

ZCZC

A KSM SPECIAL CIPHERTEXT BROADCAST EXERCISE FOR THE M-209 CONVERTOR FOLLOWS AT 45B BAUDOT ON 8433 AND 12631KHZ.

DE KSM

AN ADDITIONAL TRANSMISSION WILL FOLLOW AT 1500PDI/2200Z  
ZCZC

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DE KSM

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A SPECIAL TRANSMISSION IN COOPERATION WITH THE MRCG FOLLOWS DE KSM

A SPECIAL TRANSMISSION IN COOPERATION WITH THE MRCG FOLLOWS DE KSM

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EXERCISE FOR THE M-209 CONVERTER

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PLAINTEXT  
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THE MILITARY RADIO COLLECTORS GROUP WILL MEET AT CAMP SAN LUIS OBISPO CALIFORNIA ON FRIDAY AND SATURDAY MAY TWO AND THREE STOP

THERE WILL BE MILITARY RADIO EXHIBITS AND TECHNICAL DEMONSTRATIONS AND PRESENTATIONS COMMA AND A FLEA MARKET SATURDAYIIDZBNG STOP

SINCE NINETEEN NINETY SIX MRCG HAS BEEN MEETING ON THE FIRST WEEKEND OF MAY IN SAN LUIS OBISPO STOP

MRCG IS ONE OF THE BEST SWAPMEETS FOR MILITARY RADIO EQUIPMENT STOP

WE HAVE NO DUES AND NO FORMAL ORGANIZATION COMMA JUST A COMMON INTEREST IN MILITARY COMMUNICATIONS GEAR STOP

MEMBERS OF THE GROUP GIVE PRESENTATIONS AND DEMONSTRATIONS OF MILITARY RADIO EQUIPMENT IN THE FORMAL PORTION OF THE MEETING STOP

INFO AT HTTP COLON SLASH SLASH SYZEN DOT COM SLASH MILRADIO STOP ENDIT  
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THE CIPHERTEXT BELOW CAN BE DECODED WITH THE M-209 CONVERTER, A COMPACT MECHANICAL CIPHER MACHINE USED BY U.S. FORCES IN WWII.

YOU CAN DOWNLOAD DIRK RIJMENANTS EXCELLENT M-209 EMULATOR AT:  
HTTP://USERS.TELENET.BE/D.RIJMENANTS/EM/M209SIM.HTM  
(YOU WILL HAVE TO ENTER THE URL AS LOWER-CASE)

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THE M-209 PIN AND LUG SETTINGS USED FOR THIS EXERCISE ARE THOSE SHOWN IN PARAGRAPH 18 (PAGE 25) OF THE MAY 1947 M-209 MANUAL.

MILITARY RADIO EQUIPMENT IN THE FORMAL PORTION OF THE MEETING STOP  
INFO AT HTTP COLON SLASH SLASH SYZEN DOT COM SLASH MILRADIO STOP ENDIT  
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THE M-209 PIN AND LUG SETTINGS USED FOR THIS EXERCISE ARE THOSE  
SHOWN IN PARAGRAPH 18 (PAGE 25) OF THE MAY 1947 M-209 MANUAL.

ROTOR PIN SETTINGS ARE:

NO.1	NO.2	NO.3	NO.4	NO.5	NO.6
A	A	A	-	-	A
B	-	B	-	B	B
-	-	-	C	-	-
D	D	-	-	D	D
-	E	-	E	E	-
-	-	-	F	F	-
-	G	G	-	-	-
H	-	H	H	H	H
I	-	-	I	I	-
-	J	J	-	-	-
K	K	-	-	-	K
-	L	L	-	-	-
M	-	M	M	M	-
N	-	N	N	N	N
-	O	-	-	P	O
-	-	-	P	P	-
-	-	-	-	-	Q
-	R	R	-	-	-
S	S	S	S	S	-
T	-	T	T	-	-
-	U	U	U	-	-
V	-	-	-	-	-
W	X	X	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

A ?-? INDICATES THAT THE PIN SHOULD BE MOVED TO THE INEFFECTIVE  
POSITION (TO THE LEFT).

CAGE LUG SETTINGS ARE:

- |        |         |         |
|--------|---------|---------|
| 1. 0-4 | 10. 0-5 | 19. 1-0 |
| 2. 3-0 | 11. 5-6 | 20. 1-0 |
| 3. 3-0 | 12. 0-6 | 21. 1-0 |
| 4. 3-5 | 13. 0-6 | 22. 1-0 |
| 5. 3-5 | 14. 0-6 | 23. 1-0 |
| 6. 2-5 | 15. 0-6 | 24. 1-0 |
| 7. 2-5 | 16. 0-6 | 25. 1-0 |
| 8. 0-5 | 17. 1-6 | 26. 1-0 |
| 9. 0-5 | 18. 1-0 | 27. 1-0 |

KEY FOR THE TWENTY-SIX-LETTER CHECK IS AAAAAA

INPUT FOR THE TWENTY-SIX-LETTER CHECK IS:  
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

OUTPUT FOR THE TWENTY-SIX-LETTER CHECK IS:  
NIHTZ DXAJJ KVSIT HKNKO NAGZR I

-----  
KEY FOR THE CIPHERTEXT IS MILRAD  
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H	-	H	H	H	H
I	-	J	I	I	-
K	J	-	-	-	-
L	K	-	-	-	K
M	L	-	-	-	-
N	-	M	M	M	-
O	-	N	N	N	N
-	-	-	P	P	O
-	-	-	-	-	-
-	-	-	P	-	Q
-	R	R	-	-	-
S	S	S	S	S	-
T	-	T	T	-	-
U	U	U	U	-	-
V	-	-	-	-	-
W	X	X	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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 NIHTZ DXAJJ KVSIT HKNKO NAGZR I

-----  
 KEY FOR THE CIPHERTEXT IS MILRAD

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 CIPHERTEXT, 734 CHARACTERS TOTAL

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 EGOJC DFQKS NCWQI FBJWB KPZFE UFIIE BZFVA AEKIF KZGGV QRAJG  
 HNGJI GZHOZ SAODT CPRCA RIMQZ ZIHLK WSVJI ICRQA VKCWB VYQWH  
 CASXJ HZOQR HVCJC WFWQC JVZXC GRQUO HCRPB WKBFO OFKAC OKAWK  
 FLXFC PVQKC JBUAP TQXUK EKDNI MKJLB GGGXH HRNAJ WKXMA SDITC  
 NYQHO PRPCW BODVB JHSPB QPOGK PQAYI KLDGT RXHUT DXNAI GDMXI  
 OPVNZ CZDXS KBULT VDPOR GDWBV CGFVO TMMIU UXDSG HIAUM MAVJA  
 JPRFJ LKJIU DWOIF TRWPX MMUOK FICHL OBXQH VJAUW WAHII XUQUA  
 BCASV GCRLV EFRMF IATMB ENJBJ PVNJS KYBEU GRFFC XQSUP POGYH  
 OUDMB PINRZ WUZSC IZYXX LJGYP BOPTG QPJVF QVOOJ IUWXP OBWWU  
 TUWAD EZQEX MSUXP BXGVG IXYJM DVIMB RNIXV YEBWI BQXER SEHGQ  
 YJVID BUWCJ LHEWG LWNDS KVINR EOUYW PZFSQ SEFRF YHDUI BYIVH  
 AUGZK YWJFX KSYPI CLAKK XHLNW MMFUV ZNAMV XSGJK EWFWP EQCSW  
 QONPW UWMBS GAJTM RGDGN RLRKU IOAIL DDAUD MISSQ IXIQA IJVBQ  
 BVKJK CERJA RHGOA QLLSI ZODMU BUOGT ZAODC ZRMVO TNKMR RWZJU  
 RRGJZ GRXWY XVRKZ BZXZA JFWVS UUVTG BNFO  
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END OF SPECIAL TRANSMISSION DE KSM  
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ZCZC  
 THIS TRANSMISSION WILL BE REPEATED AT 1500PDT/2200Z  
 DE KSM