

K Yf ` \ Uh ` XYb ` Ghfca _ UghYb `]a
9]W\ gZY ` X _ fY]g ` VYgW\ ÅX][h3 ` Dc `]nY] ` gi W\ h
NYi [Yb °

I bVY _ UbbhY ` HÅhYf ` VYgW\ ÅX][hYb ` Y]bYb
Ghfca j Yfgcf [i b [ggW\ fUb _] b ` BcfX \ Ui gYb " ` Dc `]nY] ` gi W\ h
NYi [Yb " ` GW\ UXYbg \ Ö \ Y . % , \$ \$ ` 9i fc "



↵ `]i g! < UUgY! GhfU » Yž " + ' \$, ' < Y] `][YbghUXhž ` 8 Yi hgW\ ` UbX ` !
⊕ ` Y]bYa ` gW\ cW_]YfYbXYb ` JcfZU ` `]b ` XYf ` ↵ `]i g! < UUgY! GhfU » Y
\ UVYb ` i bVY _ UbbhY ` HÅhYf ` Y]bYb ` Ghfca j Yfgcf [i b [ggW\ fUb _
VYgW\ ÅX][hž ` k Ug ` XYf ` Dc `]nY] `]b ` BcfX \ Ui gYb ` Ua ` ` 8 cbbYfghU [ž ` XYb
% + " ` 5df] ` ž [Ya Y ` XYh ` k i fXY " ` 8 Yf ` Ub [Yf] W\ hYhY ` GUW\ gW\ UXYb
VY ` Ài Zh ` g] W\ ` Ui Z ` ghc ` nY ` % , \$ \$ ` 9i fc ° ` 8] Y ` Dc `]nY] `]a ` 9] W\ gZY ` X _ fY] g
\ Uh ` X] Y ` 9fa] h ` i b [Yb ` k Y [Yb ` GUW\ VYgW\ ÅX][i b [` Ui Z [Ybca a Yb
i bX ` gi W\ h ` bi b ` bUW\ ` NYi [Yb ` XYg ` JcfZU ` ` g "

< UVYb ` G] Y ` Yhk Ug ` [YgY \ Yb ` cXYf ` [Y \ ÖfYb ` G] Y ` ni ` XYb ` DYfgcbYbž ` X] Y
<]bk Y] gY [YVYb ` _ ÖbbYb3 ` ÆfY ` ⊕ Zcfa Uh] cbYb ` _ ÖbbhYb

YbhgWXYXYbX'gY]b°'8]Y'Dc`nY]]b'<Y]][YbghUXh]ghi bhYf'XYf
HY`YZcbbi a a Yf'\$' *%#) +(' * +%\$\$'YffY]WVUF"A Y`XYb'G]Y'g]W
i bX`Y`ZYb'G]Yž'X]Y`HÀhYf'ni f'FYWYbgWUZh'ni `n]Y`Yb°

8YhU]`g	
JcfZU``	JUbXU`]ga i g
Cfh	đ`]i g!<UUgY!GhfU»Yž' +' \$, '<Y]][YbghUXhž 8Yi hgW`UbX
GWUXYb`]b`	%, \$\$

6Ygi WXYb'G]Y`i bg'Ui Z.`b!U["bYh