ... front
 3781 VYGP ... heavy artillery
 4211 YLYL ... infantry
 2612 OWAS is firing on us
 2458 OFGA ... left
 0382 BYHL ... light artillery
 3489 UKGA ... line
 2562 ORAN ... machine gun
 4488 ZUTH ... men
 1126 GEPT ... patrol
 4044 XOOC ... rear
 0580 CYFU ... reserve
 0861 BQEQ ... right
 2925 QYAM ... tank
 3135 SEKQ ... wire
 1590 ITOV ous
 2023 LIYR out
 0174 ASAS out
 3594 UTSI out
 3801 WABA ... of
 0776 EJKK range
 4394 ZEUG outlying
 4161 YGBA outpost
 1025 FOAD Company
 0871 ERWU outside
 1371 HUWS outskirts
 0490 COPP over
 0167 ARTE over
 2518 OMNO over
 2734 POKW overwheln
 4432 ZOHK owing to
 1663 JAOP own
 3999 XEZR own
 1121 GAWH p
 4375 ZEAB p
 0294 BRUH p
 1474 IJAG pa
 3526 UNIL pair
 3788 VYNG pack
 0179 ASTA Train
 1982 LENV panel
 1599 ITZY panel
 4250 YQAK parachute

BLANKS

1222 GUXV
 0269 BAUJ
 3060 RULW

2049 LOZJ parallel
 1899 KOZB park
 2949 QYZH parole
 3174 SIZU part
 3888 WONS of
 3378 TYDN partially
 3299 TEZI participate
 2298 NEYV particular
 2867 QISE parties
 0638 DONM parties
 0952 FACV party
 2697 PKXY all in
 2443 OPHU pass
 4080 XYPL passed
 0579 DEEG passenger
 2384 NYKR patrol
 5681 VEGK patrol
 3091 RYRI patrol reports
 2186 MCLB patrol reports
 1781 YJGA schedule
 1886 KOMI P.C.
 2879 QOEQ P.C.
 0387 BYMQ P.C.
 0468 CITS P.C. established
 3646 UZWE P.C. established
 0393 BYTH pending
 0788 EKCK penetrate
 1553 IQQR per
 5757 WUHP perfect
 4264 YRIN period
 2085 LYKE period
 1881 KOGX period
 2982 REHP period
 3130 SEFL period
 3361 TULD period
 3255 TAFY period
 0080 ADJO period
 2266 NAPP period
 4180 YJIF period
 1088 FYWN permission
 2851 QIBL personal
 0819 EMQO personnel
 1338 HONY phone
 0625 DOAC phone
 0438 CEWL photo
 0162 ARAR Section
 1940 KYPC photograph
 2533 ONRY phrase
 2749 POZM picket
 0926 EKCO piece

NULLS
 2483 OKLO
 0169 AQWU
 1010 FIKO
 0164 AQRA
 1469 IGCH

2859 QJGG
 1442 IFHO
 3535 UNQY

-35-

4493 ZYUJ	pigeon		0764 EHHA	practice message	
1678 JEDT	pilot		0644 DOUH	practice message	
1178 GQDZ	pioneer		2980 REFM	practice message	
2681 PEGD	..... Platoon		1492 IKLI	precaution	
4344 YZUX	..... and Demolition Section		3524 UNAJ	premature	
0717 ECGO	pistol		0044 AFLJ	preparation	
0217 AWFY	place		2009 LIKZ	preparation	
3469 UHJU	place		2597 OTWU	prepare	
2413 OCBE	placed		2756 PUGT	prepare	
4074 XUZI	plain		1125 GEAR	preparing	
0569 DAUL	plan		0608 DIIG	present	
1461 IGYK	Plans and Training Officer (See also under B-3, Bn-3, G-3, R-3, Sq-3)		3408 UBQZ	press	
2580 NYFV	plane		2513 OMEK	prevent	
3645 UZVA	plane		0050 AGAG	previous	
3078 RYDD	planes	NULLS	4234 YNUM	prisoner	
2168 MWSU	plate-b	0136 APAP	4075 XUYC	prisoners	NULLS
1778 JYDZ	platoon	0619 DIUJ	2924 QUZM	private	3158 SIIV
3562 URAM	platoon	0040 APHE	2708 PIIR	pro	0619 DIUJ
1280 HEPW	platoon	0648 DOYJ	1173 GIYM	probable	2814 QAOW
0306 BIGO	Playfair Cipher	4060 XUAV	0206 AVOZ	probably	4119 YCUB
4483 ZYIX	please		1092 FYSS	probably	2493 OKLO
1690 JBQU	plus		4241 YPKA	proceed	
3965 XAPP	P.M.		5389 TYOT	progress	
1143 GETG	point		1715 JIQY	project	
2659 PAJZ	point		0265 BAPM	projectile	
4396 ZSWW	point		3699 VEZE	prompt	
0758 BQWY	pollute-d		4223 YMYM	proportion	
0282 BANC	poor		2758 POOR	provide	
3493 UKKO	position		2333 NOIP	provision	
2474 OJAF	position		0094 AKPO	Provost Marshal	
3983 XADE	..... lights		3946 WYWI	purpose	
4059 XUJN	positive		1799 JYZV	ursuit	
0596 DEWS	possess		4498 ZYFC	push	
0332 BOHY	possession		0743 EFJO	q	
1467 IHJI	possible		2682 PEHF	qu	
2368 NUTK	possibly		2899 QOZL	quarter	
3675 VEAW	post		0070 AHOL	Quartermaster	
2341 NQOI	post		0664 DUEC	question	
2879 QOQQ	Post of Command		1002 PICX	question mark (?)	
1886 KOMI	Post of Command		4171 YHOF	question mark (?)	
0587 BYMQ	Post of Command		1513 IMEL	question mark (?)	
3646 UZWE	Post of Command established		2601 OVES	quick	
0468 CITS	Post of Command established		0550 DAAG	quick	
3962 XAWM	Postal Officer		3570 URSU	quiet	
2539 OPIN	postpone		2464 OHFA	quiet	
2272 NAXY	postponed		0482 COHU	quiet day	
1708 JIIL	pound		4020 XIVH	quiet day	
2183 MOIN	power		1897 KOXQ	quiet night	
4124 YDAW	pr		2478 OJIH	quiet night	
4203 YLHF	practicable		0282 BEHO	quote	
		BLANKS			
1241 GYRQ	.....		2232 MYHZ	.....
3928 WIDL	.....		4358 ZAIR	.....
0170 ARWO	.....		1482 IJNY	.....

2750 PUAM r
2377 NYCS r
2079 LYBJ r
1246 GYWW r
3748 VOYB r

R-1,2,3,4 (See under Regimental)

0002 ABDE ra
1014 FIOJ rack
1618 IWUZ radio
3231 SYGF radio
0602 DICZ radio
3051 RUBM and Panel Section
3936 WYLC message
0384 BYJM operator
2858 QIIS Section
0516 CUPQ Service Code (No.)
1950 LAAN station
2830 QEPN telegraph
2516 ONLE telephone
4118 YCOZ raid
2025 LOAK raiders
0707 EBHY raids
0175 ARZY railraod
1436 IPDA railway
1756 JOGB rain
4029 KOEX raise
2558 OSVY range
2039 LOPO rapid
3259 TAJM fire
4062 XUMR rate Train
2586 QTAQ Ration and Baggage Section, Field/
1925 KYAG cart
4417 ZIST Section, Field Train
1086 PYNW rations
3727 VODY rations
2802 QACK ravine
0367 BUSV rd
1734 JOJA rd
3024 RIZY rd
2096 LYWQ re
1862 LANB re
0864 ERBS re
1212 GUMC reach
4370 ZAVT reached
0916 EWYD ready
1854 KIEL ready
2703 PIDC for attack
3214 SUOT to advance
2051 LVBS to observe
4161 YOYG rear

0211 AVZI rear
2616 OWOW Echelon
0629 DOBD guard
3686 VRLP recall
4216 YMJE receive
2527 ONLA received
3575 USEP received
0534 CYJL received
1169 GIUL receiving
4026 XOBI recent
3710 VIKP recognize
0130 ANRI recommend
1390 HYPM reconnaissance
1461 IJMU officer
3902 WUCY reconnoiter
2392 NYSC reconnoitering
1011 FILLU recover
3056 RUPD red
2990 REPG ... rocket
5116 SARG ... star shell
0032 ADLY reel cart
3899 WOZI refer
0325 BOAZ reference
2274 NAZO referred
0408 CATH referring to
2172 MIWL regiment
2407 OBOB regiment
3372 TUXU regiment
1592 ITSA regimental
1758 JUIJ Regimental Adjutant (R-1)
3462 UHAC Regimental Adjutant (R-1)
0761 EJNU Regimental Headquarters
2848 QEYX Regimental Headquarters (R-2)
0540 CYPR Regimental Personnel Officer/
1195 GOVR Regimental Personnel Officer (R-2)
4018 XITW Regimental Plans and Training
Officer (R-3)
3725 VOAT Regimental Plans and Training
Officer (R-3)

0132 ANTU Regimental Supply Officer (R-4)
1396 HYVS Regimental Supply Officer (R-4)
4451 ZUBI region
1661 JAMA registration
2669 PAUW reglage
2977 RECK regular
0635 DOKY regulate
3689 VECE reinforce
4294 YTRI reinforced
3876 WOBQ reinforcements
2544 OPPI reinforcements
3571 URTY being sent
0341 BORS have arrived

BLANKS

1570 IHUT
3089 RYPA
0187 ATBU

4355 ZAFE
2336 NOLZ
1895 KOVG

3451	UGCA	relay		1600	IVAS	reserve
2467	OHIG	release		1958	LAIQ	reserve
2963	RAND	reliable		2715	PIQA	resist
1376	HYBX	relief		1828	KEDS	resistance
4286	YTAN	relief		2250	MAAQ	resort
3627	UXIV	relief completed		3429	UDFD	rest
1455	IGIG	relief completed		2657	PAHQ	restore
0714	EGDE	..... has arrived		1056	FUGI	result
2276	NEEM	..... will take place		0825	ENEN	result
4177	YJFE	relieve		2955	QYKK	..... not yet known
2116	MARE	relieved		0272	BAXV	retake
0583	DEIH	relieving		3040	ROPZ	retaliate
1918	KUTG	remain		0352	BUOI	retire
3065	RUQA	remainder		3929	WYET	retire
5170	SIVE	remount		0412	CAMY	retreat
4437	ZOMP	..... Officer		4406	ZIGU	return
0865	ESZY	remove		1328	HODX	returned
5992	XEST	removed		1579	ISSE	returned
0359	BUJL	renew		3766	VURJ	revetting
2521	OMQY	renew		2426	ODGE	ri
3542	UPME	reoccupied	NULLS	3112	SAMR	ridge
1271	HAWG	reoccupy	1319 HIUM	4526	YXIT	rifle
3808	WAIC	repair	4164 YHDE	0693	DYTV	rifle
2739	POPA	repeat	0040 APHE	2883	QOIR	..... Company
3275	TEAV	repeat	0154 AQRA	3592	TYTI	..... Platoon
1669	IRTO	repel	1459 IGOR	1471	IHOJ	..... grenade
0259	AZDI	replace		3206	SUGD	right
4087	XUSH	replacement		3585	USYT	right
0189	ATEV	replacement		4273	YRVR	right
2396	NYWG	reply		1295	HETP	river
1790	JYPD	reply		0727	EDFE	ro
0426	CEBX	..... at once		4047	XOLA	road
3741	VORH	report		0140	APOS	road
4337	YZBY	report		3831	WEGY	rocket
2036	LOME	..... in person		3693	VETH	roll
0646	DOWV	reported		1184	GOJI	rolling kitchen
0043	AFKO	reported		2074	LUZB	round
1822	KAWL	repulse		0923	EWZI	rounds
1154	GIEH	request		0562	DAMU	route
2625	OXBU	request		2511	NIMZ	rt
1021	FIWS	..... authority		2607	OLNU	runner
0986	FELO	..... information		1713	JIOM	runner
2820	QAVE	..... reinforcements		1995	LEUR	rush
3364	TUOV	..... reply		2694	PEUV	rush
0188	ATAT	require		0895	ETVE	ry
2690	PEPZ	require		2149	MEZM	s
3333	TOIV	required		3232	SYHG	s
2920	QUVV	required		0082	AJPU	s
2559	OTIS	res		0141	APQA	s
1950	KYFZ	rescue		3890	WOPT	s

NULLS
0432 CEHI
1818 KASU
4050 XUAV
2493 OKLO
0118 AMQI

BLANKS

1243	GYTS	.....	3143	SETC	.....
2346	NOVK	.....	0427	CECZ	.....
4053	XUDY	.....	1948	KYYM	.....

2573	CRYT	s	NULLS	2649	OZZI	seen	NULLS
2102	MACN	s	3158	SIIV	1044	FOUJ	seen
4425	ZOAX	s	0619	DIUJ	0543	CYTF	send
0651	DUBJ	s	2814	OAOW	2386	NYLA	send
2485	OJYL	s	4119	YCUB	0884	ESYX	send
4155	YGFO	's	2493	OKLO	2446	QPOP	send
3267	TASG	sa			4120	YCWA	send
3577	USOR	safe			3294	TEUB	.... a man here at once
4235	YNYN	safety			3529	UNMI	.... at once
1274	HAZJ	salient			4291	YTOR	.... by
1706	JIGX	salvage			1249	GYZI	.... one man here at once
1666	JARU	.....	Officer		2482	QJMY	send out patrols
3160	SIKR	same			0160	AQXY	send out patrols
4312	YWAQ	same			4174	TJAC	.... reinforcements
2812	QAMD	sandbag			1148	GEYN	.... two men here at once
1772	JUKS	sanitary			0484	COJY	send up
1696	ITWO	.....	Battalion		0774	EJAH	send up
3720	VIVD	.....	Company		0025	ADEF	.... .. ammunition
1924	KUZS	.....	No. 1		2679	PEER	sending
2789	PYPI	.....	No. 2		3181	SOGP	sending
2954	RAEY	.....	No. 3		1975	LEAM	..... out patrols
0123	AMYS	satisfactory			1090	FYPP	..... station
3867	WISG	satisfactory			3586	UTAP	..... up
3690	VEFS	Saturday			3975	KEAZ	sent
1139	GEOL	saw			2189	MOPI	.... back
2014	LIPJ	scatter			4226	YNIK	.... forward
0295	BEVT	school			0594	DEUK	.... to
3032	ROHF	scout			1464	IHGA	sentry
3641	UZIW	SCR No.			3864	WIOB	September
1124	GAZB	screen			3218	SUTI	Sergeant
2041	LORY	se			1681	JEGW	Sergeant
0227	AXDO	search			1224	GUZW	serious
3088	RYOR	searchlight			3334	TOJQ	serious
0338	BONP	Second Army			2362	NUNE	seriously wounded
3970	KAYV	.....	Battalion		1894	KOUN	seriously wounded
2126	MEBB	.....	Company		0233	AXUD	service
0454	CIED	.....	Construction Section		3094	RYUS	..... Battery
4488	ZYNS	.....	Corps		4373	ZAYJ	..... buzzer
1333	HUIJ	Second Division			3077	RYCC	..... Company
3339	TOOW	Second Division			0344	BOUF	..... Section, Ordnance Company
1845	KEVC	Second Division			1345	HOVQ	..... Troop
2289	NEFB	Second Division			2887	QONZ	set
3421	UCXA	Second Division			1736	JOLI	Seventh Corps
1483	IJOK	.....	in command		1640	IPNA	..... Division
0985	EXZE	.....	Platoon		4071	XUWA	several
0723	ECYH	.....	Squadron		2236	MYMI	several
0098	AKVP	secret			2279	NEEQ	sh
4038	KONR	section			0690	DYPQ	shall
0675	DYAZ	sector			2796	PYWD	shall
2555	ONYQ	see			2622	OMUN	..... be
			BLANKS				
3222	SUKY	.....			2766	FUQI	.....
0267	HEML	.....			3165	SIFB	.....
1634	IXYC	.....			4269	YRQO	.....

3480 UJJO shall not
 4466 ZURV shell
 2020 LIVU shell
 3684 VEJM shell
 0942 EZGY-fire
 0875 ESES-hole
 1668 JATK shelling
 0116 AMOQ shells
 1185 GOKO shells
 0778 EJKE shelter
 2893 PETI ship
 1099 FYEZ shock
 3948 WYZZ shoot
 5390 TYPZ short
 0377 BYCO shortage
 0768 EBJE shorten range
 3525 UWEK shortest
 0988 FENY shot
 4277 YSNA should
 5841 WERT should
 0533 CYIB be
 2043 LOTD have
 0089 AKIM not
 1511 ILYP shrapnel. NULLS
 0622 DIXY shut 3849 WEZA
 2958 RAIW si 1519 HIUM
 3246 SYWY sick 4060 XUAV
 0178 ASBY side 0619 DIUJ
 3987 XEMN sight 3326 TQBY
 0442 CESQ sign
 2665 PAPH signal
 1839 KEPI signal
 5613 UWES Corps
 2231 MYGX Officer
 1462 IHAF rocket
 5156 SELR station
 2564 ORIQ silenced
 3451 UDIB simple
 3044 ROUV since
 1744 JOUM single
 1945 KYVQ situation
 4413 ZINP situation
 1870 JAVC six-inch
 1540 HOPC sixth (6th) Corps
 4092 XYSJ sixth (6th) Division
 1286 HEMI skirmish
 2387 NYNI sleep
 4123 YCZI slight
 1140 GEPY slightly wounded
 0865 EROT slope

1080 FTFI slow
 5745 VOVA small
 2169 MITY smoke
 2778 PYDS smooth
 2460 OGUH snipe
 4474 ZUZE sniping
 2710 PILW sniping
 1102 GACT snow
 2134 MEKW so
 2401 OBBI so
 3452 UGDE so
 3468 UGJY so as
 4185 IYJY .. that
 4163 YHCA soft
 1072 FUKW solid
 4087 XIMS same
 0724 EDAC something
 2097 LYXR sometime
 4455 ZUFY somewhat
 1127 GECV son
 1626 IXCW soon
 2343 NOSU soon
 0394 BYUC sound
 2559 OQTY ranging
 2119 MAUT source
 3838 WENQ south
 3280 TEPK south
 2433 ODOD of
 0027 ADGE southeast
 2783 PTIN of
 3557 UQQO southwest
 3604 UVRA of
 0404 CABG space
 2809 QAJQ spare
 0109 ALSY special
 3012 RIMP troops
 3103 SADY spot
 2213 MUCN spy
 2621 ONKO squad
 0877 ESOV squad
 1800 KAAM squadron
 1907 KUBB ss
 3934 WYJQ st
 1751 JUBV st
 1354 HUBG st
 0976 FEBV stabilization
 2229 MYEK stabilize
 1407 IBIB Staff
 3414 UCCO Staff
 3701 VIBO Code

NULLS
 0118 AMQI
 0136 APAP
 3158 SILV
 2493 OKLO
 1010 PIKO

BLANKS

3747 VOXI
 0380 NYFI
 1705 JIWF
 2878 QQDC
 1963 LAGR
 0846 EPTU

0604 DIBF stand
 3805 TIFL star
 4201 YLEG state
 0805 CUFO station
 4304 YVQA station
 1229 GYED station
 2027 LOCS stationary
 2289 MYPU stay
 4440 ZOPR steady
 1138 GEIK steep
 2249 MYZB step
 4403 ZIDI still
 3960 XAKK still
 3300 TIAT Stokes
 2926 QYBC stop
 2802 OVIU stopped
 3229 SYEQ stopped
 0417 CASP storage battery
 1804 KAKH storm
 1917 KUSF strength
 1314 HIGL strength
 2601 OLEJ of enemy unknown
 3630 UXUX strengthen
 2411 CBZE stretcher bearers
 2748 POTU needed
 1518 IMOW strict
 2300 NIAN strike
 3548 UPUP strip
 2024 LIZG strong
 0513 CUNP strong
 0803 ELLA stubborn
 1615 IWBY sub
 4323 WYVW submit
 0022 ACUH subordinate
 4104 YBIW substitute
 1013 FING succeed
 3402 UBCU success
 1449 IFYJ successful
 3007 RIHQ such
 4516 YWRA sudden
 2801 QABY sufficient
 0120 ANSU suffocate
 1137 GEMO suggest
 2108 MAIR sun
 4210 YLUK Sunday
 1724 JIZB sunrise
 2201 MUBR sunset
 2218 MURY superior
 0242 AZGU supplies
 0755 EGJI supplies

NULLS
 2814 QACW
 0648 DOYJ
 3921 WUWE
 1459 IGCH
 0159 AQRW

0995 FETP supplies
 3724 VIZI supply
 0643 DOTS Officer (See also under B-4,
 1216 GURP Train
 4005 XIFU support
 3144 SEUZ support
 3811 WALM supported
 0818 BITT suppose
 0164 ARIT sure
 0266 BARP surface
 1966 LARI Surgeon
 2614 OWET surprise
 0101 ALEM surrender
 4112 YCAV surround
 0813 EMEM surveillance
 2127 MEOC suspect
 1702 JICT sweep
 4349 YZZU system
 2905 QUFF t
 2557 NUHW t
 4309 YVVU t
 3454 UDYF t
 3126 SBBU t
 3898 WOYC ta
 0851 CYGY table
 1524 INAL take
 3611 UVYV take
 1399 HYZW place
 2008 LIIN taken
 3723 VIYC taken
 2454 ODUF tank
 1030 FOFA tank
 4041 KORV Battalion
 1236 GYLK Company (Light)
 2503 OLJA tanks
 3518 UMMO tanks
 0928 EXEX tap
 3029 ROER target
 0702 EBCE te
 0627 DOCB tear
 2221 MWVG technical
 1848 KEYR telegraph
 1410 IBYF telegraph
 1619 IWVA telephone
 2718 PITO telephone
 0281 BEGI and Telegraph Section
 3984 XEJK Code
 4427 EOGI tell
 5944 WYUX temporary
 2825 QEAR quarters

Bn-4,G-4,R-4,Sq-4)
 NULLS
 0432 CEHI
 0154 AQRA
 2814 QACW
 0619 DIUJ
 0118 AMQI

BLANKS

3426 UDCI
 1040 POPM
 2256 NAGD
 4084 XYJP
 0298 HEYJ
 3842 WBSV

2209	MUNE	ter		4302	YVIR	this morning	
3240	STQA	territory	NULLS	0516	CURS	thorough	NULLS
1199	GOZV	test	3326 TOBY	3270	TAVJ	though	0136 APAP
4262	YRAL	th	0040 AFHE	1919	KUUM	thousand	3158 SITV
0320	BIVV	th	1319 HIUM	1543	IPQI	through	0118 AMQI
0429	CEEF	th	0432 CEHI	2462	OHAD	throw	2493 OKLO
3099	RYZM	than	1818 KASU	0698	DYTG	Thursday	0633 DOIF
2699	OTYW	that		3632	UXWI	ti	
4441	ZORT	that		0584	DEJI	time	
3910	WUKQ	that		4584	ZAOQ	time	
3211	SULJ	..... the		0168	AROW	tion	
2968	RATC	the		2226	MYAJ	tion	
2301	NIBB	the		1512	IMAK	to	
2567	ORQE	the		0925	EKBI	to	
0200	AVAV	the		3822	WAXJ	to	
2906	QAGN	the		3523	UMYN	to	
1129	CEEJ	their		3061	RUMX	ta	
4221	YMOK	them		1796	JYVR	to be	
0329	BOEB	then		2952	RACY	to be	
0119	AMRO	there		1618	KIYW	.. do	
3514	UMIK	there		1943	KYTP	.. join	
1802	KACD	there		1391	HYRP	.. that	
2129	MEEP	..... are		4101	YBBU	to the	
4449	ZCZA	..... is		2494	CKMU	to the	
2204	MUEL	..... will		4321	YWWU	today	
1003	FIDE	these		0074	AJAJ	today	
3919	WUUZ	these		3221	SOWU	together	
2648	OZYC	they		0496	COWW	tomorrow	
3016	RIRB	thick		0919	EWUB	tomorrow	
1718	JITP	thin		1857	KIHK	tomorrow	
0907	EVVA	thing		2617	OWTA	tomorrow	
4189	YKFA	Third Army		3474	UJAD	ton	
2234	MYKA	..... Battalion		1485	IJYM	tonight	
3401	UBBO	..... Company		1531	INQO	tonight	
3702	VICU	..... Corps		3706	VIGL	tonight	
0731	EDJU	Third Division		2175	MOAL	too	
3803	WADI	Third Division		0631	DOGI	too	
0446	CEWT	Third Division		3698	VEYD	... early	
1494	IKMU	Third Division		0708	EBIC	... far	
4024	XIZA	Third Division		2510	OLUM	... late	
3138	SEND	..... Platoon		0502	GUCE	... little	
2030	LOFY	this		0810	ELUP	... much	
1292	HESD	this		0228	AXEZ	... short	
0827	ENNA	this		2804	QAST	top	
0459	DUJY	this		1118	GATP	topography	
2705	PIFD	..... afternoon		4416	ZIRS	total	
1612	IWAF	..... evening		3543	TOTA	touch	
3623	UWEY	this is a practice message		2243	MYTF	town	
1362	HUMY	this is a practice message		4098	KYTB	tr	
0013	ACDA	this is a practice message		3176	SOBK	trace	
			BLANKS				
3258	TALZ	.....		2913	QUOR	.....
0398	BYHR	.....		1967	LASO	.....
4169	YHID	.....		3194	SOWW	.....

4228	YNKE	tractor		3937	WYMD	unable to decipher
0501	BIEJ	track		1620	IWWS	..... .. decode
2013	LIOF	train-s		3697	VEKA	..... .. send
1289	HEFU	transfer		2620	OWWI	uncertain
3329	TOET	transferred		3233	SYIR	unchanged
1441	IFGI	transmission		2702	PICW	unchanged
2678	OSQA	transmit		0076	AJIL	undecipherable
1969	LAUS	transport		1572	IRWY	under
4462	ZUMQ	..... Company		2321	NIWK	under
2159	MIJW	..... Officer		2807	QJHP	under
0624	DIZW	transportation	Section	2972	RAXI	understand
2375	NYAK	..... Platoon, Service	Service	4519	YWUV	understand
0857	EQTO	..... Section, Division	Division	0138	ANUS	understand
3679	WOEW	traverse	Trains	0726	EDOI	understood
0930	EKIZ	tree		4444	ZODD	understood
0726	EDED	trench		2158	MEER	undertake
0625	CYAX	..... mortar		0641	DORQ	unfavorable
2633	OKKI	trenches		0960	FAFE	unintelligible
3287	TYMR	trenches		0670	DAVQ	unit
2777	PTCJ	tri		2469	CHKU	unit
1677	ISOT	tromblon	NULLS	1219	GUUW	unless
0084	AJUN	troop	1010 FIKO	2911	QHEZ	unless
2390	HYQU	troop	3326 TOBY	3712	VIMR	unnecessary
2964	RAXK	..... A	1319 RIUM	1716	JIRC	unquote
4383	ZELD	..... B	4060 XUW	1618	IWSU	unsuccessful
0146	APVU	..... C	3406 UBIA	3915	WUPF	until
4035	XOKN	..... D		0019	ACJU	until
1163	GINY	..... E		1507	ILOM	unusual
3191	SOEB	..... F		0605	DIFA	up
2617	QASB	troops		1807	KARV	up
4213	YMEH	troops		1027	POCE	up
0831	BOGU	trouble		3634	UXYZ	ur
2089	LYOL	truck		2632	OXWE	urgent
2281	NEGF	..... Section		0430	GEFA	urgent
1276	HEBS	true		3583	USUS	urgently
0823	EMYR	try		2307	NIHH	urgently
0409	CAJI	tt		3213	SUNK	us
3578	USPA	Tuesday		2704	PIEQ	use
1670	KIVF	turn		4313	YWER	useless
3019	RIUW	.... in		4114	YCCU	using
1091	PYRR	turned over		0744	EFKU	usual
3579	TYER	ty		1926	KYBV	v
1456	IHHH	u		1325	HOAO	v
2618	OWUX	u		2238	MYOM	v
2531	ONPO	u		2875	QOAP	valley
3481	UJKU	un		2241	MYRC	V.B. ammunition
0202	AVCU	un		4030	XOYF	V.B. rocket
2465	ORGE	unable		1515	IMLA	ve
3795	VYVI	unable to		1403	IBDO	vertical
1721	JIWH	unable to		1109	GAKA	very

BLANKS

3652	VAGI	.....	2118	MATO	.....
1693	ITTE	.....	3947	WYXO	.....
2356	HUGV	.....	0470	GIVT	.....

NULLS

0118	AMQI
0648	DOYJ
0040	AFHE
1459	IGOH
0169	AQWU

4134 YDYD	when is		1331 HOGF	will	
3290 TEPT	when will		1404 IBEZ	will	
2244 MYUN	when will		3226 SYBM	will	NULLS
1097 FYXX	.... shall		2212 MUMI	will be	0154 AQRA
1825 KEAL	..... we be relieved		0498 GOTH	will be	4080 XIJAY
4385 ZEKX	where		1808 IVUX	will be	2647 OZXE
1380 HYFA	where		0936 EZAX	.... .. made	0159 AQWU
2936 QYLZ	where		2728 POOD	.... .. relieved	0653 DOIY
4293 YTQE	..... are		1035 FOKU	.... begin	
2840 QEPH	..... .. your headquarters		0347 BOXJ	.... lift	
3791 YVRB	..... can		4001 XIBE	will not	
3592 UTQA	..... is		3000 RIAR	will not	
3432 UDOC	..... .. your front line		4246 YPPU	will not	
3349 TOZU	..... shall		2896 QOWY	.... open fire	
3302 TICV	..... should		1830 KEFT	.... proceed	
2490 OKIJ	..... will		4152 YGCE	.... signal by	
3905 WUPL	whether		2909 QUKW	.... take place	
1231 GYGI	..... or not		3837 WEMP	.... you	
0789 EHMU	which	NULLS	0989 FECK	winch	
2324 NIZM	which	0040 AFHE	1470 IHMY	wind	
0912 EWAY	which	1459 IGCH	3941 WYRJ	.... favorable	
3954 XAEC	which	0136 APAP	1933 KYIJ	wing	
1952 LACC	which	4164 YHDE	0333 BOIC	wire	
3472 URUH	while	1319 HIUM	2837 OZBO	wire	
0129 ANQE	white		0219 AWOB	.... entanglements	
1221 GUWT	..... rocket		3318 TITC	.... Section	
1156 GIFZ	who		2409 OBXA	wireless	
4471 ZUWF	who		0828 ENOQ	wiring party	
0096 AKRY	who		3403 URDY	wish	
2420 COOC	... are		2917 QUSO	with	
3104 SAEW	who is		2109 MAKJ	with	
1725 JOAH	who is		1306 HIGZ	with	
1574 ISAQ	... will		0715 ECBC	with	
2677 PECM	whole		3203 SUDN	with	
0766 EGKO	..... front		0139 APIR	withdraw	
3763 VUDL	why		2207 MUXH	withdrawn	
3501 ULEH	why		1516 DMGE	within	
0253 BADB	why		1066 FURQ	within	
2352 NUCJ	why		3694 VEUC	within	
2054 LUEK	why are		4429 ZOEZ	without	
0833 EXXA	why are		1629 IXIX	without	
0818 EMPI	... .. not		2331 NOOT	without	
3676 VEBI	... can not		0944 EZIB	..... artillery preparation	
0504 CUEB	why is		4042 XOSG	..... delay	
2508 OCMO	why is		2737 PONB	wood-s	
2106 MAGF	... .. not		0479 COEC	work	
1522 IMUP	wide		3860 WIKN	working	
0607 DIHI	width		3036 ROLJ	..... party	
3304 TIEV	will		3541 UPLA	would	
4306 YYSI	will		1740 JOPY	would	
		BLANKS			
1656 JAGY	.....		1968 LEHA	.....
2285 MELW	.....		1362 RYHI	.....
3770 YUVE	.....		3895 WQVD	.....

0676 DYBA would
 4532 YKWO be
 0041 AFIH not
 0647 CYXG wounded
 2652 QQIP wounded
 2018 LITK wreck
 1864 KIPO writing
 1158 GIIJ written
 1218 GUTR wrong
 2646 QEWO x
 3145 SEVA x
 4127 YDDU y
 4272 YRUQ y
 3283 TELX yard-s
 3081 RYGG yard-s
 3601 UVER yellow
 1983 LEIP yellow rocket
 3309 TIJP yes
 2491 OKJB yes
 1543 HOTP yesterday
 0195 ATVA yet
 4187 YFBE yet
 0168 AQVO you
 2282 NEHG you
 1146 GEWQ you
 1600 ILAJ ... are
 4279 YSPE ... will
 3278 TSDY be relieved
 1782 JYBE your
 0613 DIWL your
 0816 EMNE your
 3441 UPFO your
 3840 WEPR Battalion
 1257 GYML brigade
 4093 KYTC company
 0528 BODI division
 3606 ULLO headquarters
 2800 OVAR men
 0213 AWBI position
 2614 CMIL regiment
 2353 NUDS sector
 4855 ZADA squadron
 1008 FIH x
 0506 CUGU x
 3070 RUVU zero
 2706 FIGF zero hour
 3602 UVIS zero hour
 2942 QYRO has been postponed
 0152 AQIS zone

NULLS
 3158 SIIV
 2493 OKLO
 0136 APAP
 3849 WEZA
 1319 HIUM

BLANKS

2594 OTTI
 3990 XEQQ
 3394 TYUV
 0678 DYDI
 0694 FEUL
 3617 UWTE
 1446 IFOG
 0792 EELE
 3793 VYTE
 0689 DYOD
 1284 HEKA
 3680 VEYI
 2732 POHR
 1079 FYBC
 2062 LUCT
 3692 VESG
 2363 NYIM
 1466 IGOJ
 3783 WYIT
 0765 EHLJ
 2747 POKL
 2683 OSVU
 2662 PAFL
 2064 LUPU
 2672 PAXU
 1653 JADS
 1999 LEZH
 0939 EZDO
 3826 WEBE

D E C O D I N G S E C T I O N

0000	ABAB	code lost	0050	AGAG	previous
01	CA	al	51	EH	evening
02	DE	ra	52	HA	anti-aircraft
03	EC	1st Division	53	IJ	292-nd
04	FI	when	54	JE	hostile battery
05	GO	lengthen	55	KI	751-st
06	HU	567-th	56	LO	confident
07	ID	communicate	57	MU	30-th
08	JY	161-st	58	NY	6-th
09	OF	enough	59	OK	are you
10	UG	135-th	60	UL	9:30 P.M.
11	YH	infantry airplane	61	YM	list
0012	ACAC	baggage	0062	AHAK	
13	DA	this is a practice message	63	EJ	cut
14	ED	923-rd	64	IK	beyond
15	FE	gray	65	JA	we can
16	GI		66	KE	lead
17	HO	dirigible	67	LI	.25
18	IF	976-th	68	MO	A.M.
19	JU	until	69	NU	crossing
20	KY	bullet	70	OL	Quartermaster
21	OG	more	71	PT	f
22	UH	subordinate	72	UM	190-th
23	YJ	adjust	73	YN	of the enemy
0024	ADAD	organize	0074	AJAJ	today
25	EF	send up ammunition	75	EK	counter-barrage
26	FA	come	76	IL	undecipherable
27	GE	southeast	77	KA	k
28	HI	falling back	78	LE	fortify
29	IG		79	MI	307-th
30	JO	period	80	NO	Assistant Provost Marshal
31	KV	being	81	OM	242-nd
32	LY	Reel Cart	82	PU	s
33	OH	716-th	83	QY	halt
34	UJ	gassed	84	UN	troop
35	YK	678-th	85	YP	cannot you
0036	AFAP	get	0086	AKAK	first class
37	DZ		87	CS	
38	EG	j	88	EL	deploy
39	GA	arm	89	IM	should not
40	HE	mull	90	LA	3/5
41	IH	would not	91	ME	b
42	JI	horizontal	92	NI	55-th
43	KO	reported	93	ON	able
44	LU	preparation	94	PO	Provost Marshal
45	MY	592-nd	95	QU	farm
46	NC		96	RY	who
47	OJ	361-st	97	SC	
48	UK	85-th	98	UP	secret
49	YL	automatic	99	YQ	ex

0100	ALAL	Company F	0150	AQAA	Field Artillery Brigade
01	EM	surrender	51	ER	or
02	IN	high explosive shell	52	IS	zone
03	MA	100-th	53	OT	166-th
04	NE	vicinity	54	RA	null
05	OP	by the	55	SE	cannot decipher
06	PI	order	56	TI	636-th
07	QD	motor car	57	UV	moving up
08	RU	120-th	58	VO	you
09	SY	special	59	WU	null
10	UQ	for	60	XY	send out patrols
11	YR	0	61	YW	is
0112	AMAM	est	0162	ARAR	Photo Section
13	EM	591-st	63	ES	being established
14	IP	marked	64	IT	sure
15	NA	on the left	65	OV	imperative
16	OQ	shells	66	SA	743-rd
17	HE	be	67	TE	over
18	QI	null	68	UV	tion
19	RO	there	69	VI	Brigade Plans and Training/
20	SU	suffocate	70	WO	
21	TY	from	71	XU	233-rd
22	UR	72-nd	72	YK	heliograph
23	YB	satisfactory	73	ZI	railroad
0124	ANAN	we are in need of	0174	ASAS	out
25	EP	altitude	75	BY	side
26	IQ	daylight	76	ET	277-th
27	OR	o'clock	77	IV	died
28	PA	men	78	OW	said
29	QE	white	79	TA	Pack Train
30	RI	recommend	80	UK	Field Artillery
31	SO	have left	81	YE	Kitchen Trailer
32	TU	Regimental Supply Officer (R-4)	82	WI	Visual Section
33	US	understand	83	XD	branch
34	VY	31-st	84	YZ	7-th
35	YT	Commanding Officer	85	ZU	Hospital Company No. 1
0136	APAP	null	0186	ATAT	require
37	EQ	caliber	87	BU	
38	ED		88	CY	been
39	IR	withdraw	89	EV	replacement
40	OS	road	90	HN	
41	QA	s	91	IW	decrease range
42	RE	when are	92	MS	
43	SI	Lieutenant	93	OX	1/16
44	TO	303-rd	94	UZ	in support
45	UT		95	VA	yet
46	VU	Troop C	96	WE	434-th
47	WY	944-th	97	XI	Cavalry Division
48	YY	mile-s	98	YB	12:01 A.M.
49	ZL		99	ZO	343-rd

0200	AVAV	the	0250	BAAD	Headquarters Platoon
01	BO	along	51	BK	70-th
02	CU	un	52	CZ	bombardment
03	DY	957-th	53	DB	why
04	EW	have	54	EF	daylight
05	IX	878-th	55	FA	841-st
06	OZ	probably	56	GE	about
07	UB	209-th	57	HI	2-nd
08	WA	ca	58	IG	men missing
09	XE	660-th	59	JO	460-th
10	YC	be	60	KU	enemy
11	ZI	rear	61	LY	
			62	MC	poor
0212	AWAN	grenade	63	ML	484-th
13	BI	your position	64	OH	Bengal Flares
14	GO	730-th	65	PM	projectile
15	DU	information	66	RP	surface
16	EK	9:00 P.M.	67	SQ	914-th
17	FY	place	68	TR	fill
18	IZ	commence	69	UJ	
19	OB	wire entanglements	70	VS	95-th
20	UC	go	71	WT	interfere
21	XA	hand	72	XV	retake
22	YD	333-rd	73	YK	air
23	ZE	nd	74	ZW	1/7
0224	AXAK	advancing	0275	BEAC	hill
25	HE	our communications	76	BZ	532-rd
26	OI	I can	77	CB	near
27	DO	search	78	DA	180-th
28	EZ	too short	79	ED	Forage Section, Field Train
29	FU	damp	80	EE	concrete Section
30	GY	left	81	GI	Telephone and Telegraph
31	IB	killed	82	HO	quote Howitzer Company
32	OC	578-th	83	IP	Light Mortar Section,
33	UD	service	84	JU	operate
34	YF	Wagon Train	85	KY	701-st
35	ZA	o (letter)	86	LK	advantage
			87	ML	
0236	AZAZ	flag	88	NM	1/3
37	BA	503-rd	89	OG	front
38	CE	Assistant Chief of Staff, G-3	90	PH	when can
39	DI	replace	91	RQ	758-th
40	EB	machine gun fire	92	SR	during
41	FO	796-th	93	TS	269-th
42	GU	supplies	94	UH	P
43	HY	get ready	95	VT	school
44	IC	mortar	96	WV	381-st
45	KL		97	XW	all
46	OD	316-th	98	YJ	
47	ST		99	ZK	Field Hospital
48	UF	51-st			
49	YG	call			

0300	BIAB	anti-aircraft artillery	0360	BUAX	may be
01	BJ	track	51	BE	excepting
02	CA	z	52	CI	retire
03	DE	726-th	53	DO	morning report
04	EO		54	EZ	263-rd
05	FI	brought	55	FU	
06	GO	Playfair Cipher	56	GY	begin
07	HU	858-th	57	HK	752-nd
08	ID	how is the situation	58	IB	message
09	JY		59	JL	renew
10	KK	212-th	60	KM	476-th
11	LL	destroy	61	LN	99-th
12	MM	965-th	62	MP	change
13	NN	notify	63	NQ	enemy heavy artillery
14	OP	528-th	64	OC	5-th
15	PP	establish	65	PR	12:00 midnight
16	RR	village	66	RT	1/4
17	SS	needed	67	SV	rd
18	TT	suppose	68	TW	480-th
19	UG	above	69	UD	ammunition
20	VV	th	70	VH	439-th
21	WW	429-th	71	WJ	in conjunction with
22	XX	flare	72	XG	638-th
23	YH	593-rd	73	YF	1/9
24	ZZ	done	74	ZA	One-pounder Section, Rowitzer Company
0325	BQAZ	reference	0375	BYAN	an
26	BA	500-th	76	BI	Division
27	CE	in	77	CO	shortage
28	DI	your division	78	DU	goniometric
29	EB	then	79	EK	171-st
30	FO	all ready	80	FY	
31	GU	trouble	81	GK	detachment
32	HY	possession	82	HL	our light artillery
33	IC	wire	83	IZ	What is the position
34	JK	fuse	84	JM	radio operator
35	KL	wait for	85	KN	928-th
36	LM		86	LP	48-th
37	MH	date	87	MQ	Command Post; C.P.; P.C.
38	NP	Second Army	88	NR	
39	OD	331-st	89	OE	291-st
40	FQ	Machine Gun and Howitzer Officer	90	PE	howitzer
41	RE	reinforcements have arrived	91	RV	908-th
42	ST	8:00 P.M.	92	SG	afternoon
43	TV	as long as pany	93	TH	pending
44	UF	Service Section, Ordnance Com-	94	UC	sound
45	VW	854-th	95	VJ	normal
46	WX	has been	96	WF	Judge Advocate
47	XJ	will lift	97	XA	380-th
48	YG	793-rd	98	YD	can
49	ZR	let	99	ZE	into action

0400	CAAF	ion	0450	CIAC	gas shell
01	EW	necessity	51	BZ	narrow
02	GX	am not	52	CB	artillery position
03	DZ		53	DA	400-th
04	EG	space	54	ED	2nd Construction Section
05	FB	137-th	55	FE	452-nd
06	GA	flying	56	GI	hot
07	HE	781-st	57	HO	268-th
08	IH	referring to	58	IF	668-th
09	JI	tt	59	JU	com
10	KD	command	60	KY	604-th
11	LU	when	61	LK	message center
12	MY	retreat	62	ML	65-th
13	NC	ground	63	NM	gun
14	OJ	864-th	64	OG	on this
15	PD	none on hand	65	PN	minutes
16	RN	are we	66	RQ	12-inch
17	SP	storage battery	67	SR	.15
18	TQ	839-th	68	TS	Command Post established
19	UK	horse-a	69	UH	353-rd
20	VR	nothing to report	70	VT	
21	WS	195-th	71	WV	dark
22	XT	di	72	XW	115-th
23	YL	Water Section	73	YJ	airplane reports
24	ZV	form	74	ZX	5/16
0425	CEAD	VIII Corps	0475	COAB	exact
26	BX	reply at once	76	BJ	912-th
27	CZ		77	CA	our artillery is shelling us
28	DB	hold	78	DE	540-th
29	EF	th	79	EC	work (Bn-2)
30	FA	urgent	80	FI	Battalion Intelligence Officer/
31	GE	can you	81	GO	612-th
32	HI	mll	82	HU	quiet day
33	IG	721-st	83	ID	here
34	JO		84	JY	send up
35	KU	in cooperation with	85	KK	795-th
36	LY	948-th	86	LL	almost
37	MC	could not	87	MM	improve
38	NL	photo	88	NN	8-th
39	OH	989-th	89	OF	going
40	PM	listening	90	PP	over
41	RP		91	HR	1-ton
42	SQ	sign	92	SS	begun
43	TR	502-nd	93	TT	175-th
44	UJ	ocme	94	UG	dawn
45	VS	658-th	95	VV	653-rd
46	WT	3rd Division	96	WW	tomorrow
47	XV	has not been	97	XX	18-th
48	YK	558-th	98	YH	will be
49	ZW	12:30 P.M.	99	ZZ	green

0500	CUAZ	firing	0550	DAAG	quick
01	BA	are	51	BV	are not
02	CE	too little	52	CW	future
03	DI	hostile troop	53	DX	60-th
04	EB	why is	54	EH	cc
05	FO	station	55	FZ	my
06	GU	"	56	GB	880-th
07	HY	Assistant Chief of Staff, G-4	57	HA	is not
08	IC		58	IJ	246-th
09	JK	156-th	59	JE	not
10	KL	more	60	KI	level
11	LM	1:16 A.M.	61	LO	889-th
12	MN	connect	62	MU	route
13	NP	strong	63	NY	391-st
14	OD	666-th	64	OK	Battalion Supply Officer (Bn-4)
15	PQ	Radio Service Code (No.)	65	PC	
16	RS	thorough	66	RF	936-th
17	ST	490-th	67	SN	full-y
18	TV	ate	68	TP	pe
19	UF	10-inch	69	UL	plan
20	VW	final	70	VQ	unit
21	WX	321-st	71	WR	alter
22	XJ	impulse	72	XS	81-st
23	YG	407-th	73	YM	27-th
24	ZR	has not arrived	74	ZT	infantry
0625	CYAX	trench mortar	0675	DEAF	once
26	BE	by	76	BW	was
27	CI		77	CX	Cavalry Division
28	DO	observation	78	DZ	what code
29	EZ	on	79	EG	passenger
30	FU	our reserve	80	FB	827-th
31	GY	table	81	GA	later
32	HK	drown	82	HE	Heavy Tank Company
33	IB	should be	83	IH	relieving
34	JL	received	84	JI	time
35	KM	am	85	KO	Ambulance Company No. 1
36	LN	182-nd	86	LU	Company
37	MP	net	87	MY	wi
38	NQ	frequent	88	NC	inspect
39	OC		89	OJ	3/4
40	ER	Regimental Personnel Officer	90	PD	fire
41	RT	745-th	91	RN	dug-out
42	SV	cancel	92	SP	451-st
43	TW	send	93	TQ	mine crater
44	UD	967-th	94	UK	sent to
45	VH	ful	95	VR	compel
46	WJ	.65	96	WS	possess
47	XG	wounded	97	XT	762-nd
48	YP	await	98	YL	least
49	ZA	established	99	ZV	maximum

(R-2)

0600	DIAD	6:00 A.M.	0660	DUAB	main body
01	EX	and	51	BJ	s
02	CZ	radio	52	GA	enemy cavalry
03	DE	152-nd	53	DE	831-st
04	EF	stand	54	EC	question
05	FA	up	55	FI	not received
06	GE	board	56	GO	468-th
07	HI	width	57	HU	in enemy's hands
08	IG	present	58	ID	
09	JO	359-th	59	JY	this
10	KU	mark outline	60	KK	191-st
11	LY		61	LL	according to
12	MC	artillery support	62	MM	wo
13	NL	your	63	NH	is
14	OH	morning	64	OF	west
15	PM	208-th	65	PP	881-st
16	RP	es	66	RR	Battalion Adjutant (Bn-1)
17	SQ	847-th	67	SS	537-th
18	TR	having	68	TT	organization
19	UJ	null	69	UG	267-th
20	VS	Chemical Warfare Service	70	VV	among
21	WT	790-th	71	WW	374-th
22	XV	shmt	72	XX	enfilade
23	YK	has not	73	YH	of
24	ZW	transportation	74	ZZ	large
0625	DOAC	phone	0675	DYAZ	sector
26	BZ	defensive	76	BA	would
27	CB	tear	77	CE	Assistant Chief of Staff, G-2
28	DA	jump	78	DI	
29	ED	rear guard	79	EB	leading element
30	FE	advance	80	FO	Wagon Section
31	GI	too	81	GU	flying formation
32	HO	709-th	82	HY	40-th
33	IF	null	83	IC	n
34	JU	companies	84	JK	143-rd
35	KY	regulate	85	KL	airdrome
36	LK		86	LM	kill
37	ML	great	87	MN	lines
38	NM	parties	88	NP	being sent
39	OG	417-th	89	OD	
40	PH	and	90	PQ	shall
41	RQ	unfavorable	91	RS	no change
42	SR	feet	92	ST	balloon
43	TS	Supply Officer (See also under/	93	TV	rifle
44	UH	practice message	94	UF	men killed
45	VT	entrench	95	VN	every
46	WV	reported	96	WX	4/5
47	XW	green rocket	97	XJ	Company D
48	YJ	null	98	YG	Thursday
49	ZX	drive	99	ZE	non-commissioned officer

0700	EBAZ	O.K.	0750	EGAF	how
01	BA	desire	51	EG	.2
02	CE	te	52	GA	case
03	DI	as soon as	53	HE	63-rd
04	EE	155-th	54	IH	no relief
05	FO	ing	55	JI	supplies
06	GU	202-rd	56	KO	whole front
07	HY	raids	57	LU	have you
08	ID	too far	58	MY	pollute-d
09	OD	1/10	59	OJ	266-th
10	UF	o	60	UK	mortar
11	YG	ne	61	YL	3-rd
0712	ECAB	enlisted men	0762	EHAG	battery
13	CA	we hold the line	63	EH	754-th
14	DE	relief has arrived	64	HA	practice message
15	EC	with	65	IJ	
16	FI	barbed wire	66	JE	shorten range
17	GO	pistol	67	KI	436-th
18	HU	629-th	68	LO	counter-attack
19	ID	day	69	MU	which
20	JY	8:30 A.M.	70	NY	10:30 P.M.
21	OF	113-th	71	OK	Lewis machine gun
22	UG	lift barrage	72	UL	968-th
23	YH	2nd Squadron	73	YM	our
0724	EDAC	something	0774	EJAH	send up
25	DA	descending	75	EJ	attack postponed
26	ED	trench	76	IK	out of range
27	FE	ro	77	JA	men wounded
28	GI	understood	78	KE	shelter
29	HO	Brigade Intelligence Officer(B-2)	79	LI	941-st
30	IF	818-th	80	MD	has
31	JU	3rd Division	81	NU	Regimental Headquarters
32	KY	established	82	OL	717-th
33	OG		83	PY	observe
34	UH	483-rd	84	UM	678-rd
35	YJ	hang	85	YN	battalion
0736	EFAD	2000-th	0786	EKAJ	making
37	BX		87	BS	
38	EP	con	88	EK	penetrate
39	FA	340-th	89	IL	653-rd
40	GE	arrive	90	JB	
41	HI	interrogation point (?)	91	KA	howitzer
42	IG	681-st	92	LE	
43	JO	q	93	MI	clearing
44	KU	usual	94	NO	526-th
45	LY	522-rd	95	OM	397-th
46	OH	condition	96	PU	474-th
47	QN		97	QY	no casualties
48	UJ	513-th	98	UN	10:15 A.M.
49	YK	may	99	YP	422-rd

0800 ELAK	much	0850 EQAP	mobilize
01 EL	cross	51 EQ	our right
02 IM	week	52 IR	details follow
03 LA	stubborn	53 OS	772-nd
04 ME	fo	54 QA	what
05 NI	fo	55 HE	216-th
06 ON	8:00 A.M.	56 SI	V Corps Trains
07 PO	455-th	57 TO	Transportation Section, <u>Division</u>
08 QU	Headquarters Section	58 UT	12-th
09 RY	421-st	59 VU	74-th
10 UP	too much	60 WY	Company I
11 YQ	gas	61 YY	9-th
0812 EMAL	d	0862 KRAQ	630-th
13 EM	surveillance	63 ER	demolish
14 IM	926-th	64 IS	rs
15 MA	helium	65 OT	slope
16 NE	your	66 RA	hear into effect
17 OP	commander	67 SE	new Division Field Code going/
18 PI	why are not	68 TI	920-th
19 QO	personnel	69 UV	field
20 RU	174-th	70 VO	47-th
21 SY	detail	71 WU	outside
22 UQ	675-th	72 XY	28-th
23 YR	try	73 YW	has
0824 ENAM	o (letter)	0874 ESAR	mask
25 EN	result	75 ES	shell-hole
26 IP	Double Transposition Cipher	76 IT	during
27 MA	this	77 OV	squad
28 OQ	wiring party	78 SA	including
29 PE	i	79 TE	271-st
30 QI	wait for instructions	80 UW	gone
31 RO	739-th	81 VI	violent
32 SU	fight	82 WO	occur
33 TY	one	83 XU	commence
34 UR	590-th	84 YX	send
35 YS	main	85 ZY	remove
0856 EPAN	hostile infantry	0886 ETAS	fireworks
37 EB		87 EY	801-st
38 EP	842-nd	88 CK	
39 IQ	does	89 ET	Construction Company
40 JV		90 IV	375-th
41 OR	cover	91 OW	so
42 PA	496-th	92 QH	
43 QE	6:15 A.M.	93 TA	Corporal
44 RI	319-th	94 UX	992-nd
45 SO	Forward Communication Central	95 VE	ry
46 TU		96 WI	555-rd
47 US	508-th	97 XO	have not
48 VY	539-th	98 YZ	899-th
49 YT	millimeter	99 ZU	336-th

0900	EVAT	way	0950	FAAH	mass
01	BU	12:30 A.M.	51	BT	a
02	CY	Company K	52	CV	party
03	EV	154-th	53	DW	were not
04	IW	850-th	54	EJ	it was
05	OX	do	55	FX	394-th
06	UZ	409-th	56	GZ	mo
07	VA	thing	57	HB	1/64
08	WE	heavy loss	58	IK	62-nd
09	XI		59	JA	Corps Commander
10	YB	122-nd	60	KE	unintelligible
11	ZO	course	61	LI	ness
0912	EWAV	which	62	MO	282-nd
13	BO	low	63	NU	Axis(or Axes)of Signal Commu/
14	CU	11:00 A.M.	64	OL	825-th
15	DY	ready	65	PY	now
16	EW		66	RD	463-rd
17	IX	106-th	67	SF	medical
18	OZ	gas attack	68	TG	6:15 P.M.
19	UB	tomorrow	69	UM	181-st
20	WA	351-st	70	VP	en
21	XE	Headquarters Troop	71	WQ	original
22	YC	784-th	72	XR	ut
23	ZI	rounds	73	YN	at present
0924	EXAW	considerable	74	ZS	994-th
25	BI	to	0975	FRAG	ive
26	CO	piece	76	BV	stabilization
27	DU	231-st	77	CW	messenger
28	EK	tap	78	DX	955-th
29	FY	driven out	79	EH	again
30	IZ	tree	80	FZ	
31	OB	increase	81	GB	704-th
32	UC	warrant officer	82	HA	ford
33	XA	why are	83	IJ	624-th
34	YD	have	84	JE	motorcycle
35	ZE	2nd Platoon	85	KI	893-rd
0956	EZAX	will be made	86	LO	request information
37	BE	550-th	87	MU	been
38	CI	Company L	88	NY	shot
39	DO		89	OK	winch
40	EZ	890-th	90	PC	not
41	FU	main trench	91	RF	91-st
42	GY	shell-fire	92	SN	a
43	HK		93	TP	supplies
44	IB	without artillery preparation	94	UL	
45	OC	683-rd	95	VQ	O.K.
46	QS		96	WR	838-th
47	UD	1:15 P.M.	97	XS	2:30 A.M.
48	YF	37-mm.	98	YM	lower
49	ZA	530-th	99	ZT	756-th

1000 FTAF forward
 01 BW left
 02 CX question mark (?)
 03 DE these
 04 EG water
 05 FB mistake
 06 GA 791-st
 07 HE 34-th
 08 IH s
 09 JI equip
 10 KO mill
 11 LU recover
 12 MY 744-th
 13 NC succeed
 14 OJ rack
 15 PD 963-rd
 16 RH our artillery
 17 SP 103-rd
 18 TQ large
 19 UK agree
 20 VR 671-st
 21 WS request authority
 22 XT
 23 YL if
 24 ZV 193-rd

1025 POAD Outpost Company
 26 BX lose
 27 CZ up
 28 DE et
 29 EF 12:15 P.M.
 30 FA tank
 31 GE
 32 HI hard
 33 IG 560-th
 34 JO machine gun
 35 KU will begin
 36 LY 865-th
 37 MC Army Headquarters
 38 NL 8-inch
 39 OH IV Corps
 40 PM
 41 RP 346-th
 42 SQ o'clock
 43 TR 959-th
 44 UJ seen
 45 VS 3:15 A.M.
 46 WI can be
 47 XV 545-th
 48 YK how is
 49 ZW 521-st

1060 FUMC into
 51 BZ 257-th
 52 CB night passed quietly
 53 DA 3000-th
 54 ED as far as
 55 FE 898-th
 56 GI result
 57 HO 5:45 P.M.
 58 IP guard
 59 JU .4
 60 KY 817-th
 61 LK in communication with
 62 ML os
 63 NM but
 64 OG 226-th
 65 PW essential
 66 RQ within
 67 SR 3-rd
 68 TS g
 69 UH L
 70 VT 88-th
 71 WV message understood
 72 XW solid
 73 YJ 117-th
 74 ZX feet

1075 FYAB look be returned
 76 BJ old Division Field Code will
 77 GA 3:00 A.M.
 78 DE cross roads
 79 EC
 80 FI slow
 81 GO absolutely necessary
 82 HU 10:45 P.M.
 83 ID 275-th
 84 JY evening report
 85 KK 390-th
 86 LL Motor Truck Company
 87 MM 449-th
 88 NN permission
 89 OF ce
 90 PF sending station
 91 RR turned over
 92 SS probably
 93 TT hit
 94 UG command
 95 VV 411-th
 96 WW rations
 97 XX when shall
 98 YH 918-th
 99 ZZ shock

1100	GAAJ	cannot	1150	GIAG	Field Artillery
01	BS	788-th	51	BV	283-rd
02	CT	snow	52	CW	4000-th
03	DV	869-th	53	DX	hangar
04	EK	all right	54	EH	request
05	FW	206-th	55	FZ	who
06	GK	Munitions Officer	56	GB	
07	HZ		57	HA	Assistant Chief of Staff, /
08	IL	have taken	58	IJ	written
09	KA	very	59	JE	467-th
10	LE	5:30 A.M.	60	KI	key
11	MI	barrage wanted	61	LO	369-th
12	NO	416-th	62	MU	intact
13	OM	mooring	63	NY	Troop E
14	PU	32-nd	64	OK	896-th
15	QY	evening	65	PC	bring
16	RC	324-th	66	RF	10:15 P.M.
17	SD	in succession	67	SN	1-st
18	TF	topography	68	TP	intercept station
19	UM	attack ground troops	69	UL	receiving
20	VG	.1	70	VQ	892-nd
21	WH	p	71	WR	e
22	XQ	what	72	XS	4-th
23	YP	held	73	YM	probable
24	ZB	screen	74	ZT	ent
1125	GEAH	preparing	1175	GOAF	important
26	BT	our patrol	76	BW	933-rd
27	CV	son	77	CX	Aid Station
28	DW	cipher device	78	DZ	pioneer
29	EJ	their	79	EG	da
30	FX	is	80	FB	168-th
31	GZ	la	81	GA	hostile
32	HB	from	82	HE	Wagon Company No. 1
33	IK	steep	83	IH	Brigade Headquarters
34	JA	meet	84	JI	Rolling Kitchen
35	KE	offense	85	KO	shells
36	LI	all	86	LU	gas
37	MO	suggest	87	MY	237-th
38	NU	no	88	NC	midnight
39	OL	saw	89	OJ	799-th
40	PT	slightly wounded	90	PD	ambulance
41	RD	bombing plane	91	EM	5:15 P.M.
42	SF	305-th	92	SP	Observation Squadron
43	TG	point	93	TQ	97-th
44	UM	708-th	94	UK	located Officer (B-2)
45	VP	Brigade Supply Officer (B-4)	95	VR	Regimental Personnel /
46	WQ	you	96	WS	
47	XR	me	97	XT	enemy machine gun
48	YH	send two men here at once	98	YL	506-th
49	ZS	at	99	ZV	test

1200	GUAD	may	1250	HAAK	crew
01	EX	weather	51	BR	820-th
02	CZ	855-th	52	CS	flash
03	DB	at least	53	DT	910-th
04	EF	nothing	54	EL	n
05	FA	304-th	55	FV	454-th
06	GE		56	GW	Intelligence Platoon
07	HI	courier	57	HX	4:15 P.M.
08	IG	4:00 P.M.	58	IM	252-nd
09	JO	.95	59	KE	oc
10	KU	no longer	60	LA	approximate
11	LY	6:45 A.M.	61	ME	970-th
12	MC	reach	62	NI	none
13	NL	566-th	63	ON	
14	OH	because	64	PO	last night
15	PM		65	QU	16-inch
16	RP	supply train	66	RY	935-th
17	SQ	dummy	67	SC	morning
18	TR	wrong	68	TD	533-rd
19	UJ	unless	69	UP	172-nd
20	VS	men killed	70	VF	communicating trench
21	WT	white rocket	71	WG	recovery
22	XV		72	XH	automobile
23	YK	Distributing Point	73	YQ	po
24	ZW	serious	74	ZJ	salient
1225	GYAC	626-th	1275	HEAJ	in front
26	BZ	convoy	76	BS	true
27	CB	740-th	77	CT	10-ton
28	DA	on both sides	78	DV	Deputy Chief of Staff
29	ED	station	79	EK	rm
30	FE	accident	80	FW	platoon
31	GI	whether or not	81	GX	184-th
32	HO	325-th	82	HZ	em
33	IF	ha	83	IL	list-s
34	JU	60-pounder	84	KA	
35	KY	disable	85	LE	ought not
36	LK	Tank Company (light)	86	MI	skirmish
37	ML	your brigade	87	NO	
38	NM	making	88	OM	corner
39	OG	783-rd	89	PU	transfer
40	PN	er	90	QY	attention
41	RQ		91	RC	45-th
42	SR	opposite	92	SD	this
43	TS		93	TF	river
44	UH	coordinate code	94	UN	90-th
45	VT	378-th	95	VG	843-rd
46	WV	r	96	WH	better
47	XN	1st Division	97	XQ	610-th
48	YJ	9:15 P.M.	98	YP	3:45 P.M.
49	ZX	send one man here at once	99	ZB	exact range

1500 HIAH might not
 01 BT battery
 02 CV our artillery is firing
 03 DW wear
 04 EJ 872-nd
 05 FX he
 06 GZ with
 07 HB moving
 08 IK
 09 JA aeto
 10 KE 1:00 P.M.
 11 LI motor
 12 MO 888-th
 13 NU bayonet
 14 OL strength
 15 PY 943-rd
 16 RD ies
 17 SF 513-th
 18 TG 131-th
 19 UM mall
 20 VP get
 21 WQ
 22 XR 366-th
 23 YN in oods
 24 ZS northeast

1325 HQAG v
 26 BV Chief of Staff
 27 CW 575-rd
 28 DX returned
 29 EH
 30 FZ force
 31 GB will
 32 HA invisible
 33 IJ 2nd Division
 34 JE 341-st
 35 KI did
 36 LO Ammunition Company
 37 MU 149-th
 38 NY phone
 39 OK enemy preparing
 40 PC VI Corps
 41 RF 975-th
 42 SH men
 43 TP yesterday
 44 UL en
 45 VQ Service Troop
 46 WR 564-th
 47 XS ab
 48 YM have lost
 49 ZT 689-th

1350 HUAF map
 51 BW q
 52 CX 453-rd
 53 DZ casualties
 54 EG-st
 55 FB neglect
 56 GA 84-th
 57 HE e
 58 IH 14-inch
 59 JI intend
 60 KO 272-nd
 61 LU Corps
 62 MY this is a practice message
 63 NC answer immediately
 64 OJ 648-th
 65 PD 236-th
 66 RW in order
 67 SP opposite
 68 TQ 506-th
 69 UK Battalion Headquarters
 70 VR 8:45 A.M.
 71 WS outskirts
 72 XT 525-th
 73 YL Headquarters
 74 ZV 20-th

1375 HYAD large
 76 RI relief
 77 CZ 680-th
 78 DE do
 79 EF 782-nd
 80 FA where
 81 GE accurate
 82 HI
 83 IG 1st Company
 84 JO on hand
 85 KU 723-nd
 86 LY enemy firing
 87 MC 36-th
 88 NL ambush
 89 OH h
 90 PM reconnaissance
 91 RP to that
 92 SQ fast
 93 TR 806-th
 94 UJ numerous
 95 VS Regimental Supply Officer(R-4)
 96 WT decrease
 97 XY 576-th
 98 YK 894-th
 99 ZW take place

1400	IBAX	execute	1480	IGAD	notwithstanding
01	BE	205-th	51	EF	coordinate-s
02	CI	broke	52	FA	no report
03	DO	vertical	53	GE	9.2-inch
04	EZ	will	54	HI	it is
05	FU	inches	55	IG	relief completed
06	GY	851-st	56	JO	
07	IB	Staff	57	KU	256-th
08	OC	3:15 P.M.	58	LY	daily
09	UD	Company A	59	OH	null
10	YF	telegraph	60	UJ	2-nd
11	ZA	first line	61	YK	Plans and Training Officer (See also under 1-3, 2-3, 3-3)
1412	ICAZ	905-th	1462	IHAF	Signal rocket
13	BA	immediately	63	EG	airplanes
14	CE		64	GA	sentry
15	DI	753-rd	65	HE	engineer
16	EB	anti-tank	66	IH	u
17	FO	450-th	67	JT	possible
18	GU	552-nd	68	KO	619-th
19	HY	have not been	69	LU	Division Field Code
20	IC	481-st	70	MY	wind
21	OD	Motor Transport Company No. 3	71	OJ	rifle grenade
22	WF	328-th	72	UK	.7
23	YG	being	73	YL	center
1424	IDAB	Operation Company	1474	IJAG	pa
25	CA	746-th	75	KH	67-th
26	DE	June	76	HA	Wagon Company
27	EC	1,000,000 -th	77	IJ	ed
28	FI	403-rd	78	JE	li
29	GO	appear	79	KI	our first line
30	HU	515-th	80	LO	advise when completed
31	ID	Forward Echelon	81	MU	Reconnaissance Officer
32	JY	6:30 P.M.	82	NY	
33	OF	my message	83	OK	second in command
34	UG	627-th	84	UL	on
35	YH	mail	85	YM	tonight
1436	IPAC	a	1486	IKAH	bed
37	BZ		87	BT	
38	DA	railway	88	EJ	811-th
39	ED	75-mm.	89	IK	276-th
40	FE	me	90	JA	cylindrical cipher device
41	GI	transmission	91	KE	927-th
42	HO		92	LI	precaution
43	IP	Army Field Code	93	MO	993-rd
44	JU	ad	94	NU	3rd Division
45	KY	7:45 A.M.	95	OL	what is
46	OG		96	PY	7006-th
47	QP		97	QC	
48	UH	conduct	98	UM	549-th
49	YJ	successful	99	YN	necessary

1500	ILAJ	you are	Company	1550	IQAN	it
01	EK	Automotive Section, Ordnance,		51	EP	Company G
02	IL	123-rd		52	IQ	769-th
03	KA	were		53	OR	per
04	LE			54	PA	3-ton
05	MI	everything		55	QE	Air Park
06	NO	856-th		56	RI	931-st
07	OM	unusual		57	SO	may not
08	PU	157-th		58	TU	
09	QY	Chemical Regiment		59	US	do not
10	UN	410-th		60	VY	2-rd
11	YP	shrapnel		61	YT	I will
1512	IMAK	to		1562	IRAP	921-st
13	EL	question mark		63	EQ	apparent
14	IM	611-th		64	IR	82-rd
15	LA	ve		65	OS	Motor Dispatch Service
16	ME	within		66	QA	5-inch
17	NI	being relieved		67	RE	him
18	ON	strict		68	SI	25-th
19	PO	218-th		69	TO	repel
20	QU	occupying		70	UT	
21	RY	well		71	VU	battalion
22	UP	wide		72	WY	under
23	YQ	ea		73	YV	must
1524	IMAL	take		1574	ISAQ	who will
25	EM	633-rd		75	ER	contime
26	IM	hungry		76	IS	man
27	MA	warning has been received		77	OT	tromblon
28	NE	311-th		78	RA	late
29	OP	activity		79	SE	returned
30	PI	732-rd		80	TI	241-st
31	QO	tonight		81	UV	adjutant
32	RU	in your		82	VO	Operating Platoon
33	SY	812-th		83	WU	290-th
34	UQ	Commanding Officer		84	XY	what is
35	YR	372-rd		85	YW	Officer (Bn-3) Battalion Plans and Training/
1536	IPAM			1586	ITAR	left
37	EM	345-th		87	EK	
38	GT			88	ES	film
39	IP	beginning		89	IT	Ambulance Battalion
40	NA	7th Division		90	OV	ous
41	OQ	569-th		91	QJ	
42	PE	fighting		92	SA	regimental
43	QI	through		93	TE	
44	RO	2:15 A.M.		94	UN	burn
45	SU	enemy infantry		95	VI	50-th
46	TY	962-rd		96	WO	Sanitary Battalion
47	UR	no		97	XU	3/6
48	YS	447-th		98	YX	losses
49	ZH			99	ZY	panel

1600	IVAS	reserve	1650	JAAL	our aviator
01	BY	burst	51	BH	could
02	BT	223-rd	52	CJ	what
03	IV	in our hands	53	DS	
04	OW		54	EM	Corps Headquarters
05	TA	have not	55	FT	816-th
06	UK	will be	56	GV	
07	VE	7:15 P.M.	57	HW	29-th
08	WI	129-th	58	IN	Assistant Chief of Staff,G-2
09	XO	.9	59	EZ	990-th
10	YZ	delayed	60	IB	on this side
11	ZU	11:30 A.M.	61	MA	registration
			62	ME	house
1612	INAT	this evening	63	OP	own
13	HU	unsuccessful	64	PI	254-th
14	CY	intense	65	QO	ence
15	EY	sub	66	HU	Salvage Officer
16	HW	to do	67	SY	me
17	OK	dressing station	68	TK	shelling
18	UE	radio	69	UQ	less
19	VA	telephone	70	VC	six-inch
20	WE	unable to decode	71	WD	interphone
21	XI	court	72	XF	945-th
22	YB	was not	73	YR	center
23	ZO	must	74	ZG	4-th
1624	IXAV	had not	1675	JEAK	if
25	BO	Motor Repair Section	76	BR	608-th
26	CU	soon	77	CS	dis
27	DY	520-th	78	DT	pilot
28	EW	across	79	EL	733-rd
29	IX	without	80	FY	Gas Company
30	OE	734-th	81	GW	Sergeant
31	UB	objective reached	82	HX	702-rd
32	WA	554-th	83	IM	down
33	XE	has been	84	IB	461-st
34	YC		85	LA	holding
35	ZI	349-th	86	ME	hi
			87	NI	188-th
1636	IZAW	Communications Platoon	88	ON	converge
37	BI	485-th	89	PO	999-th
38	CO		90	QU	plus
39	DU	defense	91	RY	759-th
40	EX	858-th	92	SC	Assistant Chief of Staff,G-3
41	FY	no reinforcements	93	TD	
42	GK		94	UP	386-th
43	IX	915-th	95	VF	296-th
44	OB	52-rd	96	WG	everywhere
45	QT		97	XH	11:15 A.M.
46	UC	428-th	98	YQ	no answer
47	IA	Headquarters Commandant	99	ZJ	659-th
48	YD	545-rd			
49	ZE	Map-coordinate Code			

1700	JIAJ	ought	1750	JUJG	mobile
01	BS	both	51	EV	st
02	CT	sweep	52	CW	enemy artillery
03	DY	127-th	53	DX	Corps
04	EK	have broken through	54	EH	670-th
05	FW		55	FZ	ia
06	GX	salvage	56	GE	rain
07	HZ	107-th	57	HA	object
08	IL	pound	58	IJ	Regimental Adjutant (R-1)
09	KA	310-th	59	JE	act
10	LE	decimal point	60	KI	ke
11	MI	754-th	61	LO	264-th
12	NO	held up	62	MU	L
13	OM	runner	63	NY	75-th
14	PU	211-th	64	OK	machine gun ammunition
15	QY	project	65	PC	902-nd
16	RC	unquote	66	RF	contact
17	SD	mount	67	SN	3-inch
18	TF	thin	68	TP	Military Police Company
19	UN	completely	69	UL	370-th
20	VG	of the	70	VQ	first aid
21	WH	unable to	71	WR	517-th
22	XQ	bl	72	XS	sanitary
23	YP	irregular	73	YM	167-th
24	ZB	sunrise	74	ZT	I
1725	JOAH	who is	1775	JYAF	3:30 A.M.
26	BT	el	76	BW	enemy troops
27	CV	er	77	CX	813-th
28	DW	increase	78	DZ	platoon
29	EJ	563-rd	79	EG	577-th
30	FX	Commanding General	80	FB	Assistant Chief of Staff
31	GZ	wait	81	GA	patrol schedule
32	HB	I Corps	82	HE	your
33	IK	what is the situation	83	IH	482-nd
34	JA	rd	84	JI	laid
35	KE	413-th	85	KO	644-th
36	LI	VII Corps	86	LU	11-th
37	MO	738-th	87	MY	es (Division Air Service)
38	NU	Brigade Headquarters	88	NC	Branch Intelligence Office-r./
39	OL	judgment	89	OJ	continuous
40	PY	would	90	PD	reply
41	RD	978-th	91	RN	445-th
42	SF	299-th	92	SP	news
43	TG	file	93	TQ	594-th
44	UM	single	94	UK	hang
45	VP	934-th	95	YR	to be
46	WQ	material not arrived	96	WS	690-th
47	XR	358-th	97	XT	ol
48	YN		98	YL	57-th
49	ZS	bottom	99	ZV	pursuit

1800	KAAM	squadron	1850	KIAK	nd
01	BC	bombard	51	BR	1-st
02	CD	there	52	CS	advanced
03	DF	100-th	53	DT	536-th
04	EN	storm	54	EL	ready
05	FG	138-th	55	FY	862-nd
06	GT	569-th	56	GW	east
07	HV	up	57	HK	tomorrow
08	IP	approximately	58	IM	225-th
09	JW	886-th	59	KB	less
10	KX	11:30 P.M.	60	LA	10-th
11	LZ	missing	61	ME	939-th
12	ME	849-th	62	NI	b
13	MA	coming up	63	ON	assistance
14	OQ	789-th	64	PO	writing
15	PE	424-th	65	QU	increase range
16	QI	heavy artillery	66	RY	
17	RO	973-rd	67	SC	56-th
18	SU	null	68	TD	ize
19	TY	badly wounded	69	UP	654-th
20	UR	192-nd	70	YP	turn
21	VK		71	WG	below
22	WL	repulse	72	XH	438-th
23	YS	watch for signal	73	YQ	8:15 A.M.
24	ZH	Finance officer	74	ZJ	it will
1825	KEAL	when shall we be relieved	1875	KOAJ	on the other side
26	BH	hyphen	76	BS	a
27	CJ	687-th	77	CT	mm
28	DS	resistance	78	DV	177-th
29	EM	arriving	79	EK	ed
30	FT	will proceed	80	FW	477-th
31	GV	559-th	81	GK	period
32	HW	event	82	HZ	9:30 A.M.
33	IN	new code	83	IL	attack
34	KZ	203-rd	84	KA	1/3
35	LB	Battalion, Horse Artillery	85	LE	398-th
36	MA	613-th	86	MI	Command Post; C.P.; P.C.
37	NE	message not understood	87	NO	720-th
38	OP	heavy	88	OM	ought to
39	PI	signal	89	PU	68-th
40	QO	2:00 A.M.	90	QY	829-th
41	RU	enemy	91	RC	all points
42	SY	596-th	92	SD	249-th
43	TK	orchard	93	TF	badly damaged
44	UQ	tis'	94	UN	seriously wounded
45	VC	2nd Division	95	VG	
46	WD	aviator	96	WH	323-rd
47	XF	692-nd	97	XQ	quiet night
48	YR	telegraph	98	YP	19-th
49	ZG	march	99	ZB	park

1900 KUAH march
 01 BT captive balloon
 02 CV 570-th
 03 DW our cavalry
 04 EJ 301-st
 05 FX miss
 06 GZ 688-th
 07 HB as
 08 IK
 09 JA nothing to report
 10 KE 857-th
 11 LI accidentally wounded
 12 MO
 13 NU no
 14 OL 222-nd
 15 PY develop
 16 RD 514-th
 17 SF strength
 18 TG remain
 19 UM thousand
 20 YP was not
 21 WQ effective
 22 XR 148-th
 23 YN 130-th
 24 ZS Sanitary Company No. 1

1925 KYAG ration cart
 26 BV v
 27 CW 105-mm.
 28 DX on
 29 EH in our trenches
 30 FZ rescue
 31 GE 647-th
 32 HA attacking
 33 IJ wing
 34 JE 715-th
 35 KI noon
 36 LO 330-th
 37 MU have arrived
 38 NY 5:30 p.m.
 39 OK
 40 PC photograph
 41 PF 5000-th
 42 SN between
 43 TP to join
 44 UL 5:45 A.M.
 45 VQ situation
 46 WR 4:45 P.M.
 47 XS 949-th
 48 YM
 49 ZT double

1950 LAAN radio station
 51 BB 20-th
 52 CC which
 53 DD
 54 EP adjoining
 55 FP 541-st
 56 GG 70-th
 57 HH need
 58 IQ reserve
 59 KW 363-rd
 60 LX but
 61 MZ 294-th
 62 NE re
 63 OR
 64 PA intensifier
 65 QE 809-th
 66 RI Surgeon
 67 SO
 68 TU at once
 69 US transport
 70 VY 971-st
 71 WK message center chief
 72 XL .8
 73 YT 9:45 P.M.
 74 ZM enemy barrage

1975 LEAM sending out patrols
 76 BC 478-th
 77 CD impractical
 78 DF operation
 79 EN
 80 FG 10-th
 81 GT brigade
 82 HV panel
 83 IP yellow rocket
 84 JW 42-nd
 85 KX loop radio set
 86 LZ 9:45 A.M.
 87 MB is having
 88 NA
 89 OQ cloud
 90 PE when is
 91 QI gn
 92 RO 243-rd
 93 SU had
 94 TY
 95 UR rush
 96 VK 913-th
 97 WL 11
 98 YS acknowledgement
 99 ZH

2000 LIAL led
 01 BH behind the lines
 02 CJ
 03 DS normal
 04 EM distinct
 05 FT 4:30 A.M.
 06 GV 230-th
 07 HW favorable
 08 IW taken
 09 KZ preparation
 10 LB
 11 MA I am
 12 ME has not
 13 OF train-s
 14 PI scatter
 15 QO 911-th
 16 RU artillery preparation
 17 SY 785-th
 18 TK wreck
 19 UQ essential
 20 VC shall
 21 WD 395-th
 22 XF Browning machine gun
 23 YR out
 24 ZG strong

2025 LOAK raiders
 26 BR 979-th
 27 CS stationary
 28 DT artillery
 29 EL in force
 30 FV this
 31 GW last
 32 HI 26-th
 33 IM fl.
 34 KB alert
 35 LA in
 36 ME report in person
 37 NI 464-th
 38 OH do you know
 39 PO rapid
 40 QU ent
 41 RY se
 42 SC 318-th
 43 TD should have
 44 UP comply
 45 VF lo
 46 WG Artillery Officer
 47 XH 705-th
 48 YQ Headquarters
 49 ZJ parallel

2050 LUAJ must
 51 BS ready to observe
 52 CT
 53 DV error
 54 EK why are
 55 FW need
 56 GX 822-nd
 57 HZ expect
 58 IL 1:30 A.M.
 59 KA having
 60 LE 860-th
 61 MI what
 62 NO b
 63 OM airplane
 64 PU
 65 QY is
 66 RC nothing to report
 67 SD examine
 68 TF 943-nd
 69 UN hostile force
 70 VG 414-th
 71 WH bark
 72 XQ get ready
 73 YP 3-rd
 74 ZB round

2075 LYAH Motor Repair Section No. 1
 76 BT ask
 77 CV 284-th
 78 DW keep
 79 EJ r
 80 FX Veterinarian
 81 GZ combat
 82 HB mile-s
 83 IX 173-rd
 84 JA defect
 85 KE period
 86 LI he
 87 MO ev
 88 NU Lieutenant
 89 OL trunk
 90 PY make
 91 RD often
 92 SF are you all right?
 93 TG 3/4
 94 UM 56-th
 95 VP does
 96 WQ re
 97 XR sometime
 98 YN 85-th
 99 ZS black

No. 2

2100	MAAP	Motor Transport Company/	2150	MIAM	may
01	BM	buzzer	51	BC	866-th
02	CW	s	52	CD	how many
03	DC	101-st	53	DF	505-th
04	EQ	151-st	54	EN	at once
05	FD	ny	55	FG	ou
06	GP	why is not	56	GT	
07	HG	consolidate	57	HV	Machine Gun Company
08	IR	sun	58	IP	418-th
09	KJ	with	59	JW	Transport Officer
10	LW	July	60	KX	Assistant Chief of Staff
11	MX	height	61	LZ	1:00 A.M.
12	NZ		62	MB	75-th
13	OS	and	63	NA	1st
14	PB	142-nd	64	OQ	was
15	QA	in the neighborhood of	65	PE	253-rd
16	RE	relieved	66	QI	dash
17	SI	front line	67	RO	rs
18	TO		68	SU	plate-s
19	UT	source	69	TY	smoke
20	VU	220-th	70	UR	hurry
21	WY	destroyed	71	YK	711-th
22	XK	770-th	72	WL	regiment
23	YY	oblige	73	YS	5-th
24	ZL	.65	74	ZH	definite
2125	MEAN	heavy tank	2175	MOAL	too
26	BB	2nd Company	76	BH	891-tt
27	CC	suspect	77	CJ	1st Construction Section
28	DD	disorder	78	DS	620-th
29	EP	there are	79	EM	if
30	FF	of our	80	FT	
31	GG	went	81	GV	visible
32	HH	company	82	HW	approach
33	IQ	what is the matter	83	IN	power
34	KW	so	84	EZ	667-th
35	LX	470-th	85	LB	patrol reports
36	MZ	effect	86	HA	6:30 A.M.
37	NE	995-th	87	NE	going
38	OR	undertake	88	OP	796-th
39	PA	message	89	PI	sent back
40	QE	932-nd	90	QO	625-th
41	RI	have not arrived	91	RU	chase
42	SO	ie	92	SY	11:45 A.M.
43	TU	339-th	93	TK	49-th
44	US	news	94	UC	sp
45	VY	494-th	95	VC	298-th
46	WK	crater	96	WD	enemy wiring party
47	XL	396-th	97	XF	686-th
48	YT	re	98	YR	artillery
49	ZM	s	99	ZG	571-st

2200	MUAK	flight	2250	MAAQ	resort
01	BR	sunset	51	BL	is being
02	CB	call letter-s	52	CM	807-th
03	DT	121-st	53	DN	Motorcycle Company
04	EL	there will	54	ER	664-th
05	FV		55	FP	period
06	GW	has	56	GD	
07	HI	withdrawn	57	HF	cease
08	IM	enemy trenches	58	IS	2.95-inch
09	KE	ter	59	JG	
10	LA	749-th	60	KH	men wounded
11	ME	discontinue	61	LJ	750-th
12	NI	will be	62	MK	nest
13	ON	spy	63	MX	479-th
14	FO	217-th	64	OT	368-th
15	QU	has	65	PZ	defend
16	RY	superior	66	RA	699-th
17	SC	coast	67	SE	our advance
18	TD	110-th	68	TI	444-th
19	UP	mosaic	69	UV	distance
20	VF	344-th	70	VO	900-th
21	WG	technical	71	WU	1-st
22	XH	demand	72	XY	postponed
23	YQ	weight	73	YZ	420-th
24	ZJ	number	74	ZO	referred
2225	MYAJ	tion	2275	NEAP	old
26	BS	how	76	BM	relief will take place
27	CT	warning	77	CN	991-st
28	DV	during the night	78	DC	code
29	EK	stabilize	79	EQ	sh
30	FW	737-th	80	FD	infantry
31	GX	Signal Officer	81	GF	Truck Section
32	HZ		82	HG	you
33	IL	depot	83	IR	enemy has broken through
34	NA	3rd Battalion	84	KJ	join
35	LE	863-rd	85	LN	
36	MI	several	86	MK	8-th
37	NO	615-th	87	NZ	Machine Gun Officer
38	OM	v	88	OS	7:30 A.M.
39	PU	stay	89	PB	2nd Division
40	QY	cannot decode	90	QA	845-th
41	RC	V.B. ammunition	91	RE	commanding
42	SD	555-th	92	SI	997-th
43	TF	town	93	TO	by enemy
44	UN	when will	94	UT	ts
45	VG	925-th	95	VU	50-th
46	WH	encounter	96	WY	not
47	XQ	887-th	97	XK	538-th
48	YP	512-th	98	YV	particular
49	ZB	step	99	ZL	247-th

2300	NIAN	strike	2350	NUAL	ee
01	BB	the	51	BH	Motor Transport Company
02	CC	east	52	CJ	why
03	DD	837-th	53	DS	your sector
04	EP	162-nd	54	EM	be ready
05	FF	by surprise	55	FT	1/2
06	GG	731-st	56	GV	
07	HH	urgently	57	HW	t
08	II	8000-th	58	IN	903-rd
09	KW	hostile	59	KZ	Field Artillery Brigade
10	LI	12:45 P.M.	60	LB	100,000-th
11	MZ	rt	61	MA	north
12	NB	859-th	62	ME	seriously wounded
13	OR	Cavalry Brigade	63	OP	a
14	PA	197-th	64	PI	25-th
15	QE	negative	65	QO	607-th
16	RI	.45-caliber	66	RU	Machine Gun Platoon
17	SO	expose	67	SY	350-th
18	TU	529-th	68	TK	possibly
19	US	78-th	69	UQ	3:00 P.M.
20	VY	I	70	VC	captured
21	WK	under	71	WD	lines of communication
22	XL	495-th	72	XF	tu
23	YT	body	73	YR	4-th
24	ZN	which	74	ZG	ot
					Service Section
2325	NOAM	must be	2375	NYAK	Transportation Platoon, /
26	BC	954-th	76	BR	great activity
27	CD		77	CS	r
28	DF	dead	78	DT	Band Leader
29	EN	684-th	79	EL	385-th
30	FG	number	80	FV	plane
31	GT	withput	81	GW	enemy reinforcements
32	HV	317-th	82	HX	116-th
33	IP	provision	83	IW	
34	JW	980-th	84	KB	patrol
35	KX	on	85	LA	send
36	LZ		86	ME	call
37	MB	Chemical Ammunition Train	87	NI	sleep
38	NA	568-th	88	ON	771-st
39	OQ	ment	89	PO	inch
40	PE	441-st	90	QU	troop
41	QI	post	91	RY	com
42	RO	507-th	92	SC	reconnoitering
43	SU	soon	93	TD	94-th
44	TY	297-th	94	UP	failed
45	UR	by	95	VP	44-th
46	YK		96	WG	reply
47	WL	524-th	97	XH	145-th
48	YS	it is	98	YQ	800-th
49	ZH	245-th	99	ZJ	direction

2400	QBAN	divide	2450	OGAC	na
01	BI	so	51	DA	being
02	CO	are	52	ED	long
03	DU	00 (number)	53	FE	Aide-de-camp
04	EX	lengthen range	54	GI	657-th
05	FY	each	55	HO	308-th
06	IZ	224-th	56	IF	instructions
07	OB	regiment	57	JU	5-th
08	UC	minutes	58	KY	87-th
09	XA	wireless	59	OG	and the
10	YD	Captain	60	UH	snipe
11	ZE	stretcher bearers	61	YJ	entanglements
2412	OCAX	he	2462	ORAD	throw
13	BE	placed	63	EP	cycle
14	CI	began	64	FA	quiet
15	DO	778-th	65	GE	unable
16	EZ	Executive Officer	66	HI	antenna
17	FU	23-rd	67	IG	release
18	GY		68	JO	infantry battery
19	IB	difficult	69	KU	unit
20	OC	who are	70	LY	133-rd
21	UD	hydrogen	71	OH	d
22	YF	433-rd	72	UJ	being shelled
23	ZA	lack	73	YK	262-rd
2424	QDAZ	heavily	2474	OJAF	position
25	BA	not necessary	75	EG	ent
26	CE	ri	76	GA	attacked
27	DI	action	77	HE	188-rd
28	EB	335-th	78	IH	quiet night
29	FO	be sent	79	JI	Military Police
30	GU	officer	80	KO	670-th
31	HY	watch	81	LU	billet-s
32	IC	listen	82	MY	send out patrols
33	OD	south of	83	OJ	45-th
34	UF	tank	84	UK	ill
35	YG	all returned	85	YL	s
2436	QFAB	from	2486	OKAG	enemy field artillery
37	BJ		87	BY	
38	CA	our left	88	EH	808-rd
39	DE	365-th	89	HA	front guns
40	EC	behind	90	IJ	where will
41	FI	614-th	91	JE	yes
42	GO	lost	92	KI	code name
43	HU	pass	93	LO	mill
44	ID	deep	94	MU	to the
45	JY	commencing	95	NY	ag
46	OF	send	96	OK	against
47	QQ		97	QD	
48	UG	947-th	98	UL	725-th
49	YH	us	99	YM	men gassed

2500	OLAH	enemy trench	2550	OQAM	meter
01	EJ	strength of enemy unknown	51	EN	could be
02	IK	Assistant Chief of Staff, G-4	52	IP	wounded
03	JA	tanks	53	MA	1-pounder
04	KE	we were	54	OQ	injure
05	LI	enter	55	PR	443-rd
06	MO	why is	56	QI	have
07	NU	runner	57	RO	
08	CL		58	SU	o (letter)
09	PY	completed	59	TY	sound ranging
10	UM	too late	60	UR	779-th
11	YW	Mobile Veterinary Hospital	61	YS	after
2512	OMAJ	him	2562	ORAN	our machine gun
13	EK	prevent	63	EP	light
14	IL	your regiment	64	IQ	silenced
15	KA	579-th	65	OR	637-th
16	LE	radio telephone	66	PA	fail
17	MI	immediately	67	QE	the
18	NO	over	68	RI	21-st
19	OM	5-th	69	SO	and
20	PU	alone	70	TU	when
21	QY	renew	71	UE	235-th
22	UN	shall be	72	YI	interval
23	YP	gun	73	YT	s
2524	OMAX	Medical Officer	2574	OSAP	consult
25	EL	keep in touch	75	EQ	know
26	IM	929-th	76	IR	736-th
27	LA	received	77	OS	only
28	ME	Veterinary Company	78	QA	transmit
29	NI	Ambulance Company	79	RE	January
30	OH		80	SI	enemy ground station
31	PO	u	81	TO	w
32	QU	has destroyed	82	UT	45-th
33	KY	phrase	83	VU	
34	UP	machine gun	84	WY	good
35	YC	see	85	YV	range
2536	OPAL	ed	2586	OTAQ	Field Train Ration and Baggage Section, /
37	BH		87	BL	
38	EM	group	88	ER	810-th
39	IN	postpone	89	IS	res
40	JX		90	OT	983-rd
41	MA	answer	91	QB	
42	NE	848-th	92	RA	accompanying gun
43	OP	322-nd	93	SE	95-th
44	PI	reinforcements	94	II	into effect
45	QO	3:30 P.M.	95	UV	new Division Field Code going/
46	RU	have not been	96	VO	515-th
47	SY	mach	97	WU	prepare
48	UQ	mp	98	XY	382-nd
49	YR	lower	99	YW	that

2600	OVAR	your men	2650	PAAR	ni
01	ES	quick	51	BK	by our
02	IT	stopped	52	CL	
03	OV	enemy position	53	DM	250-th
04	SA		54	ES	move
05	TE	are	55	FW	312-th
06	UW	724-th	56	GP	diminish
07	VI	no water	57	HQ	restore
08	WO	158-th	58	IT	964-th
09	XU	139-th	59	JZ	point
10	YX	complete	60	KC	9-th
11	ZY	105-th	61	LD	early
			62	MP	146-th
2612	OWAS	our infantry is firing on us	63	NG	intelligence
13	BY	evening	64	OV	have you
14	ET	surprise	65	PH	signal
15	IV	most	66	RB	603-rd
16	OW	Rear Echelon	67	SA	close
17	TA	tomorrow	68	TE	7:00 P.M.
18	UX	u	69	UW	reglage
19	VE	Assistant Chief of Staff, G-5	70	VI	well
20	WI	uncertain	71	WO	Division Headquarters
21	XO	squad	72	XU	
22	YZ	71-st	73	YX	363-rd
23	ZU	in	74	ZY	last night
2624	OXAT	men	2675	PEAQ	on
25	BU	request	76	BL	Communications Officer
26	CY	critical	77	CM	whole
27	EV	was	78	DN	evident
28	IW	obtain	79	ER	sending
29	OX	219-th	80	FP	I
30	UZ	end	81	GD	Pioneer Platoon
31	VA	casualties light	82	HF	qu
32	WE	urgent	83	IS	abandon
33	XI	trenches	84	JG	.3
34	YB	happen	85	KH	when
35	ZO	332-rd	86	LJ	machine gun nest
			87	MK	operation cancelled
2656	OZAV	local	88	NR	54-th
37	BO	wire	89	OT	concern
38	CU	bad-ly	90	PZ	require
39	DY		91	RA	
40	EW	infantry patrol	92	SE	d
41	GL		93	TI	ship
42	IX	few	94	UV	rush
43	OZ	952-rd	95	VO	gas grenade
44	QP		96	WU	16-th
45	UB	432-rd	97	XY	party all in
46	WA	might	98	YW	7/16
47	XE	null	99	ZC	falling
48	YC	they			
49	ZI	seem			

2700	PIAP	Corps Headquarters	2750	PUM	r
01	BM	160-th	51	BC	35-th
02	CN	unchanged	52	CD	as
03	DC	ready for attack	53	DF	546-th
04	EQ	use	54	EN	more
05	FD	this afternoon	55	FG	437-th
06	GF	zero hour	56	GT	prepare
07	HG	camera	57	HV	9-th
08	IR	pro	58	IP	616-th
09	KJ		59	JW	Intelligence Officer
10	LW	sniping	60	KX	11:00 P.M.
11	MX	814-th	61	LZ	622-nd
12	NZ	did not	62	MB	Baggage Section, Field Train
13	OS	when are	63	MA	234-th
14	PB	no patrols	64	OQ	718-th
15	QA	resist	65	PE	lift
16	RE		66	QI	
17	SI	box	67	RO	274-th
18	TO	telephone	68	SU	necessary
19	UT	354-th	69	TY	culvert
20	VU	er	70	UR	777-th
21	WY	wave length	71	VK	118-th
22	XK	Machine Gun Squadron	72	WL	fly
23	YY	972-nd	73	YS	by rocket
24	ZL	decode	74	ZH	known
2725	FOAN	our	2775	PYAL	my headquarters
26	BB	armor	76	BH	explode
27	CC	24-th	77	CJ	tri
28	DD	will be relieved	78	DS	smooth
29	EP	good	79	EM	inflating
30	FF	598-th	80	FT	
31	GG	objective	81	GV	199-th
32	HH		82	HW	August
33	IQ	could	83	IN	southeast of
34	KW	overwhelm	84	KZ	9:00 A.M.
35	LX	locality	85	LB	entire front
36	MZ	883-rd	86	MA	8:15 P.M.
37	NB	wood-s	87	NE	Chief of Staff
38	OR	provide	88	OP	on the way
39	PA	repeat	89	PI	Sanitary Company No. 2
40	QE	651-st	90	QO	940-th
41	RI	Battery D	91	RU	LL
42	SO	600-th	92	SY	February
43	TU	strgetcher bearers needed	93	TK	387-th
44	UB	697-th	94	UQ	696-th
45	YV	leading	95	VC	hundred
46	WK	518-th	96	WD	shall
47	XL		97	XF	901-st
48	YT	ch	98	YR	cannot
49	ZM	picket	99	ZG	423-rd

2800	QAAS	border	2850	QIAQ	e1
01	BY	sufficient	51	EL	personal
02	CK	ravine	52	CM	message
03	DL	also	53	DN	261-at
04	ET	top	54	ER	as
05	FM	is there any gas	55	FP	
06	GN	the	56	GD	notice
07	HP	under	57	HF	700-th
08	IV	Battalion Supply Officer (Bn-4)	58	IS	Radio Section
09	JQ	spare	59	JG	
10	KR	326-th	60	KH	morale
11	LC	how is	61	LJ	727-th
12	MD	sandbag	62	MK	Battery A
13	NF	216-th	63	NK	1/6
14	OW	null	64	OT	674-th
15	PG	casualties	65	PZ	firm
16	RJ	6:45 P.M.	66	RA	163-rd
17	SE	troops	67	SE	parties
18	TA	Machine Gun Rifle Platoon	68	TI	895-th
19	UX	766-th	69	UV	attack failed
20	VE	request reinforcements	70	VO	404-th
21	WI		71	WU	our
22	XO	advance guard	72	XY	833-rd
23	YZ	warn	73	YW	be prepared to attack
24	ZU	for	74	ZG	7-th
2825	QEAR	temporary quarters	2875	QOAP	valley
26	BK	Wednesday Officer (B-3)	76	BM	Armory Section, Ordnance Company
27	CL	Brigade Plans and Training /	77	CN	985-th
28	DM	527-th	78	DC	
29	ES	8:30 P.M.	79	EQ	Command Post, C.P., P.C.
30	FN	radio telegraph	80	FD	identify
31	GP	794-th	81	GF	492-nd
32	HQ		82	HG	barrage
33	IT	Ambulance Company No. 3	83	IR	Rifle Company
34	JZ	38-th	84	KJ	623-rd
35	KC	2-ton	85	LW	hole
36	LD	in the	86	MX	go
37	MP	northwest	87	NZ	set
38	NG	Collecting Station	88	OB	neighboring
39	OV	on the right	89	EB	459-th
40	PH	Where are your headquarters	90	QA	about to advance
41	RB	e	91	RE	9:15 A.M.
42	SA	must not	92	SI	96-th
43	TE	501-at	93	TO	2 1/2-ton
44	UW	Army	94	UT	Aircraft-Ground Troops Code (No.)
45	VI	958-th	95	VU	
46	WO	x	96	WY	will open fire
47	XU	doubt	97	XX	Combat Train
48	YX	Regimental Headquarters	98	YV	566-th
49	ZY	655-th	99	ZL	quarter

2900	QUAN	flame	2950	RAAT	arrange
01	BB	occupied	51	BU	1-st Division
02	CC	does not	52	CY	to be
03	DD	engine	53	DK	barn-
04	EP	answer	54	EV	Sanitary Company No. 3
05	FF	t	55	FL	here
06	GG	185-th	56	GM	2-nd
07	HH	captured	57	HN	at
08	IQ	924-th	58	IV	si
09	KW	will take place	59	JP	no change
10	LX	marching	60	KQ	ed
11	MZ	unless	61	LR	295-th
12	NE	Balloon Company	62	MS	has not
13	OR		63	ND	reliable
14	PA	128-th	64	OX	Troop A
15	QE	distribute	65	PF	all well
16	RI	high	66	RH	000 (number)
17	SO	with	67	SJ	line
18	TU	inspector	68	TC	the
19	US	approve	69	UZ	indication
20	VY	required	70	VA	.77-th
21	WK	204-th	71	WE	Battalion Headquarters
22	XL	du	72	XI	understand
23	YT	company	73	YB	destruction
24	ZM	private	74	ZO	my telegram
2925	QYAM	our tank	2975	REAS	or
26	BC	stop	76	BY	any
27	CD	barricade	77	CK	regular
28	DF	12:15 A.M.	78	DL	wagon
29	EN	in	79	ET	darkness
30	FG	junction	80	FM	practice message
31	GT	703-rd	81	GN	55-th
32	HV	fell	82	HP	period
33	IP	393-rd	83	IV	at once
34	JW	all	84	JQ	164-th
35	KX	result not yet known	85	KR	Gas Officer
36	LZ	where	86	LC	93-rd
37	ME	companies	87	MD	daily
38	MA	non	88	NF	canal
39	OQ	462-rd	89	OW	5/6
40	PE	Chief of Artillery	90	PU	red rocket
41	QI	583-rd	91	RJ	hour
42	RO	zero hour has been postponed	92	SB	15-th
43	SU	405-th	93	TA	acknowledge
44	TY	exhausted	94	UX	488-th
45	UR	ld	95	VE	on the
46	YK	338-th	96	WI	
47	WL	760-th	97	XO	deflating
48	YS	await instructions	98	YZ	244-th
49	ZH	parole	99	ZU	morning

3000	RIAR	will not	3050	RUAP	other
01	BK	357-th	51	BM	Radio and Panel Section
02	CL	assemble	52	CN	815-th
03	DM	904-th	53	DC	288-th
04	ES	106-th	54	EQ	in general
05	FN	detachment	55	FD	red
06	GP	974-th	56	GF	951-st
07	HQ	suck	57	HG	at
08	IT	774-th	58	IR	498-th
09	JZ	126-th	59	KJ	movement
10	KC	dispatch	60	LN	
11	LD	861-st	61	MX	to
12	MF	special troops	62	NZ	cut
13	NG		63	OS	471-st
14	OV	178-th	64	PB	ballast
15	PH	ation	65	QA	remainder
16	RB	thick	66	RE	642-nd
17	SA	wave	67	SI	men
18	TE	o'clock	68	TO	1/4
19	UN	turn in	69	UT	Commanding Officer
20	VI	what	70	VU	zero
21	WO	battery	71	WY	might be
22	XU		72	XK	712-th
23	YX	39-th	73	YV	cavalry
24	ZY	rd	74	ZL	8-th
3025	ROAQ	562-nd	3075	RYAN	605-th
26	BL	car	76	BB	been
27	CM	volley	77	CC	Service Company
28	DN	Intelligence Section	78	DD	planes
29	ER	target	79	EP	except
30	FP	679-th	80	FF	240-th
31	GD	loss	81	GG	yard-s
32	HF	scout	82	HH	April
33	IS	10:45 A.M.	83	IQ	wa
34	JG	519-th	84	KW	most of
35	KH	Assistant Chief of Staff, G-1	85	LX	419-th
36	LJ	working party	86	MZ	have no
37	MK	4:45 A.M.	87	NB	7:00 A.M.
38	NX	of enemy	88	OR	searchlight
39	OT	595-th	89	PA	
40	PZ	retaliate	90	QE	can
41	RA		91	RI	patrol reports
42	SE	correspond	92	SO	656-th
43	TI	2:45 P.M.	93	TU	IX Corps
44	UV	since	94	US	Service Battery
45	VO	663-nd	95	VY	682-nd
46	WU		96	WK	arrived
47	XY	by runner	97	XL	388-th
48	YW	7:45 P.M.	98	YT	542-nd
49	ZC	many	99	ZM	than

3100 SAAV or
 01 BO liaison
 02 CU buzzerphone
 03 DY spot
 04 EW who is
 05 FK fog
 06 GL 662-nd
 07 HM 80-th
 08 IX in detail
 09 JM 977-th
 10 KP destroyed
 11 LQ
 12 MR ridge
 13 NS 882-nd
 14 OZ head
 15 PT 489-th
 16 RG red star shell
 17 SR
 18 TJ enemy raid
 19 UB 938-th
 20 VD very
 21 WA occupy
 22 XB wet
 23 YC 561-st
 24 ZI centimeter

5125 SEAT improbable
 26 BU t
 27 CY losses
 28 DX 919-th
 29 EV few
 30 FL period
 31 GM 588-th
 32 HN drop
 33 IN 877-th
 34 JP Major
 35 KQ our wire
 36 LR signal station
 37 MS c
 38 ND 3rd Platoon
 39 OX ni
 40 PF
 41 RH light signal
 42 SJ First Army
 43 TC
 44 UZ support
 45 VA x
 46 WE designate
 47 XI 585-th
 48 YB 4:15 A.M.
 49 ZO mast

5150 SIAS communication
 51 BY charge
 52 CK .35
 53 DL 643-rd
 54 ET ir
 55 FM 2:00 P.M.
 56 GN model
 57 HP 255-th
 58 IV null
 59 JQ Medical Regiment
 60 KR same
 61 LC 2-nd
 62 MD Battery C
 63 NF 747-th
 64 OW mooh
 65 PG
 66 RJ Headquarters Company
 67 SB we
 68 TA 401-st
 69 UX damaged
 70 VE remount
 71 WI everything
 72 XO 467-th
 73 YZ do
 74 ZU part

5175 SOAR force
 76 BK trace
 77 CL break
 78 DM 826-th
 79 ES 7-th
 80 FN fire adjustment
 81 GP sending
 82 HQ 5:15 A.M.
 83 IT on the
 84 JZ 293-rd
 85 KC certain
 86 LD 761-st
 87 MF next
 88 NG 548-th
 89 OV exhausted
 90 PE 308-th
 91 RB Troop F
 92 SA 8:45 P.M.
 93 TE duty
 94 UN
 95 VI 169-th
 96 WO Construction Platoon
 97 XU 691-st
 98 YX 58-th
 99 ZY found

3200	SUAQ	1	3250	TAAN	ment
01	BL	Motor Transport Company No.1	51	BI	guns
02	CM	136-th	52	CO	of the
03	DN	with	53	DU	534-th
04	ER	Field Artillery	54	EX	into
05	FP		55	FY	period
06	GD	right	56	GK	286-th
07	HF	159-th	57	HL	Air Service
08	IS	all stations	58	IZ	
09	JG	55-th	59	JM	rapid fire
10	KE	neither	60	KN	876-th
11	LJ	that the	61	LP	furnish
12	MK	December	62	MQ	uv
13	NI	us	63	NR	196-th
14	OT	ready to advance	64	OB	casualties heavy
15	PZ	have not	65	PS	458-th
16	RA	we	66	RV	northwest of
17	SE	end	67	SG	sa
18	TI	Sergeant	68	TH	damage
19	UV	229-th	69	UC	719-th
20	VO	in progress	70	VJ	though
21	WU	together	71	WF	believe
22	XY		72	XA	er
23	YW	and	73	YD	371-st
24	ZO	Liaison Officer	74	ZE	Ordnance Officer
3225	SYAF	my	3275	TEAV	repeat
26	BM	will	76	BO	Division Headquarters
27	GN	by platoon -s	77	CU	17-th
28	DC	.85	78	DY	you will be relieved
29	EQ	stopped	79	EW	acknowledgment requested
30	FD	exception	80	FK	south
31	GF	radio	81	GL	4-th
32	HG	s	82	HM	it
33	IR	unchanged	83	IX	yard-a
34	KJ	compass	84	JN	bombarded
35	LW	821-st	85	KP	844-th
36	MI	November	86	LQ	Machine Gun Troop
37	NZ	1:45 A.M.	87	MR	trenches
38	OS	enemy airplane	88	NE	ci
39	PB	757-th	89	OZ	Assistant Chief of Staff, G-1
40	QA	territory	90	PT	when will
41	RE	Headquarters Battery	91	RG	408-th
42	SI	475-th	92	SH	length
43	TO	ammunition for	93	TJ	7/8
44	UT		94	UB	send a man here at once
45	VU	I have	95	VD	Aviation Officer
46	WY	sick	96	WA	G
47	XK	342-nd	97	XE	hospital
48	YV	de	98	YC	486-th
49	ZL	ly	99	ZI	participate

3300	TIAT	Stokes	3350	TUAR	Hospital Company No. 2
01	BU	column	51	BK	823-rd
02	CY	where should	52	CL	coming
03	DK	minus	53	DM	69-th
04	EV	will	54	ES	we are
05	FL	star	55	FN	535-th
06	GM	179-th	56	GP	infantry
07	HN		57	HQ	2:30 P.M.
08	IN	echelon	58	IT	ki
09	JP	yes	59	JZ	Ordnance Company (maintenance)
10	KQ	instantaneous	60	KC	499-th
11	LR	557-th	61	LD	period
12	MS	large caliber	62	MF	907-th
13	ND	695-th	63	NG	control
14	OX	n	64	OV	request reply
15	PF	986-th	65	PH	
16	RH	we	66	RB	m
17	SJ	can	67	SA	287-th
18	TC	Wire Section	68	TE	never
19	UZ	775-th	69	UW	41-st
20	VA	is	70	VI	Division
21	WE	661-st	71	WO	operator
22	XI	nothing	72	XU	regiment
23	YB	334-th	73	YX	1/6
24	ZO	clear	74	ZY	mean
3325	TOAS	4-ton	3375	TTAQ	679-th
26	BY	null	76	BL	by
27	CK	camouflage	77	CM	1/2
28	DL	597-th	78	DN	partially
29	ET	transferred	79	ER	ty
30	FM		80	FP	fresh
31	GN	1st Division	81	GD	239-th
32	HP	617-th	82	HF	in
33	IV	required	83	IS	not arrived
34	JQ	serious	84	JG	846-th
35	KR	713-th	85	KH	advisable
36	LC	fair	86	LJ	953-rd
37	MD	601-st	87	MK	92-nd
38	NF	visibility	88	NX	w
39	OW	2nd Division	89	OT	progress
40	PG	641-st	90	PZ	short
41	RJ	Army Field Code No.	91	RA	communication
42	SB	155-mm.	92	SE	364-th
43	TA	touch	93	TI	Rifle Platoon
44	UX	3:45 A.M.	94	UV	
45	VE	on account of	95	VO	15-th
46	WI		96	WU	following
47	XO	632-nd	97	XY	472-nd
48	YZ	11:15 P.M.	98	YW	ware
49	ZU	where shall	99	ZC	609-th

3400 UBAY fired
 01 BO 3rd Company
 02 CU success
 03 DY wish
 04 EW 213-th
 05 IX null
 06 OZ press
 07 UB 302-nd
 08 WA gassed
 09 XE 677-th
 10 YC 140-th
 11 ZI name

3412 UCAW 805-th
 13 BI brown
 14 CO Staff
 15 DU 854-th
 16 EK half
 17 FY 111-th
 18 IZ 645-th
 19 OB further details
 20 UC 510-th
 21 XA 2nd Division
 22 YD 493-rd
 23 ZE in the direction of

3424 UDAX do not understand
 25 BE want
 26 CI
 27 DO according
 28 EZ 728-th
 29 FU rest
 30 GY magazine
 31 IB simple
 32 OC where is your front line
 33 UD follow
 34 YF t
 35 ZA con

3436 UFAZ 556-th
 37 BA enemy patrol
 38 CE 982-nd
 39 DI
 40 EB had
 41 FO your
 42 GU 698-th
 43 HY east of
 44 IC 337-th
 45 JK
 46 OD killed
 47 QR
 48 UF 649-th
 49 YG 440-th

3450 UGAB em
 51 CA relay
 52 DE so
 53 EC 61-st
 54 FI chief
 55 GO 574-th
 56 HU new
 57 ID message unintelligible
 58 JY so as
 59 QF nt
 60 IG 937-th
 61 YH comma

3462 UEAC Regimental Adjutant (R-1)
 63 DA is this correct
 64 ED 768-th
 65 FE view
 66 GI 906-th
 67 HO ammunition exhausted
 68 IF 240-mm.
 69 JU place
 70 KY 265-th
 71 OG enemy attack
 72 UH while
 73 YJ mechanic

3474 UJAD ton
 75 EF enemy
 76 FA 10:00 A.M.
 77 GE minutes
 78 HI not ready
 79 IG available
 80 JO shall not
 81 KU un
 82 LY entanglements
 83 OH 79-th
 84 UJ ep
 85 YK leave

3486 UKAF officer
 87 EW
 88 EG did
 89 GA our line
 90 HE .30 caliber
 91 IH give
 92 JI 650-th
 93 KO position
 94 LU 599-th
 95 MY consider
 96 OJ 1½-ton
 97 QM
 98 UK 425-th
 99 YL 376-th

3500 ULAG Monday
 01 EH why
 02 HA coming out
 03 IJ
 04 JE 125-th
 05 KI marched
 06 LO your headquarters
 07 MU 710-th
 08 NY Evacuation Hospital
 09 OK 384-th
 10 UL have been
 11 YM 315-th

3512 UMAH orders
 13 EJ here
 14 IK there
 15 JA danger
 16 KE 100-th
 17 LI indicate
 18 MO tanks
 19 NU 196-th
 20 OL Company E
 21 FY by series of
 22 UM weak
 23 YN to

3524 UNAJ premature
 25 EK shortest
 26 IL pair
 27 KA e
 28 LE course
 29 MI send at once
 30 NO how
 31 OM 767-th
 32 PU lateral
 33 QY
 34 UN 50-th
 35 YP observation post

3536 UPAK begin
 37 BR
 38 EL help
 39 IM 950-th
 40 JZ
 41 LA would
 42 ME reoccupied
 43 NI detect
 44 ON 852-nd
 45 PO hostile cavalry
 46 QU General Staff
 47 RY 356-th
 48 JJP strip
 49 YQ condition

3550 UQAL ite
 51 EM 6-th
 52 IN mile
 53 MA 175-th
 54 NE ac
 55 OP 797-th
 56 PI Engineer Battalion
 57 QO southwest
 58 RU 256-th
 59 SY confirm
 60 UQ 674-th
 61 YR .45

3562 URAM platoon
 63 EN 5:00 P.M.
 64 IP munition
 65 NA 11:45 P.M.
 66 OQ bomb
 67 PE 589-th
 68 QI no
 69 RO 1/32
 70 SU quiet
 71 TY reinforcements being sent
 72 UR 25-th
 73 YS one

3574 USAN detach
 75 EP received
 76 IQ just
 77 OR safe
 78 PA Tuesday
 79 QE h
 80 RI encode
 81 SO 278-th
 82 TU immediate
 83 UE urgently
 84 VY heavy
 85 YT right

3586 UTAP sending up
 87 BM
 88 EQ being pushed back
 89 IR null
 90 JH
 91 OS 2:45 A.M.
 92 QA where is
 93 RE 1000-th
 94 SI out
 95 TO
 96 UT 90-th
 97 YU 504-th
 98 WY 469-th
 99 YV enemy light artillery

3600	UVAQ	Commanding General	3650	VAAX	food
01	ER	yellow	51	BE	6-th
02	ES	zero hour	52	CI	
03	OT	from the	53	DO	hostile patrol
04	RA	southwest of	54	EZ	792-nd
05	SE	639-th	55	FU	Chemical Battalion
06	TI	American	56	GY	83-rd
07	UV	12:45 A.M.	57	HK	at
08	VO	neighborhood	58	IB	1-st
09	WU	347-th	59	JL	informed
10	XY	e	60	KM	392-nd
11	YW	take	61	LN	commenced
3612	UWAR	locate	62	MP	765-th
13	ES	Signal Corps	63	NQ	must have
14	IT	6-inch	64	OC	835-th
15	OV	aim	65	PR	cavalry
16	SA	194-th	66	RT	northeast of
17	TE		67	SV	144-th
18	UN	4th Division	68	TW	gain
19	VI	741-st	69	UD	22-nd
20	WO	Brigade Adjutant (B-1)	70	VE	bi
21	XU	320-th	71	WJ	Operations and Training Officer
22	YX	interpreter	72	XG	406-th
23	ZY	this is a practice message	73	YF	Division
			74	ZA	immediately
3624	UKAS	was not	3675	VEAW	post
25	BY	an	76	BI	why can not
26	ET	occupation	77	CO	age
27	IV	relief completed	78	DU	448-th
28	OW	Company H	79	EX	1st Platoon
29	TA	howitzer officer	80	FY	
30	UK	strengthen	81	GK	patrol
31	VE	cannot	82	HL	carry
32	WI	ti	83	IZ	man
33	XO	mop	84	JM	shell
34	YZ	ur	85	KN	has
35	ZU	do not	86	LP	recall
3636	UZAT	other	87	MQ	on
37	BU	35-th	88	NR	Ambulance Company No. 2
38	CY	am	89	OB	reinforce
39	DK		90	PS	Saturday
40	EV	es	91	RV	go
41	IN	SCR No.	92	SG	
42	OX	build	93	TH	roll
43	QG		94	UC	witfin
44	UZ	289-th	95	VJ	Division Field Code No.
45	VA	plane	96	WF	lamp
46	WE	command post established	97	XA	unable to send
47	XI	what are	98	YD	too early
48	YB	mine	99	ZE	prompt
49	ZO	Artillery Liaison Officer			

3700	VIAV	engineers	3750	VUAS	mud
01	BO	Staff Code	51	BY	60-th
02	CU	III Corps	52	CK	attempt
03	DY	186-th	53	DL	why
04	EM	answer by	54	ET	824-th
06	FK	Corps	56	FM	intercept
08	GL	tonight	56	GN	998-th
07	HM	210-th	57	HP	perfect
08	IX	no	58	IV	465-th
09	JN	141-st	59	JQ	Assistant Chief of Staff, G-2
10	KP	recognize	60	KR	observation officer
11	LQ	battle-s	61	LC	672-nd
12	MR	unnecessary	62	MD	86-th
13	NS	inform	63	NF	k
14	OZ	628-th	64	OW	4:30 P.M.
15	PT	come	65	PG	moment
16	RG	0000	66	RJ	revetting
17	SH	112-th	67	SB	angle
18	TJ	artillery fire	68	TA	402-nd
19	UE	786-th	69	UX	deviation
20	YD	Sanitary Company	70	VE	
21	VA		71	WI	260-th
22	XE	has stopped	72	XO	aircraft
23	YC	taken	73	YZ	922-nd
24	ZI	supply	74	ZU	far
		Training Officer (R-3)			
3725	VOAT	Regimental Plans and/	3775	VIAR	dd
26	BU	bombing	76	BK	640-th
27	CY	rations	77	CL	apparatus
28	DK	emergency	78	DM	706-th
29	EV	575-th	79	ES	7:15 A.M.
30	FL	wait	80	FN	have been
31	GM	6-ton	81	GP	our heavy artillery
32	HN	absolutely impossible	82	HQ	864-th
33	IV	Hospital Company No. 3	83	IT	
34	JP	327-th	84	JZ	cipher
35	KQ	618-th	85	KC	for
36	LR	ic	86	LD	946-th
37	MS	987-th	87	MF	e
38	ND	dash	88	NG	pack
39	OX	652-nd	89	OV	machine gun emplacement
40	PF	hostile artillery	90	PH	564-th
41	RH	report	91	RE	where can
42	SJ	314-th	92	SA	acknowledgement requested
43	TC	automatic rifle	93	TE	
44	UZ	694-th	94	UN	261-st
45	VA	small	95	VI	unable to
46	WE	in clear	96	WO	685-th
47	XI		97	XU	mil-s
48	YB	r	98	YX	544-th
49	ZO	665-th	99	ZY	Communications Section

3800	WAAZ	assist	3850	WIAW	distinguish
01	BA	out of	51	BI	511-th
02	CE	how much	52	CO	hostile force estimated as
03	DI	3rd Division	53	DU	497-th
04	EB	551-st	54	EX	adjustment
05	FO	belt-s	55	FY	ul
06	GU		56	GK	153-rd
07	HY	ing	57	HL	how soon
08	IC	repair	58	IZ	456-th
09	JK	1:30 P.M.	59	JM	coming
10	KL	church	60	KN	working
11	LM	supported	61	LP	interrogation point (?)
12	MN	mile-s	62	MQ	806-th
13	NP	124-th	63	NR	ar
14	OD	airship	64	OE	September
15	PQ	ordnance	65	FS	251-st
16	RS	355-th	66	RV	hand grenade
17	ST	depth	67	SG	satisfactory
18	TV	114-th	68	TH	men gassed
19	UF	Very pistol	69	UC	567-th
20	VW	bridge	70	VJ	blue
21	WX	Motor Repair Section No. 2	71	WF	.75
22	XJ	to	72	XA	needed
23	YG	we are losing heavily	73	ZE	80-th
24	ZR	material	74	ZY	direction of
3825	WEAX	attack successful	3875	WOAV	Army Headquarters
26	BE		76	BO	reinforcements
27	CI	897-th	77	CU	5-th
28	DO	do you	78	DY	capture
29	EZ		79	EW	traverse
30	FU	cut off	80	FK	in
31	GY	rocket	81	GL	of
32	HK	773-rd	82	HM	867-th
33	IB	5th Division	83	IX	daily supplies
34	JL	427-th	84	JN	ac
35	KM	north	85	KP	2/5
36	LN	automatic rifle ammunition	86	LQ	have established
37	MP	will you	87	MR	377-th
38	NQ	south	88	NS	part of
39	OC	make	89	OZ	between
40	PR	your battalion	90	PT	s
41	RT	should	91	RG	must be
42	SV		92	SH	when
43	TW	Brigade Intelligence Officer/	93	TJ	742-nd
44	UD	ly	94	UB	Brigade Supply Officer (B-4)
45	VH	Company M	95	VD	
46	WJ	notify	96	WA	59-th
47	XG	w	97	XE	avoid
48	YF	how are	98	YC	ta
49	ZA	null	99	ZI	refer

No. 4

3900	WUAT	hurry	3950	XAAB	Motor Transport Company/
01	BU	attack	51	BJ	instructions
02	CY	reconnoiter	52	CA	Friday
03	DK	300-th	53	DE	position lights
04	EV	desert	54	EC	which
05	FL	whether	55	FI	having
06	GM	104-th	56	GO	776-th
07	HN	h	57	HU	night
08	IW	.5	58	ID	
09	JF	Assistant Chief of Staff, G-4	59	JY	airplane
10	KQ	that	60	KK	still
11	LR	725-rd	61	LL	7:30 P.M.
12	MS	impossible	62	MM	Postal Officer
13	ND	169-th	63	NN	decimal point
14	OK	endeavor	64	OP	635-th
15	PF	until	65	PP	P.M.
16	RH-		66	RR	285-th
17	SJ	first aid station	67	SS	fighting
18	TC	221-st	68	TT	431-st
19	UZ	these	69	UG	m
20	VA	base	70	VV	2nd Battalion
21	WE	null	71	WW	barrage
22	XI	grain	72	XX	was
23	YB	40-th	73	YH	362-nd
24	ZO	enemy tank	74	ZZ	interrogation point (?)
3925	WYAS	o (letter)	3975	XEAB	sent Officer (Br-2)
26	BY	all communications cut	76	BA	Battalion Intelligence/
27	CK	1st Squadron	77	CE	10-th.
28	DL		78	DI	mission
29	ET	retire	79	EB	915-th
30	FM	134-th	80	FO	our front
31	GN	emplacement	81	GU	Advanced Headquarters
32	HP	329-th	82	HY	j
33	IV	in place	83	IC	back
34	JQ	st	84	JK	Telephone Code
35	KR	dig	85	KL	formation
36	LC	radio message	86	LM	location
37	MD	unable to decipher	87	MN	sight
38	NF	message not understood	88	NP	238-th
39	OW	were	89	OD	disturb
40	PG	advise	90	PQ	
41	RJ	wind favorable	91	RS	of
42	SB	gas defense	92	ST	removed
43	TA	offensive	93	TV	artillery observer
44	UX	temporary	94	UF	14-th
45	VE	Battery F	95	VW	grenade
46	WI	purpose	96	WX	804-th
47	XO		97	XJ	doing
48	YZ	shoot	98	YG	3/16
49	ZU	G.P.F.	99	ZR	own

4000	XIAX	already	4050	XOAV	null
01	BE	will not	51	BO	brigade
02	CI	flexible gun	52	CU	819-th
03	DO	523-rd	53	DY	
04	EZ	conclude	54	EW	gas alarm
06	FU	support	55	FK	on time
06	GY	group	56	GL	961-st
07	HK	167-th	57	HM	driven back
08	IB	leave	58	IX	9000-th
09	JL	885-th	59	JN	positive
10	KM	Mobile Surgical Hospital	60	KP	6:00 P.M.
11	LN	33-rd	61	LQ	ing
12	MP	acknowledgement requested	62	MR	rate
13	NQ	1:45 P.M.	63	NS	780-th
14	OC	interrupt	64	OZ	Medical Laboratory Section
15	PR		65	PT	836-th
16	RT	352-nd	66	RG	o
17	SV	entire	67	SH	replacement
18	TW	Regimental Plans and Training/	68	TJ	met
19	UD	west	69	UB	f
20	VE	quiet day	70	VD	an
21	WJ	further	71	WA	several
22	XG	we cannot	72	XE	270-th
23	YF	coordinate-s	73	YC	prisoners
24	ZA	3rd Division	74	ZI	plain
4025	XOAW	get in touch	4075	XYAT	master
26	BI	recent	76	BU	3-rd
27	CO		77	CY	ferry
28	DU	direct	78	DK	473-rd
29	EK	raise	79	EV	in
30	FY	V.B. rocket	80	FL	passed
31	GK	Headquarters and Service Company	81	GM	evacuate
32	HL	observer	82	HN	871-st
33	IZ	10,000-th	83	IW	light artillery
34	JM	little	84	JP	
35	KN	Troop D	85	KQ	active
36	LP	move	86	LR	89-th
37	MC	aeronaut	87	MS	some
38	NR	section	88	ND	hours
39	OB	Heavy Tank Battalion	89	OX	379-th
40	PS	know	90	PF	boat
41	RV	Tank Battalion	91	RH	Battalion Adjutant (Bu-1)
42	SG	without delay	92	SJ	6th Division
43	TH	Cavalry Brigade	93	TC	your company
44	UC	our rear	94	UZ	Ma.jor
45	VJ	volt	95	VA	714-th
46	WF	le	96	WE	favorably
47	XA	road	97	XI	er
48	YD	near	98	YB	tr
49	ZE	clip	99	ZO	his

4100	YBAT	belong	4150	YGAZ	4th Company
01	BU	to the	51	BA	outpost
02	CY	and	52	CE	will signal by
03	EV	201-st	53	DI	ascertain
04	IW	substitute	54	EB	73-rd
05	OX		55	FO	's
06	UZ	daily report	56	GU	12:00 noon
07	VA	802-nd	57	HY	degree-s
08	WE	motor truck	58	IC	.0
09	XI	64-th	59	OD	
10	YE	109-th	60	UF	in touch with
11	ZO	root	61	YG	rear
4112	YCAV	surround	4162	YHAB	battalion
13	BO	has had	63	CA	soft
14	CU	using	64	DE	null
15	DY	may have	65	EC	evening report
16	EW	248-th	66	FI	4.7-inch
17	IX	earth	67	GO	o (letter)
18	OZ	raid	68	HU	3-rd
19	UB	null	69	ID	
20	WA	send	70	JY	chaplain
21	XE	214-th	71	OF	question mark (?)
22	YC	it	72	UG	ward
23	ZI	slight	73	YH	extreme
4124	YDAW	pr	4174	YJAC	send reinforcements
25	EI	forcing	75	DA	930-th
26	GO	Battery B	76	ED	how is everything
27	DU	y	77	FE	relieve
28	EX	mist	78	GI	all your messages received
29	FY	580-th	79	HO	
30	IZ	although	80	IF	period
31	OB	old Division Field Code will be/	81	JU	832-nd
32	UC	132-nd	82	KY	coordinate-s
33	XA	man	83	OG	front
34	YD	when is	84	UH	weather conditions
35	ZE	damp	85	YJ	so that
4136	YFAX	our airplane	4186	YKAD	Chief of Staff
37	BE	yet	87	BI	
38	CI	634-th	88	EF	572nd
39	DO	area	89	FA	Third Army
40	EZ	30-th	90	GE	509-th
41	FU	message received	91	HI	badly wounded
42	GY	729-th	92	IG	of
43	HK		93	JO	487-th
44	IB	brigade	94	KU	Division Train
45	OC	984-th	95	LY	147-th
46	QS		96	OH	6000-th
47	UD	430-th	97	QN	
48	YF	367-th	98	UJ	little opposition
49	ZA	night	99	YK	446-th

4200	YLAF	1st Division	4250	YQAK	parachute
01	EG	state	51	EL	996-th
02	GA	extent	52	IM	Brigade Adjutant (B-1)
03	HE	practicable	53	LA	735-th
04	IH	am	54	ME	
05	JI		55	NI	it has
06	KO	207-th	56	ON	966-th
07	LU	many	57	PO	incendiary
08	MY	4:00 A.M.	58	QU	764-th
09	OJ	be	59	RY	north of
10	UK	Sunday	60	UP	259-th
11	YL	our infantry	61	YQ	Emergency Code
4212	YMAC	has not been	4262	YRAL	th
13	EH	troops	63	EM	nd
14	HA	621-st	64	IN	period
15	IJ	bivouac	65	MA	956-th
16	JE	receive	66	NE	always
17	KI	General	67	OP	fall
18	LO	280-th	68	PI	operating
19	MU	morning report	69	QO	
20	NY	412-th	70	RU	98-th
21	OK	them	71	SY	have
22	UL	Ammunition Train	72	UQ	y
23	YM	proportion	73	YR	right
4224	YNAH	via	4274	YSAM	blue rocket
25	EJ	1st Battalion	75	EN	Howitzer Company
26	IK	sent forward	76	IP	Commanding General
27	JA	in cipher	77	NA	should
28	KE	tractor	78	OQ	how will
29	LI	digging	79	PE	you will
30	MO	Wagon Company No. 2	80	QI	f
31	NU	men missing	81	RO	2/3
32	OL	.6	82	SU	I cannot
33	PY	look out	83	TY	5-ton
34	UM	prisoner	84	UR	before
35	YN	safety	85	YS	counter
4236	YPAJ	animal-s	4286	YTAN	relief
37	BS		87	BB	
38	EK	581-st	88	EP	all concerned
39	IL	Colonel	89	IQ	lively
40	JB		90	JV	
41	KA	proceed	91	OR	send by
42	LE	longer	92	PA	his
43	MI	442-nd	93	QE	where are
44	NO	October	94	RI	reinforced
45	OM	best	95	SO	53-rd Officer (Bn-3)
46	PU	will not	96	TU	Battalion Plans and Training/
47	QY	373-rd	97	US	170-th
48	UN	for the	98	VY	figure
49	YP	night	99	YT	locomotive

4300	YVAP	moderate	4350	ZAAC	how
01	BQ	Corps Artillery	51	BZ	200 -th
02	IR	this morning	52	CB	much movement
03	OS	645-th	53	DA	your squadron
04	QA	station	54	ED	ascending
05	RE	we are	55	FE	
06	SI	will	56	GI	119-th
07	TO	finish	57	HO	"
08	UT	227-th	58	IF	
09	VU	t	59	JU	further
10	WY	165-th	60	KY	828-th
11	YV	has arrived	61	LK	our center
			62	ML	961-st
4312	YWAQ	same	63	NM	iron
13	ER	useless	64	OG	time
14	IS	water cart	65	PH	cannot send
15	OT	Battery E	66	RQ	602-nd
16	RA	sudden	67	SR	Medical Supply Section
17	SE	676-th	68	TS	466-th
18	TI	in reserve	69	UH	ion
19	UV	understand	70	VT	reached
20	VO	gas cloud	71	WV	360-th
21	WU	today	72	XW	down
22	XY	968-th	73	YJ	service buzzer
23	YW	submit	74	ZX	no
4324	YXAR	ars	4375	ZEAB	P
25	ES	observation impossible	76	BJ	complete
26	IT	rifle	77	CA	279-th
27	OV	5:00 A.M.	78	DE	
28	SA	Company B	79	EC	front of
29	TE	787-th	80	FI	707-th
30	UW	bridgehead	81	GO	1/5
31	VI	232-nd	82	HU	be
32	WO	would be	83	ID	Troop B
33	XU	fire control	84	JY	i
34	YX		85	KE	where
35	ZY	middle	86	LL	fire
			87	MM	43-rd
4336	YZAS	favorable	88	NN	open
37	BY	report	89	OF	
38	CK		90	PP	auxiliary
39	ET	873-rd	91	RR	g
40	IY	camp	92	SS	389-th
41	OW	flank	93	TT	76-th
42	QH		94	UG	outlying
43	TA	415-th	95	VV	840-th
44	UX	Pioneer and Demolition Section	96	WW	point
45	VE	693-rd	97	XX	bringing
46	WI	back area	98	YH	917-th
47	XO	531-st	99	ZZ	friend-ly
48	YZ				
49	ZU	system			

4400 ZIAZ correct
 01 BA Courier Section
 02 CE are
 03 DI still
 04 EB 150-th
 05 FO h
 06 GU return
 07 HY water trailer
 08 IC cable
 09 JK
 10 KL now
 11 LM 102-nd
 12 MN delay
 13 NP situation
 14 OD 4-th
 15 PQ new
 16 RS total
 17 ST Ration Section, Field Train
 18 TV 830-th
 19 UF not certain
 20 VW 435-th
 21 WX bomb
 22 XJ
 23 YG ied
 24 ZR west of

4425 ZOAX s
 26 BE ammunition
 27 CI tell
 28 DO decimal point
 29 EZ without
 30 FU
 31 GY made
 32 HK owing to
 33 IB 763-rd
 34 JL construct
 35 KM 963-th
 36 LN n
 37 MP Remount Officer
 38 NQ enemy being reinforced
 39 OC 491-st
 40 ER steady
 41 RT that
 42 SV commissioned officer
 43 TW 426-th
 44 UD understood
 45 VH artillery
 46 WJ
 47 XG 348-th
 48 YF covered up
 49 ZA there is

4450 ZUAW ish
 51 BI region
 52 CO 1-st
 53 DU
 54 EX courier airplane
 55 FY somewhat
 56 GK minute
 57 HL 562-nd
 58 IZ at point
 59 JM 226-th
 60 KN
 61 LP ing
 62 MQ Transport Company
 63 NR 960-th
 64 OB during
 65 PS flank
 66 RV shell
 67 SG 273-rd
 68 TH our men
 69 UC 565-th
 70 VJ cartridge
 71 WF who
 72 XA 37-th
 73 YD have been
 74 ZE sniping

4475 ZYAV visual
 76 BO meaning
 77 CU 909-th
 78 DY off
 79 EW 631-st
 80 FK enemy
 81 GL all objectives reached
 82 HM 10:30 A.M.
 83 LX please
 84 JN 306-th
 85 KP 875-th
 86 LQ have you received
 87 MR 547-th
 88 NS 11 Corps
 89 OZ 10:00 P.M.
 90 PT concentrate
 91 RG 748-th
 92 SH 2:15 P.M.
 93 TJ pigeon
 94 UB
 95 VD 399-th
 96 WA 13-th
 97 XE Company C
 98 YC push
 99 ZI away

MOST COMMON ERRORS IN TELEGRAPHIC TRANSMISSION

Continental Morse alphabet (used in radio, cables, and outside United States).			American Morse alphabet (used in the United States, except for radio).		
Letters and figures	Alphabet	Frequent errors	Letters and figures	Alphabet	Frequent errors
A	.-	i, m, t, et	A	.-	i, t, et
B	d, ts	B	....	d, h, ts
C	.-.-.	f, k, j, r, nn	C	...	s, z, ie
D	---..	b, s, l, ti	D	---..	b, ti
E	.	t, a, i	E	.	t
F	..-..	q, r, in	F	..-.	r, q, en
G	---.	m, n, o, g, me	G	---.	n, o, me
H	s, v, b, se	H	....	s, p, z, y, es
I	..	a, n, s	I	..	a, o, e
J	..-.-	w, o, eo, am	J	..-.-	c, k, ke
K	.-.-	a, n, d, o, ta	K	.-.-	j, n, ta
L	..-..	x, r, d, ed	L	---	t, n
M	---	a, n, i, tt	M	---	n, a, tt
N	-. .	i, m, t, te	N	-. .	o, t, te
O	--- --	g, k, m, w, mt	O	..	n, i, ee
P	..-.-.	j, w, g, l, r, an	P	.....	h, s
Q	---.-	g, k, o, x, z, ma	Q	..-.-	f, g, u, in
R	..-.	a, n, f, g, s, l, w	R	... .	s, i, ei
S	h, d, i, r, u, v, w	S	... .	h, r, i
T	---	a, e, n	T	---	l, e, n
U	..-	a, s, v, it	U	..-	v, a, w, it
V	...-	h, u, x, st	V	...-	u, st
W	..-.-	a, m, o, r, u, at	W	..-.-	f, a, u, m, at
X	.-.-.	d, v, u, k, y, tu	X	..-..	l, y, f, ai
Y	---.-	x, w, k, c, nm	Y	... .	h, ii
Z	---..	b, d, g, q, mi	Z	... .	h, o, se
1	..-.-.-	0, 2	1	..-.-.	p
2	..-.-.-	1, 3	2	..-.-..	3
3	...-.-	2, 4	3	...-.-	4
4	....-.-	3, 5	4	....-.-	3
5	4, 6	5	--- --	
6	---....	5, 7	6	.....	p
7	---....	6, 8	7	---..	
8	---....	7, 9	8	---....	
9	---....	8, 10	9	---..	x
0	---....	9	0	---	L

Errors frequent in both systems:

- . is omitted
- .. is omitted
- . is transmitted as -
- is transmitted as .

REF ID: A57068

INITIAL PAIRS

FINAL PAIRS

BI CO DU EC FY . . . ID OF UG XA YH ZE . . .	AB BJ CA DE EC FY GO HU ID JY KX LL MM NN OP PP QQ RR SS TT UG VV WW XX YH ZZ
BE CI DO ED FU GY . . IF OG UH YJ ZA . . .	AG BZ CB DA ED FE GI HO IF JU KY LK ML NN OG PP QR RQ SR TS UR VT WV XW YJ ZX
BA CE DI EF FO GU HY IG OH UJ YK . . .	AD BX CZ EB EF FA GE HI IG JO KU LY MC NL OH PM QN RP SQ TR UJ VS WT XV YK ZW
. . CA DE EG FI GO HU IH JY OJ UK YL . . .	AF BW CX DZ EH FB GA HH IH JI KO LU MY NC OJ PD QM RN SP TQ UK VR WS XT YL ZV
. . . . DA EH FE GI HO IJ KU KY OK UL YM . . .	AG BV CW DX EH FE GB HA IJ JE KI LO MU NY OK PO QD RF SH TP UL VQ WR XS YM ZT
. EJ FA GE HI IK JO KU LY OL UM YN . . .	AH BT CV DW EX FY GZ HB IC JA KB LC MO NU OL PF QG RD SE TF UM VP WQ XR YN ZS
. EK . . GA HE IL JI KO LU MY . . OM UN YP . . .	AJ BS CT DV EK FW GX HZ IL JB KA LB MI NO OM PU QY RC SD TE UN VG WH XQ YP ZB
AK EL HA IM JE KI LO MU NY ON UP YQ . . .	AK BR CS DT EL FY GW HX IM JZ KB LA ME NI ON PO QU RY SC TD UF VP WG XH YQ ZJ
AL EM IN JA KE LI MO NU OF PY UQ YR . . .	AL BH CJ DS EM FT GV HW IX JX KZ LB MA NE OF PI QO RU SY TK UQ VC WD XF YR ZG
AM EN IP . . KA LE MI NO OQ PU QY UR YS . . .	AM BC CD DE EN FG GT HV IP JW KX LZ MB NA OQ PR QI RO SU TY UR VK WL . . YS ZH
AN EP IQ . . . LA ME NI OR PO QU RY US YT . . .	AN BB CC DD EP FF GG HH IQ JV KW LX MZ NB OR PA QE RI SO TU US VY WK XL YT ZM
AP EQ IR MA NE OS PI QO RU SY . . UT YV . . .	AP BM CN DO EQ FD GF HG IR JH KJ LW MX NZ OS PB QA RE SI TO UT VU WY XK YV ZL
AQ ER IS NA OT PE QI RO SU TY UV YW . . .	AQ BL CM DN ER FP GD HF IS JG KH LJ MK NX OT PZ QB RA SE TI UV VO WU XY YW ZC
AR ES IT OV PA QE RI SO TU UW VY YX . . .	AR BK CL DM ES FN GP HQ IT JZ KC LD MF NG OV PH QJ RB SA TE UW VI WO XU YX ZY
AS ET IV OW . . QA RE SI TO UX VU WY YZ . . .	AS BY CX DL ET FM GN HP IV JQ KR LC MD NF OW PG QH RJ SB TA UA VE WI XO YZ ZU
AT EV IW OX . . RA SE TI UZ VO WU XY YB	AT BU CY DK EV FL GM HN IW JP KQ LR MS ND OX PF QG RH SJ TC UZ VA WE XI YB ZO
AV EW IX OZ SA TE UB VI WO XU YC ZY	AV BO CU DV EW FX GL HM IX JN KP LQ MR NS OZ PT QF RG SH TJ UB VD WA XE YC ZI
AW BY EX IZ OB TA UC VE WI XO YD ZU	AW BI CG DU EX FY GK HL IZ JM KN LP NQ OR OS PS QT RV SG TH UG VJ WF XA YD ZE
AX BU CY . . EZ IB OC UD VA WE XI YF ZO	AX BE CI DO EZ FU GY HK IB JL KM LN MP NQ OC PD QS RT SV TW UD VH WJ XE YF ZA
AZ BO CU DV EB IC OD UF . . WA XE YG ZI	AZ BA CE DI EB FO GU HY IC JK KL LM MN NP OD PE QR RS ST TV UF VW WX XJ YG ZR

RECTANGLE 1

RECTANGLE 2

PERMUTATION TABLE

for

THE DIVISION FIELD CODE