

ANSWERS FOR MorseMatic TRAINER MODE, COMMON CHARACTERS

STARTING POSITION 0

DD5A	A6K87	.H9F1	IM15W	54OWH	0-HSX	PY?11	,8VON	-EBYH	D5/A9	V7QHx
T6JN?	-QMIB	PHNXF	7P29U	4W5Y?	9,5Y,	3LW/T	40TD-	BWUQQ	K=-V2	C=40Z
9-3?1	44MF/	PEL,N	6APSJ	01BBH	1VL?B	WTPE?	R-7?Y	E=5=S	Y2CK0	.9GWL
.DY=P	3FT?Y	Y0LD=	I-91/	62N1H	MJVF?	VEX=S	A8V,Q	9N6M9	ZHQVK	AG-6?
R9HLE	.C=7M	-8FPC	A9DHZ	ASNC2	6B4F/	GT1IJ	T68RZ	MEO5U	6WFWC	5202F
.J5/G	/J.8A	FNLFI	K0288	XLYIX	DHS-9	7AIL1	FBMR-	LG2.Q	H0KGV	/XIWL
7YY?V	I6FG1	VA7=Z	MIKVT	96CGJ	/U/UY	NL408	JGV5C	I8-JN	SKZZT	/3L9=
UQ3/6	AB1M-	7HOP3	CBUZF	QCKS6	03IHS	=RYJ,	BPWOQ	9D6=G	XHLK4	7R7D2
O/Q/B	.1LNK	1?AI=	Y3XF6	5.,T5	TUKXC	DT204	FM665	DQM=I	SFT43	M42RJ
/RBAC	WU/WO	C.ANC	B49OK	HMXQJ	8ZA.O	TPPB/	L2?SV	S=Z=C	U9VVN	LR,J1
PV7E?	-=QRJ	-0V90	M0NW,	Y80QI	2Q00.	LJZY7	X,/7-	42FF9	Y,QAC	HLRQ,
J,CND	D18D?	1XN14	GJIH4	4=KIL	8SJ-W	M9ZT.	8.,FX	T6S67	RPC30	/7PIK
4H7Z5	MV-RB	3LY.C	,6,7D	2EPP?	-XPFH	S7-RC	UJJEP	WV2/1	50/W/	YZ?RV
FK984	YKM-,	AVLGJ	SCESU	QJBYI	5?BBA	INL6?	JVXVY	JUY?7	IE/1U	4NR3?
A31HN	CA66F	NB/D7	P=SR6	KH/6M	X/85U	RMUQM	29/W,	AEEDZ	2XU-U	2U3WA
L8DLP	-PITR	X,IYI	BOMS/	YB72Z	B-FN3	5CERX	/5/24	HLZPO	POR1K	D57Q0
SFNHJ	VEJS8	T=BU-	0.NQ8	8L7?W	09YYE	?=Z?S	A6BGV	TNLBI	EOWS4	W1Y1T
JHXU/	L8J17	RN-K3	BC/NN	WZ33M	ZXMPO	-?RD?	F11=L	36KFP	VNIK.	F26,J
YI714	1V0,7	61I2C	BE/95	XGR16	RBNCK	DLB-3	S6-BL	CBUDP	JAM3I	RW,16
EAGZ,	VFXU9	P2QEX	--E2M	0QQF,	LN6CC	2,8XZ	29M-O	05T40	S04AD	KOMGR
GRD.N	52X0U	-PK0D	,.P36	TD50U	06WVB	,,NAT	F04G9	.N12V	BU4K7	Z=1A5
G5.O0	CC=A-	TYUD3	EW5N5	.3Z0Q	TF,KU	TBUB1	V,UTX	?G8PS	OGTDK	YHR22
EMO-A	62G-,	M8N53	HV-C7	-,01L	MFR2D	H.RHX	S0XKQ	CJSZP	KMV.5	=,PYL
AJTJ,	C60LN	UY0P3	X?MFG	B/PWW	,OWQ,	=XCV3	3H9C.	88P5H	K5SVQ	1G98-
LH,2M	XRKPW	T7BLL	4=H1B	Z9SJV	6N90N	2EVRX	VUBXE	25/24	HLZPO	POR1K

STARTING POSITION 1

MEEU	O,0BT	VC3TO	,NSL0	PFJGV	R6ICX	E7S50	40S0M	13EBV	R=ONV	GGAMA
0RSKF	LG/27	/T2?J	Z5I47	? .OHQ	WA5TI	4FE1J	,N3ML	35CER	X/5/2	4HLZP
OPOR1	KD57Q	0SFNH	JVEJS	BT=BU	-0,NQ	88L7?	W09YY	E?=Z?	SA6BG	VTNLB
IEOWS	4W1Y1	TJHXU	/L8J1	7RN-K	38C/N	NWZ33	MZXMP	O-?RD	?F11=	L36KF
PVNIK	.F26,	JYI71	41V0,	761IZ	CBE/9	5XGR1	6RBNC	KDLB-	3S6-B	LCBUD
PJAM3	IRW,1	6EAGZ	,VFXU	9P2QE	X--E2	M0QQF	,LN6C	C2,8X	Z29M-	OD5T4
OS04A	DKOMG	RGRD.	N52X0	U-PK0	D,.P3	6TD50	W06WV	B,,NA	TF04G	9.N12
VBU4K	7Z=1A	5G5.O	OCC=A	-TYUD	3EW5N	5.3Z0	QTF,K	UT8UB	1V,UT	X?GBP
S0GTD	KYHR2	2EMO-	A62G-	,M8N5	3HV-C	7-,D1	LMFR2	DH.RH	XS0XK	QCJSZ
PKMV.	5=,PY	LAJTJ	,C60L	NUYOP	3X?MF	GB/PW	W,OWQ	,=XCV	33H9C	.B8P5
HK5SV	Q1G98	-LH,2	MXRKP	WT7BL	LL=H1	BZ9SJ	W6N90	N2EVR	XVUBX	E25/2
4HLZP	OPOR1	KD57Q	0SFNH	JVEJS	BT=BU	-0.NQ	B8L7?	W09YY	E?=Z?	SA6BG
VTNLB	IEOWS	4W1Y1	TJHXU	/L8J1	7RN-K	38C/N	NWZ33	MZXMP	O-?RD	?F11=
L36KF	PVNIK	.F26,	JYI71	41V0,	761I2	CBE/9	5XGR1	6RBNC	KDLB-	3S6-B
LCBUD	PJAM3	IRW,1	6EAGZ	,VFXU	9P2QE	X--E2	M0QQF	,LN6C	C2,8X	Z29M-
005T4	OS04A	DKOMG	RGRD.	N52X0	U-PK0	D,.P3	6TD50	U06WV	B,,NA	TF04G
9.N12	VBU4K	7Z=1A	5G5.O	OCC=A	-TYUD	3EW5N	5.3Z0	QTF,K	UT8UB	1V,UT
X?G8P	S0GTD	KYHR2	2EMO-	A62G-	,M8N5	3HV-C	7-,01	LMFR2	DH.RH	XS0XK
QCJSZ	PKMV.	5=,PY	LAJTJ	,C60L	NUYOP	3X?MF	GB/PW	W,OWQ	,=XCV	33H9C
.88P5	HK5SV	Q1G98	-LH,2	MXRKP	WT7BL	LL=H1	BZ9SJ	W6N90	N2EVR	XVUBX
E25/2	4HLZP	OPOR1	KD57Q	0SFNH	JVEJS	8T=BU	-0.NQ	88L7?	W09YY	E?=Z?
SA6BG	VTNLB	IEOWS	4W1Y1	TJHXU	/L8J1	7RN-K	38C/N	NWZ33	MZXMP	O-?RD
?F11=	L36KF	PVNIK	.F26,	JYI71	41V0,	761I2	CBE/9	5XGR1	6RBNC	KDLB-
3S6-B	LCBUD	PJAM3	IRW,1	6EAGZ	,VFXU	9P2QE	X--E2	M0QQF	,LN6C	C2,8X
Z29M-	005T4	OS04A	DKOMG	RGRD.	N52X0	U-PK0	D,.P3	6TD50	U06WV	B,,NA

STARTING POSITION 2

98,D	,?N79	2L4EQ	Y0Q63	6J000	EALO/	A2BSM	L2SXP	U/KGZ	K41?,	E,AAM
EZTKE	M11AM	EEU0,	DBTVC	3TO,N	SL0PF	JGVR6	ICXE7	S5040	SDM13	EBVR=
ONVGG	AMA0R	SKFLG	/27/T	2?JZ5	I47?.	OHQWA	5TI4F	E1J,N	3ML35	CERX/
5/24H	LZPOP	OR1KD	57Q0S	FNHJV	EJS8T	=BU-0	.NQ88	L7?W0	9YYE?	=Z?SA
6BGVT	NLBIE	OWS4W	1Y1TJ	HXU/L	8J17R	N-K38	C/NNW	Z33MZ	XMPO-	?RD?F
11=L3	6KFPV	NIK.F	26,JY	I7141	V0,76	1I2CB	E/95X	GR16R	BNCKD	LB-3S
6-BLC	BUDPJ	AM3IR	W,16E	AGZ,V	FXU9P	2QEX-	-E2M0	QQF,L	N6CC2	,8XZ2
9M-00	5T408	04ADK	OMGRG	RD.N5	2X0U-	PK0D,	.P36T	D50U0	6WVB,	,NATF
04G9.	N12VB	U4K7Z	=1A5G	5.00C	C=A-T	YUD3E	W5N5.	3Z0QT	F,KUT	8UB1V
,UTX?	G8PS0	GTDKY	HR22E	MO-A6	2G-,M	8N53H	V-C7-	,01LM	FR2DH	.RHXS
0XKQC	JSZPK	MV.5=	,PYLA	JTJ,C	60LNU	YOP3X	?MFGB	/PWW,	OWQ,=	XCV33
H9C.8	8P5HK	5SVQ1	G98-L	H,2MX	RKPWT	7BLLL	=H1BZ	9S JW6	N90N2	EVRXV
UBXE2	5/24H	LZPOP	OR1KD	57Q0S	FNHJV	EJS8T	=BU-0	.NQ88	L7?W0	9YYE?
=Z?SA	6BGVT	NLBIE	OWS4W	1Y1TJ	HXU/L	8J17R	N-K38	C/NNW	Z33MZ	XMPO-
?RD?F	11=L3	6KFPV	NIK.F	26,JY	I7141	V0,76	1I2CB	E/95X	GR16R	BNCKD
LB-3S	6-BLC	BUDPJ	AM3IR	W,16E	AGZ,V	FXU9P	2QEX-	-E2M0	QQF,L	N6CC2
,8XZ2	9M-00	5T40S	04ADK	OMGRG	RD.N5	2X0U-	PK0D,	.P36T	D50U0	6WVB,
,NATF	04G9.	N12VB	U4K7Z	=1A5G	5.00C	C=A-T	YUD3E	W5N5.	3Z0QT	F,KUT
8UB1V	,UTX?	G8PS0	GTDKY	HR22E	MO-A6	2G-,M	8N53H	V-C7-	,D1LM	FR2DH
.RHXS	0XKQC	JSZPK	MV.5=	,PYLA	JTJ,C	60LNU	YOP3X	?MFGB	/PWW,	OWQ,=
XCV33	H9C.8	8P5HK	5SVQ1	G98-L	H,2MX	RKPWT	7BLLL	=H1BZ	9S JW6	N90N2
EVRXV	UBXE2	5/24H	LZPDP	OR1KD	57Q0S	FNHJV	EJS8T	=BU-0	.NQB8	L7?W0
9YYE?	=Z?SA	6BGVT	NLBIE	OWS4W	1Y1TJ	HXU/L	8J17R	N-K38	C/NNW	Z33MZ
XMPO-	?RD?F	11=L3	6KFPV	NIK.F	26,JY	I7141	V0,76	1I2CB	E/95X	GR16R
BNCKD	LB-3S	6-BLC	BUDPJ	AM3IR	W,16E	AGZ,V	FXU9P	2QEX-	-E2M0	QQF,L

STARTING POSITION 3

AJTE	9B,D=	?4DIO	3AKJM	?L8I=	.240T	/V=PB	SU1WL	7CZG4	Q9K?Z	ZSIT?
30=IS	KN?VV	NU8VG	BFBZH	R/U/J	AYBF8	WSS14	3=50N	VFFMA	RH-C5	ZQ199
N8L.A	9WY5,	NN-0G	-VGV7	/4D19	G93H8	BP/?3	/G,BZ	MBRSS	3NEZG	R=PPD
3K/MY	4K3A=	C5VCT	NGPKT	0OUTA	XRYPD	??8,8	TY6CD	4K7HT	?U207	88UYP
E-B1K	ZEZVG	8A8XT	JGYZN	AIYPJ	J,J,A	8,RX=	XJEY5	DI5=C	85H1.	8N50E
9AAS5	?G-I1	U,GVT	K86YM	L??=R	3HS3,	B,VLS	ZO,02	//U49	L1V0X	/UY2N
DDL8-	A1B3-	4.BK.	M/E,U	,UFWN	QG741	P575C	03W6.	3B=DF	3I4,H	D84JC
.5RY?	OP8EZ	WPSC-	C=YW-	BCH.7	VJ1BE	L=B,0	W1KVB	75RER	/PRXT	39.PT
?/GK-	TGTFT	IX5=.	UR5E.	O/W3Y	,FFIJ	N93/O	SFL2/	BSACK	I889D	8-YFB
B5EB9	Y41?E	EU14I	H45RW	OYMTQ	0?GR,	?H0J5	3-7LG	2U,/U	,65W6	=UV5X
9015L	XU713	9LE5D	=07FG	SW1LY	HFGH.	G/HBR	/V6B8	U/5=?	77TJ,	5Y1F/
OE.2D	WF8HA	W4C=/	,/U2Z	2PO8T	5OPDD	JQ,50	JLLKX	=HP,I	0A.M5	,IK,5
QUY73	,IV2U	/90JQ	154UZ	HVKLA	D11T7	ZWPFS	F7KUB	TW2M4	8R0,E	F344?
AIH1Z	BQ2.9	K=/ME	FHSNF	9H6ZE	HL1C6	JP?PU	3V7..	B4TJ8	.AANW	8XRW6
6NSOL	W6ISB	D4P=L	GSE69	-BQ4E	R-GYF	G1G-B	J?5RU	RFQJZ	?S8LE	G7XN=
,F3X1	79ZJC	89ILN	4LD?6	C8M1A	ALU6L	LQI=8	RTP3,	08,WT	9GPQG	TD9S7
4VJ-N	BD.DK	7RJLB	GZN65	01IXC	OZEMZ	36AN4	M3,OY	TDF0J	UL,5T	LKG-F
NIB0S	540A-	5MDL2	.7YWF	P1=Y,	CYGB/	OV.6C	GPZ=X	K953J	-HHR-	ZIOV=
,RYFJ	N9F/?	XFFDR	P2T-H	G83XY	?J2/R	/Y,TQ	C7Y6L	FMN6E	9N.03	E3NCI
/D,E=	ZH1CO	BHY8L	L,N30	4TTCX	GRVV7	A//7P	0QW?P	WV2/1	50/W/	YZ?RV
FK984	YKM-,	AVLGJ	SCESU	QJBYI	5?B8A	INL6?	JVXVY	JUY?7	IE/1U	4NR3?
A31HN	CA66F	NB/07	P=SR6	KH/6M	X/85U	RMUQM	29/W,	AEEDZ	2XU-U	2U3WA
L80LP	-PITR	X,IYI	BOMS/	YB72Z	B-FN3	5CERX	/5/24	HLZPO	POR1K	D57Q0
SFNHJ	VEJS8	T=BU-	0.NQ8	8L7?W	09YYE	?=Z?6	A6BGV	TNLBI	EOWS4	W1Y1T
JHXU/	L8J17	RN-K3	8C/NN	WZ33M	ZXMPO	-?RD?	F11=L	36KFP	VNIK.	F26,J

STARTING POSITION 4

HO90	4Q/UO	QERR0	R.2=R	7I?8W	ZN/D/	?UKNN	PG1D5	C.1C6	FC?NK	MWBW6
2Z=Y3	28LB0	X98GW	82?,7	.-7Y3	D5TRG	XRRNX	/DW2C	ZGW?N	5Z,MB	=GB81
Y529N	B9F/?	XFFDR	P2T-H	GS3XY	?J2/R	/Y,TQ	C7Y6L	FMN6E	9N.03	E3NCI
/D,E=	ZH1CO	BHY8L	L,N30	4TTCX	GRVV7	A//7P	0QW?P	WV2/1	50/W/	YZ?RV
FK984	YKM-,	AVLGJ	SCESU	QJBYI	5?B8A	INL6?	JVXVY	JUY?7	IE/1U	4NR3?
A31HN	CA66F	NB/07	P=SR6	KH/6M	X/85U	RMUQM	29/W,	AEEDZ	2XU-U	2U3WA
L8OLP	-PITR	X,IYI	BOMS/	YB72Z	B-FN3	5CERX	/5/24	HLZPO	POR1K	D57Q0
SFNHJ	VEJS8	T=BU-	0.NQ8	8L7?W	09YYE	?=Z?S	A6BGV	TNLBI	EOWS4	W1Y1T
JHXU/	L8J17	RN-K3	8C/NN	WZ33M	ZXMPO	-?RD?	F11=L	36KFP	VNIK.	F26,J
YI714	1V0,7	61I2C	BE/95	XGR16	RBNCK	DLB-3	S6-BL	CBUDP	JAM3I	RW,16
EAGZ,	VFXU9	P2QEX	--E2M	0QQF,	LN6CC	2,8XZ	29M-0	05T40	S04AD	KOMGR
GRD.N	52X0U	-PK0D	,.P36	TD50U	06WVB	,,NAT	FO4G9	.N12V	BU4K7	Z=1A5
G5.00	CC=A-	TYUD3	EW5N5	.3Z0Q	TF,KU	T8UB1	V,UTX	?G8PS	0GTDK	YHR22
EMO-A	62G-,	M8N53	HV-C7	-,01L	MFR2D	H.RHX	S0XKQ	CJSZP	KMV.5	=,PYL
AJTJ,	C60LN	UYOP3	X?MFG	B/PWW	,OWQ,	=XCV3	3H9C.	88P5H	K5SVQ	1G98-
LH,2M	XRKPW	T7BLL	L=H1B	Z9SJW	6N90N	2EVRX	VUBXE	25/24	HLZPO	POR1K
D57Q0	SFNHJ	VEJS8	T=BU-	0.NQ8	8L7?W	09YYE	?=Z?S	A6BGV	TNLBI	EOWS4
W1Y1T	JHXU/	L8J17	RN-K3	8C/NN	WZ33M	ZXMPO	-?RD?	F11=L	36KFP	VNIK.
F26,J	YI714	1V0,7	61I2C	BE/95	XGR16	RBNCK	DLB-3	S6-BL	CBUDP	JAM3I
RW,16	EAGZ,	VFXU9	P2QEX	--E2M	0QQF,	LN6CC	2,8XZ	29M-0	05T40	S04AD
KOMGR	GRD.N	52X0U	-PK0D	,.P36	TD50U	06WVB	,,NAT	FO4G9	.N12V	BU4K7
Z=1A5	G5.00	CC=A-	TYUD3	EW5N5	.3Z0Q	TF,KU	T8UB1	V,UTX	?G8PS	0GTDK
YHR22	EMO-A	62G-,	M8N53	HV-C7	-,01L	MFR2D	H.RHX	S0XKQ	CJSZP	KMV.5
=,PYL	AJTJ,	C60LN	UYOP3	X?MFG	B/PWW	,OWQ,	=XCV3	3H9C.	88P5H	K5SVQ
1G9B-	LH,2M	XRKPW	T7BLL	L=H1B	Z9SJW	6N90N	2EVRX	VUBXE	25/24	HLZPO

STARTING POSITION 5

PP?-	XPFH8	7-RCU	JJEPW	V2/15	D/W/Y	Z?RVF	K984Y	KM-,A	VLGJS	CESUQ
JBYI5	?B8AI	NL6?J	VXVYJ	UY?7I	E/1U4	NR3?A	31HNC	A66FN	B/07P	=SR6K
H/6MX	/B5UR	MUQM2	9/W,A	EEDZ2	XU-U2	U3WAL	80LP-	PIIRX	,IYIB	OMS/Y
B72ZB	-FN35	CERX/	5/24H	LZPOP	OR1KD	57Q0S	FNHJV	EJS8T	=BU-0	.NQ88
L7?W0	9YYE?	=Z?SA	6BGVT	NLBIE	OWS4W	1Y1TJ	HXU/L	8J17R	N-K38	C/NNW
Z33MZ	XMPO-	?RD?F	11=L3	6KFPV	NIK.F	26,JY	I7141	V0,76	1I2CB	E/95X
GR16R	BNCKD	LB-3S	6-BLC	BUDPJ	AM3IR	W,16E	AGZ,V	FXU9P	2QEX-	-E2M0
QQF,L	N6CC2	,8XZ2	9M-00	5T40S	04ADK	OMGRG	RD.N5	2X0U-	PK0D,	.P36T
D50U0	6WVB,	,NATF	04G9.	N12VB	U4K7Z	=1A5G	5.00C	C=A-T	YUD3E	W5N5.
3Z0QT	F,KUT	8UB1V	,UTX?	G8PS0	GTDKY	HR22E	MO-A6	2G-,M	8N53H	V-C7-
,01LM	FR2DH	.RHXS	0XKQC	JSZPK	MV.5=	,PYLA	JTJ,C	60LNU	YOP3X	?MFGB
/PWW,	OWQ,=	XCV33	H9C.8	8P5HK	5SVQ1	G98-L	H,2MX	RKPWT	7BLLL	=H1BZ
9SJW6	N90N2	EVRXV	UBXE2	5/24H	LZPOP	OR1KD	57Q0S	FNHJV	EJS8T	=BU-0
.NQ88	L7?W0	9YYE?	=Z?SA	6BGVT	NLBIE	OWS4W	1Y1TJ	HXU/L	8J17R	N-K38
C/NNW	Z33MZ	XMPO-	?RD?F	11=L3	6KFPV	NIK.F	26,JY	I7141	V0,76	1I2CB
E/95X	GR16R	BNCKD	LB-3S	6-BLC	BUDPJ	AM3IR	W,16E	AGZ,V	FXU9P	2QEX-
-E2M0	QQF,L	N6CC2	,8XZ2	9M-00	5T40S	04ADK	OMGRG	RD.N5	2X0U-	PK0D,
.P36T	D50U0	6WVB,	,NATF	04G9.	N12VB	U4K7Z	=1A5G	5.00C	C=A-T	YUD3E
W5N5.	3Z0QT	F,KUT	8UB1V	,UTX?	G8PS0	GTDKY	HR22E	MO-A6	2G-,M	8N53H
V-C7-	,01LM	FR2DH	.RHXS	0XKQC	JSZPK	MV.5=	,PYLA	JTJ,C	60LNU	YOP3X
?MFGB	/PWW,	OWQ,=	XCV33	H9C.8	8P5HK	5SVQ1	G98-L	H,2MX	RKPWT	7BLLL
=H1BZ	9SJW6	N90NZ	EVRXV	UBXE2	5/24H	LZPOP	OR1KD	57Q0S	FNHJV	EJS8T
=BU-0	.NQ88	L7?W0	9YYE?	=Z?SA	6BGVT	NLBIE	OWS4W	1Y1TJ	HXU/L	8J17R
N-K28	C/NNW	Z33MZ	XMPO-	?RD?F	11=L3	6KFPV	NIK.F	26,JY	I7141	V0,76
1I2CB	E/95X	GR16R	BNCKD	LB-3S	6-BLC	BUDPJ	AM3IR	W,16E	AGZ,V	FXU9P

STARTING POSITION 6

9IMO	W=X7U	6X1VO	6QK0=	LF=H/	MPDCE	?QG3M	41NME	RJS6N	,1LMW	P.AE4
F=3PR	09WK.	D6413	8U3J=	.V?W4	DD40.	6B/QL	B1Y9G	JWQAI	JWWAZ	U0-Q6
YK37Z	VD?Z6	0EVL?	W3EMX	WUQ4F	62KAS	KQO/,	XGDAY	=/=,M	HN8XI	7ZLW-
CQ4D3	VHKV5	OD7-S	M3X06	UDHSB	G9V9/	CK95A	.4OBJ	GV5CI	8-JNS	KZZT/
3L9=U	Q3/6A	B1M-7	HOP3C	BUZfq	CKs60	3IHS=	RYJ,B	PWOQ9	D6=GX	HLK47
R7D20	/Q/B.	1LNK1	?AI=Y	3XF65	.,T5T	UKXCD	T204F	M665D	QM=IS	FT43M
42RJ/	RBACW	U/WOC	.ANCB	49OKH	MXQJB	ZA.OT	PPB/L	2?SVS	=Z=CU	9VVNL
R,J1P	V7E?-	=QRJ-	0V90M	0NW,Y	80QI2	Q00.L	JZY7X	,/7-4	2FF9Y	,QACH
LRQ,J	,CNDD	18D?1	XN14Q	JIH44	=KIL8	SJ-WM	9ZI.8	.,FXT	6S67R	PC30/
7PIK4	H7Z5M	V-RB3	LY.C,	6,7D2	EPP?-	XPFHS	7-RCU	JJEPW	V2/15	O/W/Y
Z?RVF	K984Y	KM-,A	VLGJS	CESUQ	JBYI5	?B8AI	NL6?J	VXVYJ	UY?7I	E/1U4
NR3?A	31HNC	A66FN	B/07P	=SR6K	H/6MX	/85UR	MUQM2	9/W,A	EEDZ2	XU-U2
U3WAL	8OLP-	PITRX	,IYIB	OMS/Y	B72ZB	-FN35	CERX/	5/24H	LZPOP	OR1KD
57Q0S	FNHJV	EJS8T	=BU-0	.NQ88	L7?W0	9YYE?	=Z?SA	6BGVT	NLBIE	OWS4W
1Y1TJ	HXU/L	8J17R	N-K38	C/NNW	Z33MZ	XMPO-	?RD?F	11=L3	11=L3	6KFPV
26,JY	I7141	V0,76	1I2CB	E/95X	GR16R	BNCKD	LB-3S	6-BLC	BUDPJ	AM3IR
W,16E	AGZ,V	FXU9P	2QEX-	-E2M0	QQF,L	N6CC2	,8XZ2	9M-00	5T408	04ADK
OMGRG	RD.N5	2X0U-	PK0D,	.P36T	D50U0	6WVB,	,NATF	04G9.	N12VB	U4K7Z
=1A5G	5.00C	C=A-T	YUD3E	W5N5.	3Z0QT	F,KUT	8UB1V	,UTX?	G8PS0	GTDKY
HR22E	MO-A6	2G-,M	8N53H	V-C7-	,01LM	FR2DH	.RHXS	0XKQC	JSZPK	MV.5=
,PYLA	JTJ,C	60LNU	YOP3X	?MFGB	/PWW,	OWQ,=	XCV33	H9C.8	8P5HK	5SVQ1
G98-L	H,2MX	RKPWT	7BLLL	=H1BZ	9SjW6	N90N2	EVRXV	UBXE2	5/24H	LZPOP
OR1KD	57Q0S	FNHJV	EJS8T	=BU-0	.NQ88	L7?W0	9YYE?	=Z?SA	6BGVT	NLBIE
OWS4W	1Y1TJ	HXU/L	8J17R	N-K38	C/NNW	Z33MZ	XMPO-	?RD?F	11=L3	6KFPV
NIK.F	26,JY	I7141	V0,76	1I2CB	E/95X	GR16R	BNCKD	LB-3S	6-BLC	BUDPJ

STARTING POSITION 7

-I6R	D7-SM	3X06U	DH8BG	9V9/C	K95A.	40BJG	V5CI8	-JNSK	ZZT/3	L9=UQ
3/6AB	1M-7H	OP3CB	UZFQC	KS603	IHS=R	YJ, BP	WOQ9D	6=GXH	LK47R	7D20/
Q/B.1	LNK1?	AI=Y3	XF65.	,T5TU	KXCDT	204FM	665DQ	M=ISF	T43M4	2RJ/R
BACWU	/WOC.	ANCB4	9OKHM	XQJ8Z	A.OTP	PB/L2	?SVS=	Z=CU9	VVNLR	,J1PV
7E?-=	QRJ-0	V9OM0	NW,Y8	OQI2Q	00.LJ	ZY7X,	/7-42	FF9Y,	QACHL	RQ,J,
CNDD1	8D?1X	N14QJ	IH44=	KIL88	J-WM9	ZI.B.	,FXT6	S67RP	C30/7	PIK4H
7Z5MV	-RB3L	Y.C,6	,7D2E	PP?-X	PFHS7	-RCUJ	JEPWV	2/150	/W/YZ	?RVFK
984YK	M-,AV	LGJSC	ESUQJ	BYI5?	B8AIN	L6?JV	XVYJU	Y?7IE	/1U4N	R3?A3
1HNCA	66FNB	/O7P=	SR6KH	/6MX/	85URM	UQM29	/W,AE	EDZ2X	U-U2U	3WALB
OLP-P	ITRX,	IYIBO	MS/YB	72ZB-	FN35C	ERX/5	/24HL	ZPOPO	R1KD5	7Q0SF
NHJVE	JS8T=	BU-0.	NQ88L	7?W09	YYE?=	Z?SA6	BGVTN	LBIEO	WS4W1	Y1TJH
XU/L8	J17RN	-K38C	/NNWZ	33MZX	MPO-?	RD?F1	1=L36	KFPVN	IK.F2	6,JYI
7141V	0,761	I2CBE	/95XG	R16RB	NCKDL	B-386	-BLCB	UDPJA	M3IRW	,16EA
GZ,VF	XU9P2	QEX--	E2M0Q	QF, LN	6CC2,	8XZ29	M-005	T40S0	4ADKO	MGRGR
D.N52	X0U-P	K0D, .	P36TD	50U06	WVB, ,	NATFO	4G9.N	12VBU	4K7Z=	1A5G5
.00CC	=A-TY	UD3EW	5N5.3	Z0QTF	,KUT8	UB1V,	UTX?G	8PS0G	TDKYH	R22EM
O-A62	G-,M8	N53HV	-C7-,	O1LMF	R2DH.	RHXS0	XKQCJ	SZPKM	V.5=,	PYLAJ
TJ,C6	0LNUY	OP3X?	MFGB/	PWW,O	WQ,=X	CV33H	9C.B8	P5HK5	SVQ1G	98-LH
,2MXR	KPWT7	BLLL=	H1BZ9	SJW6N	90N2E	VRXVU	BXE25	/24HL	ZPOPO	R1KD5
7Q0SF	NHJVE	JS8T=	BU-0.	NQ88L	7?W09	YYE?=	Z?SA6	BGVTN	LBIEO	WS4W1
Y1TJH	XU/L8	J17RN	-K38C	/NNWZ	33MZX	MPO-?	RD?F1	1=L36	KFPVN	IK.F2
6,JYI	7141V	0,761	I2CBE	/95XG	R16RB	NCKDL	B-3S6	-BLCB	UDPJA	M3IRW
,16EA	GZ,VF	XU9P2	QEX--	E2M0Q	QF, LN	6CC2,	8XZ29	M-005	T40S0	4ADKO
MGRGR	D.N52	X0U-P	K0D, .	P36TD	50U06	WVB, ,	NATFO	4G9.N	12VBU	4K7Z=
1A5G5	.00CC	=A-TY	UD3EW	5N5.3	Z0QTF	,KUT8	UB1V,	UTX?G	8PS0G	TDKYH

STARTING POSITION 8

,LOA	/TVJW	M1Q,3	PJQ6H	BPRG9	/5EA/	5IPNC	6LPS7	-T2M,	YGW5.	31KM5
EQOCO	1VMS.	9?W5M	BWLQ6	FNJEE	5JVNB	94=4M	3C65V	S4Y1U	DLVIB	,547,
8BXZU	FXKU2	B=YTK	G1TO/	URZGG	2.D5E	Z,AG3	.8Z8B	=I1NI	6K8/.	C9U6L
JK=K1	?0.N6	09KS6	MSYRX	?KG71	H2.YI	FVMAI	TAGQO	YGFAO	MY-L1	.OV1G
4-KH/	5YBDR	S5D.E	GVD8G	OY-4P	VNZPF	9X5V1	DIU9V	GHA3I	A0B-V	MML,6
Q2RIN	1MM.E	/77B8	5M/P?	?I9B1	IOR-0	HX4EL	2II-5	AS?QA	C76==	=N8HQ
T7KKE	M/6Z3	?DKI2	VOI6.	G0ETA	X21DX	38N.9	T6IWX	NX0/U	Z7GIQ	3FB5J
-6M8Y	GG=0.	4=4S,	-KNKE	M5NDV	H37ZG	,VGV3	F5KN7	?H3,K	2YCAG	X/KZY
ONS2X	BHH/5	II5.Z	62KIT	YDGNV	RQ2PJ	2/8-Y	1NG?7	B0V?Q	T?E9?	OVJ7P
GIR=Z	H,8M.	YVBU4	K7Z=1	A5G5.	00CC=	A-TYU	D3EW5	N5.3Z	0QTF,	KUT8U
B1V,U	TX?G8	PS0GT	DKYHR	22EMO	-A62G	-,M8N	53HV-	C7-,O	1LMFR	2DH.R
HXS0X	KQCJS	ZPKMV	.5=,P	YLAJT	J,C60	LNUYO	P3X?M	FGB/P	WW,OW	Q,=XC
V33H9	C.88P	5HK5S	VQ1G9	8-LH,	2MXRK	PWT7B	LLL=H	1BZ9S	JW6N9	0N2EV
RXVUB	XE25/	24HLZ	POPOR	1KD57	Q0SFN	HJVEJ	S8T=B	U-0.N	Q88L7	?W09Y
YE?=Z	?SA6B	GVTNL	BIEOW	S4W1Y	1TJHX	U/LBJ	17RN-	K38C/	NNWZ3	3MZXM
PO-?R	D?F11	=L36K	FPVNI	K.F26	,JYI7	141V0	,761I	2CBE/	95XGR	16RBN
CKDLB	-3S6-	BLCBU	DPJAM	3IRW,	16EAG	Z,VFX	U9P2Q	EX--E	2M0QQ	F,LN6
CC2,8	XZ29M	-005T	40S04	ADKOM	GRGRD	.N52X	0U-PK	0D,.P	36TD5	0U06W
VB,,N	ATFO4	G9.N1	2VBU4	K7Z=1	A5G5.	00CC=	A-TYU	D3EW5	N5.3Z	0QTF,
KUT8U	B1V,U	TX?G8	PS0GT	DKYHR	22EMO	-A62G	-,M8N	53HV-	C7-,O	1LMFR
2DH.R	HXS0X	KQCJS	ZPKMV	.5=,P	YLAJT	J,C60	LNUYO	P3X?M	FGB/P	WW,OW
Q,=XC	V33H9	C.88P	5HK5S	VQ1G9	8-LH,	2MXRK	PWT7B	LLL=H	1BZ9S	JW6N9
0N2EV	RXVUB	XE25/	24HLZ	POPOR	1KD57	Q0SFN	HJVEJ	S8T=B	U-0.N	Q88L7
?W09Y	YE?=Z	?SA6B	GVTNL	BIEOW	S4W1Y	1TJHX	U/LBJ	17RN-	K38C/	NNWZ3
3MZXM	PO-?R	D?F11	=L36K	FPVNI	K.F26	,JYI7	141V0	,761I	2CBE/	95XGR

STARTING POSITION 9

VEWB	TBYM8	OL7S1	TBFN/	7Z4F?	7EDII	DOOVP	WG.S7	DVC62	HVYBN	KF5HS
TN7ZQ	R?I74	SJLRW	75KSY	NFU.3	?HZ10	DRSJR	520Y4	9307H	/T/M6	6BGQ1
MC4JB	1J.L.	P7=LS	4NHRI	TLGUG	.26LF	5P531	-ZSYO	KCNLB	K87/U	9B7--
5JG3C	M7JYB	-=K9I	=B9XU	B387V	ONU8W	FLUFB	?1/AC	R8F?1	F9MR.	AGV5U
/?.XQ	P?SX2	XYPJ-	XL=J0	E/M6E	QPN38	NWTY?	DZ1F0	/7/R.	Q7=2C	B855=
E/UP6	RDDYL	F5.X6	7035D	AEZU0	7LDR7	N4PQ6	HNEQG	5QD=F	4220Z	.16IO
-W2P3	BIZOZ	9?4R5	CA8V8	FTVNA	JXN,0	B2URA	U7IAN	CK.1B	4ZTY=	CME3A
NGD0H	0.,H6	6Z55V	0.HJV	B8,G,	V,K5Q	RFMMV	C74U=	N4C6L	75IJW	IW/.B
XJA0/	Y70NX	1C54X	Z-=PK	X5NIQ	9GDZ,	CRXRW	NORKF	CE891	UN/=F	B6-3J
3,SSP	X8-=,	T0Q75	HSUMS	LJK84	/BSKZ	C/NN3	W-WK3	7R-08	ZNRYG	,?49=
.3TAF	468AV	Z5=VW	YC6D6	C73MV	8WH.9	NJIV=	V1Y3L	VXS8X	L9YYE	?=Z?S
A6BGV	TNLBI	EOWS4	W1Y1T	JHXU/	L8J17	RN-K3	8C/NN	WZ33M	ZXMPO	-?RD?
F11=L	36KFP	VNIK.	F26,J	YI714	1V0,7	61I2C	BE/95	XGR16	RBNCK	DLB-3
S6-BL	CBUDP	JAM3I	RW,16	EAGZ,	VFXU9	P2QEX	--E2M	0QQF,	LN6CC	2,8XZ
29M-0	O5T40	S04AD	KOMGR	GRD.N	52X0U	-PK0D	,.P36	TD50U	06WVB	,,NAT
FO4G9	.N12V	BU4K7	Z=1A5	G5.00	CC=A-	TYUD3	EW5N5	.3Z0Q	TF,KU	T8UB1
V,UTX	?G8PS	0GTDK	YHR22	EMO-A	62G-,	M8N53	HV-C7	-,01L	MFR2D	H.RHX
S0XKQ	CJSZP	KMV.5	=,PYL	AJTJ,	C60LN	UYOP3	X?MFG	B/PWW	,OWQ,	=XCV3
3H9C.	88P5H	K5SVQ	1G98-	LH,2M	XRKPW	T7BLL	L=H1B	Z9SJW	6N90N	2EVRX
VUBXE	25/24	HLZPO	POR1K	D57Q0	SFNHJ	VEJS8	T=BU-	0.NQB	8L7?W	09YYE
?=Z?S	A6BGV	TNLBI	EOWS4	W1Y1T	JHXU/	L8J17	RN-K3	8C/NN	WZ33M	ZXMPO
-?RD?	F11=L	36KFP	VNIK.	F26,J	YI714	1V0,7	61I2C	BE/95	XGR16	RBNCK
DLB-3	S6-BL	CBUDP	JAM3I	RW,16	EAGZ,	VFXU9	P2QEX	--E2M	0QQF,	LN6CC
2,8XZ	29M-0	O5T40	S04AD	KOMGR	GRD.N	52X0U	-PK0D	,.P36	TD50U	06WVB
,,NAT	FO4G9	.N12V	BU4K7	Z=1A5	G5.00	CC=A-	TYUD3	EW5N5	.3Z0Q	TF,KU