)

#$ %0#&!'()#*!" "

4&'!%0-!@'(+#5%-'6!&F%($*$*7!%0-!G$,%$.O5!S??!$5!%0-!$*$%$()!F("$-'!%&!:-':-%'(%$*7!?
'-@+*#!@'(+#M!A*@&'%+*(%-)86!%0$5!$5!'-)(%$G-)8!-(58!$*!%0-!.&#-'*!-'(!(5!@'(+#5%-'5!+5
G('$-%8! &@! %(,%$,5!%(&*! 5+,0! $*@&'.(%$&*6! &*-! '(.:(*%! .-%0&#! F-$*7! %0'&+70!
:0$50$*7!%0'&+70!+*5&)$,$%-#!-.($)5!(*#!%-)-:0&*-!,())5M!2(*%57F'8!&@!:0$50$*7!
5,0-.-5!5(D!@'(+#5%-'5!:&5$*7!(5!(!5-*$&'!,&.:(*8!-9-,+%$G-!&5%-*5$F)8!-.($)$*7!%0-$'!
&D*!:(8'&))!&'!0+.(*!'-5&+ ',-5!#-:('%.-*%6!'-W+-5%$*7!-.:)&8--5O!S??!(*#!%0-$'!D(7-!
(*#!%(9!5%(%-.-*%!$*@&'.(%$&*!@'&.!%0-!-.:)&8--5O!]!5%(%-.-*%5!QfCp6!]^_bRM

C!@+'%0-'!.-%0&#!0(5!5--*!#$50&*-5%!-.:)&8--5!5%-()$*7!S??!@'&.!$*(%(F(5-5!
%0'&+70!%0-$'!-.:)&8.-*%!(*#!%0-

0(G-! 7'(#+())8! F-,&.-! .&'-! (#G(*,-#! %0'&+70&+%! %0-! 8-('56! %0+5! *-,-55$%(%$*7! @'(+#5%-'5!%&!,&*%$*+())8!-G&)G-!(*#!0&*-!%0-$'!,'(@%6!,'-(%$*7!7'(#+())8!.&'-!,&*G$*,$*7! '-%+'*5!-G-8!8-('!Q?=B6!]^_oRM!31C!Q]^_g(R!*&%-#!(*!-9(.:)-!&@!(!.&'-!5&:0$5%$,(%-#! 5,0-.-!D0-'-!,'$.$*()5!+5-!-.:)&8-'!$#-*%$@$,(%$&*!*+.F-'5!%&!@$)-!@'(+#+)-*%!F+5$*-55! %(9!'-%+'*5!(*#!,&*,)+#-#!%0(%!%0-!?=B!.+5%!,&*%$*+-!%&!'-.($*!G$7$)(*%!(*#!F-!*$.F)-! %&!,&+*%(%!-.-'7$*7!#-G-)&:.-*%5!$*!?c1!@'(+#M

10-!%0$'#!5%-:!$*!%0-!@'(+#!$5!%&!&F%($*!%0-!%(9!'-@+*#!@'&.!%0-!?=BM!<&5%!@'(+#5 :'-:($#!#-F$%!,('#5!&'!#$'-,%!#-:&5$%56!D$%0!(!5)$70%!%&&!(*#!5&.-($#!#-F$%!,('#5! (5!%0-5-!,(*!F-!(*&*8.&+5)8!#-:&5$%-#!D$%0&+%!(*8!#$'-,%!%$-!%&!%0-!@'(+#5%-'!QJ0(.F-'5! K!z-$#(*6!]^_`RM!"(')8!&*6!(!@)(D!())&D-#!.+)%$:)-!%(9!'-%+'*5!%&!F-!@$)-#!@'&.!%0-!5(.-! (##'-556!(*#!(,,&'#$*7!%&!1?f1C!Q]^_]R!&G-'!]6^^^!'-%+'*5!D-'-!@$)-#!@'&.!(*!(##'-55! $*!>(*5$*76!<$,0$7(*!(5!D-))!(5!0+*#'-#5!&@!'-%+'*5!F-$*7!@$)-#!@'&.!&%0-'!5:-,$@$,! (##'-55-5M!10(*N@+))86!%0$5!$55+-6!(5!D-))!(5!%0-!$55+-!&@!.+)%$:)-!'-@+*#5!F-$*7!#-:&5$ %&!&*-!(*&*8.&+5!F(*N!(,,&+*%6!D-'-!())-G$(%-#!@&))&D$*7!?=B!(,%$&*M!1(9!'-@+*#5! .+5%!*&D!F-!.(#-!%&!(!F(*N!(,,&+*%!&'!#-F$%!,('#!$*!%0-!%(9:(8-'O5!*(.-!(*#!%0-! *+.F-'!&@!'-@+*#5!:-'.$%%-#!%&!F-!5-*%!%&!(!5$*7)-!5&+',-!$5!)$.$%-#!%&!%0'--6!F+%!%0$ &FG$&+5)8!F--*!$*5+@@$,$-*%!%&!,&.:)-%-)8!:'-G-*%!%0$5!@$*()!5%-:!&@!%0-!@'(+#M

($! %+6-)#*!"+!"+ %-' #-6+7&-('+!4$& #*5$ "

H67 [&*8:!@8#)8!')!5\7\!

c-5:$%-!5&.-!5,'+%$*8!@'&.!?=B!&G-'5$70%!F&#$-5!QE(55-)#$*-6!]^_kR6!%0-!?=B!D(5!5)&D %&!:+F)$,)8!%'-(%!?c1!%(9!'-@+*#!@'(+#!(5!(!.(P&'!$55+-!(*#!#$#!*&%!$*,)+#-!$%!$*!%0-!S bc$'%8!c&H-9)$5%!&@!5,(.5!+*%$)!]^_]M!3&%D$%05%(*#$*7!%0-!8-('56!%0-!?=B!0(5! #-G-)&:-#!%0-$'!%-,0*$W+-56!(#.$*$5%'(%$G-!F&#$-56!(*#!:'&,-#+'()!585%-.5!@&'!#-()$*7! D$%0!%0-!@'(+#M

?*!]^^k6!%0-!?=B!&@@$,$())8!-5%(F)$50-#!%0-!?#-*%$%8!10-@%!S'&7'(.!p@@$,-6!)(%-'!,'-(%0-!S'$G(,86!?*@&'.(%$&*!S'&%-,%$&*6!(*#!c(%(!@$)$%8!%0-!?#-*%$%8!10-@%!(*#! ?*,$#-*%!<(*(7-.-*%!&@@$,-!D$%0!(*!(,,&.:(*8$*7!C#G$5&'8!J&..$%%--!$*!]^^g! Q31C6!]^^gRM!?*!]^^o6!%0-!?=B!F-7(*!.('N$*7!%(9:(8-'5O!(,,&+*%5!D$%0$*!%0-$'!#(%(F(5-! $@!%(9:(8-'5!0(#!F--*!G$,%$.5!&@!%0$5!@'(+#6!%0-'-@&'-!(,,&'#$*7!%&!,&#$*7!%0-.!$*!%0-$ %&!(55$5%!%(9:(8-'5!(,'&55!G('$&+5!#$G$5$&*5M!10-8!()5&!-5%(F)$50-#!%0-!?#-*%$%8!S'& B:-,$()$H-#!A*$%!%&!0-):!%(9:(8-'5!D0&!0(#!F--*!G$,%$.5!(5!D-))!(5!(!(8!%&!0-)$-!

H65 [&*8:!5\7\!] !5\7I !

10-!?=B!$*,'-(5-#!%0-$'!-@@&'%5!(7($*5%!?c1!%(9!'-@+*#!@'(+#!$*!%0-!8-('5!%0'&+70!]^_q ?*!]^_^!%0-8!$.:)-.-*%-#!%0-!")-,%'&*$,!4'(+#!c-%-,%$&*!B85%-.6!5%$))!$*!:)(,-!%&!5&.-! -9%-*%!%&!%0$5!#(8M!10-!585%-.!D(5!(!.&'-!#-G-)&:-#!@&'.!&@!%0-!@$)-%-#5!%0(%!D-'- :'-G$&+5)86!(5!$%!D&+)#!5*'()%&+'*5!F&%0!F(5-#!&*!(!5-'$-5!&@!7-*-'()!@$)%-'5!(*#!F(5-#! &*!:'$&'!8-('!'-%+'*5M!15%&'-5O%(9!'-%+'*5!(*#!#-%-'.$*-5!(!:'&F(F$)$%8!&@!%0-.!F-$*7! @'(+#+)-*%6!D$%0!%0&5-!5,&'$*7!(F&G-!(!,-'%($*!Q+*#$5,)&5+#R$*7!5%FP-,%!%&! @+'%0-'!5,'--*$*7!(*#!-9%'-.-)8!0$70!5,&'-5!F-$*7!%'-(%-#!(5!@'(+#+)-*%!(+%&.(%$,())8! Q1?f1C6!]^_^R!M!

?*!]^__6! ?=B! ,'-(%-#! %0-! "*0(*,-#! =-%+'*! S'&,-55$*7! :'&7'(.! D0$,0! 5&+70%! %&! ,&&'#$*(%-!-@@&'%5!%0'&+70&+%!%0-!G('$&+5!?=B!1C!Q$5_$&R5!&%-#!%0(%!]o! #$@@-'-*%! 5+F+*$%5! D-'-! $*G&)G-#! $*! (,%$G$%$-5! '-7('#$*7! $#-*%$%8! %0-@%M! S(:'&7'(.!D(5!(*!$*$%$(%$G-!%0(%!5&+70%!%&!W+-))!%0-!*+.F-'!&@!@'(+#+)-*%!'-%+'*5!F-$ @$)-#!D$%0!#-,-(5-#!$*#$G$#+()5O!$*@&'.(%$&*M!10$5!D(5!$*!:('%!F8!P&$*%! D&'N!D$%0!%0-!B&,$()!B-,+'$%8!C#.$*$5%'(%$&*!%&!F-7$*!.('N$*7!%0-!?=B!(,,&+*%5!& #-,-(5-#!$*#$G$#+()5!(*#!F8!:+%%$*7!:'-55+'-!&*!D-F5$%-5!5+,0!(5!C*,-5%'8M,&.!%&!,-(5-!

8U$);*2%&$'&123&P8>82;"#

?*!]^_I! %0-! B-,+'$%8! B+..$%! -5%(F)$50-#! (##$%$&*()! D&'N! 7'&+:5M! B-G-'()! :'&7'(.5!

$! + $%3!"%$+7&!5+!4$&%*1,#+-1$")$%+-"'+!#,$&+!(#)!5$% "

I67! PC3!)<&8:#F.'!*F&$%!#&:

C5!*&%-#!$*!,%$&`M]6!fCp!Q]^_]R!:+F)$50-#!(*!(+#$%!&*!-)-,%'&*$,!@$)$*7!@'(+#!D0-*! %0-!AB!%(9!585%-.!D(5!@$'5%!5%('%$*7!%&!-9:-'$-*,-!.(P&'!:'&F)-.5!(*#!%0-!(.&+*%!&@! '-@+*#! @'(+#! D(5! $*! %0-! .$))$&*5! '(%0-'! %0(*! F$))$&*5! Q3$7'$*$! K! S-%-'56!]^_oRM C##$%$&*())86!31C!Q]^&R!@'(%+'-#!%0$5!.-%0&#!&@!@'(+#!(5!&*!b&5%!%5$&+5! :'&F)-.5 O(*#!*&%-#!%0(%!%0-'-!D(5!(*!(##$%$&*()!1?f1C!'-:&'%!&*!$#-*%$%8!%0-@%!%0 (55-'%-#!%0-!?=B!0(#!*&!,&*,'-%-!,&':&'(%-!5%'(%-78!$*!:)(,-!%&!(##'-55!%0-!7'&D$*7! ,&*,-'*!&@!%0-!@'(!+#M

10-!31C!(*#!1?f1C!F&%0!(##'-55-#!%0-!:'&F)-.!(7($*!$*!]^^g!(*#!@&+*#!%0(%!%0-'-! 0(#!F--*!(!`alt!$*,'-(5-!$*!%0-!%&%()!*+.F-'!&@!,&.:)($*%5!#$'-,%-#!%&!%0-!4-#-'()! 1'(#-!J&..55&*6!D0$,0!D(5!%0-!&*)8!(G($)(F)-!$*#$,(%&'!&@!%0-!:'&F)-.6!7$G-*!%0(%! %0-!?=B!(0!*&%!8-%!F-7+*!,)&5-)8!.&*$%&'$*7!?c1!@'(+#!(%!%0-!%$.-!Q31C6!]^^gi! 1?f1C6!]^^gRM!10-!:'&F)-.!%0-*!D&'5-*-#!D$%0!fCp!Q]^__R!*&%$*7!%0(%!%0-!%&%()! *+.F-'!&@!$*,$#-*%5!&@!2-%(0-#!?c1!*-(')8!W+$*%+:)-#!@'&.!]^20_^!7'&D$*7!@'&.! k_6g^]!%&!]qo6`kg!,(5-5M!pG-'())6!5$*,-!]^^k!%0-!:'&F)-.!D&'5-*-#6!7$G-*!$%!D(5! ,&*5$5%-*%)8!)$5%-#!(5!&*-!&@!%0-!15!1C5-5$&+5!:'&F)-.!6Q()%0&+70!*&%!$*!]^^l6!]^_^6!&'!]^_qR6!)-(#$*7!%&!$*,'-(5-#!?=B!(,%$&*M ($) -1 (*,')1 (5) -2 (%) -2 -5

Q_!R 10-!?=B!.+5%!,'-(%-!(!:'&7'(.!$*!D0$,0!%(9:(8-'56!,&*,-'*-#!%0(%!%0-8!.(8!F-! (! G$,%$.! &@! $#-*%$%8! %0-@%6! ,(*! '-W+%$%8(*!S?&%-,%$&*! S-'5&*()! ?#-*%$@$,(%$&*!3+.F-'!Q?S!S?3R!%&!@$)-!5%(%$&*!]^^kQRM

Q]!R 10-!?=B!.+5%!-5%(F)$50!(!5$*7)-!:&$*%!&@!,&*%(,%!@&'!%(9:(8-'5!D0&!('-!(!G$,%$.!&@!$#-*%$%8!%0-@%M!10-!5$*7)-!:&$*%!&@!,&*%(,%!50())!%'(,N!%0-!%(9:(8-'O5 ,&.:)-%$&*!(*#!,&&'#$*(%-!D$%0!&%0-'!?=B!-.:)&8--5!%&!'-5&)G-!%0-!,(5-!(5! W+$,N)8!(5!:&55$F)-!Q5-,%$&*!]^^lRM

Q`!R 10-! ?=B! .+5%! *&%$@8! %(9:(8-'5! D0-*! %0-! ?=B! #-%-'.$*-5! &'! 5+5:-,%5!

10-!.&5%!-@@-,%$G-6!F+%!()5&!.&5%!,&*%'&G-'5$()!%(,%$,!&@!,&.F(%$*7!?c1!%(9!'-@+*#
D&+)#!F-!%&!#-)(8!%0-!%(9!@$)$*7!5-(5&*!&'!'-@+*#!$55+(*,-5M!10$5!D&+)#!())&D!%0-!?=
%&!@+))8!.(%,0!'-%+'*!#(%(!D$%0!4&!(!L#!7$G-!%(9:(8-5!.&'-!%$.-!%&!'-5:&*#!$@!
%0-$'!$#-*%$%8!0(#!F--*!5%&)-*M!A*@&'%+*(%-)86!%0$5!D&+)#!)$N-)8!0(G-!(!#$5(5%'&+5!
&*!)&D2$*,&.-!%(9:(8-'5!D0&!'-)8!&*!%0-$'!%(9!'-@+*#5!%&!5+'G$G-!Qf'--*-6!]^_`R!(*#!
5+,0!(!,&+'5-!&@!(,%$&*!5--.5!-9%'-.-)8!+*)$N-)8M

,$!   %

:'-:('-'! @$'.6!%&$%0-'!-*%$%8!D$))!(55$5%!D$%0!%0-!(+%0-*%$,(%$&*!:'&,-55!50&+)#!&
$#-*%$%8!F-!5%&)-*M!B&.-!@$'.5!.(8!,0('7-!(*!(##$%$&*()!@--!&'2&*@$5-!'(##!
%0(%!,(*!F-!:+',0(5-#!5-:('(%-)8M!L0$)-!%0$5!D$))!*&%!:'-G-*%!%0-!@'(+#!@'&.!&,,+"$*76!
$%!D$))!(%%!.-(*!%0(%!%(9:(8-'5!#&!*&%!0(G-!%&!#-()!D$%0!%0-!@())&+%!@'&.!

.$! ! !").('*"1+&$5-&0% "

10$5!('%$,)-!0$70)$70%5!?c1!%(9!'-@+*#!@'(+#!(5!,&.:'5*7!(!5$7*$@$,(*%!&*7&$*7!:'&F)-.! $*!%0-!AB!%(9!585%-.M!A5$*7!$*@&'.(%$&*!@'&.!:+F)$,!'-:&'%56!D-!#-5,'$F-!%0-!:'&F)-.! (*#!%0-!&G-'())!'-5:&*5-!@'&.!0?%!=B!(*#!&G-'5$70%!(7-*,$-5!&G-'!%0-!)(5%!%(0'5M! p"Jc!Q]^^IR!*&%-5!%0(%!?c1!$5!(!*+(*,-#!$55+-!@&'!%(9!(7-*,$-5!(*#!%0$5!('%$,)-!50&D5!

f&G-'*.-*%!C,,& +*%(F$)$%8!p@@C$,R!]^_l6! L5!&1419)10!*1)'&5)1',)*%'$5S)L-@)&!!5.)1#)$35'1!)41.)
%4.N)'..!..:!&1)*#%)10!)1',3'9!%)3%#1!/14#&)3%#!@8Cp'2_l 2k^oR6fCp 6L(50$*7%&6cJM!

f&G-'*.-*%!C,,&+*%(F$)$%8!p@@f$,pR!]^_g6!L5!&1419)10!*1S)L:3%#7!5)/#(('6#%'14#&)/

>-$70%&2*()86!<!]^_a6!b?#-*%$%8!10-@%!(*#!1(9!J'$.-[!E(5!%-,0*&)&78!.(#-!$%!-(5$-'!%&!#-@'(+#!%0-!
'-G-*+-rO

3(%$&*()!1(9:(8-'!C#G&,(%Q31CR!^]^6!]&&$'()%!3#%1)1#)`#&8%!..S)6.!FD6-'*()!=-G-*+-!B-'G$,-6! L(50$*7%&*6!cJM

37+7$6!/!j6!E+*76!j 2!K!>$6!d!;!]^]_6!b=-#+,$*7!%(9!$#-*%$%8!%0-@%!F8!$#-*%$@8$*7!G+)*-'(F$)$%8!:& $*!%0-!-)-,%'&*$,!%(9!@$)$*7!:'&L-5$O6!14#&)'&5)`#:3$1!%)@!/$8(4!9(*,-!&*)$*-6!`^! C+7+5%M

3$7'$*$6!<!;!K!S-%-'56!;!B!]^_o6!b?#-*%$%8!10-@%!1(9!=#@C*!(*4)85$5!&@!%0-!@'(+#!5,0-.-5! +5$*7!?=B!$*G-5%$7(%$&*!5+..('$#$%&'()#*)P#%!&.4/)'&5)L&7!.148'147!)]//#$&G&8!6_^ *&M!6!::M!`2kkM

p)5&*6!3!]^_o6!B&.-!&F5-'G(%$&*5!&*!%(9!(#.$*$5%'(%$&*!(*#!%0-!#7%(5-G&8!#$5$5!(%! %0-!A*$G-'5$%8!&@!3-D!B&+%0!L)($*%-'*(%$&*()!J&*@-'-*,-!&*!1(9!C#.$*$5%'(%$&* A3BL!/+5$*-55!B,0&&)6B8#*-86!k!C:'$)M!CG($)(F)-!(%[0%%:5[\\DDDMF+5$*-55M+*5DM-#+M(+\CF&+%