

!"#" \$%&' (\$
\$
) *+, - +./+ \$!/OO' .O+11\$
2' /3&4' \$5+4+6738/\$
\$
97.' ::\$; ' </(+.\$=+::\$
>1?/+1+\$@1/*' .3/(A\$7B\$C' 113A:*+1/+
D' E(' OF' . \$GHI\$JHKG\$L\$MNH\$E0O0\$

!

"#\$%&#!" #%' () *+!, - . / . 0- /123!
P&F+1\$" *' . (&' \$QKRGJS\$\$

!

455#+!6(7) +!,89- /: . 3!
T8.' '\$%+1<' \$C7.(./ (3\$QKRRUS\$\$
-9!; *5<*+&!!

\$

!

9' 7.6' \$9' .38X/1\$

7<!<(#!G#+<#%[!<(*!^!<(#!) \$%5@!\$S!" #%' () *+W le4B#%*G7+f ' (*\$#@!S%\$B!<(#!BC5*57G#<#@!
#IK#%*#+G#'\$!\$S!H7%*!<\$!<(#!(#7@R!G5C8!5*S#!\$S!7P7+7!*+!<(#!S*%'<! (75S!\$S!<(#!<) #+<*#<(!G#+<C%R9!

W::' 1\$D8+X1!

455#+!6(7) +[!8\$%+!+!-/: . [!&#) !CK!*+!^#) !_ \$%Q!X*<R!7+@!(7' !8##+!\$+!<(#!S7GC5<R!\$S!D#++*+&<\$+!
X\$55#&#!'+!g#%B\$+<!' *+G#!-/. L9!6(7) +!'!<(#!' \$+!\$S! #<*\$%F *5*7B!6(7) +!7+@!
<(#!8%\$<(#%!\$S!7G<\$%7+@!K57R) %& (<!F 7557G#!6(7) +9!?!#!%#G#*P#@!7!87G(#5\$%W !@#&%##!S%\$B!
?7%P7%@!h+*P#%*'<R!7+@!' <C@*#@!' +!V%7+G#!) *(<!G\$BK\$' #%[!G\$+@CG<\$%[!7+@!<#7G(#%!^7@*7!
D\$C57+&#%9!6(7) +W !BC'*G75!\$C<KC<!' +G5C@#!'!7!@>\$+!\$%G(#' <%75!) \$%Q' !7+@!G\$+G#%<\$' a!<(%##!
G(7B8#%\$K#%7' a!7+@!7!57%&#!G7<75\$&C#!\$S!G(7B8#%\$BC'*G[!' \$+&' [!G(\$%75!BC'*G[!K*7+!\$BC'*G[!7+@!
BC'*G!S%\$!8755#<!7+@!<(#7<#%9!!

!
6(7) +!K#%\$%B' !S%#<C#<5R!7' !7!K*7+*!<7+@!'!<(#!7C<(\$%\$S!7%<*G5#' !S%\$<(#!A M !
L M !7+@!F F !?#!(7'!) %<<#<+!<(%##!8\$Q'!
<*<5#@!A J !,=EE=3[! IC B !,=EE23[!7+@! !,=E--3!7+@!'!
GC%#<5R!) \$%Q*+&!\$+!7!8\$Q!78\$C<!; #>+7%@!D#%+ '<#*+9!V\$%(*' !G\$BK\$' *<\$+ '[!6(7) +!(7'!
%#G#*P#@!7!' \$@@7%@!; *#8#%' \$+!4) 7%@!7+@!7+!4G7@#BR!4) 7%@!' +\ C' *G!S%\$B!<(#!4B#%*G7+!
4G7@#BR!\$S!4%<' !7+@!; #<<#%' 9!!
! !

BC' *G!S%\$B!7+!#7%5R!7&#(!) %* < +&! (*' !S%' <!K*#G#!7<!7&#!' #P#+!7+@!7<<#BK<*&! (*' !S%' <!K#%7!7<!7&#!
<#+9!4<!7&#!-: [!D7%8#%##+<#%#@!<(#!XC%<*! !0+ '<*<C<#!\$S!\ C' *G!*+!H(*57@#5K(*7!) (#%#!(#!' <C@*#@!
P\$*G#[!K*7+\$[!7+@!G\$BK\$' * < *\$+9!4<!XC%<*! !!(#!B#<!'' *7+!X7%5\$!\ #+\$<<*) * < (!) (\$B!(#!S%\$B#@!7!
5*\$#5\$+&!K#%' \$+75!7+@!K%\$S#'' '\$+75!%#57<*\$+' (*K9!
!

0+!(** !=E' [!D7%8#%#) %\$<#7!57%&#!+CB8#%#S!G\$BK\$' * < *\$+ ' !57C+G(*+&! (*B!<\$!<(#!S%#S\$+<!S!<(#!
G57'' *G75!BC' *G!) \$%5@9!F *@#5R!@*' < *+&C*' (#@!S%#% (*!&\$%#&#C' !B#5\$@*#' !G\$BK\$' #@!'+!7!%B7+<*G!
P#*+[(** !B\$' <!%#G\$&+*>785#!7+@!8#5\$P#@!G\$BK\$' * < *\$+[!A) 7'!) %<<#+!) (#+!(#!
) 7' !=. !7+@!) 7' !K%#B*#%#@!8R!<(#!^DX!6RBK(\$+R!U%G(#' <%7!C+@#%#<(#!87<\$+!\$S!4%<C%\$!
J\$'G7+*+*!+!-/1. 9!
!

D7%8#%#) 7' !<(#!%#G*K*#+<!\$S!+CB#%#C' !7) 7%@' !7+@!K%>#! !P#%#((*' !5*S#<*B#!'+G5C@*+&!<(#!
4B#%#G7+!H%# !I@#!Z\$B#!7+@!<) \$!HC5*>#%# !7+@!#5#G<*\$+!<\$!<(#!4B#%#G7+!4G7@#BR!\$S!4%<'!7+@!
;#<<#%' 9!?'#!@*#@!\$S!G7+G#%#'+!-/ . -!*+!^#) !_%Q!X<R!7+@!) 7' !8C%#*#@!'+!(** !(\$B#<\$) +!\$S!F #' <!
X(#' <#%#!
!

; 7'' (%)%8*9&' =>80?&, -. @-1&
X\$BK\$' #@!'+!-/L-! ** !\$+#!\$S!D7%8#%#W !P#%R!S#) !) %Q' !<(7<!G\$C5@!8#!G\$+' *@#%#@!5*&(<!*+!
' <R5#[!\$%#%#S#%#%#@!<\$!7' !e' 75\$+f!BC' *G!J (*' !C* <#(!) %* <<#+!S%#K*7+\$!S\$C%0(7+@' [!) 7' !G\$BK\$' #@!7<!

! L!0!?#'*<7<*\$+0<7+&\$!0!4!D#@%\$B!4SS7*%!
! M!0!" 75\$K0G\$@7!0!755!<(#!&C#' '<'!P**' <!(#!8#7G(!S\$%7!d\$55R!&\$@!7S<#%+ \$\$+!, 13!
\$

>67.\$D(.+*/134A\$

ZC' '*7+08\$%+!4B#%*G7+!G\$BK\$' #%!0&\$%6<%7P*+' QR!, - . . =0- /2-3!*!) *@#5R!%#G\$&+*>#@!7' !\$+#!\$S!<(#!
B\$' <!*BK\$%<7+<!7+@!*+S5C#+<*75!G\$BK\$' #%' !\$S!<(#!=E<!(G#+<C%R9!J (#!' \$+!\$S!7!@*' <*&C*' (#@!
ZC' '*7+!' *+&#%[!6<%7P*+' QR!' K#+<!('*!#7%5R!R#7%!'+!ZC' '*7[!#<(#%!'+!6<9!H#<#%' 8C%&!\$%7<!(#!

<(*!K*7+\$!S\$C%0(7+@'!P#%'*\$+!<(7<! ! !) 7'!S*'<!KC85*' (#@!*+!-/-19!J(#!\$%G(#'<%75!
'G\$%#!) 7'!+\$<!KC85*' (#@!C+<*5!-/-[!' \$!<(#!K*7+\$!S\$C%0(7+@'!7%7+&#B#+<!) 7'!<(#!K%#@\$B*+7+<!
P#%'*\$+!8R!) (*G(!<(#!K*#G#!&7*+#@!KC85*G!#IK\$'C%#9!!

!

J(#!*+*<75!%#7@+&!\$S! 8R!6<%7P*+'QR!7+@!Y#8C''R!5#S<!7!57'<+&!BK%#''*\$+!\$+!
<(#!<) \$!G\$BK\$'##'!7+@!;\$C**!;75\$R9!;75\$R!%#G75'!leF(#+<(#R!(7@!S*+' (#@[!<(#%#!) 7'!+\$!
cC# '<*\$+!\$S!#B8%7G*+&[!+\$%#P#+!G\$BK5*B#+<'9!F#!) ###!'5#+<[!\$P#%) (#5B#@!8R!<('*!(C%*G7+#!
<(7<!(7@!G\$B#!S%\$B!<(#!@#K<('!\$S!<(#!7&#!'!7+@!<\$%+!CK!\$C%#5\$#!8R!<(#!%\$<'n!oA%G!F75<#%!
F(*#k!6<%7P*+'QR!7+@!Y#8C''Rp9!_#7%!57<#%[!6<%7P*+'QR!7KK7%#+<5R!%#G75#@!<(#!\$GG7'*\$+!7+@!
'7*@!<(7<!) (7<!(7@!*BK%#''#@!(*B!B\$'<!7<!<(#!<*B#!) 7'!Y#8C''Rb'!8%55*7+<!K*7+\$!K57R*+&9!0+!7!