

j S C B S B % # J U B S F M M P
" T T J T U B O U 1 j S Z I O T . B X S \$ P M M F H F

% F Q B S U N F O U P G # J P M P H Z
/ P S U I . F S J P O " W F
S Z O . B X S 1 "

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3BTLJO -)7• F FMK . #JUBSFMMMP # % 5IF FwFDU PG SFE
NBUSJYPO QBSTJNPOZ JOGFSSFE USFF UPQPM PHJFT <M BUFT
)BOTFMM % #.\$• #SBOEU % :\$ #JUBSFMMMP # % CB
CBMBODJOHTFMFDUJPO UFTUT JO HFOPNJD EBUB <FBSMZ TUB
3BTLJO -)7• #JUBSFMMMP # % F FMK . 1IZMPHF OFUJD 4
QIZMPHF OFUJD JOGPSNBUJPO DPOUFOU PG HSFBU BQF QFSJLZ

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4IJWBLVNBS 4 #.\$• 8JMLFO . # 5TBP 7 #JUBSFMMMP #
(FOFUJDBMMZ JOyVFODFE UPCBDDP BOE BMDPIPM VTF CFIBWJF
.FE3YJWUQT EPJ PSH
#BSSFJSP 3 " 4 "MNFJEB 5 ' (PNFT \$ 4 .POGBSEJOJ ' 'I
4PV[B (. %VJN & \$PSSFJB + 4 \$PFMIP " 7 \$ \$BSBDJPM
. "NBSP & 0MJWFJSB + # #JUBSFMMMP # % #SFOUBOJ)
"TTFTTJOH UIF SJTL TUSBUJxDBUJPO PG CSFBTU DBODFS QPMZ
.FE3YJWUQT EPJ PSH

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.BUIJFTPO * %BZ ' 3 #BSCBO / 5SPQG ' \$ #SB[FM % .
;VZEBN / #JUBSFMMMP # % (BSEOFS & + "LJNPWB & 5 "[I
' #PPNTNB % * #PTBL , #SVNBU . #VSJOH + & \$FTBSJC
(FOPNF XJEF BOBMZTJT JEF OUIJxFT HFOFUJD FwFDUT PO SFQSF
TFMFDUJPO BU UIF "%4 MPDVT /BUVSF)VNBO #FIBWJPVS
IUUQT EPJ PSH T
\$PY 4 - .PPUT) . 4UPDL + 5 4ICBU " #JUBSFMMMP # %
8 3PTFOTUPDL & 3Vw \$ # .BUIJFTPO * 1SFEJDUJO
%/" "NFSJDBO +PVSOBM PG #JPM PHJDBM "OUI SPQPM PHZ
IUUQT EPJ PSH BKQB
#JUBSFMMMP # % .BUIJFTPO * 1PMZHFOJD TDPSFT GP
((FOFT (FOPNFT (FORUJDT EPJ PSH H
(JOFS %FMHBEP \$ 7JMMBUPSP 4 -FSHB +BTP + (BZ 7JEB
1BOUBOP - #JUBSFMMMP # % *[RVJFSEP % /PHVFSB * 0M
-BMVF[B 'PY \$ &TLP 5 0•3FJMMZ 1 ' "OES©T " . 'FSSFUU
&WPMVUJPOBSZ BOE GVODUJPOBM JNQBDU PG DPNNPO Q
HFOPNF /BUVSF \$PNNVOJIDBUJPO EPJ PSH T
#JUBSFMMMP # % EF 'JMJQQP \$ 5FJYFJSB + \$ 4DINJEU +
" . 4JHOBUVSFT PG MPOH UFSN CBMBODJOHTFMFDUJPO
#JPM PHZ BOE &WPMUJQTP O EPJ PSH HCF FWZ

#JUBSFMMP # % 'SBODJTDP 3 4 .FZFS %)FUFSPHF
\$MBTTJDBM)-" \$MBTT * (FOFT PWFS %JWFSHFODF 5JNF BOE "DS
PG .PMFDVMBS &WPMVUJPO

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3FTFBSDI

1PMZHFOJD SJTL TDPSFT JO UIF #SB[JMJBO QPQVMBUJPO ** &JOT
&JOTUFJO)PTQJUBM 4£P 1BVMP #SB[JM

*OWFTUJHBUJOH UIF MBDL PG USBOTGFSBCJMJUZ PG QPMZHFOJD
%FQBSUNFOU PG PG

1PTUFST

*ODSFBTFE MPDBM HFOFUJD MPBE BT B SFTVMU PG TFMFDUJWF T
#JPMPHZ BOE & WPMVUJPO 7JSUVBM
-PTT PG QSFEJDUJWF QPXF S PG QPMZHFOJD SJTL TDPSFT JO BEN
7JSUVBM
#BMBODJOH TFMFDUJPO JO IVNBOT JOTJHIUT GSPN B OPWFM 4'4
GPS .PMFDVMBS #JPMPHZ BOE & WPMVUJPO 7JFOOB "VTUSJB
/\$7 " TJUF GSFRVFODZ TQFDUSVN CBTFE NFUIPE UP EFUFDU CBM
UIF 4PDJFUZ GPS .PMFDVMBS #JPMPHZ BOE & WPMVUJPO 4BO +VBO 1VFS
7BSJBUJPO PG E/ E4 SBUJPT BU)-" HFOFT PWFS UJNF BOE GVODU
GPS .PMFDVMBS #JPMPHZ BOE & WPMVUJPO \$IJDBHP 64"
5JNF EFQFOEFODF PG E/ E4 NFBTVSFT BU)-" MPDJ VOEFS CBMBOD
4PDJFUZ GPS .PMFDVMBS #JPMPHZ BOE & WPMVUJPO -ZPO 'SBODF

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/BUJPOBM 4DJFODF 'PVOEBUJPO UPUBM BXBSE UP #SZO .BXS \$PM
BOE QIZMPHFOZ B OFX MPPL BU BO PME QSPCMFN, DP 1*T .BKB F FMK
4VCNJUUFE PO 1SPQPTFE TUBSU EBUF EVSBUJPO NPOU

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%JHJUBM #SZO .BXS 1SPKFDU (SBOU "XBSE •3 QBDLBHF GPS
,
#FTU (SBEVBUF 4UVEFOU 1BQFS #JUBSFMMMP FU BM (FOPNF
.PMFDVMBS #JPMPHZ BOE & WPMVUJPO
4QPUMJHIU 5SBJOFF 1BQFS #JUBSFMMMP FU BM "NFSJDBO 4F
O 1I % TDIPMBSTIJQ HSBOU 4£P 1BVMP 3FTFBSDI 'PVOEBUJP
7JTJUJOH HSBEVBUF TUVEFOU TDIPMBSTIJQ HSBOU 4£P 1BVM
4DIPMBSTIJQ UP BUUFOE UIF 4VNNFS *OTUJUUVUF GPS 4UBUJTUJD
.BTUFS•T 4UVEFOU 4DIPMBSTIJQ 4£P 1BVMP 3FTFBSDI 'PVC
,ì QMBDF JO UIF FOUSBODF FYBNJOBUIJPO GPS UIF HSBEVBUF QSF
& WPMVUJPOBSZ #JPMPHZ 6OJWFSTJUJZ PG 4£P 1BVMP
6OEFSSHBEVBUF SFTFBSDI TDIPMBSTIJQ GSPN 4£P 1BVMP 3

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\$PVSTFT UBVHIU BU #S

#*0-# (FOPNJDT XJUI\$PNQVUFS -BC 4 4
#*0-# #JPTUBUJTUJDT XJUI 3 ' '
#*0-# 4VQFSWJTFE -BCPSBUPSZ 3FTFBSDI JO #JPMPHZ 4 ' 4 '
#*0-# 4FOJPS 5IFTJT 4
#*0-# #JPMPHJDBM &YQMPSBUJPOT * '

OUIFS UFBDIJOH FYQFSJFODFT

(VFTUMFDUVSFS *UBVHIU OFVUSBM DPBMFTDFOU TJNVMBUJPOT
(FOPNJDT -FOHUI IPVST

O &OHMJTI 5VUPSJOH TFMG FNQMPZFE * QSFQBSFE NBUFSJ
VOEFSSHBEVBUFFTUVEFOUT -FOHUI POFTFNFTUFS

4VQFSWJTFE DMBTTSPPN FYQFSJFODF &MFNFOUBSZ 4DIPPM JO \$BN
4DJFODF DMBTTFT UP xGUI HSBEFST VOEFSTUVEFOUT &MFNFOMVEFOUT

,BUSJOB 4QBSLT #.\$ • •3FDPOTUJUUVUJPO PG QIBHPDZUPTJT VTJOH F
QIZTJPM PHJDBM TZOUIFUJD QBSUJDMFT,
.FFSB 1BUUBOBZBL #.\$ • VQDPNJOH 8JMM QSFTFOU PO BOE UIFT

4VNNFS 4DJFODF 3FTFBS DI .FOUPS

4VNNFS 'JWF TUVEFOUT %BQIOF)BOTFMM \$MFNFOUJOF \$IFO (JMMZ
XJUI .BKB F FMK 4ISJZB 4IJWBLVNBS

4VNNFS 5XP TUVEFOUT \$MFNFOUJOF \$IFO (JMMZPV OH ,PI

45&.-" .FOUPSJOH

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'BMM "UUF OEFE TUVEFOU QPTUFS TFTTJPO 4VNNFS 4DJFODF 3FTFBS

'BMM "UUF OEFE #JPDIFNJTUSZ BOE .PMFDVMBS #JPM PHZ .BKPS *OGP

'BMM "UUF OEFE #JPM PHZ .BKPS *OGP 4FTTJPO

'BMM 1BSUJDJQBUFE JO UIF #JPM PHZ EFQBSUNFOU •MBC DSBXM,

'BMM 4FBS DI DPNNJUUFF GPS UFOVSF USBDL QPTJUJPO JO /FVSPTDJ

3FDSVJUFE LFZOPUF TQFBLFS %S ,BUSJOB \$MBX GPS #SZO .BXS
TQSJOH PG

4QSJOH 0SHBOJ[FE TFOJPS TFNJOBS FWF OU GPS CJPM PHZ NBKPST Q

3FDSVJUFE TQFBLFS %S 4BNBOUIB \$PY GPS EFQBSUNFOUBM TFNJ

'BMM 4QSJOH 4FBS DI DPNNJUUFF GPS TVDDFTTGVM UFOVSF USB

'BMM "UUF OEFE TUVEFOU QPTUFS TFTTJPO 4VNNFS 4DJFODF 3FTFBS

'BMM "UUF OEFE #JPM PHZ .BKPS *OGP 4FTTJPO

'BMM 1BSUJDJQBUFE JO UIF #JPM PHZ EFQBSUNFOU •MBC DSBXM,

+VMZ O1SFTFOU %BUB 4DJFODF 4UFFSJOH \$PNNJUUFF

4QSJOH 4FBS DI DPNNJUUFF GPS TVDDFTTGVM WJTJUJOH QSPGFTTPS

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'BMM 45&.-" 45&. JO UIF -JCF SBM BSUT 5SBJOJOH

4VNNFS 'BDVMUZ 4VDDFTT 1SPHSBN GSPN UIF /BUJPOBM \$FOUFS GP

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O1SFTFOU .BOVTDSJQU SFWJFXFS #JPJOGPSNBUJDT (FO #JPM &W