



! "\$%&'()\*#\$%&+, -./#.)  
0122)3/4' 5"+6)756' 869)! "\$%&'()\* ;<=>?@?  
=ABC==1C=AAA)0)- (?1EF#4

! "\$%&'(") ) \$\*\*++'  
! , -#\$%' . ++\*\$ /0' . \$/ , \*+1'  
!

---

!  
!  
! "\$%&' (&)\*+! ! ! ! ! ! ! ! ! ! ! ! , -! \$/0\*1+ (2!  
3%4(! "\$%&' (&)\*+!! ! ! ! ! ! ! ! ! ! ! ! ! , -!5\$+6!  
. &7)1((!801(&+\$1(! ! ! ! ! ! ! ! ! ! ! ! ! ! 9-! :\$&)\*+!  
. &7)1(! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! 8-! ; \*+6!  
<7' (&+1(+=(+1! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! " !>)%#!  
, (' 712!<7' (&+1(+=(+1!! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ?-! ?2\$+!  
<(4&(1\$&2! . &(\$ )7&(&! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! " !; \$+6!  
&(&)%=(+1!?!%#B\*+=!. (\$4# (&)C!8)) \*4%\$1%\*+! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! : -!D\$E (&)1\*4F!  
G! !3%4 (!@&)%=(+1!?!%#B\*+=!. (\$4# (&)C!8)) \*4%\$1%\*+! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! <-! ; (+60\*H)F#!  
I !\$!3%4 (!@&)%=(+1!?!%#B\*+=!. (\$4# (&)C!8)) \*4%\$1%\*+! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! J-!K\$&)%#!  
L !\$!3%4 (!@&)%=(+1!?!%#B\*+=!. (\$4# (&)C!8)) \*4%\$1%\*+! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! M-! "#\*!  
&(&)%=(+1!?!%#B\*+=!8)) \*4%\$1%\*+!\*N!<4#\*\*0!8=B%+%1&\$1\*%&! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! O-!J%1P!  
3%4 (!@&)%=(+1!?!%#B\*+=!8)) \*4%\$1%\*+!\*N!<4#\*\*0!8=B%+%1&\$1\*%&! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! 8-!O\*70\$!  
QR(471%E(!8))%1\$+!S?(4\*&=%+6!<(4&(1\$&2! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! M-! " \*%\*+(0!  
!  
P@&() (+1!N\* &!\$! ' \* &1%\* +!\*N!1# (!B((1%+6!

. &7)1((!K (B/(&! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ?-!D(00(U\$!

. # (! "\$%&' (&)\*+!4\$00(=1#(!B((1%+6!1\*!\*&=(&!\$!GGW! !B-!  
!  
. # (!?!%#B\*+=!D\*\$&=!\*N!Q=74\$1%\*+!\$4F+\*H0(=6(=!\$+#!1#+\$F(=!#(!J%)1!@(\*' 0!)! \*N!1# (!#X+ΣXB%+XBY  
0\$+67\$6(16\*\$7' !\*+!H\*) (!1&\$=9!%\*+\$0!\$+#!7+4(=!# (&9! \*%&C)!H(!1(\$4#A!0(\$&+!\$+#!0%(-!  
!  
!

!  
!  
! #(! \$6(+=\$!H\$)!\$=\*' 1(=\$)!4%470\$1(=-!  
!!

K%+71()!\*N!1# (!B((1%+6!#(0=!J(/&7\$&2!G!A! IWI [!H (&!\$' ' &\*E(=\$)!4%470\$1(=-!  
!!



. # (!<(4&(1\$&2! . &(\$ )7&(&!)\* F(!1\*!# (&!(' \* &!\$)!%+407(=!%+!1# (! \$6(+=\$! ' \$4F\$6(-. # (! "\$%&' (&)\*+!  
\$0)\*!)#&(&=1#(!4\*00\$/ \* &\$1%&(! ' &\*4())!7+=( &1\$F(+! /2!1&7)1()!\$+#!1\$N!1\*!&(E%) (!@\*%42! I WW-!

!\n+!&() '\*+) (!1\*!\$!1&7)1((C)!4\*BB(+!1\*+!1#(!1%B(0%+(!N\*&! '\*0%42!\$' '&\*E\$0!%+!(0\$1%\*+!1\*!1#(!K%+%1&2C)!  
8' &%! I WI [!=( \$=0%+(!N\*&! )4#\* \*0!/\*\$&=)A!1#(!<(4&(1\$&2!. &(\$ )7&(!\*NN(&(!1\*!%+N\*&B!1#(!K%+%1&2!1# \$!1!  
1#(!&(E%)%\*+!\*N!1#(!/\*\$&=C)! . &7)1((!' '\*=(!N!Q1#%4)!%+!1#(!N%+ \$0!)1\$6C)!\*N!\$' ' &\*E\$0-!!

!#(' '\*BB%1((!1#(+!\$6&((=1\*!N\*&H\$&=!1#(!N\*00\*H%+6! !1\*!1#(!D\*\$&=V!

!1#(' '#\$%' (&)\*+!\*N!1#(!@\*0%42!' '\*BB%1((!/%&+6!N\*&H\$&=!\$!) \*1%(!\*N!K \*1%\*+!1\*!1#(!D\*\$&=!  
\*N!Q=74\$1%\*+!\$1!1#(!8' &%! I [A! I WI [A! ' 7/0%4!B((1%+6!1# \$1!\$!&(4\*BB(+=\$1%\*+!N\*&!1#(!/\*\$&=C)!  
4\*+)%=(&\$1%\*+!H%00!/(!' &C)(+1(=!\$1!1#(!K\$2! I A! I WI [A! ' 7/0%4!B((1%+6!1\*!\$' ' &\*E(!&(E%)%\*+)!1\*!  
@\*0%42! I WW^ I WW\_?G!\$+ =! I WW\_? I V! . &7)1((!?'\*0(A!?'C)' \*+)%/%0%1(C)!\$+ =!' '\*=(!N!Q1#%4)-!

.#(!, (' 712!<7' (&%+1(+=(+1)!' \*F(!1\*!#%)!&(' \* &1!\$)!%+407=(=!%+!1#(!\$6(+=\$! \$4F\$6(-!

.#(' '\*BB%1((!1#(+!\$6&((=1\*!N\*&H\$&=!1#(!N\*00\*H%+6! !1\*!1#(!D\*\$&=V!

!1#(' '#\$%' (&)\*+!\*N!1#(!@\*0%42!' '\*BB%1((!/%&+6!N\*&H\$&=!\$!) \*1%(!\*N!K \*1%\*+!1\*!1#(!D\*\$&=!  
\*N!Q=74\$1%\*+!\$1!1#(!8' &%! I [A! I WI [A! ' 7/0%4!B((1%+6!1# \$1!\$!&(4\*BB(+=\$1%\*+!N\*&!1#(!/\*\$&=C)!  
4\*+)%=(&\$1%\*+!H%00!/(!' &C)(+1(=!\$1!1#(!K\$2! I A! I WI [A! ' 7/0%4!B((1%+6!1\*!\$' ' &\*E(!B%+ \* &!  
&(E%)%\*+)!1\*!@\*0%42! I W[\_?!

.#(!, (' 712!<7' (&%+1(+=(+1)!' \*F(!1\*!1#(!17' =\$1(=)1\$17)!=\*47B(+!1%+407=(=!%+!1#(!\$6(+=\$!  
' \$4F\$6(-!J\*00\*H%+6!\$+!%+Z7%&2!N&\*B\*!(!)Ij(E%)-11(\*+!) (+!)-1(C)' \*F(!)-1(Q=74\$1?(+1(C)4#(C)1\*1(' '\*=(. (+=\$)] \$4(!)-!