! ! "#$%$!&'()$!!
! * + ,!-./001-./2031455*6!-780!!
! ! 9#$%$:;'()$<=>(>#'?>:@?A!
BC$)!$)!%C@!D@)%!E'F!%>!=>G%'=%!H@:!!IJ!F>A!?>!G>%!K@%!'!#@9(F!
E$%C$G!.L!C>A#)31 9(@')@!'))AH@!I!?$?!G>%!K@%!F>A!@H'$(!'G?!
#@)@G?!$%:!!!
!
!!! ! MNO6!P0Q!!
! *>G?'F!-/001./00!9H3!+@?G@)?'F!-0/L21--/L2!'H3!'G?!DF!
'99>$G%H@G%:!!
!
! BC@!=>A#)@!E@D)$%@!$)!'==@))@?!%C#>AKC!R@)$#@.S@'#G3!EC@#@!
F>A!E$((!J$G?!'((!#@('%@?!=>A#)@!H'%@#$'():!!!
!

M=>G>H$=)!$)!'G!@T%#@H@(F!H'%C@H'%$='(!?$)=$9($G@:!!BC$)!=>A#)@!'G?!%C@!J>((>E$GK!
=>A#)@!UMNO6!-088V!'#@!?@)$KG@?!%>!K@%!'((!)%A?@G%)!$G%@#@)%@?!$G!M=>G>H$=)!%>!K@%!
E@((!'=WA'$G%@?!E$%C!*'%C@H'%$='(!%>>()!G@=@))'#F!J>#!)A==@))!$G!M=>G>H$=)!
=>A#)@):!!X@@!%@G%'%$Y@!)=C@?A(@!J>#!%>9$=)!=>Y@#@?!$G!%C$)!=>A#)@:!!!
!

Z>A!='G!@T9@=%!H@!%>!?>!HF!D@)%!%>!C@(9!F>A!)A==@@?!$G!%C$)!=>A#)@:!!I!E$((!%#F!HF!
D@)%!%>!'G)E@#!'((!WA@)%$>G)39#>Y$?@!9#'=%$=@!H'%@#$'(39#>Y$?@!'99($='%$>G)!>J!%C@!
H'%@#$'(!'G?!@G=>A#'K@!'=%$Y@!%C>AKC%!$G!%C@!=(''))#>>H:!!Z>A!H'F!@T9@=%!H@!%>!D@!
#@)9@=%JA(!'G?!9#>J@))$>G'(!'%!'((!%$H@)!DF!'##YGK!>G!%$H@3!)$(@G=$GK!HF!9C>G@3!
#@)@#Y$GK!9@#)>G'(!=>GY@#)'%$>G!J>#!D@J>#@!'G?!'J%@#!=(''))3!'G?!D@$GK!=>A#%@>A)!E$%C!
@Y@#F>G@:!!!
!
I!@T9@=%!F>A!%';@!%C@!=(''))!)@#$>A)(F!'G?!%>!')!WA@)%$>G)!EC@G!)>H@%C$GK!$)!AG=(@'#!
'G?!'=%$Y@(F!9'#%$=$9'%@!%>!C@(9!A)!'((!AG?@#)%'G?!%C@!H'%@#$'(!D@%%@#:!!I!'()>!@T9@=%!
F>A!%>!D@!#@)9@=%JA(!'G?!9#>J@))$>G'(!'%!'((!%$H@)!DF!'##YGK!>G!%$H@3!)$(@G=$GK!F>A#!
9C>G@3!#@)@#Y$GK!9@#)>G'(!=>GY@#)'%$>G!J>#!D@J>#@!'G?!'J%@#!=(''))3!'G?!D@$GK!
=>A#%@>A)!E$%C!@Y@#F>G@:!!!
!

H'%@#$'(:!!B>!@G=>A#'K@!9#'=%$=@!'G?!=>H9(@%$>G!>J!C>H@E>#;!'))$KGH@G%)3!%C@#@!
E$((!D@!)@Y@#'(!WA$\\@)!'G?!%@)%)!$G!%C$)!=>A#)@:!!
!

M))@G%$'(!* '%C@H'%$=)!J>#!M=>G>H$=![G'(F)$)3!P#?!@?$%$>G3!DF!&GA%!XF?)'%@#3!'G?!
"@%@#!4'HH>G?!$)!#@WA$#@?:!!M=>G>H$=)!-088!A)@)!%C@!)'H@!%@T%D>>;:!BC$)!$)!'!Y@#F!
K>>?!#@J@#@G=@!D>>;3!EC$=C!F>A!H'F!A)@!$G!%C@!JA%A#@!%>!#@J#@)C!F>A#!;G>E(@?K@!>J!

! ! * $?%@#H!.! + @?G@)?'F3!6>Y@HD@#!-L%C!!
BC@)@!@T'H)!E$((!D@!C@(?!?A#$GK!%C@!G>#H'(!=('))!%$H@:!!!
! !
 ! ! ! ! BA@)?'F3!R@=@HD@#!-8%C!a/P0!1!-0/00!9:H:!!!
BC@!J$G'(!@T'H!E$((!D@!=AHA('%$Y@!'G?!='GG>%!D@!?#>99@?!J>#!'GF!#@')>G:!
!

IJ!F>A!C'Y@!%C#@@!>#!H>#@!J$G'(!@T'H)!)=C@?A(@?!>G!%C@!)'H@!?'F3!F>A!'#@!@G%$%(@?!%>!
'##'GK@!'G!'(%@#G'%$Y@!@T'H!%$H@!J>#!%C@!(')%!@T'H!>#!@T'H)!)=C@?A(@?!>G!%C'%!?'F:!
B>!WA'($JF!J>#!#@)=C@?A($GK!J$G'(!@T'H!%$H@)3!F>A!HA)%!9#>Y$?@!@Y$?@G=@!%C'%!F>A!

O=%:!8%C! L: f3!L: - 03!2: - !! MT9>G@G%$ ' (! , AG=%$>G)3!S>K ' #$%CH$=! , AG=%$>G)3!XC$J%$GK!e# ' 9C)!! !

R$) ' D$($%F!X@#Y$=@)k!(@%%@#)!J>#!)%A?@G%)!E$%C!?$) ' D$($%$@)!$G?$= ' %@!(@K ' ((F!H ' G? ' %@?!
#@ ')>G ' D(@! ' ==>HH>? ' %$>G):!BC@!)F((' DA)!)% ' %@H@G%)! ' G?! ' G)E@#)!%>! , #@WA@G%(F!
[ ) ; @?! ` A@)%$>G)!= ' G!D@!J>AG?! ' %!C%%9/ggEEE:=>(>#' ?>:@?Ag?$) ' D$($%F)@#Y$=@):!
!

!
N ' H9A)!9>($=F!#@K ' #?$GK!#@(K>A)!>D)@#Y ' G=@)!#@WA$#@)!%C ' %!J ' =A(%F!H ' ; @!@Y@#F!
@JJ>#%!%>!?@ ' (!#@ ')>G ' D(F! ' G?!J ' $#(F!E$%C! ' ((!)%A?@G%)!EC>3!D@= ' A)@!>J!#@(K>A)!

IGJ>#H'%$>G!'D>A%!%C@!OR43!%C@!'D>Y@!#@J@#@G=@?!9>($=$@)3!'G?!%C@!='H9A)!
#@)>A#=@)!'Y'$('D(@!%>!'))$)%!$G?$Y$?A'()!#@K'#?$GK!?$)=#$H$G'%$>G!>#!C'#'))H@G%!='G!
D@!>D%'$G@?!'%!C%%9/ggEEE:=>(>#'?>:@?Ag>?C:!
!

!
[((!)%A?@G%)!>J!%C@!5G$Y@#)$%F!>J!N>(>#'?>!'%!7>A(?@#!'#@!#@)9>G)$D(@!J>#!;G>E$GK!
'G?!'?C@#$GK!%>!%C@!'='?@H$=!$G%@K#$%F!9>($=F!>J!%C$)!$G)%$%A%$>G:!d$>('%$>G)!>J!%C$)!
9>($=F!H'F!$G=(A?@/!=C@'%$GK3!9('K$'#$)H3!'$?!>J!'='?@H$=!?$)C>G@)%F3!J'D#$='%$>G3!
(F$GK3!D#$D@#F3!'G?!%C#@'%@G$GK!D@C'Y$>#:![((!$G=$?@G%)!>J!'='?@H$=!H$)=>G?A=%!)C'((!
D@!#@9>#%@?!%>!%C@!4>G>#!N>?@!N>AG=$(!UC>G>#<=>(>#'?>:@?A0!P0P1aP21..aPV:!
X%A?@G%)!EC>!'#@!J>AG?!%>!D@!$G!Y$>('%$>G!>J!%C@!'='?@H$=!$G%@K#$%F!9>($=F!E$((!D@!
)ADh@=%!%>!D>%C!'='?@H$=!)'G=%$>G)!J#>H!%C@!J'=A(%F!H@HD@#!'G?!G>G1'='?@H$=!
)'G=%$>G)!U$G=(A?$GK!DA%!G>%!($H$%@?!%>!AG$Y@#)$%F!9#>D'%$>G3!)A)9@G)$>G3!>#!
@T9A()$>GV:!O%C@#!$GJ>#H'%$>G!>G!%C@!4>G>#!N>?@!='G!D@!J>AG?!'%!
C%%9/ggEEE:=>(>#'?>:@?Ag9>($=$@)gC>G>#:C%H(!'G?!'%!
C%%9/ggEEE:=>(>#'?>:@?Ag'='?@H$=)gC>G>#=>?@g:!

!
!