

#??(4!Y.?:&4!

!
C7(! - ((/.45!B9;!89??(!/&!&%)(!*+!/7(!, 79.%!9!/1I"G!\$L - L!!

XL #QQ : > = # \!>Z!CST!NAPT!1E!1H11E!RXPACTF!

!
A\$&4!9! - &/.&4! - 9) (!*+!R %L!Q.//;!94)!; (8&4) (!*+!@%L! Y.??;9 - ;E!/7(! - .4D/(;!&6!/7(!ND4(!1E!
1H11E! - ((/.45!B(%(!9\$\$\$&' (!)*+!D494. - &D;! ' &/(!!*+", -\$. /O12"+3\$4%220513\$6%5", 3\$7"89"/3\$
: '112";%53\$<';;, 3\$ = '22'08, >\$?0+, -\$?%5")L!!

XXL! , \>FT@!FTFFX>P!

!!
C7(!, 79.%!(8&54.[(!)R ;L!M(- \$(%E!B7&!%(9)!/7(!6&??&B.45! - &/.&4I!] R9)9 - !, 79.%E!X! - &' (!/79!
/7.;! - ((/.45!*(!%(8(;; ;)(E!94)E!9;!\$(% - .//(!)*+! =.%5.4.9! , &)(!F(8/.&4!1L1JK^""!V#W!V"WE!B(!
%(8&4' (4(!.4!8?&;)!)!; ;;&4!6&%/7(!D%\$&;(!&6!).;8D;;.45!(8& - - (4)9/.&4;!6&%!94!7&4&9%+!
) (5%((!94)!/7(!9\$\$\$&.4/ - (4/!&6!&4(!698D?/+! - (-*(%L!B./7/!(4D%(L!C7(! - &/.&4!B9;!; (8&4) (!)*+!
R %L!Q.//;!94)!9\$\$\$&' (!)*+!D494. - &D;! ' &/(!!*+", -\$. /O12"+3\$4%220513\$6%5", 3\$7"89"/3\$: '112";%53\$
<';;, 3\$ = '22'08, >\$?0+, -\$?%5")@!X4!9))./.&4!&/7(!<&9%)! - (-*(%;!\$(; (4/E!/7(!6&??&B.45!
.4). '.)D9?;!B(%(!\$(; (4!)D%.45!8?&;)!)!; ;;&4!Q%(;.) (4!S(- \$7.??E!Q%&' &!/!#57&E! =.8(!
Q%(;.) (4!Z&;/(%E!ND)+!<&B - 94E!P.49!U&4; (%E!#?.8.9!R&4%&(E! , 79)! : ((E!#; 7?(+!F87D - 90(%E!
94)!#??(4!Y.?:&4L!

XXXL : T , > P = TPT!XP!>QTP!FTFFX>P!#P@!Z>X#! , T : CXZX , #CX>P!

!
#/!/7(!8&48?D;.&4!&6!/7(!8?&;)!)!; ;;&4E!/7(!, 79.%!(8&4' (4(!)/7(! - ((/.45!94)!/7(!6&??&B.45!
Z%(()& - !&6!X46&% - 9/.&4!#8!/ , (%/.6.89/.&4!B9;!%(9)I!] #4+!\$(%;&4!B7&!*(?.' (!;/79!/7(!
8& - - .//((!).;8D;;)!)!/(- ;E!B7.87!B(%(!4&!;\$ (8.6.89??+!(- \$/(!)*+!9B!&%!4&!4.48?D) (!).4!/7(!
- &/.&4E! - D;!4&B!;9/(!B7(%(!/7(+!*(?.' (!/7(%(!B9;!9!)(9%/D%(!6& - !/7(!9B!&%!9!)(9%/D%(!.4!
/7(!).;8D;;.&4!&6! - 9/!(%;!&/7(%!/794!/79!/;9/(!).4!/7(! - &/.&4!8&4' (4.45!/7(!8?&;)!)!; ;;&4L!X!;79??!
4&B!/90(!9!%&??J89??!' &/(!&6!/7(!8& - - .//((L!#??!/7&;(!B7&195%((!/79!/&4?+!9B6D??+!(- \$/(!)
- 9/!(%;!94)!;\$ (8.6.89??+!&4?+!/7(!*D;.4(;; ! - 9/(!).1!&4?+!9B

X=L! , >PFTPC!#UTP@#!

AS&4!9! - &/.&4! - 9) (!*+!R%L!Q./;!94)!; (8&4) (!*+!R;!M(- \$(%E!8& - - ./((! - (- *(%;!9\$\$\$&' (!
a1!698D?/+!9\$\$\$&.4/ - (4/;E!^"!)9) - .4.;/%9/. ' (!698D?/+!9\$\$\$&.4/ - (4/;E!94)!/7%((! - (%./D;2(- (%./9!
9\$\$\$&.4/ - (4/;!*+!D494. - &D;! ' &/(!!*+", -\$. /012"+3\$4%220513\$6%5",3\$7"89"/3\$: '112";%53\$<';;,3\$
= '22'08,>\$?0+,-\$?%5")e\$

=L!XPZ> : R #CX>P!XCTRF!

!

C7(!8& - - ./((!%(8(. ' (!)/7(!: (\$&%/!&4!Q%& - &/.&4;!4!#89) (- .8! : 940!T66(8/. ' (!6&%!1H11J1KL!!!

!

@%L!>%?94)&!#+9?9E!F# , F , > , !Z98D?/+!\ (9)!6&%! , & - \$?.948(!94)!# ;;&8.9/(!Q%&6(;;&%!&6!
T45.4((%.45!C(874&?&5+E!\$%(;(4/(!94!D\$)9/(!&4!/7(!F# , F , > , ! : (966.% - 9/.&4!&6!#88%)/9/.&4L!
C7(!: (966.% - 9/.&4!&88D%;!(' (%+!"H!+(9%;L!!C7(%(9%(!" ^!8&%(!% (bD.% (- (4/;!8&' (%.45! - .; ;.&4E!
5&' (%4948(!94)!9) - .4.;/%9/.&4E!698D?/+E!;/D)(4/!(9%4.45!94)!987.(' (- (4/E!94)!6.4948.9?!
% (&D%8(;L!!C7(!: (966.% - 9/.&4!.;!8& - \$%.;) !&6!/B&!8& - \$&4(4/;I! , & - \$?.948(! , (%/.6.89/.&4!
V\$%(;(4/.45!/7(!S9;/W!94)!cD9?./+!T47948(- (4/Q?94!V\$%(;(4/.45!/7(!6D/D%(W!!C7(!&4J;./(!' .;./!
B.??!(!#\$%.?!" ^J1HE!1H1KL!!<&9%)! - (- *(%;! - 9+!*(!9;0(!/!&! - ((/B./7!/7(!% ('.(B(;!94)!%(\$&4)!
/&!bD(;./.&4;!D%.45!/7(!&4J;./(!' .;./L!

!

@%L!F7944&4! : &* .4; &4E!# ; ;&8.9/(!=.8(!Q%(;.) (4/!6&%! : (;(9%87!94)!T_(8D/. ' (!@.% (8/&%!&6!/7(!
>@A! : (;(9%87!Z&D4)9/.&4E!59' (!94!&' (%' .(B!&6!7&B!/7(!D4. ' (%;./+!D;(;!/7(!: (;(9%87!
Z&D4)9/.&4!/!&!;D* - ./!\$%&\$&;9?;!&4!*(79?6!&6!/7(!D4. ' (%;./+!94)!988(\$;/94)!9) - .4.;/(%;!9B9%);L!

!

@%L!N&74!PD44(%+E!# ; ;&8.9/(!=.8(!Q%(;.) (4/!6&%! : (;(9%87E!59' (!9!\$%(;(4/9/.&4!&4!>@Ad;!
;/94).45!.4!/7(! , 9%4(5.(! , ?9; ;.6.89/.&4!94)!\$%&;\$(8/;!6&%!6D/D%(!&D4);!&6!/7(!8?9; ;.6.89/.&4L!

!

C7(! - ((/.45!B9;!9)e&D%4(!9/!KI1H!\$L - L!

!