"

!"#"$%$&"'()"'*$'+$,-(./0'12'3),4-5 '

'

'

6)'7458'7#4/#'7/0*#/.9' '

:%(#55#;149'

<$4%#&$&"'+$,4$5$&"#"/=$'12"'*$'+$,-(./0'12'3),4-5"'1"'*$'>?' '

!

!

!

#"""*$'!/@"'*'31%%/""$$

'

1&'#A$&;#'/"$%'BCD'+$,14"'12"'*$'E&"$4&#"/1&#.'F#G'31%%/55/1&

'

'

" #$"%&!'()*%+,%#-/!!!

!

! "# $%&%'()*+,# -*./%.#)+# 0+1 1%,)# +,# 2/(3)%4# 56# 7%(8&%9%&# 4*.%# *,# 4%&()*+,#)+#*,)%4,()*+,(&#&(-:#;*4.)&"<#-%#-+=&$#&*>%#)+#)/(,>#)/%#2+82/(*4.#+?#)/%#7)=$"#@4+=3#+,#.%(8&%9%&#4*.%#*,#4%&()*+,#)+#*,)%4,()*+,(&#&(-<#!.:#@(&9A+#B%&%.#(,$#!4:#C=$(#7(,)+&(4*(<#?+4#)/%#34%3(4()*+,#+?#)/%#($$*)*+,(&#3(3%4#DEF2G:HFIIHJ<#)+#)/%#.%0+,$#*..=%.83(3%4<#(,$#)/%#.%&%0)%$#K*K&*+'4(3/"#DEF2G:HFIIHFE$$:LJ<#+,#*..=%.#4%&()%$#)+#.)()%/++$#(,$#)+#)/%#34+)%0)*+,#+?#3%4.+,.#(??%0)%$#K"#.%(8&%9%&#4*.%<#(.#-%&&#(.#?+4#)/%*4#4%1(4>.#(,$#34+3+.(&.#)/()#-%4%#*,0&=$%$#*,#)/%#2+1 1*..*+,M.#4%3+4):#2"34=.#(&*',.#*).%&?#-*)/#)/%#.)()%1%,)#1($%#K"#)/%#N=4+3%(,#O,*+,#(,$#*).#!%1K%4#7)()%.#(,$#-*./%.#)+#1(>%#)/%#?+&&+-*,'#3+*,).#*,#4%&()*+,#)+#)/%#($$*)*+,(&#3(3%4#)+#)/%#.%0+,$#*..=%.#3(3%4<#(.#-%&&#(.#)/%#)-+#*..=%.#3(3%4.#(,$#)/%#($$*)*+,(&#3(3%4#)+#)/%#?*4.)#*..=%.#3(3%4#-/*0/#-%4%#34%.%,)%$#K"#)/%#2+82/(*4.#+?#)/%#7)=$"#@4+=3#*,#)/%#34%9*+=.#"%(4.6#

#

2"34=.<#(.#(,#*.&(,$#7)()%<#$*4%0)&"#%P3%4*%,0%.#)/%#%??%0).#+?#0&*1()%8*,$=0%$#.%(8&%9%&#4*.%#(,$#4%0+',*Q%.#)/%#'4(9*)"#+?#*).#.%9%4%#0+,.%R=%,0%.#+,#(#,=1K%4#+?#7)()%.#(4+=,$#)/%#'&+K%<#(&4%($"#+K.%49(K&%#(,$#(00%&%4()*,':#B/*.#3/%,+1%,+,#$*4%0)&"#)/4%()%,.#)/%#&*9%&*/++$#+?#7)()%.#(??%0)%$<#%.3%0*(&&"#&+-8&"*,'#0+(.)(&#7)()%.<#(40/*3%&('*0#7)()%.<#.1(&&#*.&(,$#7)()%.#(,$#.1(&&#*.&(,$#$%9%&+3*,'#7)()%.<#)/%#&(,$#

2"34=.#(334%0*()%.#)/%#-+4>#+?#)/%#TU2#7)=$"#@4+=3#)+#34+9*$%#&%'(&#0&(4*?*0()*+,.#(.#

.%(<# +,0%# $%&*,%()%$#)/%# +=)%4# &*1*)# +?#)/%# 0+,)*,%,)(&# ./%&?# 4%1(*,.# 3%41(,%,)#
4%'(4$&%..# +?# (,"# 0/(,'%#)+#)/%# &(,$#)+# -/*0/#*)# -(.# 0+,,%0)%$<# (,$# 1(4*)*1%#
K+=,$(4*%.#(4%#,+)#(??%0)%$#K"#)/%#.=00%..?=&#*,9+0()*+,#+?#(#?=,$(1%,)(&#0/(,'%#+?#
0*40=1.)(,0%.<#*,#(00+4$(,0%#-*)/#E4)*0&%#bd#+?#)/%#a*%,,(#2+,9%,)*+,#+,#)/%#U(-#+?#
B4%()*%.:#

#

2"34=.# -+=&$# &*>%#)+# 0(=)*+,#)/%# 2+11*..*+,<# /+-%9%4<#)/()#)/%# 4%?%4%,0%#*,#
3(4('4(3/#Xee#+?#)/%#TU2#C%3+4)#)+#E4)*0&%#LdL#+?#)/%#OG2UV7#./+=&$#K%#&*1*)%$#
.)4*0)&"#K"#-("#+?#.=K.)(,)*()*+,#0+,0%4,*,'#)/%#.)()=.#+?#(#)%44*)+4"#"#!$%&&'$(&)!(*!"!
+$"$%<#,(1%&"#)/()#4+0>.#-/*0/#0(,,+)#,+)#.=.)(*,#/=1(,#/(K*)()*+,#+4#%0+,+1*0#&*?%#
+?#)/%*4#+-,#$+#.)*&&#'%,%4()%#)%44*)+4*(&#.%(:#f+-%9%4<#)/%#2+11*..*+,#./+=&$#K%#9%4"#
0(4%?=&#*,#$4(-*,'#(,"#0+,0&=.*+,.#-/*0/#-+=&$#3=)#*,)+#R=%.)*+,#)/%#&%'(&#1%(,*,'#
+?#E4)*0&%#LdL#+?#OG2UV7<#(00+4$*,'#)+#-/*0/#(#)%44*)+4"#-/*0/#-+=&$#+)/%4-*.%#,+)#
R=(&*?"#(.#(,#*.&(,$_#-*)/*,#)/%#1%(,*,'#+?#)/*.#E4)*0&%#1("#,+)#K%#0+,.*$%4%$#(.#
.=0/#K"#-("#+?#%P)%,$%$#0+,.)4=0)*+,#(,$#+)/%4#)%0/,+&+'*0(&#(33&*0()*+,.:#2"34=.<#
)/=.<#$+%.#,+)#('4%%#)/()#E4)*0&%#LdL#-+=&$#K%#(#=.%?=&#'=*$%#0+,0%4,*,'#`=.)*?*0()*+,#
+?#)/%#0+,)*,=*)"#+?#.)()%/++$:#

#

;=4)/%41+4%<#-*)/#4%'(4$#)+#)/%#4*'/)#+?#.%&?8$%)%41*,()*+,<#)/%#2+11*..*+,#./+=&$#
>%%3#*,#1*,$#(,$#(*1#)+#34%.%49%#)/%#.3%0*(&#/*.)+4*0(&#(,$#&%'(&#0+,)%P).#+?#)/%#4*'/)#
+?#.%&?8$%)%41*,()*+,#=,$%4#*,)%4,()*+,(&#&(-<#(,$#*,#3(4)*0=&(4#)/()#)/%#34*,0*3&%#+?#
.%&?8$%)%41*,()*+,#K%0(1%#(#34*,0*3&%#+?#*,)%4,()*+,(&#&(-#*,#)/%#0+=4.%#+?#)/%#
$%0+&+,*Q()*+,#1+9%1%,)<#(,$#/(.#(&-("#.#K%%,#(33&*%$#)+#.*)=()*+,.#+?#0+&+,*(&#4=&%#
+4#?+4%*',#+00=3()*+,:#

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2"34=.# 4%*)%4()%.# *).# 3+.*)*+,#)/ ()#)/%# 7)=$"# @4+=3# /(.# ,+# 1(,$()%#)+# 34+3+.%# 1+$*?*0()*+,.#)+#%P*.)*,'#*,)%4,()*+,(&#&(-<#*,0&=$*,'#8#*,#4%&()*+,#)+#)/%#&(-#+?#)/%#.%(#8#)/%#0=.)+1(4"#,()=4%#+?#)/%#O,*)%$#G()*+,.#2+,9%,)*+,#+,#)/%#U(-#+?#)/%#7%(#(,$#*,#3(4)*0=&(4#+,#)/%#4%'*1%#+?#)/%#*.&(,$.:#2"34=.#4%?%4.#)+#*).#34%9*+=.#7)()%1%,).#*,#4%&()*+,#)+#)/%#?*4.)#*..=%.#3(3%4#(,$#)/%#($$*)*+,(&#3(3%4#)+#)/%#?*4.)#*..=%.#3(3%4:#Z%#0(,,+)#+9%4.)()%#)/%#*,$*.3%,.(K*&*)"#+?#?=&&"#4%.3%0)*,'#OG2UV7#*,#0+,$=0)*,'#)/*.#-+4>#(,$#+?#%,.=4*,'#?=&&#0+13&*(,0%#-*)/#)/%#2+,9%,)*+,:#T,#)/()#4%'(4$<#-%#%13/(.*Q%#)/%#0%,)4(&#4+&%#+?#)/%#OG2UV7#(,$#)/%#,%%$#)+#34%.%49%#*).#*,)%'4*)"#(,$#-+=&$#(&.+#&*>%#)+#0(=)*+,#)/()#(,"#*,)%4334%)()*+,#+?#)/%#(33&*0(K&%#4=&%.#+?#*,)%4,()*+,(&#&(-#.//+=&$#K%#1($%#*,#0+,?+41*)"#-*)/#(,$#*,#?=&&#4%.3%0)#+?#)/%#&%))%4#(,$#.3*4*)#+?#OG2UV7:#

#

E.#-%#(&4%($"#1%,)*+,%$<#&%'(&#.)(K*&*)"#*,#4%&()*+,#)+#.%(8&%9%&#4*.%#*.#9*)(&#?+4#)/%#34%.%49()*+,#+?#)/%#4*'/).#+?#7)()%.<#*,0&=$*,'#(.#)+#)/%#34%.%49()*+,#+?#)/%*4#K(.%&*,%.#(,$#1(4*)*1%#Q+,%.:#T,#2"34=.M#9*%-<#OG2UV7#$+%.#,+)#?+4K*$#,+4#%P0&=$%#)/%#?*P*,'#+4#?4%%Q*,'#+?#K(.%&*,%.:#E00+4$*,'&"<#-%#4%*)%4()%#)/()#0+(.)(&#7)()%.#1("#$%.*',()%#3%41(,%,)#K(.%&*,%.#3=4.=(,)#)+#E4)*0&%#Lb#OG2UV7#)+#-*)/.)(,$#(,"#.=K.%R=%,)#4%'4%..*+,#+?#)/%#&+-8-()%4#&*,%#0(=.%$#K"#)/%#0&*1()%8*,$=0%$#.%(8&%9%&#4*.%:##

#

!+4%+9%4<#K(.%&*,%.#1=.)#K%#3%41(,%,)#(,$#,+)#(1K=&()+4"#.+#(.#)+#(0/*%9%#'4%()%4#34%$*0)(K*&*)"#+,#1(4*)*1%#K+=,$(4*%.<#*,#&*,%#-*)/#OG2UV7#(,$#*,)%4,()*+,(&#`=4*.34=$%,0%:#Z%#4%?%4#"+=#)+#)/%#.(1%#+K.%49()*+,.#0+,)(*,%$#*,#)/*.#"%(4M.#C%3+4)#)/()#-%#(&4%($"#1%,)*+,%$<#,(1%&"#)/()#1(4*)*1%#K+=,$(4*%.#(4%#,+)#(??%0)%$#K"#)/%#

! , 6+!7 '&%*+!8!"9-:!24;<+!==!2;<>2;?@!!AB/!CD.!3E.'!)(!CD.!F%EG9/&-+!CDE1!&%H9I./C!E1!/)C!%.-.3&/C#!

#!BC!E1!%&CD.%!'D.CD.%!CD.!JD)EJ.!)(!G&1.!K)E/C1!-)J&C.*!)/!CD.!J)&1C-E/.!&/*!%.(-.JCE/H!CD.!H./.%&-!*E%.JCE)/!)(!CD.!J)&1C!E1!(.&1EG-.!E/!CD.!K%.1./C!J&1.!&/*!&C!CD.!K%.1./C!CEI.!###!

L!,MIKD&1E1!&**.*6#!!!

(33&*0(K*&*)"# +?#)/%# 34*,0*3&%# +?# ?=,$(1%,)(&# 0/(,'%# +?# 0*40= 1 .)(,0%.# D&%,-#! #'.! #$"/$',-#J#%,./4*,%$#*,#E4)*0&%#bd#+?#)/%# a*%,,(#2+,9%,)*+,#+,#)/%#U(-#+?#B4%()*%.:# 2"34=.M#.)()%$#3+.*)*+,#*.#)/()#)/%#%??%0).#+?#4*.*,'#.%(#&%9%&.#+,#K(.%&*,%.#./+=&$#/(9%# ,+#&%'(&#%??%0)#+,#)/%#.)()=.#+?#(#0+,0&=$%$#1(4*)*1%#)4%()":#

#

Z%#-+=&$#&*>%#)+#0+,0&=$%#+=4#*,)%49%,)*+,#K"#0+1 1%,$*,'#)/%#TU2#+,#*).#%P0%&&%,)# -+4>#*,#34+$=0*,'#)/%#)-+#*..=%.#3(3%4.#(.#-%&&#(.#)/%#)-+#($$*)*+,(&#3(3%4.#-/*0/# $%&9%#*,)+#(,#*,8$%3)/#(,(&".*.#+,#)/%#(33&*0(K*&*)"#+?#)/%#4=&%.#(,$#34*,0*3&%.#+?# *,)%4,()*+,(&#&(-#*,#)/%#0+,)%P)#+?#.%(8&%9%&#4*.%:#2"34=.#&++>.#?+4-(4$#)+#)/%#`+*,)# ?*,(&#4%3+4)#+,#)/%#)+3*0<#*,#dgde<#0+,.+&*$()*,'#)/%#-+4>#=,$%4)(>%,#.+#?(4:#

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