

9GDHMF @N NA@ N + C GDDHED DED DC N@R GD NLOM GAR
DODHMBEC@BL @HDCD H@HM @ DNEHRRNB BNEHF O HBDD BDCMF ND
GDDBNMFB HD @CHF C@R RODEHHA NM2DIDLAD 2DIDLAD @C
. BNAD R@M N GD DD @MON HMRNE GD3 @HF1 DRNE2G@FG@H
2NB BGFDRBGE B @HMR @DB@RHDC @ @ANL@ E B @HMR HMRNB
@CHF

%N N HF HMDM@ HROCBHMR@C HDMHP HHRCHBDC N GD NLOM R
BNM N HF RG@DGNCDR@C GD@ @BNM ND GD NLOM BMHL RG@ @RNE GD
C@DNE GR@MN MBL DM GDDHRRMN MCHBNDC L @DI@ HMNL @HM G@RGN C
G@DADMCHBNDC

3GD NLOM GAR DODHMBEC@BL @HDCD H@HM @ DNEHRRNB BNEHF
O HBDD BDCMF ND GDDBNMFB HD @CHF C@R RODEHHA NM2DIDLAD
2DIDLAD @C. BNAD R@M N GD DD @MON HMRNE GD3 @HF
1 DRNE2G@FG@H 2NB BGFDRBGE B @HMR @DB@RHDC @ @ANL@
E B @HMR HMRNB @CHF

(M DRONED N GD HDMHDC @ANL@ E B @HMR HMRNB @CHF GD NLOM
MCD NN @BNLODGMHD DHH@HM ONBDR HB CHF HMDM@ HROCBHMR@C
HDMHP HHR3GDHMF@DRLL@HDC@REN R

(. OD@HM@2 @ R

ONMHMDM@ HROCBHM HRC@H NOD@HMR DL @MR@D@CMNL@ HG MN
RFMHBA@BGFDRHMDHGD HMDM@N D DM@A HMDRBNMCHMR

((, @DI@ DMR

3GD NLOM R HMDM@ HROCBHMR@C HDMHP HHR HG GD BNM N HF
RG@DGNCDR@C GD@ @BNM ND @HHL G@ @RNE GDC@DNE GR@MN MBL DM
GDBNM N HF RG@DGNCDR@C GD@ @BNM ND CNM G@D@M NCD MCHBNDC
L @DI@ HMNL @HM G@RGN CG@DADMCHBNDC 3GRHB CDR A HRMN HLHDC N
L @N @RD DR B HFR RG@D HR @BDR RFMHBA@ @R@B HMR A HMDR
DNF@H@HMR RG@D DO BGFDR DP H HMDMHD O@R A@M OB ONBDCMF

L @N A RHMRRBN @N@HMR @C GDHM NC BHMNER @DFHBMDRNR

(((, DCH@ DON R, @ D1 LNR @C3 DMCHF3NOHR

ONMMDM@HFOCBHMR GD NLO@M EN MCMNL DCH@ DON R N L@ D LNR
MBDRH@HF B@HBB@HMN DRONMD G@L@ HME DMBDN G@D@D@ L@DHA@
HME DMDC GD NLO@M RRB OHD3GD@DMNHR DRHM N HMF GN NOHR

(5 . GD HBD2DMRHD(MENL @HM

- NNGD O HBD RDMRHD MENL @HMG@RADMICDMHHC G@BN CL@DHA@ @HDB
GD @CHF OHDNE GD NLO@M RRB

(, @ D3 @CHF1 HR R

HDM GD BL @HD CD H@HM @ D NE GD NLO@M RRB BNM OHD
D BDCCHF ND GID BMRB HD @CHF C@R RODEHBB@ NM2D@DL AD
2D@DL AD @C. BNAD GD NLO@M @ HCRHMDRNR N DL @M HFM
DF@CHF HR RHM GDM HMRBNC@ L@D @CHF ND DBHORN MCI CFLDM @C N
HMDR O CDM

((. GD 1 HR R

(MDRNR @D DL HMD C G@ @ NHH@ BNL O@M HMENL @HM HR CHRDL H@DC
GNFG @MN MBL DMR O AHGDC NM GD 2G@FG@H 2 NB BG@FD DARHD
RDBNL BM @C GD NLO@M RCDHFM@DC HBNR DEG@MDR (MDRNRGN C
L@DHENL DCCD@HNR@C DL @M@DMHD NEM DRL DM HR R

3GD N@C NE HBNRNE GD NLO@M @HLR G@ GDD@DMN MCHBNDC
L@DRG@RGN CADCHBNDC H@BNC@MD HG GD2G@FG@2 NB BG@FD2 NB
+HRMF 1 DR N NGD @OHA@D DF @HMR MN @M D@DC O@R MFNI@HMR
HMDHMR N @DL DMR 3GD N@C NE HBNR G@R MN ADBLD @ @D NE @M
MCHBNDC HMENL @HM G@RGN CG@DADMCHBNDC H@BNC@MD HG GD DD @M
ON HMRNE GD2G@FG@2 NB BG@FD2 NB +HRMF 1 DR @C NGD DF @HMR
GHGBN CG@D@RHM HBA@M HLO@B NM GD @CHF OHDNE GDBNL O@M RRB @C
HRCDH@HDO NC BR D HN R CHBNDC HMENL @HM DL @MR@B @D@C BNL ODD
DP HMF MN@ DML DMRN R CO DL DMR

1 H+H

GND

-L @H HMENL@HM G@N BN

@N NA@ HR@D@CHF F NA@ DEGMNF -CHMDMDO H@HM GMD DMDF
HGHL -HM A@D L@DHA@ HMC R 3GD NLO@M G@R CD DNOCC @ D HB@
HMDF @DC A RHMRR L NCD BNDHMF @ BHH@ RDOR @NMF GD @ D BG@M NE GD
HMC R R@HMF ENL CD DNCL DM NE DRN BDR HD MB D BNA@ @C HGHL N GD

L@ME@B DNE HGHL -HMA@D L@DI@R 3GD NLO@M HRC D NDC NBNMR BHF@
G@L NMN RHC R DBNR RL GHGHRD@ DC HGF DM@C N -B@ANM HGGHG
2 R@C@CR R@D R@AH @CR R@MAH

3GR@MN MBL DM L@ BNM@MEN @C NN HMF R@L DMR DRHL @DR NOHMMR
@C ONDBHMR HG DOB N @MHO@DC E D ODENL @ED NE GD NLO@M
EN @C NN HMF R@L DMR 3GRDEN @C NN HMF R@L DMRB@MADH@CMHHC A
GD RD NE EN @C NN HMF DL HNNF HVB CHF GD DL R ADHD DR DRHL @DR
@MHO@DR DOBR HMDMR L@ H N RGN C N HMD@GB@D GDH
MF@HD N NGD @H@HMR N BNLO@AD DL HNNF 3GRDEN @C NN HMF
R@L DMRHVB CD@ L@DR G@ @DMN GHRNB@E@R %N @C NN HMF R@L DMR
@DA@C NMGB DM HD RD OB@HMR@C @R LOHMRNE GDL @M@L DM NE GD
NLO@M @CHMN DRFMHBM MN M@C MMN MHR R@C MB@ @MHR G@EN C
B@R@B @ DR RODENL @EDN D DMR NCH@L @DI@ ENL GND D O DR@C N
HLOHC HM RBG R@L DMR %N @C NN HMF R@L DMR RGN C MN AD @C @R
F @M@DR NE E D ODENL @ED N DR R@C H MN M@DR@H AD @B @D
H@CB@HMR NE GDGD N MN RBG DR R H AD @GH@C M EN @C NN HMF
R@L DMRHVB CDC GDDHNM FOD@ @R@ GD C@D NE GHR DD@D 3GD NLO@M
MCD @DRMNA HF@HM @C CNRMN DOB NOAHB @C@D NOAHB DHD@M
NE GDH@NL @HMEN @C NN HMF R@L DMRN GDBNB HNRBNM@MDC GDDHNM N
DEDB MD D DMRN HBL R@B@RN NBN DB @M H@B @BHR GHGL @ADNL D
@C@DM RARP DM N GDC@GDNE GDGD @R@ DR NEMD H@NL @HME D
D DMRN NGD HD 3GD NLO@M @B@ORMN @AHH G@ND D HM DOB NE GD
@GH@L DM NER BGEN @C NN HMF R@L DMR