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8544' %' 3)!4%#9!#)1' %!+% ' (!@' &' %3!%' *5+5#&!)%(85)5#3&45&!1' !53)' *** 2)\$(*!75' @!8' &2%5=' 8!=?!K(53)! (38!
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6%' &58' 3)4K5&)' %!] (%?!"a?+9\$3) (!A%#32' B4(38!)1' !8' 852() 8!%' *5+5#&!(38!*(?!4(2\$*)?!@1#!(58!)1' !
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D9' %52(!=?!4#\$3853+!(38!&)(4453+!&21##*#&! (38!1#&65) (*&!1%#+\$+1#\$!)!1' !J:K:!01' 5%532*\$&57' !' 9=%(2' !
6#&5)5#3' 8!)1' !2#3+% ' +()5#3!)#!&' %7' !=' ?#38!)1' !3' ' 8!#4!)1' !^#5&1!&))** 9' 3)&4(3)5256()53+!D*7' %35(b&
6%' &' 3).8(?!"\$%)' (21!)#!)1' !+##@53+!E()53#!2#99\$35)?!53!H' (853+;!Q3!)1' !2(96\$&!#4!)] :!D*7' %35(4)1' !
&5&)' %&!#6' 3' 8!(3!#%61(3(+ !!(38!(!15+1!&21##*#1!#\$&' 8!53!A%(325&!U(*:!D&!)1' !Q%8' %!+% '@!(38!)1' !
' 8\$2()5#3!#4!5)&!9' 9=' %&!=' 2(9' !(16%#5%5)?4)1' !2#3+% ' +()5#3!4#\$38' 8!(!*5=' %(*!%)&!2#*** ' +!4#%#@#9' 3!
' *5+5#&!53!RScd4+%(8\$()53+!5)&!45%&)12* (&!#4!4#%#&5&)' %&!53!RSeR:!M5)1!)1' !532%' (&' !53!*(?!' 3%#**9' 3)!(38!
' P6(3&5#3!#4!(2(8' 952!#44' %53+&45)!% 2' 57' 8!453(*!(22% 85)()5#3!4%#9!)1' !] 588** !K() '&!" #995&&5#3!#3!
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=' ?#38!)1' !#%5+53(*!)1%' ' !' 8\$2()5#3(*!=\$5*853+&!)#!(3! P6(3853+!2(96\$&!@5)1!(885)5#3(*!6%#4' &&5#3(*!
6%#+% (9&!)#!2#96** 9' 3)!(!&)%#3+!*5=' %(*!%)&!2#% :!D*7' %35(b&!4#\$3853+!95&&5#3!6%#758' 8!)1' !

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'' #8' !G22*' &5(' :!01' !\$357' %&5)?!X6#&&' &&' &!f3' 2' &&(%?g!53&5)\$)5#3(*!(\$)#3#9?!:!:!(38!+\$(%(3)' ' &!5)&
9' 9=' %&! (2(8' 952!4%' ' 8#9<Y!@15" !)' !95&&5#3!#4!'' ()1#*52!15+1' %! 8\$2()5#3!6%575" + ' &!Xh(i!)1' !&' (%21!
4#%!(3!53)' +%()5#3!#4!B3#@** 8+' <h=i!(!85(*#+\$' !=) '@' ' 3!4(5)1!(38!%' (<h2i!(3!')152(*!2#32' %3<(38!h8!
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7(*\$' &!1(7' !&1(6' 8!5)&!21(%(2)' %!(38!15&)#%?!&532' !5)&!4#3853+;!K' %752' <1\$955)?<2#*** +5(*5)?<
2#3)' 96*()5#3<(38!6' (2' 9(B53+!(%' !53&5)\$)5#3(*!2#%' !7(*\$' &!@#7' 3!)1%#\$+1!)1' !(2(8' 952<2#.
2\$%&52\$*(%<(38!&65%5)\$(*!2\$*)\$%' !#4!D*7' %35(:!A%(325&!#4!D&&5&5<(3!(+' 3)!#4!&65%5)\$(*!21(3+' !53!)1' !] 588" !
D+' &<+(7' !)#!)1' !A%(325&2(3!] #7' 9' 3)!(38!(*!1\$9(35)?!(!' + (2?!1()!5&!59' ** &&!(38!\$357' %&(*:!0#!=' !
A%(325&2(3!5&!)#!%' &6' 2!)1' !85+35)?!#4!' (21!1\$9(3!6' %!(38!(*!2%')5#3!#)#!=' !#6' 3!)#!)1' !@#%8!(38!
5)&!857' %&5)?!#4!2\$*)\$%' &<4(5)1&<!)%(85)5#3&<!(2' &!(38!6' #6* &!#1#3#%!5+1)!%' *(5#3&156&! (38!)#!&' ' B!
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Z "#6?53+!(16(6' %46(%&!#4!(16(6' %4#%&\$=95))53+!(3?!@#%B!)1()!5&13#)!?#\$%#@3:!
^\$))53+!?\$%3(9' !#3!+%#\$6!@#%B!@1' 3!?\$!858!3#)!&5+35452(3)*?!2#3)%=\$)'!#!)1'!
@#%B!#4!)1' !+%#\$6:!
^\$))53+!)1' !3(9' !#4!(3#)1' %&)\$8' 3)!#3!@#%B!@1' 3!)1()!6' %!858!3#)!&5+35452(3)*?!
2#3)%=\$)'!#!)1' !6(6' %&#%#@#%B:!
K\$=95))53+!(&!#3' b&!#@346(%&!#%d)1' !@1#*' !#4!(3#)1' %&6' %b&16(6' %&! P(9j!)' &!)
(3&@' %&4' &&(?!% 4** 2)57' !@%5)53+42#96\$)' %&6%#+%(94@#%B!#4!(%)4#%d 9\$&52(*!
2#96#&5)5#3!

01'!_(21' *%#4!K25' 32' !53!! \$%&53+!6%#+% (9!5&! (66%#7' 8!=?!)1' !^' 33&? *7 (35(!K) ()' !_# (%8!#4! | \$%&53+! (38!
5&! (22%' 85)' 8!=?!)1' !"#995&&5#3!#3!"#*** +5() ' !| \$%&53+!G8\$2()5#3!h"" | Gi:!

01' !] (&' %&!#4!D)1**)52!0% (5353+!6%#+% (9!5&! (22%' 85)' 8!=?!)1' !"#995&&5#3!#3!D22%' 85) ()5#3!#4!D)1**)52!
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01' !_(21' *%b&!K#

C+GB&1*@() O\$, ,\$. &!F* . /+ , ,!

K)\$8' 3)&!@1#1(7' !())' 38' 8!D*7' %35(16%' 75#\$&~?(38!1(7' !' 4!)1' !\$357' %&5)?!4#%#3' !(2(8' 952!?' (%!#%!
9#%' 4#%#1(7' !())' 38' 8!(3#)1' %!53&5)\$)5#3!9\$&!%' .(66*?!4#%#(895&&5#3:!H' .' 3)%?!&)\$8' 3)&!&1#\$*8!=' !53!
+#8!&)(3853+!)#!= ' !2#3&58' %' 8!4#%#%' .(895&&5#3:!K)\$8' 3)&!@5&153+!)#!'!)\$%3!)#!)1' !\$357' %&5)?!9\$&!
&\$=95)C!

Z D66*52()5#3!4#%#(895&&5#3:!

Z Q44525(*!)%(3&2%56)&!#4!(**!2#*** +' &!(38j#%#357' %&5)5' &!())' 38' 8!&532' !())' 3853+!D*7' %35(:!
''% 85)!9(?!=' !+57' 3!4#%#2#\$%&' @#%B!53!@1521!)1' !&)\$8' 3)!1 (&' (%3' 8!X''Y!#%#15+1' %!53!(!R--!
** 7' *!2#\$%&' !#%#15+1' %!4#%#9!(!' +5#3(**?!(22%' 85)' 8!53&5)\$)5#3!h'' o!#%#15+1' %!53!4\$38(9' 3)(!
&25' 32' &!4#%#! \$%&53+!&)\$8' 3)&i:!

Z ^%##4!#4!U5+1!K21##*!W%(8\$()5#3!(38!(**!#44525(*!2#*** +' !)% (3&2%56)&!54!&)\$8' 3)!1 (&!3#)!
())' 38' 8!D*7' %35(!53!)1' !*(&!457' !?' (%&:!

= ' * , - , . @ * - ' : \$ ' , \$ \ # 2 P : * & < \$ K > ? -) - ' : \$

D66*52(3)&!(%' !3#)545' 8!#4!(3!(895&&5#3!8' 25&5#3!#32' !(**!%' N\$5%' 8!2%' 8' 3)5(*&!1(7' !=' ' 3!%' 2' 57' 8!(38!
' 7(*\$() 8:!D**!(22' 6)(32' &!(%' !2#3)53+' 3)!\$6#3!)1' !&()5&4(2)#%?!2#96**)5#3!#4!(**!2#*** +' !2#\$%&' @#%B!
(38!9(53)(5353+!)1' !95359\$9!)(3&4' %!W^D!%' N\$5%' 9' 3)&! (38!(%' !&\$=>' 2)!#18' 6(% 9' 3)!21(5%!(66%#7(*!
53!	' !2(&' &!K)\$8' 3)&!3' ' 8!)#!2#96**)' !1' !'' #345%9()5#3!#4!G3%#**9' 3)!4#%#9!(38!%')\$%3!)1' !4#%#9!)#!

R: D66*52()5#3!4#% (895&&5#3!
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/: Q44525(*!KDO!#%&D'' 0!&2#%' &!h#6)5#3(*!
k: Q44525(*!)(3&2%56)&!4#%!(**!6%' 75#\$&!2#***' +' !@#%B:!D3!#44525(*!)(3&2%56)!#4! (**!6%' 75#\$&!@#%B!5&!
%' N\$5%' 8!@1')1' %!(!&)\$8' 3)!1 (&' (%3' 8!)(3&4' %!2%' 85)&!#%&3#)4#%&@1')1' %!(!&)\$8' 3)!@ (3)&!
)%(3&4' %!2%' 85)&:!
c: ^' %(*!G&&(?!
e: "#6?!#4!VUK!(66*52()5#3!4#%&V' 4' %%' 8!D2)5#3!%' 2' 56)!
T: I #)52' !4#%&_5#9')%52&!(66#53)9' 3)p!
d: "#6?!#4!G96*#?9' 3)!D\$)1#%50()5#3!V#2\$9' 3)!hGDVip!
S: "#6?!#4!K#25(*!K' 2\$%5)?!2(%8p!
R-: "#6?!#4!VUK!D66%#7(*!I #)52' pp!

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" \$%1#*@I9+1+*#&!81:) +&1, !

D*7' %35(!J357' %&5)?!%' 2#+350' &!1' !596#%) (32' !#4!955) (%?!&' %752' !(38!)1(3B&!#\$%&)\$8' 3)&!4#%&)1' 5%& 2#3)%5=\$)5#3&!K)\$8' 3)&!&1#\$*8!&\$=95)! (**!3' 2' &&(?!(895&&5#3!6(6' %@#%B!(&!@' **!(&!1' 5%&VV, Rk!

1#*8!#3!(3!(22#\$3)4#%6%' 7' 3)!(22' &&!)#!)1' !5)' 9&!*5&)' 8!(=#7' !4#%!)1' !(9#\$3)!1()!5&!1' !

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"\$%' 3)l2#99\$)'%&)\$8' 3)&!@1#18' &5%' !#3.2(96\$&!1#\$&53+!9\$&!45%&!)6(?!(In, c-!1#\$&53+!8' 6#&5)!(38!
2#96**)'!(!1#\$&53+!(66*52()5#3!53!)1' !H' &58' 32' !E54' !Q4452' :D!2#99\$)'%&)\$8' 3)!5&!(&&5+3' 8!1#\$&53+!
#3*?(4)'%&##9!&' *2)5#3!4#%2\$%' 3)!% &58' 3)!&)\$8' 3)!5&!2#96**)'!(38!6' 3853+!&6(2'!(7(5*(=5*5)?;!;3!)1' !

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H-, #P` 9#&-#: .#\$N&#>-*)C!! ! ! ! ! n/ecj2%' 85)!
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%@)*\$; C#\$+B8-E@*-' :)\$
^(&!8\$' !#="5+()5#3&!532*\$8' <!=)\$!(%' !3#)!*595)' 8!)#<=5**53+!(9#\$3)&!6(&!8\$' !4#%!(3?!&' 9' &)' %<\$36(58!
%##9!8(9(+ ' !21(%+' &<5=%(%?!9() ' %5(*&<1' (*)1!2' 3)' %<()1**)52&<#%#6(%B53+!453' &!K)\$8' 3)&!(%' !3#)!
6' %95))' 8!)#!' +5&)' %<1%' 2' 57' !(!)% (3&2%56)<+%(8' !%' 6#%)<#%#856*#9 (!\$3)5*!6(&!8\$' !#="5+()5#3&!(%' !6(58:!
;3!(885)5#3<1)' !\$357' %&5)?!' &' %7' &!5)&!%5+1)!#!&\$=95)!6(&!8\$' !(22#\$3)&!#5)&2#** 2)5#3!(+' 3):!
''#** 2)5#3!2#&)&!@1521!(9#\$3)!#!(66%#P59() ' *?!//!Rj/≤!#4!)1' !#(\$)&(3853+!=(*(32' <6*\$&!6(&!8\$' !4\$)%\$' !9#3)1*?&' %752' !21(%+' &!(&!8' 453' 8!(=#7' <!(%' !(88' 8)#!(3?!6(&!8\$' !=(*(32' &:!
!
\#*C&: #>\$N" #. []\$
01' !')\$%3!#4!(!21' 2B!4#%!(3?!% (!2#3&5)\$)' &!3#3.6(?9' 3):!D!nk-!4' ' !5&!(&&' &&' 8!4#%!(**!21' 2B&!
')\$%3' 8!\$36(58!=?)1' !=(3B:!
\$

I \$' &)5#3&!%' +(%853+!9' 852(*!*' (7' !&1#*\$'8!=' !&\$=95))' 8!)#!)1' !V5% 2)#%#4!U' (*)1!K' %752' &:!

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

(38j #%)#1&\$=&)5)\$' !53.6' %!2* (&&' &!@5)1!75%)\$ (*<#3. *53' !#%!' 9#)' !' 8\$2()5#3(*!2* (&&' &!#%&&' &&5#3&<)1' !
J357' %&5)?!@5**!3#)!=' !%' &6#3&5=*' !#%!'5(=*' !)#!%' 4\$38<%' 59=\$%&' !#%!'2%' 85)!1' !&)\$8' 3)!

!!

8=>AB- =!<3- (- ; 3(J!8BC93; B8!

D*7' %35(!#44' %&! (!7(%')?!#4!453 (325(*!(58!#6)5#3&<532*\$853+!&21#*(%&156&<+%(3)&<)&)\$8' 3)! ' 96*#?9' 3)!(38!
(3!#66#%)\$35)5' &!A53 (325(!(58!5&!8' &5+3' 8)!#!6%#758' !(&&5&) (32' !)#!&)\$8' 3)&!@1#&' !6' %(*!(38!4(95*?
%' &#%2' &!2(33#)!9' ')!1' !4\$**!2#&)!#4!' 8\$2()5#3()!D*7' %35(:!01' %' 4#%' <453 (325(*!(58!5&!#3*?
&\$66* 9' 3)(%?!#)!1' !4(95*?b&!#@3!=' &)! 44#%&!)#!2#3)%5=\$)' !)#!1' !&)\$8' 3)b&! 8\$2()5#3:!

N')**\$, \$K**#: >@: . # \$

01' !2#&!#4!())' 38(32' !4#%&!&)\$8' 3)!5&! (3!' &)59 ()' !#4!(!&)\$8' 3)b&! 8\$2()5#3(*! P6' 3&' &!4#%&)1' !6' %5#8!#4!
' 3%#**9' 3):!01' !2#&!#4!())' 38(32' !45+\$%' !4#%9&!1' != (&5&!#4!)1' !453 (325(*!3' ' 8!2(*2\$*()5#3!)1 ()!
8')' %953' &' *5+5=55)?!4#%& (**!05)*' !;F!4' 8' %(*!(58! (&!@' **! (&!&) ()' ! (38!53&)5)\$5#3(*!(58!:' #&!)#4!())' 38(32' !
7(%5' &!= (&' 8!\$6#3!' 3%#**9' 3)!(38!%' &58' 3)5(*!&) (\$&!;)' 9&!532*\$8' 8!53!)1' !2#&!#4!())' 38(32' !532*\$8' !
=\$)!(%' !3#)!*595)' 8!#C!)\$5)5#3!(38!4' ' &<=#B&<&\$66*5' &<!%#9!(38!=# (%8!h4#%&)\$8' 3)&!5753+!53!%' &58' 32' !
1 (**&i<!5753+! P6' 3&' &!h4#%&)\$8' 3)!&3#)!5753+!53!%' &58' 32' !1 (**&i<46' %(*!(38!)% (3&6#%) ()5#3!%' * ()' 8!
' P6' 3&' &:!

!

L-: @: . @8\$=##>\$

@5)153!)1' !&' 9' &)' %!#%!(12#9=53()5#3!#4!&' 9' &)' %!(38!9#8!2*(&&' &!@5)153!)1' !&(9' !&' 9' &)' %:K)\$8' 3)&!
2(3!%' 4' %!)#)1' !(2(8' 952!2(*' 38(%!4#%!)1' !&)(%)!(38!' 38!8()&' #4!' (21!&' 9' &)' %!#%9#8\$*' :!^*' (&' !
2#3)(2!)1' !Q4452' !#4!K)\$8' 3)!A53(325(*!K' %752' &!4#%9#%' !534#%9()5#3:!
!

2. P!1.!(77%@!

0#!(66*?!4#%453(325(*!(58!4#**#@!)1' &' !&)' 6&C!

R: "#96*')!)1' !A%' !D66*52()5#3!4#%A' 8' %(*!K)\$8' 3)!D58!hADAKDi!="+53353+!Q2)#=" %R!' (21!
' (%!=?!+#53+!#3*53' !)#!1))6&Cjj&)\$8' 3)(58:+#7j!015&!4#%9!5&!(7(5*(="

z

P0*+ (/1#@1+ ((#@1+ (,0'"+/6C!015&! (@(%8!@5**!= ' !#44' %' 8!)#145%&)).)59' <4\$**.)59' !4% &19' 3!(22' 6)' 8!53!)1'
! 8(?!6%#+% (9!@1#!+%(8\$() ' 8!4%#9!(!" ()1#*52!15+1!&21##*!:K)\$8' 3)&!9\$&!)% 9(53! 3%#*** 8!4\$**
!)59' !53!)1' !8(?!6%#+% (9!(38!9(53)(53!(2(8' 952!6%#+% '&&!(&!8' 453' 8!=?!D*7' %35(:!

! ,%, *(5. B=0'/'&2'8#?/(1%"%#! 50'7C!A\$**.)59' !' 96*#?' ' &!#4!)1' !D** 3)#@3!V5#2' &' !#%U(%%5&=\$%+
! V5#2' &' !(38!)1' 5%&8' 6' 38' 3)!215*8% 3!@5**!% 2' 57' !(lnR<---!3#3!3' ' 8.=(&' 8!(@(%8!:D!"))' %&4%#9
!)1' !V5#2' &' !7' %&4753+! ' 96*#?9' 3)!9\$&!)=' !&' 3!)#)1' !Q4452' !#4!K)\$8' 3)!A53(325(*!K' %752' &! (21
! ?' (%&)#!% 2' 57' !)!5&! (@(%8!:K)\$8' 3)&!9\$&!)=' !' 3%#*** 8!4\$**.)59' !53!)1' !8(?!(2(8' 952!8575&5#3!)#
! =' !' *5+5=* :!K)\$8' 3)&!9(?!= ' !' *5+5=* !)#!% 2' 57' !(885)5#3(*!4\$3853+!4%#9!D*7' %35(:!

! ,2\$. /#?/'1(2. *C!K)\$8' 3)&!@1#!1(7' !' (%3' 8!(!= (21' *#%&!8' +%' ' !4%#9!D*7' %35(! (38!%)\$%3!)#!2#96**)' !(
! &' 2#38!\$38' %+(8\$() ' !8' +% ' !53!)1' !8(?!(2(8' 952!8575&5#3!(% ' !' *5+5=* !)#!% 2' 57' !(, -s!)\$5)5#3
! 85&2#\$3)<(*\$935!@1#!' 3%#***!53!(!+% (8\$() ' !6%#+% (9!(% ' !' *5+5=* !)#!% 2' 57' !(, csl!)\$5)5#3!85&2#\$3)<
! (38!(*\$935!@1#!' 3%#***!53!)1' !^!VIE' (8' %&156!6%#+% (9!(% ' !' *5+5=* !)#!% 2' 57' !(, -s!)\$5)5#3
! 85&2#\$3):!015&!85&2#\$3)!5&!3#)!(7(5*(=* !)#!&)\$8' 3)&!53!)1' !] KQ0<#)1' %&8#2)#%(*!6%#+% (9&<4#%
! #3*53' !\$38' %+(8\$() ' !#%&+(8\$() ' !8' +% ' !6%#+% (9&:!01' %' !9(?!= ' !)#)1' %&! P2' 6)5#3&!)#)1'
! (@(%8<4#%&9#% ' !534#%9()5#3!6** (&' !2#3)(2)!1' !W%(8\$() ' !V575&5#3!#%&K)\$8' 3)!A53(325(*!K' %752' &
! Q4452' !4#%&9#% ' !534#%9()5#3:!

?/'1(2. *#H0* . %'"+/6"C!K)\$8' 3)&!@1#!(% ' !' 96*#?' 8!=?!#%&1#*8!9' 9=' %&156&!@5)1!(66%#7' 8!' 96*#?' %&<
! #%+ (350)5#3&<4#%&D*7' %35(!J357' %&5)?!9(?!= ' !' *5+5=* !4#%&(!)\$5)5#3!85&2#\$3)!#%&(!% 8\$2' 8!)\$5)5#3
! %() :!K)\$8' 3)&!9(?!#3*?!"\$&' !#3' !85&2#\$3)!(@(%8!6' %&!&' 9' &)' %!:4!)1' !&)\$8' 3)!5&! *5+5=* !4#%&9#%'
!)1(3!#3' !85&2#\$3)cmBT485&1+1(!)-1(K).828214cmBT460046253.9998-694Tm/TT21T460046' B625-1((+5)1(+5)60

3&1+*\$. &#M81:) +&1!8/4. %##*, 4\$7, !

D*7' %35(!J357' %&5)?!#44' %&!(!*595)' 8!3\$9=' %!#4!53)' %3()5#3(*!&21#*(%&156&!)#!N\$(*545' 8!\$38' %+%(8\$()!'!
8' +% ' ' .&' ' B53+!&)\$8' 3)&!;3)' %' &)' 8!&)\$8' 3)&!9\$&!2#96**)' !(!&' 6(%()' !&21#*(%&156!(66*52()5#3!53!
(885)5#3!)#!(3!(66*52()5#3!4#%!(895&&5#3:!

D**!\$38' %+%(8\$()' !&)\$8' 3)&!@1#!@5&1!)#!&)\$8?(!)D*7' %35(!J357' %&5)?!9\$&!2#96**)' !(3!#3*53' !D*7' %35(!
(895&&5#3!(66*52()5#3!@1521!2(3!=' !2#96**)' 8!#3*53' !

! K)\$8' 3)!D58!H' 6#%)!hKDHi:!A#%!(8\$*)!' 8\$2()5#3!&)\$8' 3)&!@1#!(%!' *5+5=*' !4#%|^' **!+(3)&!\9#8\$*' &
! R!u!,!(%' !2#3&58' %' 8!)1' !4(**!&' 9' &)' %!9#8\$*' &!/!u!k!(%' !2#3&58' %' 8!)1' !&6%53+!&' 9' &)' %!(38
! 9#8\$*' &!c!u!e!(%' !2#3&58' %' 8!)1' !&\$99' %!&' 9' &)' %!K)\$8' 3)&!9(?!='!' *5+5=*' !4#%|^' **!W%(3)
! 4\$38&I4#%!(3!5385758\$(?!9#8\$*' !(38!#7' %!)1' !&\$99' %!&' 9' &)' %!^** (&' !&' ' !)1' !Q4452' !#4!K)\$8' 3)
! A53(325(*!K' %752' &!4#%|9#%' !534#%9()5#3:!

K%7%' 0,#@266,%\$\$. *0,#Q7210*/(. 0,#V66(' *2. /*3#U' 0. *#R@QVUSC!K)\$8' 3)&!9\$&)!= ' !' 3#%***' 8!()!' *' (&!1(*4
!)59' !(38!= ' !' *5+5=*' !4#%|(!A' 8' %(*!^' **!W%(3)!#!= ' !' *5+5=*' !4#%|)15&!(@(%8:!015&!5&!(12(96\$&.=(&' 8
! 6%#+(9!4\$38' 8!=?!)1' !' 4' 8' %(*!+#7' %39' 3)!(38!(@(%8!(9#\$3)&!(%' !=(&' 8!\$6#3!P2' 6)5#3(*
! 453(325(*!3' ' 8!(38!8' 6' 38' 3)!\$6#3!4' 8' %(*!4\$3853+!(7(5^(=5^5)?:!

H%. . "3,-0./O#@*0*%#U' 0. *c!01' !^' 33&?7(35(!U5+1' %!G8\$2()5#3!D&&5&)(32' !D+' 32?h^UGDDi!#44' %&!+(3)&
!)#!\$38' %+%(8\$()&!h#7' %!Rdi!@1#!(%!' !' 3#%***' 8!()!' *' (&!1(*4.)59' !(38!1(7' !' &)(=*5&1' 8!%' &58' 32?
! 4#%|()!' *' (&!R, !9#3)1&!6%5#%|#!)1' !8()!' !#4!(66*52()5#3:!(^%' 3)&!9\$&!)9' ' !)8#9525**
! %' N\$5%' 9' 3)&!4#%|&)\$8' 3)&!\$38' %!Rd:!01' !&()!' !+(3)!8' (8*53' !5&!] (?!R!4#%|)1' !4#**#@53+
! (2(8' 952!?' (%!A\$**.)59' !&)\$8' 3)&!9\$&!2#96**' !)1' !&()!' !' N\$5%' 9' 3)!#4!2#96**')53+!(38
! ' (%353+!6(&&53+!+(8' &!53!(!95359\$9!#4!, k12% 85)&!4#%9!)1' !6%5#%|?' (%!#4!&()!' !+(3)!' *5+5=5^5)?!)#
!

! (38!>#=!&B5**&:!G96*#?9' 3)!4#%#53&)5)\$)5#3(*!@#%B.&)\$8?!5&! (7(5*(=*! !(&4\$3853+!(**#@&!(38!5&!3#)
! +\$(%(3)' ' 8:!K)\$8' 3)&!(66*?!(38!53)' %75' @!4#%#6#&5)5#3&!1()!('%' !(7(5*(=*! !(2%#&&!2(96\$&:!
@*0*%#: ('W!@*2730!^' 33&?*7(35(!K)!) !M#%B.

_#)1!V5%' 2)!E# (3&! (% !&\$=>' 2)!)#!(!R., s!#%5+53 ()5#3!4' ' <48' 8\$2)' 8!4%#9!)1' !*# (3!6%5#%#)#!85&=\$%&' 9' 3)!)#!
)1' !53&)5)\$)5#3:!)!5&!596#%) (3)!4#%\$38' %+%(8\$ ()' !&)\$8' 3)&!)#!\$38' %&) (38!=#%#%#53+!9 (P59\$9&! (38!
(++%' + ()' !h*54')59' i!*595)&:\$

!''#\$*' *@8; -&#.*\$! *@,, ' &>\$H' @:\$B' &&' G-: E\$.@: : ' *\$#` .##>\$*"#\$,' 88' G-: E\$?@` -?C?)0\$

! 01' !%)' !8# ' &!2(6!)!S:cS!(38!)1' !53)' %' &!9(?!=' !)(P!8' 8\$2)5=* :!01' !*#(3!5&!&\$=> 2!)#!(!k.cS
! #5+53()5#3!4' ' !8' 8\$2)' 8!4#%#9!)1' !*#(3!6%5#%#)#!85&=\$&' 9' 3!)#)1' !53&5)\$5#3:!01' !&)\$8' 3)!4#%
! @1#9!)1' !6(%' 3)!5&!=#%#%#53+!9\$&!=' !' 3%#*** 8!()!*' (&!1(*4.)59' !h&5P!2% 85)&!6' %&' 9' &)' %i!(38
! =' !9(B53+!&()5&4(2)%#?!(2(8' 952!6%#+' &&!)#!=' !' *5+5=* !4#%#)15&!*#(3:!D!2%' 85)!21' 2B!#4!)1'
! =#%#%#@' %!5&!%' N\$5%' 8!4#%#(66%#7(*!#4!)1' !^EJK!*#(3;!;4!)1' !6(%' 3)!5&!8' 35' 8!4#%#(!^EJK!*#(3!4)1'
! 8' 6' 38' 3)!&)\$8' 3)!9(?!=#%#%#@!(3!(885)5#3(*!V5%' 2)!J3&\$=&5850' 8!K)\$8' 3)!E#(3!53!15&!#%#1' %
! #@3!3(9' :!

?/'%1*#U'0720*%#HX<@#X(0.C!W%(8\$()!(38!6%#4' &&5#3(*!8' +' ' !&)\$8' 3)!&9(?!=#%#%#@!)1%#5+!1)1' !V5%' 2)
! W%(8\$()!' !^EJK!*#(3!6%#+'(9':!01' !9(P59\$9!(!&)\$8' 3)!9(?!=#%#%#@!6' %!(2(8' 952!?' (%!5&!1'
! 2#&!#4!' 8\$2()5#3!953&!453(325(*!(58:!D66*52(3)&!4#%#)15&!*#(3!(%' !%' N\$5%' 8!)#!2#96**)' !(!A%' '
! D66*52()5#3!4#%#A' 8' %(*!K)\$8' 3)!D58!hADAKDi:!V5%' 2)!W%(8\$()!' !^EJK!*#(3&!(%' !#3*?!(7(5' (= ' !)#
! &)\$8' 3)!&(4)' %!)1' ?!1(7' !(66*5' 8!4#%#)1' 5%!(33\$(*!#(3!595)&!1)1%#5+!1)1' !V5%' 2)!K)\$8' 3)!E#(3
! 6%#+'(9':!D!2%' 85)!21' 2B!#4!)1' !=#%#%#@' %!5&!%' N\$5%' 8!4#%#(66%#7(*!A' 8' %(*!(@!8)' %953' &!1'
! 53)' %' &!%)!' !#3!A' 8' %(*!E#(3&!01' !%)!' !&)(=*5&1' 8!' (21!?' (%!5&!(!45P' 8!%)!' !4#%#)1' !'54' !#4!)1'
! *#(3:!U#@' 7' %!(21!?' (%!=?!' \$*?IR!(!3' @!%)!' !5&!8')' %953' 8:!015&!%)!' !9(?!=' !)1' !&(9' <15+1' %
! #%#%#@' %!)1(3!)1' !6%5#%#?' (%!%)!' !01' !%)!' !8# ' &!2(6!)!R-:cS:!

H'/'-0*%#('#! ,*%' . 0*!/-%#X(0. #H' (8'0\$ "C!D)" %3()57' !*#(3&!(%' !8' &5+3' 8!)#!(&&5&!)&)\$8' 3)!&(38!)1' 5%#4(955' &
! @1#!3' ' 8!)#!=#%#%#@!(885)5#3(*!4\$38&!)#!9' ')!1' !2#&!#4!(3!D*7' %35(!' 8\$2()5#3:!E#(3!(66%#7(*
! 5&!+' 3' %(*?!=(&' 8!#3!2%' 85)@#%)153' &&!38!(=55?)!#%# 6(?;!01' !6%59(%?!=#%#%#@' %!4#%#)1' %3()57'
! *#(3&!5&!1' !&)\$8' 3)!1##@' 7' %!9#&!8' 6' 38' 3)!&)\$8' 3)!&!' N\$5%' !(12% 85)@#%)1?2# .&5+3' %:!01'
! 53)' %' &!%)!' !#3!1' !*#(3!9(?!=' !7(%5(=* !#%#45P' 8!8' 6' 3853+!#3!)1' !* 38' %!(38!8# ' &!(22%\$'
! @15' !1' !&)\$8' 3)!5&!53!&21#*#':!01' !53)' %' &!9(?!=' !6(58!#%#8' 4' %%' 8!\$3)5!(4)' %!+% (8\$()5#3!#%#
! @1' 3!)1' !&)\$8' 3)!2' (&' &!)#!=' !' 3%#*** 8!()!*' (&!1(*4.)59' :!01' !6%53256(*!2(3!(*&#!=' !6(58!#%#
! 8' 4' %%' 8!\$3)5!(4)' %!+% (8\$()5#3!#%#@1' 3!)1' !&)\$8' 3)!2' (&' &!)#!=' !' 3%#*** 8!()!*' (&!1(*4.)59' :!D&
!

K)\$8' 3)&! (% !3#)545' 8!@1' 3!*#(3&!1(7' != ' 3!2%' 85)' 8!(38!1(7' !)' !#6)5#3!)#!2(32' *!(**!#%!(!6#%)5#3!#4!
)1#&' !#(3&!8\$%53+!)1' !(2(8' 952!?' (%!

K)\$8' 3)&!@5)1!#\$)&58' !&21#*(%&156&!6(?(*!#%#2#.6(?(*!#)#!D*7' %35(!J357' %&5)?!&1#*\$8!3#)54?)1' !Q4452' !
#4!K)\$8' 3)!A53(325(*!K' %752' &!=?!&' 3853+!(!2#6?!#4!)1' !(@(%8!'))' %!#)1' !#4452' :!01' !(9#3\$)!9\$&!)!=' !
532*\$8' 8!(&!(!453(325(*!(58!%' &#%2' !(38!9(?!(44' 2!)1' !&)\$8' 3)b&! *5+5=5*5)?!4#%#6%' 75#\$&*?!(@(%8' 8!(58!:

L-: @: .-@8\$K->\$\#,C: >\$%' 8-.<!K)\$8' 3)&!@1#!@5)18%(@!2#96**)' *?!4%#9!D*7' %35(!&1#*\$8!%' 4' %!)#)1' !
534#%9()5#3!' (%5' %!53!)15&!&' 2)5#3!#4!)1' !2()(*#+!4#%#(885)5#3(*!534#%9()5#3:!!!K)\$8' 3)&!@1#!1(7' !%' 2' 57' 8!
A' 8' %(*!05)** !;F!453(325(*!(58!<(38!1(7' !@5)18%(@3!2#96**)' *?!4%#9!D*7' %35(!@152!1532*\$8' &!&)\$8' 3)!#3!
(3!(66%#7' 8!9' 852(*!* (7' !#4!(=&' 32' <)1' !4#**#@53+!%' 4\$38!6#*52?!5&!1' !%')\$%3!#4!4\$38&!6#*52?!53!
(22#%8(32' !@5)1!)1' !RSSd!"#8' !#4!A' 8' %(*!H' +\$*)5#3&lead:, , :!A#%#(!2#96**)' !2#6?!#4!)1' !%' 4\$38!6#*52?!
(38!1)1' !(**#2()5#3!#4!%' 4\$38&<2#3)(2!)1' !Q4452' !#4!K)\$8' 3)!A53(325(*!K' %752' &:!

01' !Q4452' !#4!K)\$8' 3)!A53(325(*!K' %752' &!5&!%' N\$5%' 8!=?!4' 8' %(*!&())\$' !)#!8')' %953' !1#@!9\$2!1453(325(*!
(58!@(&! (%3' 8!=?!&)\$8' 3)&!@1#!@5)18%(@<48%#6!#)\$<!(% !85&95&&' 8<#%#) (B' !(!** (7' !#4!(=&' 32' <532*\$853+!
(66%#7' 8!9' 852(*!* (7' !#4!(=&' 32' <46%#%#)#!2#96**')53+!e-s!#4!(!6(?9' 3)!6' %5#8!#%#)' %9:!A#%#(!&)\$8' 3)!
@1#!@5)18%(@&!(4)' %!)1' !e-s!6#53).53.)59' <(!&)\$8' 3)!1(&! (%3' 8!R--s!#4!)1' !05)** !;F!4\$38&:!01' !
2(*2\$*)(5#3!5&!=(&' 8!#3!)1' !6' %2' 3)(+' !#4! (%3' 8!(58!\$&53+!)1' !4#**#@53+!A' 8' %(*!H')\$%3!#4!05)** !;F!4\$38&!
4#%9\$*(C!

^' %2' 3)(+' !#4!6(?9' 3)!6' %5#8!#%#)' %9!2#96**)' 8!w!)1' !3\$9=' %!#4!8(?&!2#96**)' 8!\$6!)#)1' !@5)18%(@(*!
8() !85758' 8!=?!)1' !)#(*!8(?&!53!)1' !6(?9' 3)!6' %5#8!#%#)' %9:!hD3?!=%' (B!#4!c!2#3&' 2\$)57' !8(?&!#%#9#% !
5&!3#)!2#3\$)' 8!(&!6(%!)#4!)1' !8(?&!53!)1' !)' %9:!015&!6' %2' 3)(+' !' N\$(*&!1' !6' %2' 3)(+' !#4! (%3' 8!(58!:

A\$38&!(%' !%')\$%3' 8!#)1' !!(66%#6%#)!' !4' 8' %(*!6%#+(9!=(&' 8!#3!)1' !6' %2' 3)(+' !#4!\$3' (%3' 8!(58!\$&53+!
)1' !4#**#@53+!4#%9\$*(C!

D58!)#!= ' !%')\$%3' 8!w!hR--s!#4!)1' !(58!)1()!2#*\$8!=' !85!0-1(1)43+!, , 4-1(!)8-1())0.8214cmBT-0.0025()5\$3\$1(3)(+)1(')1(!

\#9#@*#>\$N' C&)#G' &[C!K)\$8' 3)&!9 (?!%' 6' ()!(!6%' 75#\$\$*?!6 (&&' 8!2#\$\$%' !#3' !)59' !(38!9(53)(53!453(325(*!
' *5+5=5*5)?<!(&&\$953+!(**!#)1' %!(2(8' 952!6%#+' &&!%' N\$5%' 9' 3)&!1(7' !=' ' 3!9')!H' 6' ()' 8!2#\$\$%' @#%B!
2#)\$3)&!)#@(%8!)1' !Rc-s!2#96*')5#3!)59' !4%(9' :!H' 6' ()' 8!2#\$\$%' @#%B!9(?!(44' 2)!' *5+5=5*5)?!4#%4\$)\$%' !
^D!&())' !+% (3)!4\$3853+!^*' (&

Z ^*(3&I4#%3' P)!' %9!#4! 3%#**9' 3)lh' .+:!3\$9=' %!#%2%' 85)&<21(3+' !#4!9 (>#%<1(2(8' 952!
596%#7' 9' 3)!6*(3!8') (5*<4') 2:i!

D&!6(%)!#4!)1' !(66' (*!6%#2' &&<4)1' !&)\$8' 3)!9\$&!)6%#758' !534#%9 ()5#3!(=#\$!)@1?!1' j&1' !4(5' 8!)#!
9(53)(53!KD^!&)(38(%8&<4(38!@1()!1(&!21(3+' 8!53!)1' !&)\$8' 3)!b&!&5\$()5#3!)1()!@5**!(**#@!159j1' %!)#!
8' 9#3&)%()!&()5&4(2)##?!(2(8' 952!6%#+' &&!())1' !3' P)! 7(*\$()5#3:!

D66' (*!(%!' 7(*\$()8!=?!)1' !A53(325(*!D58!D66' (*!' #995))' !)1()!9' ')&!@' ' B*?:!01' !&)\$8' 3)!@5**!= ' !
3#)545' 8!#4!)1' !2#995))' ' b&!8' 25&5#3!53!@%5)53+:!01' !8' 25&5#3!#4!)1' !2#995))' ' !5&!453(*!K)\$8' 3)!&!1#5\$*8!
9(B' !6(9?9' 3)!(%(3+' 9' 3)!@15** !@()5)53+!#3!)1' !2#995))' ' b&!8' 25&5#3!54!3' 2' &&(%??:!

L-: @: .-@8\$K->\$%&' B@*-': C!K)\$8' 3)!@1#1(7' !1(8!(3!(66' (*!(66%#7' 8!@5**!= ' !6*(2' 8!#3!6%#=()5#3!4#%#3' !
&' 9' &)' %!(38!@5**!1(7' !)1' 5%453(325(*!(58!% 53&())' 8!4#%#)1' !6%#=()5#3!&' 9' &)' %!;!4!)1' !&)\$8' 3)!4(5&!)#!
9(53)(53!KD^!&)(38(%8&!())1' !' 38!#4!)15&!&' 9' &)' %<1' j&1' !@5**!#&' !453(325(*!(58!' *5+5=55?)!\$3)5!KD^!
&)(38(%8&!(% !9'):!

K)\$8' 3)!@1#1(%!' !9()1' 9()52(**?!\$3(=* !)#!(215' 7' !+##8!(2(8' 952!&)(3853+!h4#%#N(\$3)5)()57' !(38j #%#
N\$(5)()57' !&)(38(%8&i!9(?!=' !6*(2' 8!#3!3!(2(8' 952!596%#7' 9' 3)!6*(3!8\$%53+!)1' !6%#=()5#3!&' 9' &)' %!
(38!4#**#@53+!)' %9&<54!3' 2' &&(%?:!K)\$8' 3)!@1#19' ')!1' !95359\$9!%' N\$5%' 9' 3)!#4!)1' !6*(3!=\$!)3#)!
KD^!&)(38(%8&!@5**!= ' !453(325(*!(58!' *5+5=* !\$3)5!&\$21!)59' !1' j&1' !5&!53!+##8!(2(8' 952!&)(3853+:!

K. @>#?-. \$0?9&' (#?#:# *\$%@: C!;4!(!&)\$8' 3)!5&!\$3(=* !)#!9()1' 9()52(**?!9' ')!(**!KD^!%' N\$5%' 9' 3)!&!@5)153!
#3' !&' 9' &)' %<1(3!(2(8' 952!6*(3!@5**!= ' !8' 7' *#6' 8:!

01' !(2(8' 952!6*(3!9(?!#\$)'53' !+% (8' !(38!2#\$\$%&' !%' N\$5%' 9' 3)!&!1()!@5**!(**#@!)1' !&)\$8' 3)!#)#!
&\$22' &&4\$**?!9' ')!KD^!;!4!3' 2' &&(%?<4)1' !(2(8' 952!6*(3!9(?!' P)' 38!=' ?#38!)1' !2\$%#3)!(2(8' 952!?' (%;!;4!
KD^!4(5'\$%' !@(&!=(&' 8!#3!)1' !N\$(3)5)()57' !9' (&\$%' !#3*?<45!&!3#)!)3' 2' &&(%?)#!' &)(=*5&1!(3!(2(8' 952!
6*(3;!;4!KD^!4(5'\$%' !@(&!=(&' 8!#3!)1' !9(P59\$9!)59' 4%(9' !9' (&\$%' <4)1' !&)\$8' 3)!9\$&!)2#96**')' !(*!
2%' 85)!%' N\$5%' 8!4#%#8' +% ' !2#96**)5#3!=?!)1' !' 38!#4!)1' !' (&!&' 9' &)' %!#4!)1' !(2(8' 952!6*(3:!

J38' %!(3!(2(8' 952!6*(3<4(!&)\$8' 3)!r&!6%#+' &&!@5**!= ' !9#35)##' 8!()!)1' !' 38!#4!' (21!&' 9' &)' %!53!#%8' %!)#!
' 3&\$%' !)1()!)1' !&)\$8' 3)!5&!6%#+' &&53+!(22#%853+!)#)!)1' !%' N\$5%' 9' 3)!&!#4!)1' !6*(3:!D&!#3+!(&!1' !&)\$8' 3)!
5&!6%#+' &&53+!(22#%853+*?<4)1' !&)\$8' 3)!

"(96\$&!] 535&)%?<!"#99' 32' 9' 3)<!(38!^\$=*52!K(4')?:!01' &' !6%#+% (9&!(38!&' %752' &<!) (B' 3!)#+')1' %< (&&5&!)&\$8' 3)&I53!8' 7' *#653+!)1' 5%& (=5*5)5' &!)#!= ' !&' *4.85%' 2)' 8!1\$9 (3!=' 53+&<42(6(=* !#4!9#753+!)1%#\$+1! 7(%5#\$&!@#%B<*' 5&\$%' <!(38!*54' !%#*' &!53!#%8' %&!)#!9 (B' !75) (*!2#3)%5=\$)5#3&!)#!)1' !1#9' <21\$%21<!(38! 2#99\$35)?!J357' %&5)?!E54' !@#%B&!2*#&' *?!(5)1!)1' !D2(8' 952!K\$22' &&!''' 3)' %<!)1' !4(2\$*)?<!(38!(**!#)1' %& \$357' %&5)?!&)(44!4#%!)1' !=' 3' 45)!#4!)1' !&)\$8' 3)&!#4!D*7' %35(:!

E(*%f#! 77*/!(. 0,#<. /-%'''/*3#X/)##/.)('\$0*/(. #'#0-0/0&,%#/. #*+%#@*27%. *#=0. 7&(W9#

K.*-(*-#)\$N@8#: >@&\$

D2)575)5' &!(38!' 7' 3)&!(% !6#&)' 8!#3!)1' !\$357' %&5)?!@' =&5)' !2(* 38(%!(38!)1' !^Dx!!' 7' 3)&!6(+':!K' 9' &)' %& (2)575)?!6#&)' %&!(% !(7(5' (=** !53!)1' !Q4452' !#4!K)\$8' 3)!D2)575)5' &:!

!

N@?9C)\$] -: -)*&<\$

"(96\$&!] 535&)%?!5&!*#2() ' 8!#3!)1' !45%&!)4*##%&!#4!)1' !" (96\$&!''#99#3&:!D&!(!")1#*52<A%(325&2(3! \$357' %&5)?<D*7' %35(!&' ' B&!)#!9 (53)(53!)1' !")1#*52!21(%(2)' %&!(38!6\$%6#&' !#4!)1' !53&5)\$)5#3!' 375&5#3' 8! =?!1' !4#\$3853+!2#3+%'+()5#3<!)1' !' %3(%853' !A%(325&2(3!K5&)' %&:!01' !\$357' %&5)?!@' *2#9' &!6' #6* !#4!(**! 4(5)1!)%(85)5#3&!(38!5375)' &!(**!)#!6(%5256() ' !53!)1' !&65%5)\$(*<2#99\$35)?!&' %752' <!(38!(*!>\$&)52' ! 6%#+% (9&!)1!)!15+1*5+1)!#\$%&95&&5#3:!

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cm14cmBT4462579088&+] 352(0?)T] . 82(9)1%TT241 (3)(5(!1-1(#3<4-2(6)%8214c+)1()5)1%TT2)-1(#4)-1(!"1)-14c--11(0.-1(&2-1()-&(A)

D**!&' %752' &!% ' 38' % 8!(!)1' !U' (*)1!(38!M' **3' &&' ' 3)' %!(% !2#3458' 3)5(*:!01' !2' 3)' %!5&!2#96*5(3)!@5)1!
6()5' 3)!6%7(2?!*(@&!015&!9' (3&!1()!)1' !2' 3)' %!9(?!3#)!% ' * ('!(3?!61?&52(*!#%9' 3)(*!1' (*)1!
534#%9()5#3!@5)1#\$(!)1' !&)\$8' 3)!&!@%))' 3!2#3&' 3):!

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P(2. "%./ . 8#@% '-/1%"!01' !2' 3)' %!#44' %&!4%' ' !&1#%).)' %9!2#\$3&' *53+!&' %752' &!)#!5385758\$(*&!=?!(!
52' 3&' 8!6&?21##+5&):!;4!3' 2' &&(%?<)1' !2#\$3&' *#%!@5**!9(B' !% ' 4' %%(*&!)#!#44.2(96\$&!2#\$3&' *53+!
&' %752' &:!' #3&' *53+!K' %752' &!(*&!6#758' &! 8\$2()5#3(*!6#%+(9953+!#66#%)\$35)5' &!4#%!)1' !
\$357' %&5)?!2#99\$35)?!8' &5+3' 8!)#!9' ')!1' !3' ' 8&!#4!)1' !2#99\$35)?!53!(%' (&!#4!6' %(*<
' 9#)5#3(*!8' 7' *#69' 3)!(38!&\$=\$&)(32' !(&=\$&' !5&&\$' &:!

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=%0,*+#@% '-/1%"!D**!4\$**.)59' !&)\$8' 3)!(% !% N\$5% 8!)#!&\$=\$95)!1' (*)1!4#%9&!532*\$853+!(3!
599\$350()5#3!15&)#%?!)#!)1' !U' (*)1!(38!M' **3' &&' ' 3)' %!6%5#%!)#!&)(%)53+!2*(&&' &!()D*7' %35(:!

U' (*)1!&' %752' &!(%' !(7(5*(=' !)#!(**!%' +5&)' % 8!&)\$8' 3):!01' !2' 3)' %!6#758' &! 7(*\$()5#3!(38!
)% ()9' 3)!#4!953#%5**3' &&' &!(38!53>\$%&' &<1' (*)1! 8\$2()5#3<(38!%' 4' %%(*&!)#!#44.2(96\$&!9' 852(*!

(2)575)5' &14#%D*7' %35(!&)\$8' 3)&!1%#\$+1#)\$!)1' !?' (%:101' &' !1 (7' !532*\$8' 8!2#9' 8?!(2)&48(32' &4
' 8\$2()5#3(*!(38!9#)57()5#3(*!&6' (B' %&4(2)575)5' &!%' *())' 8!)#!9(>#%&! (38!2(%' '%21#52' &4K6%53+!A*53+4(38!
)%56&!)#!I '@!L#%B!'5)?4M(&153+)#34V:":4(38!_(*)59#%' 4] 8:4)#13(9' !(14' @:!

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I*C>#: *\$F' (#&: ?#: *\$K))' .-@*-' : \$U/01234/25670W\$

01' !K)\$8' 3)!W#7' %39' 3)!D&()5#3!hKWDi!' 6%' &' 3)&!(**!4\$**.)59' !\$38' %+(8\$() !&)\$8' 3)&:101' &' !
' ** 2)' 8!#4452' %&!%' 6%' &' 3)!1' !&)\$8' 3)!=#8?:!H' +\$*(%!9' ')53+&!(% !1' *8!)#!85&2\$&&!2(96\$&!5&&\$' &4)#!
(@(%8!4\$3853+!)#1&)\$8' 3)!#%+(350()5#3&4(38!)#!6*(3!(2)575)5' &!1%#\$+1#)\$!)1' !?' (%:1;3!(885)5#34KWD!
1#&)&!&' 7' %(*!9(>#%&' 7' 3)&!(21!?' (%(38!6*(?&! (38!53)' +*(!6(%)!53!&1 (653+!)1' !2(96\$&!2#99\$35)??:!

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81:) +&1!8+*?\$/+, !

; 00&%&, 1*+(.%/0#1%(. #3' &\$#(&1", 38*%&, 1(&2(* *&+*4+#(&1(%6#(. %/0#1%(C*104, , D(

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K**8#*-.)\$@: >\$\#. &#@*-' : \$U/01234/25d3/W\$

D*7' %35(!J357' %&5)?!75' @&!()1**)52&!(&!(3!53)' +*(12#96#3' 3)!#4!)1' !#7' %(**! 8\$2()5#3(*!95&&5#3:!D*7' %35(!
5&!(!9' 9=' %!#4!)1' !] 588** !D)*(3)52!"#34' %' 32' !h] D"i4)1' !G(&)' %3!"#*** +5()!D)1**)52!"#34' %' 32' !
hG"D"i4(38!)1' !! ()5#3(*!"#*** +5()!D)1**)52!"#34' %' 32' !h! "DDi4V575&5#3!;;;:!01' !\$357' %&5)?!1 (&!(8#6)' 8!
)1' !V575&5#3!;;;:!615#=?!&())' 9' 3)!(&!5)&!#@3!(38!4#**#@&!1' !+\$58' *53' &!#4!V575&5#3!;;;:!

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01' !V' 6(%)9' 3)!#4!D)1**)52&!(38!H' 2%' ()5#3!^#*52?!U(38=##B!#)\$*53' &!1' !615#=?!#4()1**)52&!()!
D*7' %35(! (38!)1' !%' &6#3&5=5'5)?!#4!)1' !D)1**)52!V5%' 2)#%42#(21' &4&)(444(38!&)\$8' 3). ()1**)' &:1;34#%9()5#3!
53!)1' !1(38=##B!532*\$8' &4=\$)!5&!3#)!*595)' 8!)#)1' !4#**#@53+c!(2(8' 952!' *5+5=5'5)?!(38!%' &6#3&5=5'5)' &4
(*!' &6#3&5=5'5)' &42#99\$35)?!&' %752' 42*(&&!(= &' 32' 453&\$%(32' 47(%&5)?!&())\$&4(@(%8&4!%#** !#4!
()1**)52&!53!)1' !#) (*!2#*** + !95&&5#34&)\$8' 3). ()1**)' !(875&#%?!2#995))' !hKDD"i4(38!)1' !! "DD!
&\$99(%?!%' +\$()5#3&! (38!2' %)5452()5#3!534#%9()5#3:!

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D*7' %35(!J357' %&5)?!&6#3&#%&!53)' %2#*** +5()!)' (9&!4#%!9' 3!53!7#*** ?=(**44#)#=(**4@%' &)*53+42%#&&.

J' ' [])*' /01234/25dg1W\$

01' !=##B'#% ' !5&!#2() ' 8!#3!)1' !45%&)I4*##%#4!)1' !K)\$8' 3)!'' 3)' %:!0' P)=##B&'\$66*5' &'#4)@(% ' <2*#)153+<
(38!+54)&!2(3!=' !6\$%21 (&' 8!#3*53' :!0' P)&!9 (?!=' !652B' 8!\$6!53!)1' !=##B'#% ' !#%'1566' 8!85%' 2)*?!#?!#?#\$%&
1#9' !#%'6^ (2' !#4!=\$&53' &&#!:3!(885)5#3<D*7' %35(!J357' %'5)?!3#7' *)5' &'+%' ')53+!2(%8&'3 (2B&'8%#3B&'
6#')+ !')(96&'461#3' !2(%8&'46%' .6(?!61#3' &'+* 2)%#352&'4(38!+' 3' %(*!1' (*)1!(38!=' (\$)?!5)' 9&! (% ' !
(7(5^ (= ' !53!)1' !'#%' :!

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K)\$8' 3)&!9 (?!\$&' !2('1<21' 2B&'49#3' ?!#%8' %&'42%' 85)!2(%8&!#%#453 (325(*!(58!h@1' 3!(66*52 (= ' !i4#%#53.'#%' !
6\$%21 (&' &#!0%8' %&'16^ (2' 8!#3!)1' !:3)' %3')!9 (?!=' !6(58!@5)1!(!2%' 85)!2(%8!#%#453 (325(*!(58!h@1' 3!
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N@?9C)\$! "C**8#x002F;01234/256g1W\$

D*7' %35(!6%#758' &!(!2(96\$&!&1\$))' !=')@' ' 3!' #''' + ' 0#@3' <_ ' %3(%853' !U(*<)1' !^EGx!(38!)1' !D3+' *52(!
6(%B53+!#%#x27;:!01' !&1\$))' !&21' 8\$*' !5&!(7(5^ (= ' !#3!)1' !\$357' %'5)?!@' ='5)' !:3!)1' !' 7' 353+!\$6#3!%' N\$' '<
D*7' %35(!2(3!(*#%#x27;16%#758' !)% (3&6#%#x27;) (5#3!)#!)1' !_DHOD!H#%) !R-!=\$&!'#6!()!)1' !2#%3' %'#4!_##B*53' !^*(0(!
(38!E(32(&)' %'D7' 3\$' :!D!&6' 25452!_DHOD!=\$&!&21' 8\$*' !2(3!=' !4#%\$38!()!@#@@:=(%) (= \$&:2#9:!)K)\$8' 3)!
@5&153+!)#!\$)5'50' !' 7' 353+!)% (3&6#%#x27;) (5#3!)#!)15&!=\$&!'#6!&1#%\$8!2 (**!^\$ = *52!K(4')?!heR-.TSe.d/c-i!)#!
9(B' !(%#x27;(3+' 9' 3)&:!

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; -: -: E\$I #&(-.#)x002F;01234/25dddW\$

D*7' %35(b'4###8j85353+!&' %752' !5&!6%#758' 8!=?!D*(8853!A##8!]) (3(+ ' 9' 3)!K' %752' <:32:!D**!' &58' 3)!
'\$8' 3)&!(% ' !%' N\$5%' 8!#)6(%)5256() ' !53!)1' !9' (*!6^ (3!6%#758' 8!=?!)1' !\$357' %'5)?!2#99\$)' %'#4)\$8' 3)&<
75'#%'!(38!#)1' %'9' 9=' %'#4!)1' !D*7' %35(!2#99\$35)?!9 (?!\$&' !)1' !85353+!4(25'5)5' '#3!(3!X (**!#?#\$!2(3!
')Y!=(&5'4#%#x27;(!&')!2('1!6%52' :!K)\$8' 3)&!#3!(!9' (*!6^ (3!9\$')!6%' &' 3!)1' 5%!Vj9' (*!2(%8!#)!)1' !2('15' %'#4)!
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I@,#* <\$@: >\$!#.C&-* <0\$+,,-.#\$\$,%CB8-.\$!@,#* <\$U/01234/256g1W\$

P). ' &* \$I #& (-. # \$U / 01234 / 256g1W\$

D*7' %35(!^\$=*52!K(4')?!#44' %&!4%' ' !' &2#%)!&' %752' !4#%&)&\$8' 3)&! (38!&) (44!@1#!3' ' 8! (&&5&) (32' !)% (7' *53+!#3!

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01'!(89535&)%()5#3!#4!)1'!D*7'%35(!J357'%&5)?!2#99\$35)?!5&16%#758'8!4#%=?!)1'!6#*525'&!&()8!53!)15&!2()(*#+:!D))'38(32'!)!D*7'%35(!5&!(!6%575*'+'!(38!3#)!(!%5+1)!:_?!%' +5&)'%53+<!)1'!&)\$8'3)!2#32'8'&!#)!1'!\$357'%&5)?!1'!%5+1)!#!%'N\$5%'!15&j1'%'@5)18%(@(*:!H'N\$'&!4#%@5)18%(@(*!2(3!='!9(8'!)!(!3?!59'!)5!5&!8' '9'8!3'2'&&(%?!)#!&(4'+\$(%8!)1'!58'(*&!#4!21(%(2)'%!(38!&21#*(%&156!(38!)#!&'2\$%!2#96*5(32'!@5)1!%' +\$*)5#3&:!

01'!\$357'%&5)?!'&'%'&!1'!%5+1)!#!21(3+'!5)!&!(895&&5#3<!%' +5&)%()5#3<+%(8\$()5#3!#%453(325(*!%'N\$5%'9'3)!&!3'2'&&(%?:!G7'%'?!44#%)!5&!9(8'!)#!6%#758'!(87(32'!534#%9()5#3!%' +(%853+!&\$21!21(3+'&:!

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K)\$8'3)!&(!%#!%*?'!%'&6#3&5=*!4#%!(&&\$%53+!)1()!1'5%!(2(8'952!6%#%+(9!2#96*5'&!@5)1!)1'!6#*525'&!#4!)1'!\$357'%&5)?!:D875&#%&!(%'!6%#758'8!)#!(&&5&!)&)\$8'3)!&53!6*(3353+!)1'5%!(2(8'952!6%#%+(9!(38!)1'?'!(&&5&!)@5)1!2#%\$&'!&'*2)5#3!(38!%' +5&)%()5#3!:D875&#%&!(%'!3#)!(\$1#%50'8!)#!21(3+'!'&)(=*5&1'8!6#*52?!#4!)1'!\$357'%&5)?!:

O#/4+% *\$,!A+'*++!C+T: \$*+O+&1,!

0#!%'2'57'!(!_(21'*#%#4!D%)&!#%!(!_(21'*#%#4!K25'32'!8'+%'!'!()!D*7'%35(!&)\$8'3)!9\$&!&\$22'&&4\$**?!2#96*')'!(!95359\$9!#4!R, /!&'9'&)'%2%'85&:!01'!)#)(*!9(?!7(%?!(22#%853+!)#)!1'!9(>#%16%#%+(9:!)K)\$8'3)!&9\$&!215'7'!(!, :-!2\$9\$*(57'!+%(8'!6#53)!7'%'(+!hW^Di!53!(**!2#96*')8!2#%\$&'&:!'^*'(&!#3#)'!1()!&6'25452!9(>#%&!9(?!2(%%?!15+1'%'W^D!%'N\$5%'9'3)!&!A\$%)1'%'&(**!%'N\$5%'8!2#%\$&'&!9\$&)!=!6(&&'8:!'K'!'!6%#%+(9!8'&2%56)5#3&!(38!2#%\$&'&!#4!&)\$8?!53!)15&!2()(*#+!4#%!(3?!6%#%+(9.&6'25452!+%(8'!6#53)!%'N\$5%'9'3)!&!K)\$8'3)!&9\$&!2#96*')'!kc!#4!)1'5%!(&!e-!2%'85&!)!D*7'%35(!J357'%&5)?!:K)\$8'3)!&9\$&!2#96*')!R, !2%'85&!53!)1'!9(>#%!(38!S!53!)1'!953#%!(!D*7'%35(!J357'%&5)?!:

D3?!&)\$8'3)!&!%'N\$'&53+!(!7(%5(32'!4%#9!8'+%'!'!%'N\$5%'9'3)!&9\$&!6'5)5#3!)1'!D2(8'952!K)(38(%8&' '#995))'!'!53!@%5)53+!(38!&1#*\$8!&\$=95)!&\$66#%)53+!8#2\$9'3)!&4%#9!)1'5%!(2(8'952!(875&#%&!(&!@'**!(&!4%#9!)1'!'%'7(3)!8'6(%9'3)!&:!'#3(2)!1'!H'+5&)%(%&!Q4452'!4#%!)1'!D2(8'952!K)(38(%8&' '#995))'!

%' N\$5%' 9' 3)&!D**!(&()' !8' +% ' !2(3858()' &!9\$&!2#96**)' !/-!#4!)1' 5%!(&!e!2%' 85)&!()!D*7' %35(!
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- Z D**!&)\$8' 3)&!9\$&!2#96'')' !(!95359\$9!#4!S!2%' 85)&!()!1' !/-jk--!' 7' *!()!D*7' %35(!J357' %&5)?!53!)1' 5%&9 (>#%&:!
- Z J6!)#!Tc!2%' 85)!1#\$%&!9 (?=' ! (22' 6)' 8!4%#9!%' +5#3 (**?! (22%' 85)' 8!2#99\$35)?<-\$35#%&#%&#)1' %&@#.' ?' (%&2#***' +' &:!
- Z M5)153!)1' !+\$58' *53' &! &) (=5&1' 8! (=7' <= (21' *%&h&!8' +% ' !6%#+% (9&!%' N\$5%' !()!'' (&!R, /!2%' 85)&:!

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- D: "#96'')53+!2#\$%&' &!()!D*7' %35(!J357' %&5)?!:
- _: 0%(3&4' %&53+!(66%#7' 8!2#\$%&' !2%' 85)&!4%#9!#)1' %&2#***' +' &!(38!\$357' %&5)5' &:!
- ": K\$22' &&4\$***?!2#96'')53+!(!8' 6(%' 9' 3) (**?! (89535&)' %' 8!21 (**' 3+' !' P(953()5#3!4#%& (12#\$%&' !53!)1' !2\$%&' 3)!2() (*#+:!
- V: H' 2' 5753+!2%' 85)!4#%&)1' !4#**#@53+!2%' 8' 3)5(*&!53! (22#%8(32' !@5)1!)1' !6#*525' & (38!6%#2' 8\$%' &!2\$%&' 3)*?!53! 44' 2)!()!D*7' %35(!J357' %&5)?C!
D9' %52(3!'' #***' +' !0' &)53+j ^%#4525' 32?!GP(953()5#3!^%#+% (9!hD'' 0j^G^i!
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)1' !9588*' !#4!)1' !4(**!(38!&6%53+!&' 9' &)' %&:;!(!&)\$8' 3)!%' +5&)' %&!8\$%53+!(87(32' 8!%' +5&)%()5#3!(38!)1' 3!

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D!&)\$8' 3)!@5&153+!)#!((\$85)!(12#\$%&' !9\$&)!&\$=95)!(!@%)' 3!%' N\$' &!)#!)1' !H' +5&)%(%b&!Q4452' :!015&!%' N\$' &!)
9\$&!532*\$8' !)' 1' !&5+3()\$% &!#4!)1' !53&)%\$2)#%#537#*7' 8!(38!)1' !&)\$8' 3)b&!(2(8' 952!(875&#%:!D4)' %!)1' !45%&!)
@' ' B!#4!2*(&&' &!3#!%' 59=\$%&' 9' 3)!5&!9(8' !@1' 3!21(3+53+!4%#9!2% 85)!)#!((\$85):!01' !8' (8*53' !4#%!)5)1' %
% N\$' &!5&!)1' !45%&!)@' ' B!#4!53&)%\$2)5#3!#4!2\$%#)3)!&' 9' &)' %:!! #!2% 85)!#%#+(8' !5&!' (%3' 8!4#%!((\$85)53+!)
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4(2)#%&!53!(2(8' 952!(215' 7' 9' 3):!K)\$8' 3)&!(%' !' P6' 2)' 8!)#!(!))' 38!(*!2*(&&' &d)(B' !' P(9&!8\$%53+!
&21' 8\$** 8!)59' &d(38!(%' !%' &6#3&5=*' !4#%#(9')' %5(*!2#7' %' 8!53!2*(&&:;!3&)%\$2)#%&!(%' !' P6' 2)' 8!)#!' 6#%!)
&)\$8' 3)&!@1#&' !(= &' 32' &!(%' !' P2' &&57' :!D)!1' !85&2%')5#3!#4!)1' !53&)%\$2)#%&' P2' &&57' !(= &' 32' &!#%
)(%853' &&!9(?!%' &\$*)!53!(!#%@' %' 8!+% (8' !#%#4(5*\$%' !4#%!)1' !2#\$%&' :!;385758\$(*!53&)%\$2)#%&!9(?!58' 3)54?!
9#%' !&6' 25452!())' 38(32' !%' N\$5% 9' 3)&d@1521!(%' !2* (%'?!&)()' 8!53!)1' !2#\$%&' !&?*(=\$&:!Q)1' %!+\$58' *53' &!
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6%#+(9!85% 2)#%#4!)1' !3' @!9(>#%:!01' !' 1(3+' !#4!])(>#%#4#%9!#)=(53' 8!4%#9!)1' !H' +5&)%(%b&!Q4452' <5&!
2#96*')' 8!(38!%')\$%3' 8!)#!)1' !H' +5&)%(%b&!Q4452' :!01' !8' 6(%9' 3)!21(5%6' %!#%#6%#+(9!85% 2)#%
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%' 6' ()' 8!2#\$%&' &!@' %' !' (%3' 8!53!2*(&&!()!D*7' %35(\!3' 5)1' %!9(?!=' !=?!2#%' &6#38' 32' !#%=?!&)\$8?!()!
(3#)1' %!53&5)\$)5#3:!K)\$8' 3)&!9(?!=' !%' N\$5%' 8!)#!\$&' !)' 1' !%' 6' ()j8' **)' !#6)5#3!)#!4\$*45**!&6' 25452!
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D!&)\$8' 3)!%(3&4' %53+!)#!(!3' @!9(>#%!= ' 4#%' !' (%353+!e-!2%' 85)&!1(&!)' 1' !#6)5#3!#4!' N\$' &)53+!)1()!1' !
V' 6(%)9' 3)!'' 1(5%8' **)' !56!)#!Rc!2%' 85)&!4%#9!)1#&' !' (%3' 8!53!)1' !#*8!9(>#%:!01' &' !2%' 85)&!9(?!3#)!
532*\$8' !%' N\$5%' 9' 3)&!4%#9!)1' !+' 3' %(*!' 8\$2()5#3!2#%<!)1' !3' @!9(>#%#%+%(8\$()5#3!%' N\$5%' 9' 3)&:!01' !
V' 6(%)9' 3)!'' 1(5%9\$&!)&\$=95)!15&#%1' %!%' N\$' &)4#%8' **)' 5#3&!)#)1' !D2(8' 952!K)(38(%8&!' #995))' ' !
\$&53+!)1' !53)' %3(*!)(3&4' %!4#%9!:01' !&)\$8' 3)!9\$&!652B!\$6!)1' !4%#9!4%#9!)1' !H' +5&)(%&!Q4452' !)#!535)5()!
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(38!(**!+(8' &!(%' !2#96\$)' 8!53!)1' !W^D:!! #!+(8' !#4!X'' Y!h, :-i!#%15+1' %!9(?!=' !8' **)' 8!:01' !53)' %3(*!
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&)\$8' 3)b&!)%(3&2%56)!% 4* 2)&!(**!2#\$%&' &!) (B' 3<1' 7' 3!54!3#)!2#96\$)' 8!53!)1' !W^D:!
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^%#2' 8\$%' &!4#%#% 6#%)53+!(**' + ' 8!6*(+5(%5&9!@5**!= ' !2*#&' **?!(81' %' 8!)#<1(22#%853+!)#!\$357' %&5)?!6#*52?!(38!
6%#2' 8\$%' :!^*(+5(%5&9!5&!)1' !4(5'\$%' !)#!25)' !(!&#%\$2' <8' *5=' %()' *?#%!(2258' 3)(**?16%' &' 3)53+!(&!?#\$%#%#3!
@#%B!@#%8&!#%58' (&!#4!(3#)1' %!h=0' &' 01%#&=0. 7&((W!i: !015&!532*\$8' &!=)\$!5&!3#)!*595)' 8!)#C!

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[1\)\)6&Cjj\)&#%8' %&\)\\$8' 3\)2* \(53+1#\\$\\$& :#%+j&21##*j&' * 2\)! #!\)\(3&2%56\)!h#44525\(*!#%&\\$3#44525\(*!@5**!= ' !](#)
%*'' (&' 8!\$3)5!(*!453(325(*!#=#5+()5#3&!)#)1' !5357' %&5)?!1(7' !=' ' 3!9'):!
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9(?!75' @!(38!6%53)!1' 5%&\$3#44525(*!)(3&2%56)&!4%#9!)1' 5%&K' *4.K' %752' !(22#\$3)!=?!2*52B53+!XJ3#44525(*!
0%(3&2%56)Y!\$38' %&!)1' !XW%(8' &Y!)(=:

5\$14)*#P#%H*. O!14+!>&\$?+*, \$1@!

D!&)\$8' 3)!@1#1#7#*\$3)(%5?!)@5)18%(@&!4%#9!)1' !5357' %&5)?!9\$&!3#)54?!1' !(66%#6%5() ' !5385758\$(*&4(&!
58' 3)545' 8!=' *#@4#4!15&j1' %&53)' 3)!#!@5)18%(@:!' #99\$352()5#3!9(?!=!@5))' 3!#%&#%(*:;!4!)1' !
2#99\$352()5#3!5&!#%(*&!)1' !6' %!6%#75853+!)1' !534#%9()5#3!9\$&!=' !(=*!)#!7' %54?!15&j1' %&58' 3)5)?!(&!
)1' !&)\$8' 3)!#%&(66%#7' 8!%' 6%' &' 3)()57' !#4!)1' !&)\$8' 3)!=?!6%#75853+!%' N\$' &)' 8!58' 3)54?53+!534#%9()5#3!
&\$21!(&4=\$)13#)!595)' 8!#C!&)\$8' 3)!;V4(*!&' 2\$%5)?!3\$9=' %&48() ' !#4!=5%)14' 9(5'!(38j#%&9(5*53+!
(88%' &&:!01' !5357' %&5)?!%' &' %7' &!1' !%5+1)!#!%' 4\$&' !(22' 6)53+!#%(*!534#%9()5#3!54!5)!5&!532#96*')' !#%&
2(33#)!=' !7' %545' 8!(38!9(?!%' N\$5%' !)1' !%' N\$' &!)#!=' !6%#758' 8!53!@5)53+:!0%(85)5#3(*!\$38' %+% (8\$() ' !
&)\$8' 3)!&1#*\$8!2#3)(2)!1' !Q4452' !#4!K)\$8' 3)!A53(325(*!K' %752' &!D8\$*)!\$38' %+(8\$() !&)\$8' 3)!&1#*\$8!
2#3)(2)!1' !K21##*!#4!W%(8\$() ' !(38!D8\$*)!G8\$2()5#3!:!4!(!&)\$8' 3)!3#)545' &!(!4(2\$*)?!#%&)(44!9' 9=' %&#%&
8' 6(%9' 3)!#)1' %&!)1(3!#3' !#4!)1#&' !5&)' 8!(=#7' 4!)1' !5385758\$(*!3#)545' 8!&1#*\$8!9(B' !' 7' %?!' 44#%!)#!
599' 85() '*?!3#)54?!1' !(66%#6%5() ' !5385758\$(*!#%&8' 6(%9' 3)4(&!5&)' 8!(=#7' 4#4!)1' !&)\$8' 3)!b&!
3#)5452()5#3!(38!6%#758' !8#2\$9' 3)()5#3!54!(7(5'(*!!(38!(&!

4#%!(**!2#\$%&'!% N\$5%' 9' 3)&!(&!#\$)*53' 8!53!2#\$%&'!&?*(=5:!K\$21!&)\$8' 3)&!&1#*\$8!6%#758'!)1' 5%l6%#4' &&#%&! @5)1!8()&!#4!' P6' 2)' 8!(=&' 32' !(&!!(&!6#&&5=* !&#!)1()!)1' ?!2(3!(%%(3+'!)#!9(B'!\$6!(3?!2#\$%&'! %' (853+&!(38!(&&5+39' 3)&!95&&' 8:!

- . &G(/#)+O\$!/A\$, O\$, , #%

K)\$8' 3)&!9(?!= ' !85&95&&' 8!4%#9!)1' !\$357' %&5)?!4#%l3#3. (2(8' 952!%' (&:!Q3*?!))1' !F52' !^%' &58' 3)!4#%l G3#%#**9' 3)!&!(38!K)\$8' 3)!GP6' %6' 32' !9(?!85&95&&!(!&)\$8' 3)!4%#9!)1' !\$357' %&5)?!4#%l3#3. (2(8' 952! %' (&:!K' '!)1' !J38' %+%(8\$()!K)\$8' 3)!U(38=#B!4#%l8') (5*!#3!)15&l6#*52?:!

<#O\$@B): /#1\$. &#%C\$' 41, !#&)!F*\$?#/@!(/!!

01' !\$357' %&5)?!4#%#&!1' !6%#75&5#3&!#4!)1' !A(95*?!G8\$2()5#3(*!H5+1)&!(38!^%67(2?!D2)!#4!RSTk!hAGH^Di:!
J38' %l)15&!(2)4' 8\$2()5#3!% 2#%8&!#4!&)\$8' 3)&!(% !3#)!% ** (&' 8!' P2' 6)!=?!@%6)' 3!2#3&' 3)!&!(38!%' N\$' &)!#4!
' *5+5=* !&)\$8' 3)&!GP2' 6)5#3&!(% !9(8' !53!(22#%8(32' !@5)1!)1' !*(@!)#!(%)1#%60' 8!6' %&!@5)153!)1' !
\$357' %&5)?4)#!(\$)1#%60' 8!(+' 325' &!#\$)&58' !)1' !\$357' %&5)?!(38!*#2(*! 8\$2()5#3!(+' 325' &!@1#1(7' !=' ' 3!
8')' %953' 8!)#11(7' !* +5)59()!' ! 8\$2()5#3(*!53)' % &!(38!(% !&6' 2545' 8!53!)1' !\$68()8' (3\$(%?!/4, -R, !D2):!
G*5+5=* !&)\$8' 3)&!9(?!53&6' 2!)1' 5%l% 2#%8&!=?!&\$=95)53+!(!@%6)' 3!%' N\$' &!)#)1' !H' +5&)%(!A#%l9#%' !
534#%9()5#3!#3!)1' !(=55)?!)#!@ (57' !AGH^D!%6+1)&46** (&' !2#3)(2!)1' !H' +5&)%(%&!Q4452' :!

01' !A(95*?!G8\$2()5#3(*!H5+1)&!(38!^%67(2?!D2)!#4!RSTk4!(&!(9' 38' 845&!(!4' 8' %(*!(@!)1()&())' &!h(i!)1()!(! @%6)' 3!53&5)\$)5#3(*!6#*52?!9\$&)!= ' ! & (=5&1' 8!(38!.253.9998' (*)11.336-1.8214cmBT-(')q0498' (*)11.3353.9998()

8+*?\$/+O+OR+*,!E77.*1: &\$1@!; .%t+ ,!

D*7' %35(!J357' %85)?!595)&(2(8' 952!%' &58' 32?!)#!3#!9#%' !1(3!, c!6' %2' 3)!#4!)1' !8' +% ' !%' N\$5%' 9' 3)&!
4#%!(**!\$38' %+(8\$() ' !8' +% ' &!4#%!(2)57' .8\$)?!&' %752' 9' 9=' %&!D2(8' 952!%' &58' 32?!2(3!=' !2#96'')' 8!()!
(3?!59' !@15' !(2)57' .8\$)?!&' %752' 9' 9=' %&!(% ' !' 3%#*** 8:!H' &' %75&)&(38!| ()5#3(*!W\$(%8&9' 3!#3!(2)57' .
8\$)?!(% !2#7' %' 8!53!)1' !&(9' !9(33' %!^%#+(9&!1()!%' N\$5%' !2*5352(*!#%45' *8!6*(2' 9' 3)!&\$21!(&!3\$%&53+d
#22\$6()5#3(*!)1' %(6?<! 8\$2()5#3<!)2:<!(% !&\$=> 2)!#!(2(8' 952!(66%#7(*!

(; (AB" 3; !EFFEC=> -3=3B8!

N' :)' &*-C?N8@))#)\$

D*7' %35(!J357' %85)?!5&!(!9' 9=' %4!)1' !U5+1' %!G8\$2()5#3!'' #325!#4!_' %B&!'' #3\$)?!:01' !#)1' %9' 9=' %&!#4!
)15&!2#\$325!(% !D'=%5+1)!'' #*** + ' <v\$)0#@3!J357' %85)?<!^' 33!K() '_ ' %B&<(38!H' (853+!D%' (!'' #99\$35)?!
'' #*** + ' !A\$**)59' !)%85)5#3(*!8(?!\$38' %+(8\$() ' !&)\$8' 3)&!1(7' !1' !#66#%)\$35)?!)#12%#&&!%' +5&)' %4#%#3' !
2#\$%&' ! (21!%' +\$*(%&' 9' &)' %!(3?!#3' !#4!)1' !#)1' %!2#3&#%)5\$9!2#*** + ' &!38!)1' ?!(% !=5*** 8!)1%#+\$+1!
D*7' %35(!'' #3\$&' &!)B' 3!@5**=' !)' %' ()' 8!(&!)3&4' %!2#\$%&' &<(38!)1' %' 4#%' !1' !+%8' !@5**!3#)!%3&4' %<
#3*?!1' !2%' 85):!01' !&)\$8' 3)!9\$&!)!#)!#)1' !H' +5&)%(%&!Q4452' !()!D*7' %35(!J357' %85)?!)#!&)(%)!1' !6%#2' &&!
D*7' %35(!=5**53+!6#*525' &!(66*?!

f&@>C@*#\$+99' &*C: - *#)\$@*\$K8(#&: -@M: -(#&)- *<\$

D*7' %35(!J357' %85)?!#44' %&!353' !9(&' %h&!8' +% ' &C!] (&' %!53!_ \$&53' &&!D89535&)%()5#3\!] (&' %!#4!
G8\$2()5#3\!] (&' %!#4!D%&!53!)1%' !6%#+(9&C!'' *5352(*!'' #3& *53+dQ%+(350)5#3(*!E' (8' %&156!(38!
E' (8' %&156!4#%K\$&)(53(=* !'' #99\$35)\$&!] (&' %!#4!K25' 32' !53!| \$%&53+!] (&' %!#4!K25' 32' !53!
Q22\$6()5#3(*!01' %6?<] (&' %!#4!K#25(*!M#%B!(38!]) (&' %!#4!K25' 32' !53!D)1**)52!0%(5353+!h] KDOI: !A#%!)1' !
] :_ :D: <] :D: <] :G8: <(38!] :K: ! :&)\$8' 3)&!1(7' !1' !#66#%)\$35)?!)#)!(B' !&5P!+%8\$() ' !2%' 85)&!8\$%53+!)1' 5%
&' 35#%?' (%!54!)1' &' !+%8\$() ' !2%' 85)&!(% !=?#38!(38!53!(885)5#3!)#(!**!)1' 5%\$38' %+(8\$() ' !8' +% ' !
%' N\$5%' 9' 3)&!D!V#2)#%#4!^!7&52(*!01' %6?!hV^0i!#44' %&!(! /o!?' (%!#6)5#3!(*# @53+!_ :Q<_ :Qj'' UG<U'' K!
(38!^KL!&)\$8' 3)&!#!=+53!)1' !6%#4' &&5#3(*!61(&' !#4!)1' !2\$%52*\$9!53!)1' 5%& 35#%?' (%!D*7' %35(!
J357' %85)?!(*# !#44' %&!(!^1:V: !6%#+(9!53!E' (8' %&156!(38!(!V#2)#%#4!| \$%&53+!^%(2)52' !hV! ^i: !^#&).!
_(22*((\$' ()' !3\$%&' &!2(3!21#&&' !4%#9!)#@!)%2B&!#4!&)\$8?C!D8\$)!W' %#3)#*# +?!#%A(95?!! \$%&' !
^%(2)5)5#3' %!
!

01' !U#3#%&!^%#+(9!#44' %&!&)\$8' 3)&!1' !#66#%)\$35)?!#121 (** 3+ ' !)' 9&' *7' &!1%#+\$+1!533#7()57' !(38!
59(+53()57' !2\$%#52\$*(!K)\$8' 3)&!(%' !' 32#\$%(' + 8!)#!' P2' *!(2(8' 952(**?<!)#16% 6(%' !4#%&+(8\$() ' !(38!
6%#4' &&5#3(*!&21##*<!(38!)#16(%)5256() ' !53!' (8' %&156!(38!&' %752' !#66#%)\$35)5' &!01' !6%#+(9!6%#758' &!2#.
2\$%#52\$*(%!(2)575)5' &<#&' %752' !#66#%)\$35)5' &<!(38!53)' *** 2)\$(! (38!(*!&\$66#%)<!(8853+!&5+35452(3!)
859' 3&5#3!)#!)1' !&)\$8' 3)b&!(2(8' 952!6%#+(9:!

A' : ' &\$! *C>#: *)\$@�\$

- Z K)\$8' 3)&!@5)1!KDO!&2#%' &!#4!R/--!#%15+1' %&!(!15+1!&21##*!+% (8' !6#53)! (7' % (+ ' !hW^Di!#4!/:<#&!
#%!' 3)' %&!1' !6%#+(9!\$6#3!)3)%(32' !)#!)1' !5357' %&5)?:!
- Z K)\$8' 3)&!@1#!(215' 7' !(!W^Di!#4!/:!#%15+1' %&53!)1' 5%2#\$%&' @#%B!()!D*7' %35(<#%&!@1#!)%(3&4' %!
53!1(753+!())(53' 8!(!/:!W^Di!()!(3#)1' %&53&5)\$5#3<9(?!6')5)5#3!)1' !U#3#%&!V5% 2)#%&4#%&!
' 3)%(32' !)#!)1' !6%#+(9!#%&9(?!=' !5375)' 8!)#!#53!4##**#@53+!(14(2\$*)?!%' 2#99' 38()5#3!)#!
)1' !V5% 2)#%&!A#%&' 3)%(32' <!)1' !&)\$8' 3)!5&!% N\$5% 8!)#!9' ')!@5)1!)1' !V5% 2)#%&!&\$=95)!6%#&4!
#4!15&!#%&1' %&2\$%# 3)!W^D<!(38!&\$=95)!(!&)() ' 9' 3)!#4!53)' % &!D885)5#3(*!9() '%5(*&<#&\$21!(&!
)%(3&2#56)&!#%&'))' %&!#4!% 2#99' 38()5#3<9(?!=' !% N\$5% 8:!

U#3#%&!&)\$8' 3)&!9\$&!2#96**)' !(13\$9=' %!% N\$5% 9' 3)&!53!#%8' %&!)#!+% (8\$() !4%#9!)1' !U#3#%&!
^%#+(9!(38!' 2' 57' !)' 1' !85&532)5#3!#3!)1' !&)\$8' 3)b&!)%(3&2#56):!K' ' !U#3#%&!V5&532)5#3!53!)1' !D2(8' 952!
:34#%9()5#3!&' 2)5#3!#4!)15&12()(*#+:!

0: >#9#: >#: *\$! *C><V; -&#.#>\$! *C><\$

;38' 6' 38' 3)!&)\$8?!5&!(7(5*(=' !4#%&)\$8' 3)&!(='#7' !4% &19(3!&)(3853+!h/-o!2%' 85)&!@5)1!)1' !(66%#7(*!#4!
)1' !21(5%6' %!#4!)1' !8' 6(%)9' 3)!(38!)1' !(2(8' 952!V' (3!53!@1521!)1' !2#\$%&' !5&!#44' %' 8:01' !9() '%&(!
53!538' 6' 38' 3)!&)\$8?!2#\$%&' &!9(?!3#)!8\$6*52() ' !(3?12#\$%&' !%' +\$(*?#!#44' %' 8!53!)1' !2\$%#52\$*\$9!#4!)1' !
\$357' %&5)?:!K)\$8' 3)&!@#%B!(&!538' 6' 38' 3)*?!(&!6#&&5=' !\$38' %&!)1' !85% 2)5#3!#4!(14(2\$*)?!9' 9=' %&' 3)&!1' !#66#%)\$35)?!P-1

0%(85)5#3(*C!D!)%(85)5#3(*!2#\$\$%&'!5&!&' &&' 3)5(**?!2*(&&%##9.=(&' 8<\$&53+!4(2' .)#.!4(2' !9' ')53+&!01' !
2#3)' 3)!5&!8' *57' %' 8!#%(**?<\$&53+!53.2*(&&!(\$85#.75&\$(*!9')1#8&4#%!53!@%6)53+;!Q3*53' !% &#\$\$%2' &!95+1)!=' !
\$&' 8!)#!' 31(32' !)1' !*' (%353+! P6' %6' 32' \!1#@' 7' %!*5))' !#%!3#!*' (%353+!)(B' &!6*(2' !=')@' ' 3!)1' !
53&)%\$2)#%!(38!&)\$8' 3)!#7' %!)1' !;3)' %3'):!

M' =.G31(32' 8C!01' !@' =.

*%2#\$%&'()

K)\$8' 3)&!@1#!1(7' !3#)!8' 2*(%' 8!9(>#%&!(%' !#44' %' 8!(885)5#3(*!&\$66#%)!)1%#\$+1!)1' !DK"!#!2#3)53\$' !
' P6*#%53+!)1' 5%53)' %' &!(38!8' 7' *#653+!)1' 5%!' 8\$2()5#3(*!6*(3:!

! 107%\$/1#@266(*#@%' -/1%"#

;3!)1' !&)(5%@(?!9535.

3&H. *O#1\$. &! = + / 4 &. % ' @!

01' !;34#%9()5#3!0' 213#*#+?!V' 6(%)9' 3!)!D*7' %35(!J357' %&5)?!9(3(+ ' &! (38!&\$66#%)&!\$357' %&5)?!
&?&)' 9&532*\$853+!' 9(5!(38!3')@#%B!(22#\$3)&d)1' !9?D*7' %35(16#%)(*d9\$*)5.9' 85!(38!2*(&&##9!
)' 213#*#+?d(38!#)1' %2(96\$&!&?&)' 9&:!

K\$66#%)!5&! (7(5*(=* !75(!)1' !D*7' %35(!J357' %&5)?!, k.1#%K' %752' !V' &Bd%' (21' 8!)!eR-.S, T., --d!hdcc.k-, .
/d, d!)#** .4%' ' i!#%K' %752' V' &Bm(*7' %35(:' 8\$:!!

0: , ' &?@*-' : \$! #. " : ' 8' E<\$. ' :)-)*\$' , \$*'' #\$, ' 88' G-: E\$)C99' &*%&#@\$
h@@@:(^7' %35(:' 8\$j5)jic!!

K998. @*-' : \$] @: @E#?# : *\$@: >\$! C99' &*\$
D66*52()5#3!] (3(+ ' 9' 3!) (38!K\$66#%)!5&!% &6#3&5=* !4#%&\$66#%)53+!\$3! ,-%' . /04#@%,)l@%' -/1%d(38!
2(96\$&! (89535&)%()57' !&?&)' 9:!

0:) * & C. *-' : @&\$; #)-E: \$@: >\$H#@&: -: E\$! #. " : ' 8' E-#)\$
G8\$2()5#3('!0' 213#*#+?!5&!#2() ' 8!53!_ ' %3(%853' !U(**!H#9!-, /!f] ' 85(!K\$5)' g-d(38!5&!% &6#3&5=* !4#%&)1' !
&\$66#%)! (38!)(5353+!4#%!_*(2B=#(%8d2*(&&##9!(66*52()5#3&d(38!85&)(32' !*' (%353+!2#%&' !8' 7' *#69' 3!)
(38!53&)%\$2)5#3:!] ' 85(!K\$5)' !&' %752' &!532*\$8' !758' #!(38!(\$85#!6%#8\$2)5#3d' 85)53+!% &#%\$2' &! (38!
6#&)' %j6%' &' 3)()5#3!6%53)53+!:

0: ,&@)*&C. *C&#]\$ @: @E#?# : *\$@: >\$! C99' &*\$
01' !;34(%)\$2)\$% !] (3(+ ' 9' 3!) (38!K\$66#%)!4452' !5&!% &6#3&5=* !)#!&\$66#%)!@5%' ** &&2#33' 2)575)?d
Q4452' /ec!' 9(5^d3')@#%B!#*#+#3&d1(%8@(' !&\$66#%)!4#%d\$357' %&5)?!#@3' 8!2#96\$)' %&d6%53)53+!(38!
+ ' 3' %(!)' 213#*#+?!&\$66#%):!

I #)' !)1()!2#96\$)' %!(= &!4#%&)\$8' 3)!\$&' !(%' ! (7(5*(=* !53!_ ' %3(%853' !U(**d)1' !E5=%(%?dF' %352(!U(**d
" (96\$&! " #99#3&! (38!)1' !^15' (8' *615(! (38!K21\$?B5**! " #99\$35)?!" (96\$&' &!M5%' ** &&! (22' &&!5&!
(7(5*(=* !53!(**!J357' %&5)?!=\$5*853+&!#3!(**!2(96\$&' &:!

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=4+!F*. ' *#O, !#&)!; . : * , + , !. H!81:)@YYY!

9997%"1' /&%7#+%' %/. #0' %&0" %7#26(. #' %0" (. 0&, %6' (1%1*/(. "#()#)012, *3#0-0/, 0&/, /*3#0. 7#066' (6' /0*#
12'' /12, 2\$#1 (. "/7%' 0*/(. "9#

! , -%'. /0#<. /-%' "/*3#%' %'-%''#'+%#'/8+*#* (#*' '\$/. 0*%#(' #\$(7/)3#6' (8' 0\$#%' A2/' %\$%. **4#1(. *%. *4#0. 7#
"%A2%. 1%#()#6' (8' 0\$#())%'/ . 8"#)' (\$#''%\$%' *%#*#* (#' %\$%' *%#*#) (' #7210*/(. 0, #' %0" (. "#5+ /1+ #/*#7%\$%' #
"2)) /1%. *#* (#50' '0. *#*21+ #01*/(. 9#

FCEDC(" 8!(- A!; E>C8B8!E<!8=>AZ!

D*7' %35(!J357' %&5)?!#44' %&!(&() ' &<!=(21' *#%&b&<19 (&)' %&b&<1(38!8#2)#%(*!8' +% ' &!;34#%9()5#3!#3!
9 (&' %&b&! (38!8#2)#%(*!8' +% ' &!2(3!=' !#)=(53' 8!=?!2#3)(2)53+!)1' !W%(8\$() '!(38!D8\$!)G8\$2()5#3!V575&5#3!
)!eR-.TSe.d, , d:!

K))' .-@*#\$' , \$! .-# : .# \$; #E&##)VN#&*-. .@*#)Q\$

D66*5' 8!U' (*)1!z!V\$(*!D895&&5#3!

@5)1!H' (853+!U#&65)(*!K21##*!#4!U' (*)1!K25' 32' &!!

D66*5' 8!K25' 32' !z!V\$(*!D895&&5#3!

@5)1! #&' 61!A:!] 2""#&B' ?!K21##*!#4!I \$%&53+!!

_\$&53' &&!hD8\$!)G8\$2()5#3i!

V5(+3#&)52!] ' 852(*!K#3#+%(61?!z!V\$(*!D895&&5#3!

@5)1!H' (853+!U#&65)(*!K21##*!#4!U' (*)1!K25' 32' &!!

01' #*#+?!!
01' ()%'!
!
J@. "#8' &\$' , \$! . - #: . # \$; #E&##)0\$
D22# \$3)53+!h0%(85)5#3 (*!u!D8\$*)!G8\$2()5#3i!!
_5#21' 95&)%?!
_5#*#+?!
_5#*#+?!] ' 852(*!E(=#%()#%?!K25' 32' !!
"1' 95&)%?!
"#96\$)' %!K25' 32' !!
G2#3#952&!
G* 2)%52(*!G3+53' ' %53+!!
G375%#39' 3)(*!K25' 32' !
A53(32' !h0%(85)5#3 (*!u!D8\$*)!G8\$2()5#3i!

N+] \$0100\$N' ?9')-.*' : \$@: >\$\#)#@&. "\$R\$6\$. &#>.*)\$

015&!2#\$\$%&' !5&! (3!53)%#8\$2)5#3!)#!)1' !2%5)52(!)153B53+<4%' (853+<4%' &' (%2153+<4(38!@%5)53+!&B5**&!1()!(
&)\$8' 3)!@5**!' 32#\$3)' %!53!(3!(2(8' 952!&'))53+;!K)\$8' 3)!@5**!' (%3!)#18' 7' *#6!)1' 5!##@3!58' (&!(38!
' &6#38!)#!)1' !58' (&!#4!#)1' %&:!K)\$8' 3)!@5**!'@%5)' !' &&(?&!53!(!7(%5')?!#4!(2(8' 952!9#8' &C!' P6#&5)5#3<
(3(*?&5&<!(%+\$9' 3)()5#3!(38!%' &' (%21:!K)\$8' 3)!@5**!' (%3!=#)1!D^D!(38!] ED!25)()5#3!&)?*' &:!' #\$\$%&' !5&!
(7(5'(=*' !#3*?(4)' %!6*(2' 9' 3)!=?!8' 6(%' 9' 3)(*!4(2\$*)?!K)\$8' 3)!9\$&!(215' 7' !|'' |!#%!= '))' %!)#!4\$*45**!
2#%' !%' N\$5%' 9' 3)&:!

!

!AP\$01g0\$L' C: >@*-' :)\$' , \$! ''# ' 8' E<\$R\$6\$. &#>.*)\$

K)\$8' 3)!&' P(953' !)1' !3()\$%' !#4!%' *5+5#3!(38!5)!%* ()5#3!)#!)1' %!(% (&!#4!1\$9(3! P6' %5' 32' :!

!

%A0\$01g0\$0: *&' >C. *-' : \$*' \$%' -8')' 9''<\$R\$6\$. &#>.*)\$

D!15&)%#52(*!53)%#8\$2)5#3!)#!)1' !4\$38(9' 3)(*!6#=#* 9&!(38!9')1#8&!#4!615*#=?!=(&' 8!#3!%' (853+&!53!
(325' 3)<49' 85' 7(*!(38!9#8' %3!*5)' %()\$%' :!

!

] 0; 2HPHPh\$H0JP\KH\$K\! I\$PK%H+\K!0+= \$ \$ \$ \$ \$ \$ d5Vd4\$N\P; 0! I\$

!

H@B\$I .-#:. #R\$627\$. &#>.*)\$

K)\$8' 3)!&6%(2)52' !&25' 3)5452!53N\$5%?!(&!(!9' (3&4#%!*' (%353+!(=#\$)!*54' !=?!2#96**)53+!/.k!2%' 85)&!#4!*(=!

0\$

H-*#&@*C&#R\$6\$. &#>-*)\$

K)\$8' 3)#96**)' !/!2%' 85)5!(3?!GI W!#%#)1' %!8' +3()' 8!E;0!2#\$\$&' !)#!+(53!(3!(66%' 25()5#3!#4!1\$9(3! ' P6%' #3!9(354' &)' 8!53!*5)' %())\$%' :!

!

L-: #@\$: >\$%#&,' &? -: E\$K&*)\$R\$6\$. &#>-*)\$

^%#9#)53+!(3!(@('% 3' &#!#4!2%' ()57' !6%#2' &#!(38!2%' ()575)?<4&)\$8' 3)#96**)' !/!2%' 85)5!(%)<9\$&52!#%#)1' ()!#2#\$\$&' &#!#)1' %!)1(3!AD!R--:!

!!

P! AONKH\$HPK; P\I\$K=; \$L+HH+__P\I\$2\$/N\P; 0! I 0\$

!"# ' 8' E<\$' &#%' -' 8')' 9" <\$R\$6\$. &#>-*)\$

_\$5'853+!\$6#3!)1' !A5%&).L' (%!''#%' !''\$%52\$*\$9<4&)\$8' 3)&!(87(32' !)' 1' 5%&)\$85' &!=?#2#96**)' 53+!#3' !

01' #*#+?!#%#^15'=?!2#\$\$&' !())1' !, --.k--!' 7' *:!OUG!R-c!#%#^U;!R-c!5&!(!6%' %' N\$5&5)' :!

!

P*"-.)\$@: >\$] ' &@8-*<\$R\$6\$. &#>-*)\$

D87(3253+!)1' !' P(953()5#3!#4!)152(*!'' (8' %&156!(38!9#%#(*!2#%\$(+<4&)\$8' 3)#96**)' !#3' !, --.k--!

** 7' *!^15'=?!#%#01' #*#+?!2#\$\$&' !8' +3()' 8!G)152&#hGi;!OUG!R-c!#%#^U;!R-c!5&!(!6%' %' N\$5&5)' :!

!

K)\$8' 3)#96**)' !#3' !U\$9(3!V57' %&5)?!hV!8' +3()' !2#\$\$&' !)#!8' 7' *#6!&' 3&5)575)?!)#@(%8&!)' !%5213' &#! #4!2\$)\$%' 5!)1' !J35)' 8!K() &!(38!@#%*8@58' !53!#%#532%' (&53+*?!53)' %8' 6' 38' 3)!+*#=(?!2#99\$35)?! :

\$

_\$5'853+!\$6#3!&B5**&!'' (%3' 8!53!"Q] !R-R4&)\$8' 3)#96**)' !#3' !M%5)53+!G31(32' 8!hMGI!8' +3()' !

2#\$\$&' !())1' !, --.* 7' *!#%#15+1' %<6%' 4' %(*?!53!)1' !9(>#%:1015&!2#\$\$&' !6%#758' &#!&2(44#*853+!=')@' ' 3!

"Q] !R-R!(38!"(6&)#3' !@%5)53+!' P6' %5' 32' &:!

!

K' %752' !(38!25752! 3+(+ ' 9' 3)15&!2' 3)%(*!)#!)1' !95#3!#4!D*7' %35(!J357' %&5)?!K)\$8' 3)#96**)' !k-!

2#99\$35)?!&' %752' !1#\$\$&!1%#\$\$+1!2%' 85).=' (%53+!&' %752' .!'' (%353+12#\$\$&' &<4&' %752' !)%56&!(38j#%#7#*\$3)' ' %!

@#%B:!"#99\$35)?!K' %752' !1#\$\$&!(% !6%#.%())' 8!4#%#)%3&4' %&)\$8' 3)&!=(&' 8!#3!)1' !2%' 85)&!(22' 6)' 8!53!

)%(3&4' %:!

!

K)\$8' 3)#3)53\$' !)' 1' 5%# P6*#%#)5#3!#4!G38\$%53+!I \$' &)5#3&!(38!&\$66** 9' 3)!&)\$8?!53!)1' 5%#9(>#%#=?!

21##&53+!4%#9!)1%' !6()1&!#4!B3#@*' 8+' !8' +3' 8!)#!53)' +%())' !'' (%353+!(38!6%#9#)' !6%#=* 9. &#*753+!()!

9#%' !(87(32' 8!* 7' *&!K)\$8' 3)&!@5)1!(!8#\$=* !9(>#%#53!@1521!#3' !9(>#%#5&!53!(!E5=' %(*!D%&!85&256*53' !

&())5&4?!15&!%' N\$5%' 9' 3):!E5=' %(*!%)&!85&256*53' &!(%' !%' 6%' &' 3)' 8!(2%#&&!1%' ' !#4!)1' !4#%#2#**' +' &<4(38!

532*\$8' C!D%<_5#*#+?<4!'' 1' 95&)%?<4!'' #99\$352()5#3<4!'' #96\$)' %&K25' 32' <4G2#3#952&<4G3+*5&1<4U5&)#%?<4

] ()1' 9()52<4] \$&52<4^15'=?<4^1?&52&<4^#5)52(*!K25' 32' <4^&?21#*#+?<4K#25#*#+?<401' #*#+?<401' ()' !(38!

M#%#8!E(3+\$ (+&:!

!

!

!

%@*''\$00\$0: *#&>-). -98: @&<\$1 *C><\$U01 W\$
01%' '!2#\$%&' &#&()!' (&!)@#!4%#9!E5=' %(*!D%)&!85&256*53' &<3#)!)1'!9 (>#%#&()!)1'!, --.k--!' 7' *14%#9!)1'!
53)' %85&256*53 (%?!953#%&!#4!M#9' 3!u!W' 38' %!K)\$85' &<V5+5)(*!] ' 85(!] (%B')53+&'"#99\$35)?!(38!
G375%#39' 3)(*!K\$&)(53(=55)?&'"#99\$35)?!G3+(+' 9' 3)&'"\$*)\$(*!K)\$85' &<E' (8' %&156!K)\$85' &!#%&^%' .E(@:

0UG!/cc!

I JH!k-d! ;3)%#8\$2)5#3!)#H' &' (%21!] ')1#8&!
I JH!k-S! E' (8' %&156!u!G)152(*!V59' 3&5#3&4#%! I \$%&53+!^(2)52' !!
I JH!kRT! I \$%&53+!H#*' !K?3)1' &5&!
Q0!kd, !! Q22\$6()5#3(*!01' %(6?!A5' *8@#%BC!^(2)52\$9!;!!
Q0!kd/!! Q22\$6()5#3(*!01' %(6?!A5' *8@#%BC!^(2)52\$9!;!!
^U;!kd-!! "(6&)#3' !
^QK!k, c! H' &' (%21!K' 953(%!
^KL!k-d! K' 35#%K' 953(%
^KL!k, , ! G)152(*!u!^(%#4' &&5#3(*!&&\$' &!;
^KL!k-c-! ^%#4' &&5#3(*!G)152&4#%!)1' !U' *653+!^(%#4' &&5#3(*!!
K'';!k-e!! H' &' (%21!;!
K'';!k-T!! H' &' (%21!;;!
K'';!kd-!! ;3)' %3&156!
K] !kcc!! K6#%!)] (3(+ ' 9' 3)!K' 953(%
KM!k-T!! K' 35#%A5' *8!G8\$2()5#3!;!K' 953(%!
OUG!kd-! "(6&)#3' !
OUH!k/k! K' 35#%^(%#8\$2)5#3!M#%B&1#6!

!!

MG!z!M%5)53+IG31 (32' 8!

D0!e/-!! G758' 32' !_(&' 8!^(2)52' C!''*532(*!H' &' (%21!;!!
D] U!, -k! 01' #)%' &!#4!''#\$3&' *53+!u!^&?21#)1' %(6?!!
JK!kkR! ""##6' %(57' !G8\$2()5#3!53!&53' &&!;
JK!kk, ! ""##6' %(57' !G8\$2()5#3!53!&53' &&!;!!
"UG!, RR! Q%+(352!''1' 95&)%?!E(=#%())#%?!;!
"!, , -! ! M%5)53+!4#%!)1' !''!^(%#4' &&5#3(*!!
"Q] !R/R! M%5)53+!4#%!)1' !] ' 85(!
"Q] !/kk! M%5)53+!4#%!)1' !M#%B6*(2' !!
"Q] !/e-! M%5)' %&!M#%B&1#6C!
GV!RR-!! 01' !0' (2153+!^(%#4' &&5#3!
GI W!, -, ! "%5)52(*!D66%#(21' &!#!E5)' %())\$%' !!
U''K!// -! U' (*)12(%' !E5)' %(2?!(38!D87#2(2?!!
I JH!, R-! ;3)%#!)#!! \$%&53+!^(2)52' C!H#*' &!u!H' &6#3&5=5'5)' &!!
Q0!k, S! M%5)53+!4#%!)1' !^(%#4' &&5#3(*!Q22\$6()5#3(*!01' %(65&!!
^QK!k, k! U5&)%?!#4!^(%#5)52(*!01#\$+1)!
^KL!, /-! D66*52()5#3&!#4!H' &' (%21!
K^G!k, -! K' 2#38(%?.D+' !K)\$8' 3)&!@5)1!K6' 25(*!I ' ' 8&!!
KM!k-c!!] ')1#8&!53!K#25(*!H' &' (%21!
OUG!/--!] (%%5(+ ' ! (38!K' P\$(5)?!
OUG!/c-! A%(325&2(3!K)\$85' &!
!! OUH!/ce! 01' ()%' !U5&)%?!;;!
!

%@*''\$d\$U] I W\$N' C&)#\$H-)*\$
K)\$8' 3)&2#96*')' !353' !2% 85)&4(!*' (&!)@#!2#\$%&' &!4#%9!E5=' (*!D%)&!85&256*53' &! (38!3#)!53!)1' !9 (>#%!

0?@E-: @*-' : \$@: >\$N&#@*-(-*<\$

M1 ()!5&2%' ()575)?}!U#@!5&59 (+53 ()5#3!53)' +%(*)#!)1' !1\$9 (3!' P6' %' 32' }!U#@!2(3!59 (+53 ()5#3!(38!
2%' ()575)?!=\$' !\$&' 4\$!)#!6' #6*' !53!6%#4' &&5#3&!#\$)&58' !#4!)1' !(%)&}!015&!;VO!537' &)5+ ()' &!1' &' !N\$' &)5#3&&
' P6*#%53+!58' (&!5B' C!@1 ()!&1#*\$8!)1' !4\$)\$%' !=' !*5B' <1#@!5&!21 (3+' !6#&&5=*' <@1 ()!5&!= ' (\$)?<@1 ()!5&!1' !
%#*' !#4!(%)&!53!')?}!

!

DH0!, -R!	V%(@53+!;!!
DH0!, -d!	^(53)53+!;!
DH0!, Rc!	D)%C!^%' 15&)%52!)1%#\$+1!] 588*' !D+' &!!
DH0!, RT	

K";!k-e!! H' &' (%21!;!
OUG!, , c! W*#=(?!&&\$' &!01' !W#&6' *!^' %&6' 2)57' !!
OUG!, kc! G(&)' %3!^15*#=?!u!H' *5+5#3!
OUG!, cc! K(3)#!V#953+#!
OUG!/- -!] (%%5(+ '!(38!K' P\$(5)?!!
OUG!/c-! A%(325&2(3!K)\$85' &!!
OUG!/ek!] ?&)525&9!
OUG!k, -! M#%&156!(38!)1' !K(2%(9' 3)&!!
OUH!Rk, ! ""% ()575)?!M#%B&1#6!
OUH!, cc! ;3)' %9' 85()' !D2)53+!!
OUH!/c-! V5%' 2)53+!4#%!)1' !K)(+' !!
OUH!/cT! _' 1538!)1' !" \$%) (53!
OUH!/e-

GI W!, kT! A(3)(&?dA#*B*#%' d!u!] ?)1#*#+?C!!
U;K!, /-!! M#9' 3!53!U5&)#%?!
U;K!, k-!! 0#652&!53!W*#=(?!U5&)#%?!
U;K!, kc!! 0#652&!53!! ()57' !D9' %52(3!U5&)#%?!
] JK!, , R! D9' %52(3!] \$&52!
] JK!, , , !] \$*)52\$*)\$%(!] \$&52!!
] JK!/, , ! M#%*8!] \$&52!
^U;! , Rc!! G375%#39' 3)(*!^15*#=?!!
^U;! , k-!! ^15*#=?!#4!D%!(38!_ ' (\$)?!
^U;! , kc!! G(&)' %3!^15*#=?!u!H' *5+5#3!!
^U;! , c-!! A' 9535&!(38!W' 38' %01' #%?!
^U;!k, -!! K#25(*!(38!^#*5)52(*!^15*#=?!!
^QK!, R, ! "#96(%)57' !^#*5)52&!
^QK!, , c! ;3)' %3()5#3(*!H' *()5#3&!
^QK!//R! "#3&)5)\$)5#3(*!E(@!
^QK!k, k!

K] !, R-!!
KM!/-R!!
KM!/kT!!
K^G!RR-!

K6#%)!53!K#25')?!!
K#25(*!M' *4(% !
;3)' %3()5#3(*!"#99\$35)?!V' 7' *#69' 3)!!

] Ka\$MIP\$+=Ha\$+=P\$N+M\IP\$L\ +] 0\$

D] UIKRR! "#\$3&' *53+!K6' 25(*!^#6\$*)5#3&!!
_JK!, S/! "1(3+' !] (3(+ ' 9' 3)!
_JK!/, -! K)(B' 1#*8' %!H' *()5#3&!!
"!IR-, ! ! "%5953###+?!
"! , RT! ! W' 38' %!H(2' !(38!"%59' !!
"! , dc! ! F52)59###+?!
"!/TT! ! ` \$7' 35' !V' *53N\$' 32?!(38!` \$&)52' !!
"!/TS! ! G)152&!53!"%5953(*!` \$&)52' !
"!kRR! ! V#9' &)52!F5##" 32' !
GV!k-, !! ^%#4' &&5#3(*!(38!E' +(*!;&&\$' &!hR2%i!!
GV!kT, !! K)\$8' 3)!0' (2153+!K' 953(%!h, 2%i!
U"K!/, -! U' (*)12(% !K25' 32' !(38!"\$*)\$%(*!"#96')' 32?!!
U"K!k--! U' (*)12(% !K?&)' 9&!(38!^#*52?!
I JH!/R, ! 0%(3&2\$*)\$%(*! \$!%&53+!!
K] !, R-!! K6#%)!53!K#25')?!
KM!, -R!! ;3)%#8\$2)5#3!)#!K#25(*!M#%B!
KM!, /R!! "\$*)\$%(*?!"K' 3&5)57' !U\$9(3!K' %752' &!^(2)52' &!

U;K!/c/!! 01' !G\$%#6' (3!' ' 3)\$%?!hRTE/.RSki!
EDK!c--! G7#*\$)5#3!#4!K25' 3)5452!01#\$(+1)!!
EDK!ckc! K25' 32' !"#32' 6)&!53!E5)' %()\$%' !!
EDK!e/d! K\$&)(5353+!Q\$%!G375%#39' 3)!!
] DO!, -d! ;3)%#8\$2)#%?!K)()5&)52&!
] DO!, -S! ^%#=(=5^5)?!(38!K)()5&)52&!!
] DO!, R-! ;34' %' 3)5(*!K)()5&)52!
^U;! , R-!! ^%#4' &&5#3(*!G)152&!
^U;! , Rc!! G375%#39' 3)(*!^15'#=?!
^U;! , , -!!

; . OO: &\$1@!8+*?\$/+!C+T: \$*+O+&1!

!

N' ??C: -*<\$! #&(-.#\$\#bC-&#?#: *\$l/012341204dgW\$

, : K' %752' !1#\$%&!6' %4#%9' 8!@5)1!(3!#3

D885)5#3 (**?<(66*52(3)&!)#!)1' !#>C. @*-' :!(38!6%' .*52' 3&' !"#@8*''!6%#+% (9&!h3\$%&53+<#22\$6()5#3(*!
)1' %(6?<461?&52(*!)1' %(6?!(38!(*!@#%Bi!9\$&!)\$38' %&)(38!)1 ()!53!#%8' %!)#!9' ')!6%#+% (9!#\$)2#9' &<
)1' ?!(%' !#=*5+' 8!)#!85%' 2)*?!@#%B!@5)1!215*8%' 3!h' 8\$2()5#3!(38!3\$%&53+i!(38j#%#*8' %!(8\$*)&!h3\$%&53+<
#22\$6()5#3(*!)1' %(6?<461?&52(*!)1' %(6?!(38!(*!@#%Bi:!

I Q0GC!D**!D*7' %35(!D8852)5#3&! (38!] ' 3) (*!U' (*)1!0%' ()9' 3)!2#\$%&' &!(%' !(66%#7' 8!4#%#2%' 85)!1#\$%&!
)#@(%8!6%#4' &&5#3(*!2' %)5452()5#3!=?)1' !^' 33&?7(35(!'' %)5452()5#3!_#(%8!h^'' _i:K)\$8' 3)!&' ' B53+!
2' %)5452()5#3!2(3!2#3)(2!)1' !^'' _!4#%#&6' 25452!%' N\$5%' 9' 3)&(38!&' 6&!%' *(')8!)#)1' !2' %)5452()5#3!6%#2' &&:!
!
K>>-. *-' :)\$@: >\$] #: *@8\$A#@0**\$! &#@*?#: *0!ck!2%' 85)&!

;&&\$' !857' %&5)?&2#99\$35)?!%' &#\$\$2' &!(38!)1' !7(%5#\$&!('% 3(&!#4!2(&' !9(3(+ ' 9' 3)!@5**!= ' !' P6*#%' 8:!
D2)\$(*!2(&' !' P(96** &!@5**!= ' !85&2\$&&' 8!(38!' 75' @' 8!\$&53+!(!X=' &!)6%(2)52' &Y!9#8' *:!

!

D] U!/-/! /!2%' 85)&!!

"#\$3&' *53+!0' 2135N\$' &!;!

01' !=(&52!' ** 9' 3)&!#4!53)' %6' %(*!2#99\$352()5#3!&\$21!(&!())' 3853+&!%' 4** 2)5#3!#4!4' ' *53+&!

6(%(61%(&53+&!&\$99(%5053+&!&' *4.85&2*#&\$%' &! (38!53)' %6%')()5#3!(% ' !' 961(&50' 8:!F(%5#\$&!&)?*" &!(% ' !(*&#!

' P6*#%' 8!@5)1!%' +(%8!)#!(66%#6%5())' 3' &&!#4!\$&' !@5)1)1' !7(%5#\$&!2*5' 3)!6#6\$*()5#3&:!

!

D] U!/-k! /!2%' 85)&!

"#\$3&' *53+!0' 2135N\$' &!;:!

KB5**&!8' 7' *#6' 8!53!"#\$3&' *53+!0' 2135N\$' &!;!(% ' !=\$5)!\$6#3!(38!(66*5' 8!)#!7(%5#\$&!2(&' !&)\$85' &!;3!

(885)5#3&6' 25452!)' 2135N\$' &!&\$21!(&!%' *(P()5#3!)(5353+&(&' %)57' 3' &&!)(5353+!(38!4(95*?!53)' %7' 3)5#3!

D] U!kR/! /!2%' 85)&!!

K6' 25(*!;&&\$' &K' 953(%

015&!2#%\$&' !@5**!(88%' &&2\$%%' 3)!5&&\$' &!@5)153!)1' !45' *8!#4!(8852)5#3&!(38!9' 3)(*!1' (*)1!)%' ()9' 3)!
^#&&5=*!)#652&1532*\$8' (!)1' !%#** !#4!+' 38' %!(38!2\$*)\$%' !53!)1' %(6' \$)52!%' *)5#3&156&&4='%' (7' 9' 3)&U;F<
(8#*' &2' 3)!5&&\$' &4&6' 25(*50' 8!)' &)53+<)1' !X2\$*)\$%' &Y!#4!(8852)5#3!(38!%' 2#7' %?<4(95*?!5&&\$' &4*54' !&6(3!
5&&\$' &!%' *)' 8!)#!(8852)5#3&!(38!9' 3)(*!1' (*)1!)%' ()9' 3)!:(38!6%#%+(9j#\$)2#9' &!(&&' &&9' 3):!01' &' !
2#%\$&' &!(%' !#44' %' 8!)#!=#(8' 3!)1' !&)\$8' 3)b&! P6' %5' 32' <(&!@' **!(&!(&&\$%53+!)1()!(87(32' 9' 3)&!(38!
21(3+' &!1(7' !!(9' 21(35&9!)#!= '!(88%' &&' 8!@5)153!)1' !6%#%+(9!&)%\$2)\$%' :!'#\$%&' !9(?!='!'6' ())' 8!4#%!
2%' 85)!@5)1!8544' %' 3!)!#652&:!V' 6' 3853+!#3!)1' !5&&\$' h&!158' 3)545' 8<)15&!2#%\$&' !2(3!='!\$)5'50' 8!(&!(3!
' ** 2)57' !4#%#3' <)@#<#%!(**!)1%' '!(%' (&!#4!2#32' 3)%()5#3:!
!

!
!
!

(FFJ3BA!2B(J=2!

!

01' !D66*5' 8!U' (*)1!hDUi!6%#%+(9!* (853+!)#!(3!D&() !#4!K25' 32' !8' +% ' !5&!(18\$(?!' 3%#***' 8!8' +% ' !
6%#%+(9!=')@' ' 3!01' !H' (853+!U#&65)(*!K21##*!#4!U' (*)1!K25' 32' &!hHU.KUKi!(38!D*7' %35(!J357' %&&)?:!;3!
(885)5#3!)#!)1' !D&() !#4!

!!

K25' 32' !8' +% ' <+% (8\$()' &!@5**!' 2' 57' !(IV56*#9(153!! \$%&53+!4%#9!HU.KUK:101' !HU.KUK!V56*#9(153!
! \$%&53+!^%#%+(9!5&!3()5#3(**?!(22%' 85)' 8!=?!)1' !D22%' 85)()5#3!' #995&&5#3!4#%G8\$2()5#3!53!! \$%&53+!
hD''G! i!(38!(66%#7' 8!=?!)1' !^' 33&?*7(35(!K)() !_#(%8!#4!! \$%&53+!
!

!

!''#\$\#@>:-: E\$A')9-*@0\$1 . '' ' 8\$, \$A#@8**\$1 . -#: . #)\$] -):-: \$! *@*#?#:#: *\$

01' !95&&5#3!#4!01' !H' (853+!U#&65)(*!K21##*!#4!U' (*)1!K25' 32' &!5&!)#16%#758' !' 8\$2()5#3(*!6%#%+(9&!)1()!
8' 7' *#6!2#96')' 3)!:(38!2#96(&() !6%#4' &&5#3(*!2(6(=* !#4!6%#75853+!15+1.N\$(5)?!1' (*)12(%' !
&' %752' &!)#15385758\$(*&4(95'5' &!(38!2#99\$35)5' &:!
!

!

D*7' %35(!J357' %&&)b&!D66*5' 8!U' (*)1!D&() b&!V' +% ' !:(38!01' !H' (853+!U#&65)(*!K21##*!#4!U' (*)1!
K25' 32' &! \$%&53+!^%#%+(9!6%' 6(%' &!5)&!+%(8\$()' &!)#C!

- Z ^%(2)52' !(&!(16%#4' &&5#3(*!3\$%&' !()!(3! 3)%?.' *' 7' *!6#&5)5#3!53!(17(%5')?!)#4!1' (*)12(%' !&')53+&:!
- Z D66*?!1' !)!1' #%?!8' %57' 8!4%#9!3\$%&53+!(38!&\$66#%)57' !85&256*53' &!)#1596** 9' 3)!1' !3\$%&53+!
6%#2' &&!)#!(&&5&!)5385758\$(*&!(38!+%#6&!)#!9' ')!1' 5%!1' (*)12(%' !3' ' 8&:!
- Z J)5'50' !' 44' 2)57' !2#99\$352()5#3!)#! &)(=*5&1!)1' %(6' \$)52!%' *)5#3&156&!)#!9' ')!1' !
1' (*)12(%' !3' ' 8&!#4!5385758\$(*&!(38!+%#6&!@5)153!)1' !2#99\$35)?!:
- Z D&&5&!)5385758\$(*&!(38!+%#6&!)#!(215' 7' !@' **3' &&!1)%#+\$+1!)1' !\$&' !#4!1' (*)1!)' (2153+!:
- Z ^%#758' !3\$%&53+!2(%' !53!(!%' &6#3&5=* <(22#\$3)(=* !9(33' %@5)153!)1' !')152(*!(38!' +(*!
4%(9' @#%B!#4!3\$%&53+!:

Z

Z H' &6#38!#3!(!6' %(*!(38!6%#4' &&5#3(*! 7' *)#!21(3+53+!1' (*)12(%' !5&&\$' &!#4!')?!=?!

;34##9()5#3!)1()!' 31(32' &!)1' !8' 7' *#69' 3)!#4!&' *4. (@(%' 3' &&43#3.>\$8+9' 3)(*!(22' 6)(32' !#4!#)1' %&&4
2#99\$352()5#3!&B5**&!(38!2#** (=##%()5#3!&B5**&!@5**!=' !6%' &' 3)' 8:!01' !596(2)!#4!534##9()52&!#3!3\$%&53+!
2(%' !5&! ' P6*##' 8:!' #.' %' N\$5&5)' C!DU!R--:!

!

DUIR-, !! R, !2%' 85)&!!

A(95*?j;385758\$(*! I \$%&53+!

015&!2#\$%&' !6%' 6(%' &!)1' !&)\$8' 3)!#!6%#758' !&(4' !3\$%&53+!2(%' !)#!2*5' 3)&! (2%#&&!)1' !'54' &6(3!=?!

532##6##%()53+!)1' !2#32' 6)&!58' 3)545' 8!53!)1' !2#\$%&' :!01' !2#32' 6)&!#4!D8852)5#3<!"#+35)5#3<!"\$*)\$%&' <

V57' %&5)?<4;385758\$(*<A(95*?<] ##8j(44' 2)! (38!K)%' &&j2#653+!(%' !53)%#8\$2' 8!53!)1' !2#\$%&' :!01' !2#32' 6)&!

#4!2#94#%<!' *5953()5#3<+%5' 4j*#&&<9#=#55)?<43\$)%5#3<#P?+' 3()5#3<&' 3&#%?!6' %2' 6)5#3<)1' %9#.!

D&()'!#4!K25' 32' !8' +% ' <+%(8\$()' &!@5**!% 2' 57' !(IV56*#9 (I53!! \$%&53+I4%#9!`A] KQI :!01' !`A] KQI !5&!
3()5#3(**?(22%' 85)' 8!=?!)1' !D22%' 85)()5#3!""#995&&5#3!4#%&

!!

G8\$2()5#3!53! \$%&53+!hD"GI i!(38!(66%#7' 8!=?!)1' !^' 33&?7(35(!K)() !_#(%8!#4!! \$%&53+!:

!

!"#\$%^')#9"\$LV\$] .N8')[#<\$I. "' ' 8\$' ,,\$=C&)-: E\$] -): \$!*@*#?#:#: *\$

!

01' ! #&' 61!A:] 2**#&B' ?!K21##*!#4! \$%&53+!5&I2#995)' 8!#!6%#75853+!N\$(*5)?!3\$%&53+!' 8\$2()5#3!1()!
6%' 6(%' &!+%(8\$()' &!#&' B!52' 3&\$%' !(&!(1%' +5&)' %' 8!3\$%&' !(38!#!6%#758' !&(4' <N\$(*5)?<' 758' 32' .=(&' 8<
6()5' 3).2' 3)' %' 8!3\$%&53+!2(%' !53!(!7(%5')?!#4!1' (*)1!2(%' !&')53+&:!

!

K8(#&: -@M: -(#&)-*<L)\$K998-#>\$I.-#: .#&K))' .-@*#\$; #E&##\$@: >\$**#&')#9"\$LV\$] .N8')[#<\$I. "' ' 8\$' ,,\$=C&)-: E\$
f' @8)0\$

Z ^%' 6(%53+!)1' !+%(8\$()' !)#!6%(2)52' !(&!(3! 3)?%.' 7' *!6%#4' &&5#3(*!3\$%&' !@1#!\$)5'50' &!
' 758' 32' 8.=(&' 8!6%(2)52' !@1' 3!6%#75853+!N\$(*5)?!2(%' !)#!6()5' 3)&!53!(!7(%5')?!#4!1' (*)1!2(%' !
&')53+&:!

Z ^%#9#)53+!2#995)9' 3!)#!*54' .#3+!*' (%353+!53!#%8' %!)#! 31(32' !6%#4' &&5#3(*!6%(2)52' :!

Z ""#3)%=\$)53+!)#)1' !8' 7' *#69' 3)!#4!% &5=*' !3\$%&53+!*' (8' %&=?!53)' +()53+!)1' #5% &!(38!
2#32' 6)&!#4!'' (8' %&156!(38!9(3(+ ' 9' 3)!53)#!3\$%&53+!6%(2)52' &:!

Z V' 7' *#653+!% &5=*' !(38!(22#3) (= * !+%(8\$()' &!@1#16%(2)52' !@5)153!1' !* +(*!595)&!(38!
6%#4' &&5#3(*!(38!')152(*!&)(38(%8&!#4!3\$%&53+!:

!

] -: -?@8\$K>?-) -': \$!*@: >@&>)\$

!

01' !DK!6%#+(9!&)\$8' 3)!(895&&5#3!5&!)1' !% &5=5'5)?!(38!()!)1' !85&2%')5#3!#4!)1' !`A] KQI :!D895&&5#3!
&)(38(%8&!9' ')!(38j #%# P2' ' 8!D*7' %35(!J357' %&5)?b&!(895&&5#3!&)(38(%8&:!D895&&5#3!)#)1' !DK!6%#+(9!
5&!2#96')557' !(38!1' !&' * 2)5#3!#4!&)\$8' 3)&!@5**!=' !=(&' 8!#3!(!6#53)!&?&)' 9!)#!8')' %953' !(895&&5#3!
N\$(*5452()5#3!K)\$8' 3)&!(% !(&&5+3' 8!6#53)&!=(&' 8!#3!9(3?!4(2)#%&C!15+!21##*!%(3B!)(38!W^D<DKDjD"0!
&2#%' &<46%#%#2#**' + ' !2#\$%& @#%B<0' &!)#4!G&& 3)5(*!D2(8' 952!KB5**&!hOGDKi<')2:!

!

K%#%HOP; \$I NOP=NP\$%\ + f\K] \$HPK; 0=f\$! +\$K=\$K! I + NOK! P\$+L\$I NOP=NP\$; Pf\PP\$

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] -: -?C? \$N&#>*)0\$ \$ 41\$

!' *@8\$KI \$N&#>*)0\$ \$ g1\$

f#: #&@8\$P>C. @*-': VN' �\$ 71\$

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\#bC-&#>\$KI] \$N' C&)#C!DK] !R--<R-R<R-, <, --<, -R</--!

\#8@*#>\$\#bC-&#?#:#: *)C!01' !4#**#@53+!(% !

N+M\IP\$; PIN\0%!0+=I\$

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] DO!R-S! R!2%' 85)!

^%53256** &!#4!! \$%&53+!] ()1!4#%K(4' !''5' 3)!'' (%' !

015&!2#\$%&' !4#2\$&' &!#3!=(&52!9()1' 9()52(*!2(*2\$*()5#3&!(&! (66*5' 8!)#!2*5352(*!3\$%&53+!6%(2)52' !(22\$%()! !

9' 852()5#3!8#&(+ ' !2(*2\$*()5#3:!! \$%&53+!9()1!&B5**&! (%' !8' 7' *#6' 8!(38!6%(2)52' 8!)1%#\$+1!(66*52()5#3!

' P' %25&' &!537#*753+!2*5' 3)&!(2%#&&!1' !*54' &6(3:!'!%5)52(*!)153B53+!&B5**&! (%' !8' 7' *#6' 8!)1%#\$+1!)1' !

53)' %6%')()5#3!#4!9' 852()5#3!#%8' %&:!^%#4' &&5#3(*!&)(38(%8&!%' *()' 8!)#!N\$(5)?!(38!&(4')?!#4!9' 852()5#3!

(89535&%)()5#3!(%' !53)' +%()' 8!)1%#\$+1#)\$!)1' !2#\$%&' :!01' #%?!Rc!1#\$%&!

!

DKJ] !R--! S!2%' 85)&!!

6%(2)52' !(%' !53)' +%()' 8!)1%#\$+1#\$\$!)1' !2#\$\$%&' :!K)\$8' 3)&!%' 2' 57' !2#32\$%' 3)!&59\$*()5#3!(38!2*5352(*!
' P6' %5' 32' &:!Q=&' %7()5#3(*' P6' %5' 32' &!(%' !6%#758' 8!53!)1' !1#&65)(*!(38!53!)1' !2#99\$35)?!&'))53+&:!

DH0!R-c! /!2%' 85)&!!

D%)!D66%' 25()5#3!

D3!53)%#8\$2)%#?12#\$%&' !53!(%)!@1' '% !75&\$(*!9(354' &)()5#3&!#4!58' (&!(%' !&)\$85' 8!4%#9!6%' .15&)%#52!)59' &!)1%#\$\$+1!)1' !6%' &' 3):!K)\$8' 3)&!@5**!' P6*#%' !)' 1' !8' 7' *#69' 3)!#4!(*!46#*5)52(*!4615*#᠈(*!4(38!)1' *##+52(*!58' (&!(&!)1' ?!%' *(')!#!(%):!V#' &!3#)!&()5&4?!)1' !(%):!953#%:!

!

DH0!R-e! /!2%' 85)&!!

V' &5+3!(38!''%(4)&!

015&12#\$%&' !@5**!' 32#\$%(' !&)\$8' 3)&!#!=#(8' 3!(38!8' 7' *#6!)1' 5!2%' ()57' !&B5**&!@5)1!)' 2135N\$' &!\$&' 8!53! &\$2!12%(4)&!(&!@' (753+!&2%)21=#(%8!2(%753+!6%53)53+!9#&(52&!(38!2*(?!:G961 (&5&!@5**!' !#3!2%' ()57' !)153B53+!(38!)1' !)' 2135N\$' !#4!\$&53+!7(%5#&\$!9() '%(*!4#%453(*!6%' &' 3)()5#3:!

!

DH0!RRc! /!2%' 85)&!!

A5+\$%' !V%(@53+!

015&153)%#8\$2)%#?12#\$%&' !53!45+\$%' !8%(@53+!)' (21' &!)1' !&)\$8' 3)!75&\$(*!50()5#3!#4!)1' !1\$9(3!45+\$%' !)' 1%#\$\$+1! 7(%5#&\$!' P6%' &&57' !8%(@53+!)' 2135N\$' &!(&!&)\$8' 3)&!*' (%3!=(&52!(3()#9?;!K)\$8' 3)&!@5**!' P6*#%' !)' 1' ! 1\$9(3!45+\$%' !4%#9!(=&)%2)5#3!#4!4#%9!)#16!7&52(*!' 6%' &' 3)()5#3;!K)\$8' 3)&!*' (%3!#=&' %7()5#3(*!&B5**&!)#! =')' %!\$38' %&)(38!6%#6#%)5#3!9#7' 9' 3)!7#*\$9' <9(&&!&6(2' <8' 6)1!4#%9()!2#96#&5)5#3!4(38! =(*!32' !%' *()57' !)' 1!)1' !1\$9(3!45+\$%' !)(38!=(&52!(3()#9?;!K)\$8' 3)&!@5**!' !#%B!4#%9!(!&' ** 2)5#3!#4!3\$8' ! 9#8' *&!=#)1!9(*!(38!4' 9(*! :

!

DH0!R, k! /!2%' 85)&!!

V5+5)(*!V%(@53+!

:3)%#8\$2)%#?12#\$%&' !2#9=5353+!(!&)%#3+!)(85)5#3(*!8%(@53+!4#\$38()5#3!@5)1!85%' 2!)#!85+5)(*!2#3)3)! 2%' ()5#3;!K)\$8' 3)&!\$&' !D8#=' !)@(%' <6' 3!)(*')&!4(38!85+5)(*!2(6)\$%' !(*#3+!@5)1!6(6' %!(38!)(85)5#3(*! 9' 85(!)#!8' 7' *#6!)1' 5!#=#&' %7()5#3!(38!8%(@53+!(=5*)?;! :

!

DH0!R/-! /!2%' 85)&!!

:3)%#!)#!V5+5)(*!V' &5+3!

:3!)15&185+5)(*!&)\$85#&!&)\$8' 3)&!@5**!' \$&' !)' 1' !' (*)&!)7' %&5#3!#4!)@(%' !)#!' P6*#%' !6%(2)52' &!)1()!(%' ! ' P6*#%' 8!#3!(!)@# .859' 3&5#3(*!6*(3' !#%&)(B' !6*(2' !53!)1' !4#%)1 .859' 3&5#3;!D!@58' !%(3+!#4!2%' ()57' ! (&&5+39' 3)&!4#2\$&!)1' !&)\$8' 3)!#3!)1' !&\$' !#4!75&\$(*' ** 9' 3)&!&521!(&!53' &!1(6' <4#%9!7(*\$' <2#*#%&!4(38!)' P)\$%' !)#!=' !&\$' 8!)#!2#99\$352()'+%6152!58' (&!(**!@15' !' (%353+!)1' !)@(%' :!

!

DH0!, -R! /!2%' 85)&!!

V%(@53+!;:!

:3)' %9' 85()' !** 7' *!2#\$%&' !6%#75853+!#66#%)\$35)5' &!4#%4\$%)1' %!@#%B!53!8%(@53+!@5)1!' 961 (&5&!#3! (215' 753+!5385758\$(*!&' 4. P6%' &&5#3:!' ^%' %' N\$5&5) C!DH0!R-R!#%&6' %95&&5#3!#4!53&)%\$2)%#:!

!

DH0!, -d! /!2%' 85)&!!

^(53)53+!;!

D3!53)%#8\$2)%#?12#\$%&' !53!6(53)53+!\$&53+!)1' !)(85)5#3(*!9' 85\$9!#4!#5*!:_(&52!&)\$85' &!53!)1' !4#%9(*!(38!)' 21352(*!6%#2' &&!#4!59(+!)(%!(3+ 9' 3)!(38!)' 2135N\$' &!(%' !' P6*#%' 8:!V5% 2)!#=&' %7()5#3!(&&5+39' 3)&!

DH0!/-T! /!2%' 85)&!!

K5*B!K2%' ' 353+!

K)\$8?#!#4!&53+*! (38!9\$*)56** !&2%' ' 3.6%53)53+!6%#2' &&' &!G961 (&5&!5&!#3!(' &)1')52!7(*\$' &4(&!@' **!(&!

6%' 6(%)5#3<4)' 2135N\$' &42#*#%8575&5#3<46%#2' 8\$%' &4(38!6%53)! 85)5#3&:!'^%' % N\$5&5)' C!Q3' !#4!)1' !

4#**#@53+C!DH0!R-R4R- /4#%6' %95&&5#3!#4!53&)%\$2)#%:!

!!

DH0!/-d! /!2%' 85)&!!

!!

4#\$38()5#3&1#4! 758' 32' .=(&' 8!6%(2)52' !53!)1' #?!(38!2*5352(*! P6' %5' 32' &!Q\$%#6%(2)5)5#3' %&8' 7' *#6!)1' !
B3#@* 8+ ' &B5**&!(38!())5\$8' &13' ' 8' 8!)#!= ' 2#9' !15+1*?.N\$ (*545' 8! (**5' 8!1' (*)116%#4' &&5#3 (*&53!)1' !45' *8!
#4!D)1**)52!0%(5353+!2(6(=* !#4!XB3#@* 8+ ' !>#53' 8!@5)1!#7' Y:!01%#+\$+1#\$!)1' !^%#++(9<!&)\$8' 3)&!@5**!
+(53!(!=%' (8)1!(38!8' 6)1!#4!B3#@* 8+ ' !53!)1' !45' *8!#4!D)1**)52!0%(5353+<(&!@' **!(&53!)1' !*5= '%(*!%)&:!
K)\$8' 3)&!@5**!(*' 7' *#6!2%5)52(*!)153B53+!&B5**&!(&!@' **!(&+ (53!(3!(66%' 25()5#3!4#%#)1' !6%#4' &&5#3!#4!
D)1**)52!0%(5353+!(38!)1' !%#* ' !#4!)1' !''' %)545' 8!D)1**)52!0%(53' %#)5)153!)1' !1' (*)12(% !8' *57' %?1&?&)' 9:!
!
Q\$%#&)\$8' 3)!*' (%353+!+# (*&!h#\$)2#9' &iC!
!

- R: K)\$8' 3)&!@5**!8' 9#3&)%()' != (&52!\$38' %&)(3853+!#4!4#\$38()5#3(*!B3#@* 8+ ' !(38!&B5**&!@5)153!
)1' !()1**)52!%)5353+! 8\$2()5#3!6%#++(9:!
- , : K)\$8' 3)&!@5**!8' 9#3&)%()' !6%#=* 9.&#*753+!&B5**&!1()!@5**!(**#@!)1' 9!)#!%' (!2** (%?!(38!
(3(**?)52(**?:!01' ?!@5**!= ' !(*! !#158' 3)54?!(38! 7(*\$() ' !6%#=* 9&<\$)5'50' !2%5)52(*!)153B53+!&B5**&!
)#!4538!&#*\$)5#3&4596** 9' 3)!&#*\$)5#3&<(38! 7(*\$() ' !1' !#)\$)2#9' &!#4!)1' 5%#8' 25&5#3&:!
- /: K)\$8' 3)&!@5**!2#99\$352()' !' 44' 2)57' *?!(38!% &6' 2)4\$***?<@5)1!5385758\$ (*&j+%#&\$&<
6%#4' &&5#3 (*&!(38!')?':!
- k: K)\$8' 3)&!@5**!\$&! B3#@* 8+ ' !#4!)1' !3()\$%(*!(38!(66*5' 8!&25' 32' &!(&!@' **!(&!%' &' (%2!1
9')1#8#*#+?!)#!53)' %6%')! 758' 32' .=(&' 8!%' &' (%2!1%' *()' 8!)#!()1**)52!%)5353+!)#!(3&@' %!
2'5352(*!N\$' &)5#3&!(38!)#!+\$58' !2'5352(*!6%(2)52' :!
- c: K)\$8' 3)&!@5**!8' 9#3&)%()' !(3!53)' +%()5#3!#4!A%(325&2(3!7(*\$' &!(&!1' !6#53)!#4()1**)52!
)%5353+!2(%' :!
- e: K)\$8' 3)&!@5**!8' 9#3&)%()' !2'5352(*!2#96')' 32' !53!2'5352(*!6%(2)52' !&')53+&:!
- T: K)\$8' 3)&!@5**!8' 9#3&)%()' !6%#&).+(8\$()5#3!6%' 6(%' 83' &&!(&!(3!D)1**)52!0%(53' %!4#%#(12(%' ' %!
53!1' (*)1!2(%' :!
- d: 01' !6%#++(9!@5**!8' 9#3&)%()' !' P2' *** 32' !53! 8\$2()5#3:!

!

K>?-))-' : \$\#bC-&#?# : *)\$
D895&&5#3!% N\$5% 9' 3)&!#4!)1' !357' %&5)?!9\$&!)=' !9')!=' 4#%' !&)\$8' 3)&!(% !(=* !)#!8' 2*(% !()1**)52!
)%5353+!(&!1' 5%#9 (>%:K)\$8' 3)&!&' B53+!(895&&5#3!)#!)1' !] KDO!8' +% ' !@5**!= ' !(895)' 8!)#!)1' !
J357' %&5)?!)1%#+\$+1!#3' !#4!)1' !4#**#@53+!%#)\$' &C!
!

- R: 0%(85)5#3(*!4%' &19(3!9(?!(66*?)#!D*7' %35(!J357' %&5)?!(38!9()52\$*()' !(&!(3!D)1**)52!
0%(5353+!&)\$8' 3)!h] KDOi:!01' &' !&)\$8' 3)&!@5**!4#2\$&!#3!)1' !2#96**)5#3!#4!)1' !\$38' %+(8\$() ' !
% N\$5% 9' 3)&!4#%#(!_ (21' *#%#4!K25' 32' 18' +% ' !53!U' (*)12(% !K25' 32' <(*#3+!@5)1!(3?!
% N\$5% 8!6%' % N\$5&5)' !2#%#& @#%B!h4#%#)1' !] KDO!8' +% ' i<8\$%53+!)1' !45%&!)1%' !?' (%&!#4!
(2(8' 952!&)\$8?:!K)\$8' 3)&!@5**!4#%#9 (**?!3#)54?!)1' !DO!^%#++(9!V5% 2)#%#4!)1' 5%#53) 3)5#3!)#!
2#96**)' !1' !6%#4' &&5#3(*!61(&' !#4!)1' !] (&' %!#4!D)1**)52!0%(5353+!V' +% ' !()!)1' !' 38!#4!)1' !
)15%8!?' (%#4!&)\$8?:!01' !^V!@5**!2#96**)' !(% 75' @!#4!)1' !&)\$8' 3)!b&!%(3&2%56)!#! 3&\$%' !' (2!1

D!6% .6%#4' &&5#3(*!61(&'!&)\$8' 3)!@#\$*8!(*&#!1(7'!)1'!#6)5#3!)#!21(3+'!)#!(3?!9(>#%#@5)153!
)1'!53&5)\$)5#3:!K)\$8' 3)&!@1#!21##&'!)15&!#6)5#3!&1#\$*8!&'!B!)1'!(8752'!#4!)1'!'%&6'2)57'!
9(>#%#8'6(%)9'3)!21(5%!(&!@'**!(&!1'!#4452'!#4!)1'!H'+5&)%(%!%' +(%853+!D*7'%35(b&!53)'%3(!
)%(3&4'%d6%#2'&&:!01'!&)\$8' 3)!@#\$*8!=!'!%'&6#3&5=*!4#%!)1'!2#96**)5#3!#4!(**!

R: D**!8#2\$9' 3)()5#3!h/. 1,27/. 8#"/8. %7#G%1+. /10,#@*0. 70'7"i d
, : D!/.6(%)! &&(?!
/: D!% 2#%8!#4!(*!#=#&' %7()5#3!1#%&!2#96**)' 8!8\$%53+!)1' !6%#4' &&5#3(*!61(&' !

A#%9&!(%' !(7(5*(=*!#3.*53' !#%4#9!)1' !^V:!

[@@@:\(*7' %35\(:' 8\\$j\(2\(8' 952&j6%#4' &&5#3\(*6%#+%\(9&j\(\)1**'\)52\)\(5353+j538' P!!](#)

!

Q32' !)' &' !4#%9&!(%' !2#96**)' 8d)1' !^V!@5**!' 75' @!)1' !&)\$8' 3)b&!)%(3&2%56)!)#!' 3&\$%' !)' !&)\$8' 3)!1(&!
9(53)(53' 8!(!/-!#7' %(**!W^D@d@5)1!(!/-!W^D!53!(*!3()\$%(*!(38!(66*5' 8!&25' 32' !2#%\$&' &!;3!(885)5#3d)1' !
^V!@5**!' 3&\$%' !)' 1()!3#!6%' .%' N\$5&5)' !2#%\$&' @#%B!1(&!=' ' 3!2#96**)' 8!=' *#@!)1' !' 7' *!#4!(!X''Y!#%15+1' %!
F' %5452()5#3!#4!)1' !%' N\$5%' 8!9(>#% (38!#7' %(**!W^D!@5**!(*&#!#22\$% (!)15&!6#53):!^** (&' !&' ' !

JH'(8%' """/(. BM%*% . */(. #'%A2/'%\$% . **^!'5&)' 8!(=#7' :!

^%#+% &jH')' 3)5#3!^*52?C!^%#4' &(*!^1(&! !

!

K)\$8' 3)&!9\$&!)9(53)(53!(!/:-IW^D!)1%#+\$+1#)\$!)1' !6%#4' &(*!61(&' !#4!)1' !6%#+(9:!D3?!()1**)52!
)%(5353+!2#\$%&' !hDOi!2#96**)' 8!=' *#@!)1' !' 7' *!#4!(IX''Y!9\$&)!= ' !%' 6' ()' 8:!K)\$8' 3)&!9(?!' 6' ()j8' **)' !
#3*?!#3' !()1**)52!)(5353+!hDOi!2#\$%&' !1%#+\$+1#)\$!)1' !()1**)52!)(5353+!6%#+(9:!

!

K)\$8' 3)&!@1#!%' 2' 57' !(+%(8' !#4!' &&!)1(3!(IX''Y!53!(3!()1**)52!)(5353+!2#\$%&' !9(?!3#)!6%#+% &&!53!
()1**)52!)(5353+!2#\$%&' &!4#%#@1521!)1()!2#\$%&' !5&!(!6%' %' N\$5&5)' !:

!

V\$' !)#!)1' !3()\$%' !#4!	' !2*5352(*! P6' %5' 32' &!hDO!c, -<c, R<eR-<! (38!eRRi<(!&)\$8' 3)!9(?!' P2' ' 8!)1' !
9(P59\$9!3\$9=' %!#4!' N\$5%' 8!1#\$\$&!4#%!)1' &' !2*5352(*!6%(2)52\$9!2#\$%&' &:!01' !8' 25&5#3!)#!' P2' ' 8!)1' !
9(P59\$9!3\$9=' %!#4!' N\$5%' 8!1#\$\$&!&1#*\$8!' !9(8' !(&!6(%)!#4!(!+%#\$6!6%#2' &&!537#^753+!)1' !()1**)52!
)%(5353+!&)\$8' 3)<!)1' !2*5352(*!6%' 2' 6)#%!(38!)1' !' ##%853()#%#4!' *5352(*!G8\$2()5#3!2##%853()#%:
D885)5#3(**?<!	' !2*5352(*! P6' %5' 32' &!9(?!' +53!(1' (8!#4!)1' !2#\$%&' !&)(%)!8()!' !(38j#%# P)' 38!=' ?#38!
)1' !' 38!8()!' !*5&' 8!#3!)1' !(2(8' 952!2(^ 38(%!h5:' !K)(%)!#4!&\$99' %!2(96!4#%# (**!4(**!2*5352(*&i:!

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K! AHP! 0N\$! \K0=0=f\$

!

] (>%C!dR!2%' 85)&

6% 2' 6)#%!()1' ! \$357' %&5)?b&!4(25*5)5' &!#%!(3!(445*5()' 8!&5)' :!01' !@' ' B*?!&)\$8' 3)!2#3)(2)! P6' 2)()5#3!5&! (66%#P59()' *?!k-!1#%&:!

!

D0!eRc! ! /!2%' 85)&!

W' 3' %(*!] ' 852(*!'' #385)5#3&!53!)1' !^1?&52(**?!D2)57' !

015&!2#\$%&' !@5**!4#**#@!(3!d.@' ' B!9#8\$*(%!(66%#(21!:01' !858(2)52!6#%)5#3!#4!)1' !2#\$%&' !2#3&5)\$)' !, ! 2%' 85)!1#\$%&<!)1' !*(=!6#%)5#3!@5**!(22#\$3)!4#%!R!2%' 85)!1#\$%&:!

K)\$8' 3)&!@5**!= ' !53&)%\$2)' 8!53!9' 852(*!2#385)5#3&!6' %)53' 3)!#)1' !45' *8!#4!()1**)52!%(5353+!:01' !(%' (&! 2#7' %' 8!532#%6#%(!)' !6()1#61?&5#*#+?&h532*\$853+!2#3+ 35)(*(38!(2N\$5% 8!(=3#%9 (*5)' 5' &<61?&52(*! 85& (=5*5)' 5' &<!(38!85&' (&' &i<!)1' %(65' &<61?&52(*! P(953()5#3<!(38!6&?21#(*!(&6' 2)&!#4!)1' !6()5' 3).

6%#758' %!%' *()5#3&156!:01' ' &' !(%' (&!@5**!= ' !' P6*#%' 8!)1%#%\$+1!(!&?&)' 9&!(66%#(21\!3' %7#\$&<6\$*9#3(%?& 53)' +\$9' 3)(%?&! 38#2%53' <2(%85#7(&2\$*(%<+(&)%#53)' &53(*<%' 3(*<!(38!+ 35)#%53(%?:!01' !*(=!6#%)5#3!#4!)1' !2*(&&!@5**!9' ')!(66%#P59()' *?! ,!1#\$%&!6' %!@' ' B!4#%!2*5352(*!&B5**!53&)%\$2)5#3!(38!(&&' &&9' 3):!

!

D0!eRd! ! ,!2%' 85)&!!

^1(%9(2#*#+?!53!D)1**)52!0%(5353+!

K)\$8?!#4!61(%9(2#*#+52!(66*52()5#3&!4#%53>\$%?j5**3' &&!)#()1**)' &!(38!)1' !61?&52(**?!(2)57' !:32*\$8' &! 53852()5#3&<2#3)(53852()5#3&<53)' %(2)5#3&!#4!9' 852()5#3&<!(38!%' ** 7(3)!+#7' %353+!%' +\$()5#3&!#) 9' 852()5#3&:!

!

D0!e, -!! ,!2%' 85)&!

**5352(*!^ ()1#*#+?!(38!V544' %' 3)5(*!V5(+3#&5&!

015&!2#\$%&' !' P6*#%' &!2*5352(*!6()1#*#+?!(38!6()1#61?&5#*#+?!(&()' 8!@5)1!&?&)' 952!85&' (&' !:K)\$8' 3)&! @5**!4#2\$&!#3!)1' ! \$&' !#4! 758' 32' .=(&' 8!6%(2)52' !2#32' 6)&!#!+ 3' %()' !(2#96**)' !8544' %' 3)5(*!85(+3#&5&!(38!2*5352(*!85(+3#&5&:!K)\$8' 3)&!@5**!4#2\$&!#3!)1' ! \$&' !#4!6()5' 3).' 6#%)' 8!#)\$2#9' &!(38!534#%9()52&!#))%(2B!6()5' 3)!8()!' %' *

)#!58' 3)54?!(!% &' (%21!)#652!h^;" Qi<1#@!)#!6' %A##9!(!*5)' %()\$%' !&' (%21!(38!#%+(350' !% &#\$%2' &<(38!1#@!
)#!#%+(350' !(38!@%5)' !(*5)' %()\$%' !2#96%' 1' 3&57' !% 75' @!#4!)1' !*5)' %()\$%' :!K)\$8' 3)&!@5**!)1' 3!8' &5+3!(!
%' &' (%21!6%#>' 2)<+ ' 3' %()' !(38!%' &' (%21!6%#6#&(*!(38!&\$=95!)1' !6%#6#&(*!4#%&3&5)\$)5#3(*!H' 75' @!
_#(%8!(66%#7(*!
!

D0!e/c!! /!2%' 85)&!

G758' 32' !_(&' 8!^%(2)52' C!''*5352(*!H' &' (%21!;:!

015&!2(6&)#3' !2#\$\$&' !=\$5*8&!#3!(38!=%53+&!)#!4%\$5)5#3!)1' !@#%B!2#96**)' 8!53!D0!e/-:;!K)\$8' 3)&!@5**!@#%B!
53!+%#\$6&!)#!2#96**)' !1' 5%&' &' (%21!6%#>' 2)&:!015&!532*\$8' &<=\$)!5)13#)!*595)' 8!)#Ri!%' 2%\$5)9' 3)!#4!
&\$=>' 2)&<2#96**!)5#3!#4!(**! P6' %59' 3)(*!9')1#8#*#+?<2#***' 2)5#3!(38!(3(*?&5&!#4!)1' !8()<(38!&?3)1' &5&!
#4!%' &\$):!01' !&)\$8' 3)!+%#\$6&!@5**!6%' &' 3)!1' 5%&' &6' 2)57' !6%#>' 2)&!()!1' !*#2(*<4%'+5#3(*!#%&3)5#3(*!' 7' *!
(&!(66%#6%5()':!
!

D0!ek-!! ,!2%' 85)&!

U' (*)12(% !D89535&)%()5#3!(38!^%#4' &&5#3(*!H' &6#3&5=5*5)?!

015&!2#\$\$&' !@5**!2#7' %&2#3) 3)!%' *()' 8!)#!6%' 6(%()5#3!4#%&)1' !_O"! P(953()5#3!(&!@' *(*)-1T-2411.ETQq0(6590.8214290.8

""5352(*!GP6' %5' 32' !(38!&)\$8?!53!U#&65)(*!A(25'5)?C!/-./, !2%' 85)&:!'' #\$\$%&' &!532*\$8' C!;99\$3#1' 9()#*#++?<!
""5352(*!'' 1' 95&)%?<J%53(*?&5&<""5352(*!] 52%#&2#6?<4" #(+*\$())5#3<4U' 9()#*#++?<4^()1#+ ' 352!] 52%#=#*#++?<4
K' %*#++?!(38!;99\$3#*#++?;!</p></div>
<div><p>!</p></div>
<div><p>A#%&&)\$8' 3)&!1()!8#!3#)!#=#)(53!(!6#&5)5#3!53!(! DD"EK!(22%' 85)' 8!6%#++%(9<4)1' 5%&*(&!)?' (%&!D*7' %35(!
&#*\$8!=' !2#96**)53+!)1' !%' N\$5%' 9' 3)&!#!#=#)(53!(!_:!53!_5#*#++?;!</p></div>
<div><p>!</p></div>
<div><p>HPN+] \$%K\! =P\IA0%\$</p></div>
<div><p>D*7' %35(!J357' %&5)?!53!6(%)3' %&156!@5)1!EG" Q] !#44' %&!(3!#66#%)\$35)?!4#%&&)\$8' 3)&!#!' 3)' %!53!EG" Q] b&!
K21##*!#4!V' 3)(!]' ' 85253' <4)1' !^1(%9(2?!K21##*(38!)1' !]' ' 852(*!'' #***' +' !4)' %!2#96**)5#3!#4!)1' 5%
8' +% ' !(!D*7' %35(!K6' 25452!+\$58' '53' &!(38!%' N\$5%' 9' 3)&!(%' !(7(5*(=' !4%#9!)1' !D2(8' 952!K\$22' &&!'' 3)' %
hDK" i:!!</p></div>
<div><p>!!</p></div>
<div><p>\$</p></div>
<div><p>\$</p></div>
<div><p>N+M\IP\$; PIN\0%!0+=I\$</p></div>
<div><p>!</p></div>
<div><p>_:Q!R-, ! /!2%' 85)&!!</p></div>
<div><p>A\$38(9' 3)(*!#4!_5#*#++?;!</p></div>
<div><p>G961 (&50' &!596#%) (3)!=#*#++52(*!2#32' 6)&!(38!6%53256** &!2#99#3!)#!(*!*5753+!#%+ (35&9&:!0#652&!532*\$8' !
)1' !2' **<4' 3' %+')52&<4+' 3')52&<461?&5#*#++?<4' 7#*\$)5#3<4(38!' 2#*#++?;!;3)' +%() '&!*(=#%())#%?!(38!2*(&&%#9!
@#%B:!A\$*45**&!*(=!&25' 32' !%' N\$5%' 9' 3)!4#%&3#3.&25' 32' !9(>#%&:!' (33#)!) (B' !_:Q!R-, !(38!_:Q!R-/!4#%&
2%' 85):!Q44' %' 8C!A(**!</p></div>
<div><p>!</p></div>
<div><p>_:Q!R-/! k!2%' 85)&!!</p></div>
<div><p>^%53256** &!#4!_5#*#++?;!</p></div>
<div><p>A5%&!)&' 9' &)' %!#4!(!)@#!&' 9' &)' %!53)%#8\$2)%#?!&' N\$' 32' !6%#75853+!(!&\$%7' ?!#4!9(>#%&=#*#++52(*!2#32' 6)&!
(38!6%53256** &!596#%) (3)!#!(*!*5753+!#%+ (35&9&:!0#652&!532*\$8' !)1' !21' 95&)%?!#4!54' !h9())' %&!@() ' %&!
2(%=#3.=(&' 8!9#** 2\$** &i<4' **&!h6%#B(%?#)52!(38!' \$B(%?#)52<49' 9=%(3' !&)%\$2)\$%' !(38!4\$32)5#3<4
9')(#*5&9<42' **!2?2* i<4' 3')52&!h9' 5#&5&<4] ' 38' *5(3!+' 3')52&<4531' %5) (32' <4+' 3' !' P6%' &&5#3i<4
9' 21(35&9&!#4!' 7#*\$)5#3!h8' &2' 3)!@5)1!9#85452()5#3<4' 7#*\$)5#3!#4!6#6\$*()5#3&<4#%5+53!#4!&6' 25' &i<4(38!
)1' !' 7#*\$)5#3(%?!15&)%#?!#4!=#*#++52(*!857' %&5)?!h532*\$853+!=(2)' %5(<4(%21(' (<46%#)5&)&<46*(3)&<4(38!4\$3+5i:!
;3)' +%() '&!*(=#6-#32(%?#)52<49</p></div>

_:Q!R-T! /!2%' 85)&!!

U\$9(3!D3()#9?!(38!^1?&5#*#+?!

U#9' #&())52!9' 21(35&9&!#4!)1' !1\$9(3!=#8?!@5)1!' 961(&5&!#3!&)%\$2)\$%' !(38!4\$32)5#3!(%' !&)\$85' 8:!

W%#&&!(38!952%#&2#652!&)%\$2)\$%' &!(%' !2#%'% *()' 8!@5)1!4\$32)5#3!#4!2' **&<!)5&&\$' &<1#%+(3&!(38!&?&)' 9&!#4!)1' !

=#8?:!] (>#%#)#652&!532*\$8' C!&B' **)(*<19\$&2\$*(%#(38!3' %7#\$&!&?&)' 9&!01%' ' !1#\$%&!#4!' 2)\$%' !6' %#@' ' B:!

"#.%' N\$5&5)' C!_:Q!RRT:Q44' %' 8C!A(**!(38!K6%53+!

!!

_:Q!R-d! /!2%' 85)&!

U\$9(3!D3()#9?!(38!^1?&5#*#+?;!;

G961(&5&!5&!#3!&)%\$2)\$%' !(38!4\$32)5#3!#4!' 38#2%53' <12(%85#7(&2\$*(%<1%' &65%())#%?<1*?961()52<185+' &57' <

_:Q!, --! R!2%' 85)!!

] ' 852(*!0' %953#*#+?!

01' !&)\$8?!#4!)1' !6%53256*' &!#4!9' 852(*!@#%8!=\$5*853+!)#11' *6!)1' !&)\$8' 3)!8' 7' *#6!)1' !9' 852(*!7#2(=\$*(%?! \$&' 8!53!7(#%#&\$&!1' (*)!12(% !#22\$6()5#3&!K)\$8' 3)&!@5**!%' 2' 57' !(!)1#%#\$+1!#7' %75' @!53!=(852!9' 852(*!)' %953#*#+?!)1#%#\$+1!(!&)\$8?!#4!%##)!@#%8&<46%' 45P' &!(38!&\$445P' &!01' !&)\$8?!4#2\$&' &!#3!2#%#% 2)! 6%#3\$325()5#3<4&6' **53+!(38!\$&' !#4!)1' &' !9' 852(*!)' %9&!D3()#9?<461?&5#*#+?<4(38!6()1#*#+?!#4!85&' (&' ! (%' !85&2\$&&' 8:!015&!8#&' &!3#)4\$*45**!)1' !*(=!&25' 32' !%' N\$5%' 9' 3)!015&!2(3!2#3\$)!(&!(!=5#*#+?!9(>#%# !' ** 2)57' :!Q44' %' 8C!A(**!(38!K6%53+!

!

_:Q!, -/! /!2%' 85)&!!

_5#&61' %' !

01' !2#\$%&' !_5#&61' %' !&)\$85' &!1\$9(3&!(38!)1' 5%53)' %(2)5#3&!@5)1!)1' 5%# 375%#39' 3):!0#652&1532*\$8' ! ' 2#*#+52(*!6%53256*' &!h)1' !3()\$%' !#4!3()\$%' i<' 3' %+?!(38!3()\$%(*!%' &#%\$2' &!5&&\$' &<46#**\$)5#3!6%#=#' 9&<(38!)1%' ()&!#)1' !_5#857' %&5)?!#4!)1' !6^(3') :!K6' 25452!2#3&58' %()5#3!@5**!=' !+57' 3!)#1\$9(35)?b&!(=55)?!)#!(*)' % (38!21(3+! !3()\$%' !4%#9!15&)%#52(*!(38!2\$%#% 3)!6' %&6' 2)57' &! (38!1#@!@' !2(3!'' (%3)!#!57' !53!1(%9#3?! @5)1!3()\$%' !A\$*45**&' (=!&25' 32' !53!5=' %(*!%)&!2#%' :!Q44' %' 8C!A(**!

!

_:Q!, -c! k!2%' 85)&!!

_#)(3?!

^(3)! (3()#9?!(38!75) (*!61?&5#*#+52(*!6%#2' &&' &! (%' !' P(953' 8:!M() '%!%' +\$*)5#3<49') (=5#&9<+%#@)1! (38!%' 6%#8\$2)5#3!(%' !2#7' %' 8<(*#3+!@5)1!(!6#*'+ 3')52!&\$%7' ?!#4!)1' !9(>#%#6*(3)!+%#6&:!01' ! 596#%)(32' !#4!6*(3)&!53!)1' !&21' 9' !#4!+*#=(!' 2#*#+?!5&!2#3&58' %' 8!:!3)' +%()' &!*(=#%()#%?!(38!2*(&&%#9! @#%B:!Q44' %' 8C! 7' %?!)@#!?' (%&.K6%53+!

!

_:Q!, -d! /!2%' 85)&!!

I' %\$#&25' 32' !4#%#H' 1(=55)()5#3!

GP(953' !&)%\$2)\$% !(38!4\$32)5#353+!#4!)1' !1\$9(3!3' %7#\$&!&?&)' 9!)1#%#\$+1!(3!53)' +%()' 8!(3(*?85&!#4! 3' %\$#(3()#9?<43' %\$#61?&5#*#+?!(38!3' %\$#6&?2!#*#+?;!G961(850' &!2*5352(**?!%' ** 7(3)!3' %\$#&25' 32' ! 2#32' 6)&44#2\$&53+!#3!(66*52()5#3!)#16()5' 3)!% 1(=55)()5#3!(38!)1' %(' \$)52!(66%#(21' &!^%' %' N\$5&5)' &C! _:Q!R-TjRRR<R-djRRd!h#%#2#.%' N\$5&5)' &!#%#_:_:Q!R-/<R-k:!Q44' %' 8C!A(**!

!

_:Q!, RR! k!2%' 85)&!!

v53' &5#*#+?!

K)\$8?!#4!53)' %(2)5#3!=')@' ' 3!9\$&2\$*(%#(38!&B' **)(*!&?&)' 9&!)#16%#8\$2' !1\$9(3!9#7' 9' 3):!K)\$8' 3)! %' 75' @&!1' ! (3()#9?!(38!61?&5#*#+?!)#4!9\$&2\$*(%#&?&)' 9!(38!'' (%3&!1' !=5#9' 21(352(*!534*\$' 32' !5)!1 (& #3!&B' **)(*!&?&)' 9!53!#%8' %!)#!(44' 2)!>#53)!9#7' 9' 3):!D!&)\$8?!#4!3#%9(*!+(5)! (38!\$6%+1)!6#&)%' !5&!(*#&! 532*\$8' 8:!01%' ' !1#\$%&!'' 2)\$% !(38!)@#!1#\$%&!*(=!@' ' B*?;!^%' %' N\$5&5)' C!_:_:Q!R-TjRRR!@5)1!(!X''Y!#%#='))' %' ! Q44' %' 8C!K6%53+!

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_:Q!, Re! /!2%' 85)&!!

I' \$)5#3!

Q7' %75' @!#4!3\$)%5#3(*!' N\$5%' 9' 3)&!#4!5385758\$(*&!53!)1' !1' (*)14\$*!&() ' !(&!@' **!(8!9#85452()5#3!#4!)1#&' ! %' N\$5%' 9' 3)&!8\$%53+!5**3' &&:!01%' ' !1#\$%&!#4!'' 2)\$% !6' %&# 9' &)' %!@' ' B:!V#&' &!3#)4\$*45**!)1' !*(=!&25' 32' ! 2#% !%' N\$5%' 9' 3):!K)\$8' 3)!9(?!3#)! (%3!2%' 85)4#%#=#)1!_:_:Q!, Re!(38!_:_:Q!, RT:!Q44' %' 8C!A(**!(38!K6%53+!

_:Q!, RT! /!2%' 85)&!!

^%53256** &!#4!K6#%)&!I \$)%5#3!

D3!#7' %75' @!#4!3\$)%5#3!%' N\$5%' 9' 3)&46%(2)52' &4(38!2#385)5#3&!&6' 25452!)#!6' #6**!' 3+(+' 8!53!()1**)52!
(2)575)5' &:!"#\$%&' !53)' 38' 8!4#%&&)\$8' 3)&' 3%#*** 8!53!)1' !()1**)52!)%(5353+!6%#+% (9!(38!8' &5+3' 8!)#!9' ')!

_:Q!/-k! /!2%' 85)&!!

"" **!_5#*#+?!

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)1' !9#**' 2\$*(%&6%#2' &&' &!1()!#22\$%&()!1' !&\$=2' **\$*(%&'' 7' *:!0#652&!532*\$8' !(!' 75' @!#4!=(&52!2' **\$*(%&

_:Q!/, k! /!2%' 85)&!
] ' 852(*!_5#.D!" (&' !K)\$8?!

' P6*#5)()5#3!@5**=' !' P(953' 8:!01' !2#%\$&' !%' 75' @!2#3&' %7()5#3!&)%()' +5' &!)#!9(53)(53!=5#857' %&5)?!4#%!
4\$)%\$' !+' 3' %()5#3&:!015&!2#%\$&' !6%#758' &!&)\$8' 3)&!@5)1)1' !&25' 3)5452!5)' %(2?13' 2' &&(%?!)#!9(B' !534#%9' 8!
8' 25&5#3&! (=#\$!)#652&!&\$21!(&!&6' 25' &!2#3&' %7()5#3<! (38! 2#&?&)' 9!9(3(+ ' 9' 3)!^%' % N\$5&5)' &C!_!Q!
R-!/u!R-k:!Q44' %' 8C!:%%' +\$' (%*?!

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O>83-B88!

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01' !_&53' &&IV' 6(%)9' 3)!()!D*7' %35(!J357' %&5)?!' 9=%(2' &!1' !'' ()1#*52dA%(325&2(3!)(85)5#3:!01' %' 4#%' <
D*7' %35(r&!=&53' &&!6%#%+(9&! P(953' !)1' !2#3)' 96#%(%?!=&53' &&!@#%8!4%#9!=#)1!6(2)52(*!(38!')152(*!
&)(386#53)&!01' !D*7' %35(!J357' %&5)?!_&53' &&IV' 6(%)9' 3)!5&2#995))' 8!)#!6%#75853+IN\$(*)?!
#66#%)\$35)5' &!4#%&!)\$8' 3)&!)#!#=#) (53!)1' !3' 2' &&(%?!B3#@** 8+' &!B5**&<! (38!(875&' 9' 3)!)#!=' 2#9' !
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B3#@** 8+' !)1%#%\$+1!' P6' %5' 3)5(*!*' (%353+!#66#%)\$35)5' &! (38!2##6' %)(57' !' 8\$2()5#3!53)' %3&156&:!015&!
=#%#(8.=(&' 8!(66%#(2116%' 6(%' &!D*7' %35(!=&53' &&!9(>#%&!)#!&\$22' ' 8!6%#4' &&5#3(**?!=?!8' 7' *#653+!)1' !
&\$6' %75&#%?!(38!9(3(+ '%&!B5**&!3' 2' &&(%?!4#%2(%' '%&(87(32' 9' 3):!01' !D*7' %35(!=&53' &&!4(2\$*)?!
9' 9=' %&!1(7' !&#*58!(2(8' 952!N\$(*5452()5#3&! (38!?' (%&!#4!=&53' &&! P6' %5' 32' !01' ?!(% ' !(@(%' !#4!)1' !
(') &!)#! 38&! (38!5&&\$' &!53!)1' !=&53' &&!@#%8!(38!532#%6#%()!)1' &' !53)#!2(&&!** 2)\$% &!:

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K>?-)-' : \$\#bC-&#?# : *\$&C: -' &\$H#(#0C!K)\$8' 3)&!@5**!3#)!=' !4\$**?(895)' 8!53)#!1' 5%&' &6' 2)57' !
=&53' &&!9(>#%&!3\$** &&C!

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Z 01' ?!1(7' !(3!#7' %(**!+% (8' !6#53)! (7' % (+ ' !#4!, :-!#%&15+1' %!h+% (8' &! (38!2% 85)&!4%#9!
8' 7' *#69' 3)(!2#%\$&' &! (%' !3#)!2#3&58' %' 8i!(38!

Z 01' ?!1(7' !2#96**)' 8!e-!2% 85)&! (38!1(7' !2#96**)' 8!)1' !4#**#@53+!% N\$5% 8!2#%\$&' &!@5)1!(
95359\$9!+% (8' !53! (21!2*(&&!#4!''C!_JK!R-R<] DO!2#%' !' ** 2)57' !h] DO!RR-!&\$++' &)' 8i<_JK!
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f&@>C@*-' : \$\#bC-&#?# : *\$2\$P`9#&-# : *.@8\$H#@&:- : E0\$

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(8\$*)!' 8\$2()5#3<! (384' %&1#%&958.8' +% ' !&)\$8' 3)&<!9\$&!2#96**)' !(3! P6' %5' 3)5(*!*' (%353+!#66#%)\$35)?!
#4!()!*' (&!Tc!1#%\$&!(&!6(%)!#4!)1' !2#%' !%' N\$5% 9' 3)&!53!)1' !=&53' &&!6%#%+(9:!01' !Tc!1#%\$&! (66*5' &!)#!

R: ;3)' %3&156p!#66#%)\$35)5' &!53!)1' !2#99\$35)?!#%l@5)153!D*7' %35(! (87' %)5&' 8!)1%#\$+1!" (%' ' %!
K' %752' &<58' 3)545' 8!=?!4(2\$*)?<!1' !&)\$8' 3)!53)' %3<#%l#)1' %l3')@#%B53+!l
, : GP6' %5' 3)5(*16%#>' 2)&!@5)1!2#99\$35)?!#%+ (350()5#3&<532*\$853+!2*5352(*!6^(2' 9' 3)&!l
/: K()5&4(2)#%?!2#96**)5#3!#4!)1' !_JK!kkR!"#.#6!2#\$%&' !#%l#)1' %l(66%#7' 8!53)' %3&156!2#\$%&' !l
k:

A#@8*" .@&#K>?-:~)*&@*-' :C!Rd!2%' 85)&!

01'!_(21' *%#4!K25' 32' !8' +% ' !53!1' (*)12(%!(89535&)%()5#3&16%' 6(%' &!&)\$8' 3)&!)#16\$%&\$' !>#=#!
#66#%(\$35)5' &!53!)1' !(%' (&!#4!1#&65)(*!(38!3\$%&53+1#9' !(89535&)%()5#3!6' %(*!2(%' !1#9' !(38!
(&&5&)' 8!5753+!9(3(+ '%&46%(2)52' !9(3(+ '%&! (38!1' (*)1!53&\$%(32' !' 96*#?' ' &!'" (%' ' %&!53!)1' !1' (*)12(%' !
45' *8! (&! (3!(89535&)%()#%49(3(+ '%#%1' (*)1!53&\$%(32' !2*(59&!9(3(+ '%! (%' !6#&&5=*' :!L#\$!9(?)(*#&!&' ' B!
' 96*#?9' 3)!53!)1' !2#%6#%(' !@#%*8!#%53!4' 8' %(*!(+' 325' &!53!9(3(+53+!)1' !% N\$5%' 9' 3)!\$38' %!)1' !
U' (*)1!" (%' !(38!G8\$2()5#3!H' 2#325*5()5#3!D2)!#4!, -R-!(38!)1' !^()5' 3)!^%#)' 2)5#3!(38!D44#%8(=*' !'" (%' !
D2)!#4!, -R-:!!

U"K! /R-!#%&/, -d// -dk--dkR-dk/-! /k-!#%&_JK!, d-:!

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AC?@: \$\#)' C&.#\$] @: @E#?# : *C!Rd!2%' 85)&!

K)\$8' 3)&!8' 7' *#6!(3!\$38' %&)(3853+!#4!)1' !2#96#3' 3)&!3' 2' &&(%?!)#16%' 6(%' !4#%&(12(%' ' %53!1\$9(3!
%' &#\$%2' !9(3(+ ' 9' 3)!532*\$853+!6#&5)5#3&!53!)(5353+!%' 2%\$5)9' 3)!2#96' 3&()5#3!9(3(+ ' 9' 3)! (38!
=' 3' 45)!(3(*?&5&:!UH!9(>#%&!+% (8\$() !@5)1!)##*&!)#!8' 7' *#6!(38! 7(*\$() !%' &#\$%2' &!3' 2' &&(%?!)#!&\$&)(53!(
6#&5)57' !%')\$%3!#4!)1' !6' #6** !537' &)9' 3)!53!(3!#%+(350()5#3:!)K)\$8' 3)&!(% ' !' 32#%\$(+ ' 8!)#!>#53!)1' !
3()5#3(*?!" 2#+350' 8!K#25')?!4#%&U\$9(3!H' &#\$%2' !] (3(+ ' 9' 3)!hKUH] i!K)\$8' 3)! "1(6)' %!2(96\$&:!
01' !K#25')?!4#%&U\$9(3!H' &#\$%2' !] (3(+ ' 9' 3)!hKUH] i!2#345%9&!1()!2\$%52\$*\$9!)(+\$+!)!D*7' %35(!
J357' %&5)?!(5+3&!@5)1!)1' !%' 2#99' 38' 8!%' N\$5%' 9' 3)!4#%&1\$9(3!%' &#\$%2' !8' +% ' !6#%+% (9&(!&
6%' &2%5=' 8:!!

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01' !] (&)' %!53!_&\$53' &&!D89535&)%()5#3!6%' 6(% &!&)\$8' 3)&!4#%!*' (8' %&156!%#*' &!53!=#)1!)1' !4#%.6%#45)!(38!
3#).4#%.6%#45)!&' 2)#%&:015&!6%#+%(9!4#&)' %&!1' !8' 7' *#69' 3)!#4!7(*\$' &!(38!&B5**&!4#%!9(3(+53+!1\$9(3!
453(325(*!(38)! 213#*#+52(*!%' &#\$%2' &:!K)\$8' 3)&! P6' %5' 32' !(1%(3+' !#4!2#\$\$%&' &!53!9(3(+ ' 9' 3)4453(32' 4

_JK!, c-! /!2%' 85)&!!

D22#)\$3)53+!^%53256** &!

\$5*8&!\$6#3!(38!' P6(38&!4\$38(9' 3)(*!(22#)\$3)53+!6%53256** &!2#7' %' 8!53!&!R-R:!!J&' !#4!2#%6#%()' !(&&')<!
8' =)!(38!' N\$5)?!(22#)\$3)&<6%' 6(%)5#3!(38!(3(*?&5&!#4!453(325(*!&)()' 9' 3)&<(38!596(2)!#4!2(&1!4*#@!(%' !
15+1*5+1)' 8:!'^%' %' N\$5&5)' C!_JK!R-R:!

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_JK!, cR! R!2%' 85)!

U5+1!^' %A#%9' %V' 7' *#69' 3)!K' %5' &!;

01' !45&!)!2#\$%&' !53!)1' !U5+1!^' %A#%9' %V' 7' *#69' 3)!K' %5' &! P6*#%' &!4#\$38()5#3(*!&B5* &!4#%

** (853+!21 (3+ ' :!A#2\$&!@5**!= ' !#3!(3(*?&5&!#4!&\$22' &&' &! (38!4(5*\$%' &!#4!6%#%+(9&!53!* (%+' !(38!&9 (**!
#%+(350()5#3&!(&!@' **!(&!4#%#6%#45)!(38!3#3.6%#45):!^%' %' N\$5&5)' C!_JK!, -e:!

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_JK!/-R! /!2%' 85)&!!

D87(32' 8!D22#\$3)53+!

GP6(38&!\$6#3!2#32' 6)&!*' (%3' 8!53!*#@' %!*' 7' *(22#\$3)53+!2#\$%&' &! (38!6%' &' 3)&!9 (>#%#3' @!(%' (&!4#%#
&)\$8' 3)&!#!2#3&58' %!G961 (&5&!5&!6*(2' 8!\$6#3!=\$&53' &&!2#9=53()5#3&-!2#3&#*58() ' 8!453 (325(*!
&())' 9' 3)&-! (38!(22#\$3)53+!4#%#3#).4#%.!6%#45)! ' 3)' %6%5&' &:!'^%' %' N\$5&5)' C!_JK!, c/:!

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(38!6%2' :!01' !9 (3(+ ' %5(*!5&&\$' &! ' 961 (&50' 8!(%' !%')(5*53+!&)%\$2)\$%' <453 (325(*!&) (3853+<2%' 85)!(38!

=&\$53' &&!8' 6(%)9' 3)!21(5%)#16(%)5256()' !53!)1' !2#\$%&' !5&!%' N\$5%' 8:!V\$' !)#!)1' !3()\$%' !#4!)15&!2#\$%&' <
&)\$8' 3)&!9(?!2#3&58' %!' 3%#**53+!53!)1' !2#\$%&' !53!9\$*)56** !&' 9' &)' %

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"#&!D22#3)53+!

A#2\$&' &!#3!)1' !2#*** 2)5#3!(38!(**#2()5#3!#4!2#&)&!#4!9() '%5(*&4*(=#%4(38!#7' %1' (8:!G961(&50' &!
(66*52()5#3!(38!53)' %6%')()5#3!#4!2#&!)8() (4(3(*?&' &!#4!>#=#46%#2' &&4(2)575)?.=(&' 8!(38!#6' %()5#3&!
&?&)' 9&4)1' !596* 9' 3)()5#3!#4!=\$8+')&!(38!&)(38(%8&4)1' !(3(*?&5&!#4!7(%5(32' &4(38!2(65)(*!=\$8+')53+!
)' 2135N\$' &!^%' %' N\$5&5)' C!_JK!, c-:!

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_JK!k-, ! /!2%' 85)&!!

D\$85)53+!

015&!2#\$%&' !532#%6#%() '&!6%53256*' &!#4!(22#\$3)53+!@5)1!(\$85)53+!6%#2' 8\$%' &!(38!W' 3' %(**?!D22' 6)' 8!
D\$85)53+!K)(38(%8&!nWDDKi:!01' !596(2)!#4!8' 25&5#3&!=?)1' !KG''!(38!)1' !^''DQ_!#3!)1' !(\$85)53+!
6%#4' &&5#3!@5**!=!' ! 961(&50' 8:!01' !(\$85)#%&!*' +(*!5(=5*5)?!(38!%' &6#3&5=5*5)5' &!(22#%853+!)#!)1' !"#8' !#4!

_JK!kRk! /!2%' 85)&!!

W*#=(*IK%)(' +52!] (%B')53+!

GP6*#%' !4\$38(9' 3) (*!6%53256** &d!)1' #%' &!(38!2#32' 6)&!#4!(658*?!)21(3+53+!53)' %3()5#3(*!9(%B')&:!
K)%)(' +52!5&&\$' &!8' (*3+!@5)1!9(%B')! 3)%?<!)%(8' !=(%%5' %&<4#%' 5+3!)%(8' !59=(* (32' <! 375%#39' 3) (*! (38!
** + (*!8544' %' 32' &<4#%' 5+3!2#96')5#3<!2\$%%' 32?!4*\$2)\$()5#3<!(38!)1' 5%&! 44' 2)&!\$6#3!9(%B')53+!8' 25&5#3&!
(% ! (3(*?0' 8: !015&!2#\$%&' !4\$*45**&!)1' !1\$9(3!857' %&5)?!+% (8\$()5#3!%' N\$5%' 9' 3):!
^%' %' N\$5&5)' C!_JK!, -T:!

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_JK!kRc! !!!/!2%' 85)&!

^(2)5253+!G3)%' 6%' 3' \$%&156!

015&IE(\$321!2#\$%&' !5&!)1' !45%&!#4!)@#!2(6&)#3' !2#\$%&' &!53!)1' !G3)%' 6%' 3' \$%&156!953#%&(38!%' N\$5%' &!
&)\$8' 3)&!)#! 3%#**!@5)1!(!75(=* !=\$&53' &&!58' (!#%B#%)\$35)?!)1()!@5**!= !*(\$321' 8!8\$%53+!)1' !2#\$%&' :!
A#**#@53+!)1' !2%' ()5#3!#4!(3!(66%#6%&())!4#%9!#4!=\$&53' &&!#%+ (350()5#3<!)1' !&)\$8' 3)!@5**!2%' () ! (38!
' P' 2\$)' ! (6%#>' 2)!6*(3!@5)1!(66%#7' 8!95** &)#3' &:K()5&4(2)#%?#2#96**)5#3!#4!)1' !2#\$%&' !@5**!%' N\$5%' !1' !
6(&&53+!#4!B' ?!) &!)(&&\$96)5#3&!#3!@1521!)1' !=\$&53' &&b!&22' &&!8' 6' 38&!(38!8' 7' *#69' 3)!#4!(
6%#)#?6' !4#%&2\$&)#9' %&: !^%' %' N\$5&5)' &C!_JK!, R/<!, Rk<!/!/!(38!/!/k:!

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_JK!kRe! !!!/!2%' 85)&!

G3)%' 6%' 3' \$%&156.K\$&)(5353+!I ' @!F' 3)\$%' &!

015&!2#\$%&' !5&!)1' !453(*!%' N\$5%' 9' 3)!53!)1' !G3)%' 6%' 3' \$%&156!] 53#%:K)\$8' 3)&!@5**!%' 75' @!(*!&)(+' &!#4!
)1' 5%&3)%' 6%' 3' \$%&(*!6%#>' 2)!(38!7(*\$()!)1' !' 38!6%#8\$2):!0! !' 7(*\$()5#3!@5**!' (8!)#!)1' !8' 7' *#69' 3)!
#4!(!453(*!_ \$&53' &&!^*(3!)#!1' *6!(&&\$%' !)1' !)\$'59() !&\$22' &&!#4!)1' !' 3)%' 6%' 3' \$%&(*!7' 3)\$%' :!^%' %' N\$5&5)' C!
_JK!kRc!

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_JK!k, -! /!2%' 85)&!!

G96*#?9' 3)!E(@!

D66%#(21' &!)1' !&)\$8'?!#4!*(=#%&(38!' 96*#?9' 3)!(*!@!)1%#%+!1)' P)!2(&' !&)\$85' &<*' (853+!2#\$%)!8' 25&5#3&!
(38!2\$%&' 3)! 7' 3)&: !;3&5+1)!53)#!)1' !@#%B6*(2' !' +(*! 375%#39' 3)!5&!6%' &' 3)!1%#%+!153)' % (2)57' !
(3(*?&5&:!] \$')52\$*)\$%(*!(38!+*#=(**' +(*! 96*#?9' 3)!)%' 38&!(% !6%' &' 3)' 8:!

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_JK!k, e! /!2%' 85)&!!

K)%)(' +52!] (3(+ ' 9' 3)!

K)\$8'?!#4!8' 7' *#69' 3)!(38!596** 9' 3)()5#3!#4!&%)(' +52!6*(3&!2#32' 57' 8!=?!' P' 2\$)57' !' 7' *!9(3(+ ' 9' 3):!
K)\$8' 3)&!53)' +%)(' !6%' 75#%\$*?!&)\$85' 8!)#652&!53!)1' !=\$&53' &&!2#%' !2\$%&52\$*\$9!(*#3+!@5)1!3' @!534#%9()5#3!
8' (*53+!&6' 25452(**?!@5)1!&%)(' +52!9(3(+ ' 9' 3):!J)5*50()5#3!#4!53.8' 6)1!2(&' !&)\$85' &!(**#@&!&)\$8' 3)&!)#!
&1(%6' 3!)1' 5%&B5**&!#4!(3(*?&5&!(38!)#!8' 7' *#6!2#1' %' 3)!(38!2#96%' 1' 3&57' !&%)(' +52!6*(3&: !^%' %' N\$5&5)' C!
_JK!, --!#%&, c-!^%' .!#%&' #.' %' N\$5&5)' C!_JK!kRR\!K' 35#%.** 7' *!&)(3853+!:

!

_JK!k, T! /!2%' 85)&!

;3)' %3()5#3(*!U\$9(3!H' &#\$%2' !] (3(+ ' 9' 3)!

GP6*#%' &!)1' !596*52()5#3&!)1()!1' !6%#2' &&!#4!53)' %3()5#3(*50()5#3!1 (&!#3!)1' !(2)575)5' &!(38!6*#525' &!#4!
1\$9(3!%' &#\$%2' !9(3(+ ' 9' 3):!015&!2#\$%&' !4\$*45**&!)1' !1\$9(3!857' %&5)?!+% (8\$()5#3!%' N\$5%' 9' 3):!

!

!

_JK!kkc

G" QI !, kd! /!2%' 85)&!!

] (2%#' 2#3#952&!

K\$%7' ?&!1' !6' %4##%9 (32' !#4!)1' !D9' %52(3! 2#3#952!&?&)' 9!)1%#\$+1!! ()5#3(*!;32#9' !D22#3)53+!@5)1!
' 961(&5&!#3!)1' !(++%' +())&!#4!+#7' %39' 3)<2#3&\$9' %&!(38!=\$&53' &&!01' !4#2\$&!5&!#3!)#)(*! 96*#?9' 3)<
)#)(*!532#9' <!)#)(*!#\$)6\$)<+ 3' %(*!* 7' *!#4!6%52' &!(38!)1' !9(>#%!2\$%%' 3)!6%#=#' 9&!#4!\$3' 96*#?9' 3)<
534*()5#3<(38!45&2(*!(38!9#3')(%?!6#*52?;!)

!

G" QI !, kS! /!2%' 85)&!!

] 52%#' 2#3#952&!

K\$%7' ?&!= 1(75#%#4!5385758\$(*! 2#3#952!\$35)&!h1#&&' 1#*8!(38!=\$&53' &&!45%9&i!(38!)1' !6%52' !9' 21(35&9!
53)' %(2)53+!53!)1' !9(%B')!&)%\$2)\$%' &!#4!D9' %52(3!2(65)(*5&9:!G961(&5&!5&!#3!)1' !&6' 25452!6%#8\$2)!6%52' !
(38!&6' 25452!(9#\$3)!#4!6%#8\$2)5#3!53!(3! 44525' 3)!(38!6%#45).#%5' 3)' 8!2#96')5)57' !' 2#3#952!&?&)' 9:!
!

G" QI !, e-! /!2%' 85)&!!

K6#%)!G2#3#952&!

015&!(66*5' 8!' 2#3#952&!2#\$\$&' !' P6*#%' &! 2#3#952!5&&\$' &!53!)1' !&6#%&!538\$&)%?;!K)\$8' 3)&!(66*?)1' !
6%53256* &!#4!' 2#3#952&!#!6%#4' &&5#3(*!(38!(9() '\$%&6#%&:!01' !4#2\$&!5&!#3!)1' !&)%\$2)\$%' !#4!&6#%!
9(%B')&*<(=#%!' 2#3#952&!#4!&6#%<16\$=*52!453(32' !#4!&6#%<(38!+#7' %39' 3)(*!6#*525' &!#3!&6#%):!

G" QI !k/, ! /!2%' 85)&!!

G2#3#952&!'' (6&)#3' !

015&!2#\$%&' <18' *57' %' 8!53!(!&' 953(%!4#%9())<15&!(!+' 3' %(*!2(6&)#3' !' P6' %5' 32' !53!' 2#3#952&!1())!5&!

8' &5+3' 8!)#!6%#758' !(12\$*953())53+!'&' (%21.53)' 3&57' !' P6' %5' 32' !())1' !' 38!#4!(3!\$38' %+%(8\$())' !

G2#3#952&!8' +' ' !6%#+%(9:!K)\$8' 3)&!@5**!8' &5+3<12#38\$2)!(38!6%' &' 3)!(3!' 965%52(*!'&' (%21!6(6' %!)#!

] @X' &C!/c!2%' 85)&!
"UG!R-kjRR-dR-cjRRRdR-Td, -Rj, R-d, -, j, RRd/-Rj/R-d/-, j/RRdk-RjkR-d' 5)1' %K";!kd-!#%K";!
k-ejk-T!
!
] @X' &SP8#. *-(#)C!/.k!2%' 85)&!
K' ** 2)!R!2#\$\$&' !4%#9C!"UG!, R, d, , Rd/Rc\!_!Q!, -c</Rc<d<k-c<d<k-S\!] DO!, /R:!
!
\#0@*#>\$\#bC-&#?#: *)C!kR.kk!2%' 85)&!
_!Q!R-/dR-kd, , Rd/-/j/-Sd/-kj/RRd#%k-S\!K";!k-, \!] DO!, -Sd, , -d, /-!h] DO!R/R!%' 2#99' 38' 8i!
^UL!, --d, -R:!
!
HPN+] \$%K\! =P\IA0%\$
D*7' %35(!J357' %85)?!5316(%)3' %&156!@5)1!EG"Q] !#44' %&!(3!#66#%)\$35)?!4#%&)&\$8' 3)&!)#!' 3)' %!53!EG"Q] b&!
K21#*!#4!V' 3)(*] ' 85253' d)1' !^1(%9(2?!K21##*(38!)1'!] ' 852(*!''#***' +'!(4)' %d2#96**)5#3!#4!)1' 5%
8' +% ' !(!)D*7' %35(!K6' 25452!+\$58' *53' &!(38!%' N\$5%' 9' 3)&!(% !(7(5* (= ' !4%#9!)1' !D2(8' 952!K\$22' &&!
"" 3)' %!
!!
; ' . *' &\$' , \$% " <) . @8\$! " # & @ 9 < \$U; %! W\$%&' E&@?C

"UGIR-c! /!2%' 85)&!!

W' 3' %(*!"' 1' 95&)%?!;;!

;3)%#8\$2)#%?!1' %9#8?3(952&<B53')52&<(258!=(&' &<21' 952(*!' N\$5*5=%\$9<' ** 2)%#.21' 95&)%?!(38!
4\$38(9' 3)(*!8' &2%6)57' !21' 95&)%?:!01%' '!1#\$%&!** 2)\$%' !6' %!@' ' B:!'^%' %' N\$5&5)' &C!"UGIR-k!RR-!"#.
' N\$5&5)' C!"UG!RRR:!Q44' %' 8C!K6%63+!

!!

"UGIR-e! /!2%' 85)&!!

A\$38(9' 3)(*!#4!"' 1' 95&)%?!

K\$%7' ?!#4!=(&5!2#32' 6)&!(38!6%63256** &!% *(' 8!)#!+' 3' %(*!#%+(352!(38!=5#21' 95&)%?:!Q6' 3!)#&25' 32' !
(38!3#3.&25' 32' !9(>#%&:!"#.%' N\$5&5)' C!"UGIR-S:!Q44' %' 8C!A(**!

!

"UGIR-T! R!2%' 85)!!

E(=#%()#%?!K(4')?!

_(&5!&)\$8?!#4!(**!(=#%()#%?!&(4')?!%\$** &!(38!%' +\$*(5#3&!532*\$853+!45%' !1(0(%8&<21' 952(*!)#P525)?!@(&)' !
2#3)%#*!P6*#&57' !21' 952(*!&' 9' %+' 32?!6%#2' 8\$%' &<6%#)' 2)57' !' N\$569' 3)!<(38!*(=#%()#%?!' N\$569' 3)!
1(0(%8&:!'H' N\$5%' 8C!&25' 32' !9(>#%&:!Q44' %' 8C!A(**!

!

"UGIR-S! R!2%' 85)!!

A\$38(9' 3)(*!E(=#%()#%?!0' 2135N\$' &!

K\$%7' ?!#4!=(&5!*(=#%()#%?!&B5**&<)' 2135N\$' &<(38!&(4')?!@5)1!' 961(&5&!#3!(66*?53+!)1' #')52(*!58' (&!53!
6%(2)52(*!&5)\$()5#3&!537#*753+!21' 95&)%?!53! 7' %?8(?!'54' :!0@#1#\$%&!#4!*(=#%()#%?!6' %!@' ' B:!Q6' 3!)#!
&25' 32' !(38!3#3.&25' 32' !9(>#%&:!"#.%' N\$5&5)' C!"UGIR-e:!Q44' %' 8C!A(**!

!

"UGIRR-! R!2%' 85)!!

"UG!, -, ! /!2%' 85)&!!

Q%+(352!"1' 95&)%?!;:!

K)\$8?!#4!4\$32)5#3(*!+%#\$6&4%' (2)5#3!9' 21(35&9&!(38!6%#=#* 9&!53!&?3)1' &5&:!01%' ' !1#\$\$&!*" 2)\$%' !6' %!
@' ' B:!015&!2#\$\$&' !9' ')&!1' !M%5)53+!G31(32' 8!%' N\$5%' 9' 3):!^%' %' N\$5&5)' &C!"UG!, -R↓, R-\!"#.' N\$5&5)' C!

"UG!, RR:!Q44' %' 8C!K6%53+!

!

"UG!, R-! R!2%' 85)!!

Q%+(352!"1' 95&)%?!E(=#%()#%?!;!

K)\$8?!(38!6%(2)52' !53!)1' !=(&52!)' 2135N\$' &! ' 96*#?' 8!53!(3!#%+(352!21' 95&)%?!*(=#%()#%?<532*\$853+!

2%?&)(**50()5#3<19' *)53+16#53)!8')' %953()5#3<1' P)%(2)5#3<121%#9()#+%(61?<485&)5**()5#3!(38!#)1' %!

)' 2135N\$' &!4#%!)1' !5&#*(5#3!(38!6\$%5452()5#3!#4!#%+(352!2#96#\$38&:!01%' ' !1#\$\$&!#4!*(=#%()#%?!6' %!@' ' B:!

"UG!k-R! /!2%' 85)&!!

_5#21' 95&)%?!

K)\$8?!#4!6%#)' 53&# 30?9' ?8%()' ᘚ&!(38!3\$2* 52!(258&153!%' *)5#3&156!)#!=5#*#+52(*!(38! 9') (= #52!6%#2' && &!^%' %' N\$5&5)' &C!" UG!R-k#R-c#RR-#RRR\!, -R# , R-!, -, #, RR:!" #.%' N\$5&5)' C!" UG!kR-:!

!

"UG!k- /! /!2%' 85)&!!

K6' 2)%#&2#652!]')1#8!D3(*?&5&!

01' #')52(*!(66%#(21!)#1&6' 2)%#&2#652!9')1#8!(3(*?&5&1537#*753+!534%(' 8#3\$2* (%9(+3')52! %' (32' #!\$*)%(75#*')!(38!9 (&6' 2)%#&2#6??:!^%#=#' 9!&#*753+18' (*53+!@5)1!53)' %6%')5#3!#4!8()(! #)=(53' 8!4%#9!&6' 2)%#&2#652!53&)%\$9' 3)!@5*!(*&#!=!&)\$85' 8:!'^%' %' N\$5&5)' &C!" UG!, -R# , R-# , -, #, RR:!

!

"UG!k-k! /!2%' 85)&!!

D87(32' 8!Q%+ (352!" 1' 95&)%?!

"\$%' 3!)1' #' !#%+ (352!21' 95&)%?&#)' %' #21' 95&)%?#(38!%' (2)5#3!9' 21 (35&9!#4!#%+ (352!2#96#\$38&:!

!

"UG!k-c! k!2%' 85)&!!

A#%' 3&52!" 1' 95&)%?!

D!&)\$8?!#4!21' 95&)%?!(&!)16' %) (53&!)#!*(@:!A#2\$&15&!#3!)1' !9 (3?14(2')!4#%' 3&52!&25' 32' #!\$21!(&!8%\$+! (3(*?&5&#)P52#*#+?#)2' !(3(*?&5&#)3!(3(*?&5&#)38!VI Dj&' %*#*+?;! \$9' %#\$&19')1#8!(3(*?&# & @5*!= ' !2#7' %' 8#4532*\$853+!+ (&!21%#9()#+(61?!hW" i#9 (&6' 2)%#9')%?!h] Ki#15+1!6' %A#%9(32' !5N\$58!

"UG!k/-! k!2%' 85)&!!

G375%#39' 3)(*!'' 1' 95&)%?!

_%#(8*?14#2\$&' &!#3!5&&\$' &!#4!(5%4@())' %!(38!*!N\$(*5)?;!0#652&!532*\$8' !K] QW4(258!(534Q0#3'!(38!5)&!
8' 6'')5#34538##%!(5%46#**\$)5#34(38!)1' !+% ' 31#\$&' !' 44' 2):!'' #3)(953()5#3!#4!!(38!+%#\$38!@())' %!4%#9!
538\$&)%?!(38!(+%52\$*)\$%' !@5**!= ' !' P(953' 8:!01' !2#3)%5=\$)5#3!#4!&6' 25452!(38!53#%+(352!21' 952(*&!)#!@())' %!
6#**\$)5#3!5&&\$' &!@5**!= ' !(88%' &&' 84;3)' +%() ' &!* (=##%()#%?!(38!2*(&&##9!@#%B:

"#99\$352()5#3!9(>#%&!9\$&)!2#3)%5=\$)'!#1#3'!#4!)1'!\$357' %&5)?!6\$=*52()5#3&!h)?652(**?)!1'!D*7' %35(3!#%&!
a' 61?%\$&!4#%&()!"' (&!#3' !&' 9' &)' %&!)#1+% (8\$()' :!^ (%)5256()5#3!53!#)1' %&6\$=*52()5#3&!9(?!= ' !2#3&58' %' 8!
4#%&!15&!% N\$5%' 9' 3)!@5)1!21(5%&(66#7(*:!

!

"Q] !kdR!9(?!= ' !&\$=&)5\$)' 8!@5)1!"Q] !kd-!@5)1!)1' !6' %95&&5#3!#4!=#)1!)1' !9(>#%&(875&#%&(38!)1' !
8' 6(%)9' 3)!21(5%&!

!

] @k' &)\$?C)*\$. ' ?98#*#\$' : #\$\$, \$*'' #\$\$)-`\$, ' 88' G-: E\$*8@. []C!!
I*8@*#E-. \$N' ??C: -. @*-' :)C!"Q] !, R/d, /k/d/kk<dK, , !
H' *()' 8!G** 2)57' &C!D3?!@#!/.2%' 85)!_&53' &&!#%&^&?21#*#+?12#\$\$%&' &:!

!

L-8?D\$NC8*C&#@\$: >\$**"#N&#@*-(#K&*)C!"Q] !, c-d/cRd/c/d/e-!!
H' *()' 8!G** 2)57' &C!D3?!@#!/.2%' 85)!D%)<] \$&52<#%&01' ()%' !2#\$\$%&' &:!

!

^' C&: @8-)?C!"Q] !, R/d, /k/d//<dK/, p!
H' *()' 8!G** 2)57' &C!D3?!@#!/.2%' 85)!U5&)#%?!#%&^#*5)52(*!K25' 32' !2#\$\$%&' &:!
] #>-@\$; #)-E: \$@: >\$%&' >C. *-' : C!"Q] !//, d/k, d/e, <k/, p!!
H' *()' 8!G** 2)57' &C!(3?!@#!/.2%' 85)!D%)!2#\$\$%&' &:!

!

%CB8-. \$ \#8@*-' :)\$@: >\$K>(#&*'-): E!"Q] !, R/d, , -d, k-d/k-d/k, !!
H' *()' 8!G** 2)57' C!^KL!R-R!

!

I 9' &*)\$] #>-@C!"Q] !, /, d, , -d, k-d, cRd//, d/e, !
H' *()' 8!G** 2)57' &C!_JK!, -Td/-Sd#%&(3?!K] !2#\$\$%&' !

!

"Q] !, /eQ3' !2#\$%&' !#4!' (21!+%#\$6C!"Q] !R-/!#%d, , /!"Q] !, R/!#%d, /k\!"Q] !, , -d, k-d#%d/k-:! 53' !hSi!
2%' 85)&!4%# 9!)1' !4#**#@53+ClD] U!, -kD] U!/-cD0!kcc<_!Q!, --d"Q] !kdR!h53!(!1' (*)1j 9' 852(*!
2#99\$352()5#3!45' *8i<V^0!c-c<U"K!/-c<U"K!//<I JH!R, <I JH!kR, <Q0!k, S<Q0!cR/<^U;! , -e<^U;! , -T<
^KL!, Rc<^KL!//<K^D!R-d<KM!, /R<KM!//, , <OUG!, R-!

!

I 9' &*)\$] #>-@\$] -: ' &C!, R!2%' 85)&!

H' N\$5%' 8!hR- .R, !2%iC!"Q] !R-/<"Q] !R/R<"Q] !, /, !h%' 6' ()(=" i<"Q] !, cR!

"Q] !, /d! !!!/!2%' 85)&!
H(2' <G)13525)?!u!K#25(*! \$&)52' !53!)1' !] ' 85(C!
01' !9' 85(!@' !2#3&\$9' !&1(6' &!#\$%#@#%*8:!)!534*\$' 32' &!1#@!@' !)153B<@1()!@' !8#<(38!@1()!#\$%')?!
(*#@&!015&!2#\$%&' !' P6*#%' &!1' !21(3+53+!* (38&2(6' !#4!(*!>\$&)52' <!(2' <(38!2*(&&!53!D9' %52(!(&!
6#%)%(?' 8!53!)1' !9' 85(:!M' !@5**!' P(953' !1#@!)' ** 75&5#3<45*9<3' @&<(38!85+5)(*!9' 85(!(%54(2)&!%' 534#%2' !
(38j#%&21(**

0' 213#*#+5' &!&)\$85' 8!(3+' !4%#9!&9(%61#3' &!#1)(=*)&!#175%)\$(*50()5#3!)#12*#\$8!&' %752' &!&\$21!(&!
&#%#(+ '!(38!)' ** 6%' &' 32' :!K#25(*!(38!')152(*!596(2)!#4!2*#\$8!)' 213#*#+?)%' 38&!(% !85&2\$&&' 8!(38!
8' =())' 8:!
!

"Q] !, e-! /!2%' 85)&!!

V5+5) (*!K)#%?)' **53+!

015&12#\$%&' !6%#758' &!&)\$8' 3)&!1' !#66#%)\$35)?!)#18' 7' *#6!=(&52!)' 2135N\$' &!53!85+5)(*!&#%?)' **53+!:
K)\$8' 3)&!(% !53)%#8\$2' 8!)#!= ' &!6%(2)52' &!53!\$&53+!)' P)<(\$85#!(38!758' #!)#12%' ()' !6%#4' &&5#3(*!
9\$*)59' 85!(6(2B(+ '&!01' !2#\$%&' !6%#758' &!#66#%)\$35)5' &!4#%&)\$8' 3)&!#18' 7' *#6!6%#8\$2)5#3!&B5**&!\$&53+!
2#99#3*?!(7(5*(=* !9\$*)59' 85!(6%#8\$2)5#3!6%#%+(9&!_?)1' !' 38!#4!)1' !2#\$%&' &!&)\$8' 3)&!@5**1(7' !
6%#8\$2' 8!(!857' %&' !6%#)4#*5#!#4!@#%B!2\$&)#950' 8!)#1&' %7' !)1' 5%&6' 25452!2(%' ' %&+# (*&!Q44' %' 8!A(**!
!

"Q] !, eR! /!2%' 85)&!!

^#')%?!M%5)53+!

M#%B&1#6!53!@152!16%53256** !4#%9&!#4!6#')%?!(% !&)\$85' 8!@5)1!' 961(&5&!#3!8' 7' *#653+!&)\$8' 3)b&!#@3!
(=55)?!)#!@%5)' !6#' 9&!Q44' %' 8!Q88.I \$9=' %' 8!?' (%&!A(**!
!

"Q] !, e/! /!2%' 85)&!!

A52)5#3!M%5)53+!

K)\$8?#!#4!452)5#3!&)?*' &j)' 2135N\$' &!(59' 8!())!8' 7' *#653+!&)\$8' 3)b&! (=55)?!)#!@%5)' !452)5#3!015&12#\$%&' !
9' ')&!1' !M%5)53+!G31(32' 8!+%(\$8)5#3!%' N\$5%' 9' 3):!
Q44' %' 8!Q88.I \$9=' %' 8!?' (%&!K6%53+!
!

"Q] !/R-! R!2%' 85)&!!

0\$)#%53+!(38!0' (2153+!M%5)53+!

015&12#\$%&' !6%#758' &!(!)1' #')52(*!(38!6' 8(+#+52(*!4%(9' @#%B!4#%&!@%5)53+!53&)%\$2)5#3!K)\$8' 3)&!@5**!
2#38\$2)!%' &' (%21!(&!5)!%' *())&!#1@%5)53+!53!)1' 5%&#@3185&256*53' &!(38!*' (%3!=' &!)!6%(2)52' &!4#%!
2#99\$352()53+!53!&9(**!+%#\$6&!#%' .!#3.#3' !&'))53+&:!D**!&)\$8' 3)&! 3%#*** 8!53!)15&12#\$%&' !(%' !' *5+5=*!
)#!(66*?!)#!@#%B!53!)1' !M%5)53+!u!E' (%353+!' ' 3)' %!#%&#@#%B!(&!(!M%5)53+!] ' 3)#%:!' ^(%5256()5#3!53!)1' !
2#\$%&' !8#' &!3#)!+\$(%(3)' ' !' 96*#?9' 3):!^%' .%' N\$5&5)' C!6' %95&85#3!4%#9!53&)%\$2)#%h&i:!' #\$\$\$' !9(?!=' !
' 6' ())' 8!4#%&2%' 85):!Q44' %' 8!A(**!(38!K6%53+!

"Q] !/c, ! /!2%' 85)&!
F58' #!^%#8\$2)5#3

% ' 6' ()' 8!4#%#2%' 85):!K\$++' &)' 8!6%' %' N\$5&5)' C!" Q] !R/R:!' ^' %95&&5#3!#4!)1' !D*7' %35(3!4(2\$*)?!(875&#%#5&!
%' N\$5%' 8:!Q44' %' 8!A(**!(38!K6%63+!:

!

"Q] !kd-! /!2%' 85)&!!

H' &' (%21!K' 953(%!

! \$(*545' 8!&)\$8' 3)&!9(?!21##&' !(!2%' ()57' !@%6)53+!6%#>' 2)!(!9 (&!9' 85(!#%# (\$85# .!75&\$ (*16%#8\$2)5#3!

6%#>' 2)4#%#(3!53)' 3&57' !&)\$8?!#4!(!61 (&' !#4!2#99\$352()5#3!)1 ()!2\$*953()' &!53!(!&5+35452(3)!%' &' (%21!

6(6' %:!A#%#&' 35#%#G3+*5&1!#%#2#99\$352()5#3!9 (>#%&:!Q44' %' 8!A(**!(38!K6%63+!

!

596(2)4\$!25752!6%#> 2)&!K)\$8' 3)&!* (%3!)1' #%')52(*!(38!9#%(*!2#3&58' %)5#3&!)1 (!)\$38' %653!2#99\$35)?!
' 3+(+' 9' 3)!(38!7#*\$3)(%?!&' %752' :!

!

] -: ' &C!Rd!2%' 85)&!

!

\#bC-&#>C!^U;! , -T<KQ"! , R, <2#96**)5#3!#4!(3?!8' &5+3() ' 8!&' %752' .** (%353+!2#\$\$%&' !h()!* (&! /!2%i<! (38!" G!
/-!le!2%' 85)&!&' ** 2)' 8!4%#9C!_!Q! , /-<^QK!RRR<^KL! /c-<KK"!RRR<K! , -R<K! , /R<K! /-R<K! /-<K!
/-k<K! /kT<KQ"!RRR<KQ"!k-R<(38!0UG! , cclhl #)!9#% !)1(3! /!2%' 85)&!9 (?!2#9' !4%#9!(!R--!' 7' *!
2#\$\$%&' :i!

!!

N#&*,-. @*\$%&' E&@?C!R, !2%' 85)&!

01' !'' %5452() ' !^%#+% (9!53!" #99\$35)?!G3+(+' 9' 3)!5&! (3!53)' %85&256*53 (%?!6%#+% (9!8' &5+3' 8!)#!532%' (&' !
&)\$8' 3)&b! (=55)?!)#!2%' () ' !6#&5)57' !21 (3+ ' !53!)1' 5!2#99\$35)?!(38!)#!(88%& &!&' %5#\$&!2#99\$35)?!5&&\$' &!
)1%#\$+1!)1' !8' 7' *#69' 3)!(38!596** 9' 3)()5#3!#4!&1#%)!(38!#3+.)' %9!596(2)4\$!25752!6%#> 2)&!K)\$8' 3)&!
58' 3)54?!(38!(66*?!6%(2)52(*!2#3&58' %)5#3&!)1 (!)\$38' %653!2#99\$35)?!' 3+(+' 9' 3)!(38!7#*\$3)(%?!&' %752' :!

!

\#bC-&#>C!^U;! , -T<KQ"! , R, <2#96**)5#3!#4!(3?!8' &5+3() ' 8!&' %752' .** (%353+!2#\$\$%&' !h()!* (&! /!2%' 85)&i<!
(38!" G! /--:!

!

"G! /--! /!2%' 85)&!

A5' *8@#%B!53!" #99\$35)?!G3+(+' 9' 3)!

015&!2#\$\$%&' !6%#758' &!&)\$8' 3)&!(3!#66#%)\$35)?!)#!8' &5+3<4596** 9' 3)!(38!%' 4" 2)!\$6#3!(!2#99\$35)?!
' 3+(+' 9' 3)!6%#> 2)!53!2##6' %()5#3!@5)1!(!2#99\$35)?!3#36%#45)<25)50' 3b&!#%+ (350)5#3<#%!9\$35256(*!
#%+ (350)5#3!01' !6%#> 2)!% N\$5%& !&)\$8' 3)&!(66*?!B3#@** 8+' !(2N\$5%' 8!53!)1' !] 53#%!53!" #99\$35)?!
G3+(+' 9' 3)!(38!" %5452() ' !53!" #99\$35)?!G3+(+' 9' 3)!6%#+% (9!@15" !' 3+(+53+!@5)1!(!2#99\$35)?!
#%+(3

N<B#&\$! #. C&-*<\$] -: ' &C!, R!2%' 85)&!
H' N\$5%' 8!''#\$%&&' &C!''K!RR-!Rcc! , R-! /R-! / , c! /kc!k/c!
!
; @*@\$! .-#: .#\$] -: ' &C!, R!2%' 85)&!
H' N\$5%' 8!''#\$%&&' &C!''K!RR-!Rcc! , , -! /--! /kc!k--!kRc!
!!
N' C&)#\$; #). &-9*-' :)\$
!
''K!RR-! ! /!2%' 85)&!!
;3)%#8\$2)5#3!)#!' #96\$)' %!K25' 32' !
015&!2#\$%&' !6%#758' &!(!=%#(8!?')!6%(2)52(*!#7' %75' @!(38!%' (*5&52!\$38' %&)(3853+!#4!)1' !' 3)5%' !45' *8!#4!
2#96\$)' %!&25' 32' :!' #96\$)' %!&25' 32' &!5&!3#)!>\$&!6%#+(9953+!(38!@' !=%#@&53+!:!01' !&2#6' !#4!
2#96\$)' %!&25' 32' !5&!N\$5)' !=%#(8!(38!5&!2#3)%=\$)' 8!#!=?!9(3?!857' %&' !85&256*53' &!&\$21!(&!9()1' 9()52&!
' 3+53' ' %53+!6&?21#*#+?<=5#*#+?<=\$&53' &&!(89535&%)5#3! (38!*53+\$5&)52&!0#652&!53!)1' !2* (&&!532*\$8' !

2#%&'!@5**!= ' !)(+\$+1)!\$&53+!E53\$P!(38j#%&)1' !;3)' +%()' 8!V' 7' *#69' 3)!G375%#39' 3)!G2*56&' :! (7(!@5**!= ' !
&\$' 8!(&!)1' !6%#%+(9953+!(3+\$ (+ ' !^%' .%' N\$5&5)' &C!''K!RR-!(38!''K!Rcc\!#%&6' %95&&5#3!#4!)1' !' 1 (5%!
Q44' %' 8C!K6%53+!

!

"K!/- -! ! /!2%' 85)&!!

V()(!D3(*?)52&!

V()(!D3(*?)52&!2#%&' !5&!8' &5+3' 8!(&!(!=(21' *%#.' 7' *!2#\$%&' !#4!8()(!&25' 32' !)(2B!53!2#96\$)' %&25' 32' !
6%#%+(9!@1521!5&! (3!53)' %85&256*53 (%?<6%#=#* 9 .!&#*753+!#%5' 3)' 8!&\$=> 2!)1()!' (%3&!)#!(66*?!&25' 3)5452!
)' 2135N\$' &!)#!6%(2)52(*!6%#=#* 9&:!K)\$8' 3)!@5**!+(53!' P)' 3&57' !' P6' %5' 32' !@5)1!)1' !#6' 3.&#\$%2' !H!
6%#%+(9953+!(3+\$ (+ ' !01' !+#!(*!#4!)15&!2#\$%&' !5&!)#!9(53*?!)' (21!(66*5' 8!(38!)1' #%')52(*!(&6' 2)!#4!H!
6%#%+(9953+!4#%&8()(!&25' 32' &:!01' !2#\$%&' !@5**!2#7' %!H!6%#%+(9953+!(3+\$ (+ ' !2#32' 6)&:!' #\$\$\$' !
2#3)' 3)!4#2\$&' &!#3!8' &5+3!(38!596** 9' 3)()5#3!#4! 44525' 3)!H!6%#%+(9&!)#!9' ')!#\$\$)53' !(38!&6' 25(*50' 8!
8()(!9(356\$*()5#3j9(3(+ ' 9' 3)!(38!(3(*?&5&!) (&B&:!015&!2#\$%&' !5&!)%' N\$5%' 8!4#%&)1' !8()(!&25' 32' !)(2B!#4!
)1' !2#96\$)' %&25' 32' !9(>#%:!'^%' .%' N\$5&5)' &C!''K!RR-!(38!''K!Rcc\!#%&6' %95&&5#3!#4!)1' !21(5%:!D!=(2B+%#38!
53!&())5&)52&!(38!2(*2\$*\$&!5&!8' &5% (= ' !:Q44' %' 8C!K6%53+!

!

"K!/- -! ! /!2%' 85)&!!

Q6' %()53+!K?&)' 9&!

015&!2#\$%&' !53)%#8\$2' &!&)\$8' 3)!#!(!=%#(8!%(3+ ' !#4!#6' %()53+!&?&)' 9!2#32' 6)&<!&\$21!(&!6%#2' &&' &!(38!
)1%' (8&<!&21' 8\$*53+<!&?321%#350()5#3<!9' 9#%?!9(3(+ ' 9' 3)!45' !&?&)' 9&<536\$)!(38!#)\$6\$)<!8' (8*#2B&<
8' 752' !9(3(+ ' 9' 3)!(38!&' 2\$%&)?:!K)\$8' 3)!@5**!(*&#!+ ')!6%(2)52(*!' P6' %5' 32' !@5)1!)1' !E53\$P!#6' %()53+!
&?&)' 9:!'!@5**!= ' !\$&' 8!(&!)1' !6%#%+(9953+!(3+\$ (+ ' !53!)1' !2#\$%&' :!'^%' .!' N\$5&5)' &C!''K!RR-!(38!''K!Rcc\!#%&
6' %95&&5#3!#4!)1' !21(5%:!Q44' %' 8C!K6%53+!

!

"K!/- -! ! /!2%' 85)&!!

D*+##%&)19!V' &5+3!u!D3(*?&5&!

"K!/kc! ! /!2%' 85)&!!

G."#99' %2' !

015&!2#\$%&' !53)%#8\$2' &!1' !2#32' 6)&46%#2' 8\$%' &49#8' *&!(38!5&&\$' &!(&() ' 8!@5)1!G."#99' %2' !(38!
)1' !53)' %3')!@5)1! ' 961 (&5&!#3!& 2\$%)?:!01' !&)\$8' 3)!+(53&!(3!#7' %75' @!#4! (**!(&6' 2)&!#4!G."#99' %2' !:
0#652&!532*\$8' !8' 7' *#69' 3)!#4!)1' !53)' %3')!(38!G."#99' %2' 42%?6)#+%(61?485+5) (*!&5+3() \$%' &44' ()\$%' &
#4!M' =&5)' &!(38!)1' !)##*&!\$&' 8!)#!=5\$*8!(3!G."#99' %2' !@' =&5)' 46(?9' 3)!#6)5#3&42' %)5452() ' &!(38!
6\$=*52!B' ?!534%(&)%\$2)\$%' !h^v;i!(38!&' 2\$%)?.2#3&25#\$&!6%#+(9953+!4#%l@' =.=(&' 8!(66*52()5#3&:
K)\$8' 3)!@5**!(*&#!+')!6%(2)52(*! P6' %5' 32' !@5)1!53)' %(2)5#3!=')@' ' 3!' 21352(*!5&&\$' &!(38!=\$&53' &&4*' +(*!
(38!')152(*!5&&\$' &:!' ^%' .%' N\$5&5)' &C!"K!RR-!(38!"K!Rcc\!#%d6' %95&&5#3!#4!)1' !21(5%:Q44' %' 8C!A(**!
!

"K!k--!! /!2%' 85)&!!

V()=(&' !K?&)' 9&!

015&!2#\$%&' !53)%#8\$2' &!1' !3' 2' &&(?!2#32' 6)&!#4!8()=(&' !&?&)' 9&:!' ^%53256*' &!(38!9')1#8#*#+5' &!#4!
8()=(&' !8' &5+3!(38!) ' 2135N\$' &!4#%d8()=(&' !(66*52()5#3!8' 7' *#69' 3)!@5**!=' !6%' &' 3)' 8;!0#652&!53!)1' !
2#\$%&' !532*\$8' !8()=(&' !(38!8()=(&' !&5' %&48()=(&' !&?&)' 9!2#32' 6)&48()(!9#8' *53+!\$&53+!)1' !' 3)5)?.!
%' *)5#3&156!9#8' *4%' *)5#3(*!8()(!9#8' *!(38!%' *)5#3(*!8()=(&' !2#3&%(53)&42#96** P!N\$' %5' &4
%' *)5#3(*!+' =%(!38!%' *)5#3(*!2(*2*\$&453)%#8\$2)5#3!)#!K! E!6%#+(9953+!) ' 2135N\$' &4@' =!8()=(&' !
6%#+(9953+!\$&53+!^U^4')2:!' ^%' .!

(38!7(*58()5#3<48' &5+3!#4!2\$%%' 3)!2#96\$)' %!4#%' 3&52&!##^!(38!' 9(5*!537' &)5+()5#3!(&!@' **!(&!2' **!61#3'!
(38!9#=5' !8' 752' !4#%' 3&52&:!0#652&!#4!(87(32' 8!2#96\$)' %!4#%' 3&52!&25' 32' !&\$21!(&)##*&!4#%!8()(!
8\$6*52()5#3<4%' 2#7' %?!

D*7' %35(!J357' %&5)?;!;4!)1' !&)\$8' 3)&!&\$22' &&4\$**?!2#96*')' !)1' !D2(8' 9?4)1' ?!@5**!= ' !(@(%8' 8!454)' ' 3!hRci!
D*7' %35(!J357' %&5)?!2%' 85)&:!
!
] @k' &C!kd!2%' 85)&!
""!R-R4R- , 4, -R4, RT4, , -4, , R4, T/4/- , 4/c-4/TT4/TS4k-/4k-d4k, , !""!' ** 2)57' !2#\$%&' C!/!2%' 85)&:!D**!

"`!, RT! ! /!2%' 85)&!!

W' 38' %4H(2' !(38!''%59' !

015&!2#\$%&' !%' 75' @&!857' %&5)?!53!+' 3' %(*!(&!5)!%' *()' &!)#!+' 38' %4%(2' !(38!2%59' :!V\$%53+)15&!2#\$%&' <)1' !
15&)#%?(!(38!2#3)%5=\$)5#3!#4!' N\$5)?!5&&\$' &!(%' !' P(953' 8!(&!1' ?!%' *()' !)#!2#3)' 96#%(%?!857' %&5)?!)1' 9' &:!
H(25&9<&)' %' #)?6' &<+' 38' %485&2%5953()5#3<&' P\$(!1(%(&&9' 3)! (38!%#*' !=(%%5' %&!(%' !' P6*#%' 8:!01' !
2#\$%&' !4#2\$&' &!#3!)1' !%#*' !#4!+' 38' %4(38!%(2' !53!)1' !''%5953(*! \$&)52' !&?&)' 9!(&!5)!%' *()' &!)#!752)59&<
#44' 38' %&!(38!6%#4' &&5#3(*&.:!015&!2#\$%&' !4\$*45**&!1' !U\$9(3!V57' %&5)?!%' N\$5%' 9' 3)!^%' %' N\$5&5)' C!''IR-R:!
!

"`!, , -! !

``!kRR! ! /!2%' 85)&!!

V#9' &)52!F5#*' 32' !

K)\$8?!#4!7(%5#\$&!4#%9&!#4!75#*' 32' !)1()!(B' !6*(2' !@5)153!)1' !4(95*?!(38!6(%3' %&156!%' *()5#3&!A#2\$&' &!

#3!&6#\$&'!(=\$&' &6(%3' %!(=\$&' &(8#*' &2' 3)!(=\$&' &(=\$&' !#4!' *8' %*?!(38!')(*j*' +(*!%' &6#3&' &!

^%' % N\$5&5)' &C!''`!R-, !(38!, -R:!] (?!=

k: V' 9#3&)%('!(66%#6%5()!'%+#3#952!&2(3353+!(66*52()5#3&!
c: V' 9#3&)%('!)1'!(=5*5)?!)#16%#758'!6()5'3)!2(%'!@15*'!4#**#@53+!')152(*!&)(38(%8&<U;^DD!
+\$58' *53' &!(38!9(53)(5353+!6%#4' &&5#3(*5&9!
e: H' 2#+350'!(38!\$&'!%'&#\$%2'&!)#!' 31(32'!&'*4.8'7' *#69'3)!(38!6%#4' &&5#3(*!+%#@)1!

!

K>?-))-' : \$\#bC-&#?#: *)\$

01'!V] K!^%#+%(9!&)\$8'3)!(895&&5#3!5&!1'!%'&6#3&5=5*5)?!(38!()!)1'!85&2%')5#3!#4!)1'!H' (853+!U#&65)(*!
K21##*!#4!U' (*)1!K25' 32' &:!D895&&5#3!&)(38(%8&!9' ')!(38j#%!' P2' ' 8!D*7' %35(!J357' %&5)?b&! (895&&5#3!
&)(38(%8&:!D895&&5#3!)#!)1'!V] K!^%#+%(9!&!2#96')5)57'!(38!)1'!&' *2)5#3!#4!&)\$8'3)&!@5**!= ' !=(&' 8!#3!
6' %(*!2#96#&5)5#3!<(2(8' 952!(=5*5)?<!%' 4' %' 32' &<453)' %75' @!6' %A#%9(32' <(6)5)\$8'!)' &)&<@%5)53+!

V] K!RR-! k!2%' 85)&!!

D=8#953(*;!)

015&!2#\$%&' !2#7' %&! (=8#953(*!#+%(6152!6#&5)5#353+!(38!&2(3353+!6%#)#2#*0!%' *())' 8!(3())#9?!(38!
61?&5#*#+?!)#!532*\$8'!)1'!*57' %!+ (**=* (88' %!6(32%' (&!5*5(%?!&?&)' 9!&6**' ' 3!\$%53(%?!&?&)' 9!(8%' 3(*!
+*(38&!+(&)%#53)' &)53(*!)(2)!6' %5)#3' (*!2(75)?!4%')%#6' %5)#3' \$9!(38!(=8#953(*!7(&2\$*(%5)?;!0' 21352(*!
534#%9()5#3!&\$21!(&!6%#2' 8\$%(*!(38!&2(3353+!)' 2135N\$' &!(% !85&2\$&&' 8!)1%#\$+1#)\$!)1' !2#\$%&' !(38!
8' 9#3&)%()' 8!@5)153!)1' !*(=#%()#%?!2#96#3' 3):!

!

V] K!, , T! , !2%' 85)&!

K9 (**!^(%)&!(38!K\$6' %4525(*!K)%\$2)\$%' &!

015&!2#\$\$%' !8') (5*!)1' ! (3()#9?!(38!61?&5#*#+?!#4!7(%5#\$&!&9 (**!6(%)&!(38!&\$6' %4525(*!&)%\$2)\$%' &!)#!
532*\$8' !1?#%58<=%' (&)<!2%#)\$9<6%#&())' <9\$&2\$*#&B' **)(*<3' #3()(!=%(53<6' 85()%)52!156<(38!&653' :!
V58(2)52!2#\$\$%' @#%B!@5**!2#%%' *(')!1' !3#%9(*!(38!(=3#%9(*!(66' (%(32' !#4!#%+(3&!(&!@' **!(&!&2(3353+!
6%#)#2#*&!(38!)' 2135N\$' &: !^%' %' N\$5&5)' &C!V] K!RRc<R, -<, R-!'"#.%' N\$5&5)' &C!V] K!, -/<, kc!

!

V] K!, , d! /!2%' 85)&!!

_(&52&!#4!F (&2\$*(%!

015&!2#\$\$%' !2#7' %&!=(&52!6#&5)5#353+!(38!&2(3353+!6%#)#2#*!#4!)1' !7 (&2\$*(%&?&)' 9:!F (&2\$*(%)' %953#*#+?!
&6' 25452!)#!)1' !1' 9#8?3(952&!#4!)1' !(%)' %5(*<47' 3#\$&<(38!2' %' =%#7 (&2\$*(%!(66*52()5#3!@5**!=' !6%' &' 3)' 8:!
I #%9(*<(=3#%9(*<(38!6()1#*#+52!&())' &!#4!)1' !1\$9(3!7 (&2\$*(%&?&)' 9!@5)1!' 961 (&5&!#3!)1' !' P)' %3(*!
2(%#)58!&?&)' 9<(%)' %5(*!(38!7' 3#\$&!&?&)' 9&!#4!)1' !' P)' %955' &!01' #%?!(38!* (=#%()#%?!@5**!8' 9#3&)%()' !
6%#6' %&)' 2135N\$' &!)#16%#8\$2' !N\$(*5)?!85(+3#&)52!59(+ ' &: !^%' %' N\$5&5)' &C!V] K!, -/<, , T<, kc\!"#.

%' N\$5&5)' &C!V] K!, Rc<, c-!

!!

V] K!, kc!

Z ^' 33&?*7(35(!&)()' !2*' (%(32' &!4#%!)' (21' %&!532*\$853+!^D!' %5953 (*!H' 2#%8!' 1' 2B!hD2)!/ki^D!
" 15*8!D=\$&' !''* (%(32' !hD2)!RcRi^! (38!A_:'!''* (%(32' !hD2)!RRki!
Z "' %)5452()' !#4!)1' !)% (5353+!2#96*')5#3!H' 2#+35053+!(38!H' 6#%)53+!' 15*8!D=\$&' C!] (38()' 8!(38!
^' %95&&57' !H' 6#%)53+!53!^' 33&?*7(35(!hD2)!/Ri!
Z O_!&2%' ' 353+!!
Z J357' %&5)?!U' (*)1!(38!M' **3' &&!% N\$5%' 9' 3)&!

PK\Ha\$NA0H; A+ +; \$P; MNK! 0+=\$_ 0! A\$f\K; P! \$%m27\$NP\! 0LONK! 0+=
015&!)' (21' %!6%' 6(%)5#3!6%#%+(9!" (8&!)#!(!_:D:!8' +% ' !(38!^' 33&?*7(35(!;3&)%\$2)5#3(*!'' %)5452()5#3!
W%(8' &!^v.k:!)!6%' 6(%' &! (%*?!215'81##8!' 8\$2()#%&!#!)' (21!#?\$3+!215'8%' 3!53!6\$=*52!(38!6%57() ' !&21##*&!
(38!215'82(%' !2' 3)' %&:!
\$
!' *@88%&' E&@?C!dR!2%' 85)&!
\$
f#: #&@88P>C.@*-' : \$N' &#C!01' !4#**#@53+!(% !%' N\$5%' 8!(&!6(%)!#4!)1' !W' 3' %(*!G8\$2()5#3!'' #' C!] DO!R-c<
^KL!R-R<U5&)#%?<_Q!R-, !#%R-S:!
!
%&' ,#))-' : @88P>C.@*-' : C!GV!RR-<, -k<, -S</-, </R/</, -</T-<k-/<k-k<kRk<k, c<k/e<kk-<kkc<kT-<
kT, \!K^G!RR-</Rc!
!
\#8@*#>\$\#bC-&#?#: *C!] DO!R-e<] DO!, -d<^KL!/R, !

N+M\IP\$; PIN\0%!0+=I\$

!

GV!RR-!! /!2%' 85)&!!

01' !0' (2153+!^%#4' &&5#3!

01' !6\$%6#&' !#4!)15&!2#\$%&' !5&!)#16%#758' !6%#&6' 2)57' !)' (21' %&!@5)1!(3!53)%#8\$2)#%?!#7' %75' @!#4!)1' !

15&)%#52(*!<615*#᠈(*!<#25(*!<(38!2\$*)\$%(*!4#38()5#3&!#4!' (%?!215*81##8! 8\$2()5#3:10#652&!2#7' %' 8!

@5**!532*\$8' !=' 2#953+!(!6%#4' &&5#3(*!2\$%#52*\$9!9#8' *!(38!(66%#(21' &<(38!(&&' &&9' 3)!(38!

53&)%\$2)5#3(*!6%(2)52' &!4#%#?#3+!215*8%' 3!=5%)1!)1%#+\$+1!(+' !d:1015&!2#\$%&' !9' ')&!)1' !M%#53+!G31(32' 8!

+%(8\$()5#3!%' N\$5%' 9' 3):!Q44' %' 8C!A(**!

!

GV!, -k!! /!2%' 85)&!

U\$9(3!V' 7' *#69' 3)!(38!E' (%353+!

015&!2#\$%&' !' P6*#%' &!1' !7(%#5\$&!1' #5%' &!(38!&)(+' &!#4!1\$9(3!8' 7' *#69' 3):!^1?&52(*!2#+35)57' <#25(*!<

6' %(*5)?<(38!9#%(*!8' 7' *#69' 3)!4#%9!=5%)1!)#!' (%?!(8#'' &2' 32' !(%' !' P(953' 8<(&!@'' **(!&)?652(*!<(38!

()?652(*!6())' %3&!#4!' (3+\$(+' !8' 7' *#69' 3):!'\$*)\$%' !(38!#.' 2#3#952!&())\$&!(% !&)\$85' 8!(&!)1' ?!%' *())!

)#1!\$9(3!8' 7' *#69' 3)!(38!'' (%353+;!Q44' %' 8C!K6%#53+!

!

GV!, -d!! R!2%' 85)!

U' (*)1!u!] #)%#V' 7' *#69' 3)jG'' 9' 3)(%?!K21##*!

015&!2#\$%&' !(88%' &&' &!1' !8' 7' *#69' 3)(*!4#38()5#3&!#4!1' (*)1<45)3' &&<(38!9#)%#8' 7' *#69' 3):!

''#3)3)532*\$8' &!)' (2153+!&)%()' +5' &<#'' 2)5#3!#4!9()'%5(*&<(38!(&&' &&9' 3)!#16%#9#)' !1' !

8' 7' *#69' 3)!#4!9#7' 9' 3)!2#32' 6)&!(38!@(?&!)#!4#&)' %!(16#&5)57' !())5)\$8' !)#@(%8!61?&52(*!(2)575)?!(38!

1' (*)1?121#52' &:!Q44' %' 8C!A(**!

!

GV!, -S!! /!2%' 85)&!!

^(3353+!(38!^%' 6(%5#3!

015&!2#\$%&' !5&!(3!53)%#8\$2)5#3!)#!)1' !&?&)' 9()52!6%#2' &&!#4!6*(3353+!4#%!' 44' 2)57' !2*(&&##9!53&)%\$2)5#3!

(38!(&&' &&9' 3)!(&!1' &' !)(&B&!%' *())#!)1' !2#3)' 96#%(%?!2\$%#52\$*(%2#32' 6)&!2#3)(53' 8!53!)1' !

V(35' *#3!A%(9' @#%B!4#%!)' (2153+;!015&!4%(9' @#%B!5&!\$&' 8!=?!)1' !^' 33&?*7(35(!V' 6%)9' 3)!#4!

G8\$2()5#3!4#%#6%#4' &&5#3(*!8' 7' *#69' 3)!(38!4#%!)' (21! 7(*\$()5#3:101' !&B5**&!3' ' 8' 8!4#%#53+!' (%353+!

#=>' 2)57' &!(38!53&)%\$2)5#3(*!6*(3&4#%#7(%#5\$&!8#9(53&!#4!'' (%353+!@5**!=!)(\$+1)!=?!6*(253+!(3! 961(&5&!

#3!&'))53+!+#(*&!(38!#=>' 2)57' &!4#%#53&)%\$2)5#3!6*(3353+!(2)575)5' &!(38!(&&' &&9' 3)!0.2411.9(4)-1((&')1(-1()3&!)-(#3!)]

GV!/R-!! /!2%' 85)&!

KB5**&14#%G(%*?!'' 15'81##8!G8\$2()5#3!

01' !&B5**&14#%G! &)(=5&153+!(!' (%353+! 375%#39' 3)!(38!(87(3253+12#+35)57' <461?&52(*<12%')57' <1
2#99\$352()5#3<1(38!(*18' 7' *#69' 3)!53!#?#3+1215'8%' 3!(%' !2#7' '% 8!53!)15&12#'\$%&' :!01' &' !&B5**&!(%' !
8' %57' 8!4%#9!)1' !#%5+53(*!&5P!2#96')' 32?!+## (*&!%' 453' 8!=?!)1' !'' #325!4#%G(%*?!'' 15'81##8!^%#4' &&5#3(*!
H' 2#+35)5#3!&6#3&#%' 8!=?!)1' !! ()5#3(*!D&()5#3!4#%G!)1' !G8\$2()5#3!#4!L#\$3+!' 15'8%' 3:059' !53!)15&!
2#'\$%&' !@5**!=' !8' 852() ' 8!)#!G(%*?!'' 15'81##8!^%(P5&!6%' 6(%)5#3:!Q44' '% 8C!K6%53+!
!

GV!/R/!! /!2%' 85)&!

] (3(+53+!' '*(&&%##9'E' (%353+!' #99\$35)5' &!

;3!)15&12#\$%&' <1&)'\$8' 3)&!@5**! P) 38!)1' 5%\$38' %&)(3853+!#4!1#@!' *' 9' 3)(%?1215'8%' 3!' (%3!(38!1#@!
' 3+(+53+!(2(8' 952&46#&5)57' !2#99\$35)?<48' 7' *#69' 3)(**?!(66%#6%5() ' !)' (2153+!(38! 44' 2)57' !
2*(&&%##9!9(3(+ ' 9' 3)!&\$&)(53!2#3)53\$' 8!+%#@!1:01' !6%#4' &&5#3(*!\$&' !#4!)' (21' %.)(*B!)#16%#9#)' !
' 3+(+ ' 9' 3)!53!' (%353+!(38!)#14#&)' %!(66%#6%5() ' !=' 1(75%#15&!(14#2\$&!(&!@' **!(&!&)(%) '+5' &!)#19(3(+ ' !
854452\$!)&)'\$8' 3)!=' 1(75%#&14#2\$&!#3!6%' &' %753+!)1' !215'8b&!85+35)?<46%#9#)53+!&' *4.% +\$^()5#3!(38!
&\$66#%)53+!(*' 9#)5#3(*!1' (*)1:!' ^%' .!%' N\$5&5)' C!GV!, -SQ44' '% 8C!A(**!
!

GV!/Rk!!! /!2%' 85)&!

0' (2153+!)1' !D%&!53!G** 9' 3)(%?IK21###!

01' !6\$%6#&' !#4!)15&12#\$%&' !5&!)#!'##B!()!)1' !#%#* !#4!(%)!(38!9\$&52<4&6' 25452(**?153!)1' !215'8b&!61?&52(*<1
(*<1 9#)5#3(*<12#+35)57' <19\$&52(*<1(38!2%')57' !8' 7' *#69' 3):!01' !2#32' 6)&!#4!2%')575)?!(38!
(' &!)1')52<1(38!)1' 5%#%' *()5#3&156!)#!' 3%52153+!)1' !&21###!2\$%52\$*\$9!2#3) 3)!(%' (&C!*(3+\$(+ ' !)&&49()1<1
&25' 32' <1(38!(*1)\$85' &!@5**!=' !' P6*#%' 8!:0#652&!@5**!532*\$8' !)' (2153+!9')1#8&46*(3353+!(38!
596** 9' 3)53+!8%(9()52!6*(?<46\$66')%?<19#7' 9' 3)<1(38!1#@!)#1532*\$8' !9\$)52\$*)\$%(*!1#*58(?&!53)#!)1' !
2\$%52\$*\$9:!Q44' '% 8C!K6%53+!
!

GV!/, -!! /!2%' 85)&!!

D&&' &&9' 3)!(38!G7(*\$)5#3!

D&&' &&9' 3)!(38!G7(*\$)5#3!5&!(3!53)%#8\$2)##%?12#\$%&' !53!9' (&\$%' 9' 3)!(38! 7(*\$)5#3!53! 8\$2()5#3!:)!5&!
(3!())' 96!)#!(2N\$(53!)1' !&)'\$8' 3)!@5)1!)1' !%' *()5#3&156!=')@' ' 3!(&&' &&9' 3)!(38!)1' !)' (2153+!6%#2' &&!
01' !&)'\$8' 3)!@5**!=' !53)%#8\$2' 8!)#!)1' !)' &)'53+!6%#2' &&!53!&21##*#<1)' 2135N\$' &!4#%6%' 6(%53+!)' (21' %!9(8' !
)' &)&!(38!53)' %6%')53+!&)(38(%850' 8!)' &):!Q44' '% 8C!A(**!
!

GV!/T-!! /!2%' 85)&!

;3)%#1)#!;32*\$&57' !;3&)%\$2)5#3!4#%G3+*5&1!E(3+\$(+ ' !E' (%3' %&!

015&12#\$%&' !53)%#8\$2' &!&)'\$8' 3)&!)#!)' (2153+!G3+*5&1!*(3+\$(+ ' !'' (%3' %&!53!)1' !532*\$&57' !2*(&&%##9!:01' !
&\$%7' ?!#4!B' ?!)#652&!53!)' (2153+!G3+*5&1!*(3+\$(+ ' !'' (%3' %&!5&12#9=53' 8!@5)1!+\$58' 8!6%(2)52' !53!6*(3353+!
(38!8' *57' %?!#4!8544' %' 3)5() ' 8!53&)%\$2)5#3:015&!(**#@&!)' (21' %!2(3858() ' &!)#18' 7' *#6!)1' !4#38()5#3(*!
B3#@' *' 8+ ' !3' 2' &&(%?14#%6%#75853+! N\$5)(=** !N\$(*)?!' 8\$2()5#3!)#1*53+\$5&)52(**?(38!2\$*)\$%(**?1857' %&' !
&)'\$8' 3):!01' !2#\$%&' !9' ')&!)1' !@5)53+! 31(32' 8!2#\$%&' !%' N\$5%' 9' 3):!' ^%' .%' N\$5&5)' C!GV!, -S!
!
!
!
!

GV!k-,!! R!2%' 85)!

^%#4' &&5#3(*!u!E' +(*!H' &6#3&5=5*5)5' &!4#%#0' (21' %&!

015&!2#\$%&' !4#2\$&' &!#3!)1' !8' 7' *#69' 3)!#4!85&6#&5)5#3&!%' N\$5%' 8!53!)1' !)' (2153+!6%#4' &&5#3!(&!@' **!(&!

6%#4' &&5#3(*!(38!"' +(*!5&&\$' &!)1(!)534*\$' 32' !6#*52?!(38!6%#2' 8\$%' &!53!6\$=*52!&21##*&!01' !2#32' 6)!#4!

6%#4' &&5#3(*5&9!@5**!= ' !8' 453' 8!(38!85&2\$&&' 8!53!8' 6)1!(&!@' **!(&!(!)1#%#\$+1!(3(*?&5&!#4!)1' !

^' 33&?7(35(!"#8' !#4!^%(2)52' !(38!"#38\$2)!4#%#G8\$2()#%&.!Q44' %' 8C!K6%53+!

!

GV!k-!/! /!2%' 85)&!

E5)' %(2?!;3&)%\$2)5#3!4#%#V57' %&' !E' (%3' %&!53!G*' 9' 3)(%?!K21##*!

01' !2#\$%&' !&\$%7' ?&! 758' 32' .=(&' 8!6%(2)52' &!53!*5)' %(2?!53&)%\$2)5#3!(38!(&&' &&9' 3)!4#%#857' %&' !*' (%3' %&:!

GV!k/e!! /!2%' 85)&!!

K)(+' !;;;!A5' *8!GP6' %5' 32' !

01' !2#\$%&' !2#9=53' &!K)(+' !;;;!45' *8!' P6' %5' 32' !@5)1!6%' 6(%)5#3!4#%&^' 33&?*7(35(!' 8\$2()#%&2' %)5452()5#3!

)' &):!01' !45%&!6(%)!#4!)1' !2#\$%&' !4#2\$&' &!#3!)' &!6%' 6(%)5#3:!01' !&' 2#38!6(%)!532*\$8' &!^v.R, !6%' .

&)\$8' 3!)' (2153+!' P6' %5' 32' !&\$6' %75&' 8!=?!' 8\$2()5#3!4(2\$*)?(38!^v.R, !2##6' %(%)53+!)' (21' %:!V\$(*!

2' %)5452()5#3!9(>#%&!&6*5!)!1' 5%&45' *8!' P6' %5' 32' !=')@' ' 3!+ ' 3' %(*!' 8\$2()5#3!(38!&6' 25(*!' 8\$2()5#3!

2*(&&##9&!0' (21' %&2(3858(2?!&)()\$&!(38!(2(8' 952!(38!1' (*)1!2#96*5(32' !(%' !' N\$5%' 8:'! "#

I%PNOKH\$P; MNK!0+=\$N+M\IP\$; PIN\0%!0+=I\$
!
K^G!RR-! /!2%' 85)&!

K^G!kR-! /!2%' 85)&!

G7(*\$()5#3!(38!^%#+' &&] #35)#%53+!@5)1!K6' 25(*!| ' ' 8&K)\$8' 3)&!

D3!#7' %75' @!#4!)1' !15&)%#52(*!4#\$38()5#3!(38!9(>#%2#3)%5=\$)5#3&!)#)1' !45' *8!#4!6%#+' &&!9#35)#%53+!@5**!
=' !6%' &' 3)' 8!:!3)%#8\$2)5#3!#!8' 4535)5#3&4')5#*#+5' &! (38!)1' #'%')52(*!(66%#(21' &!)#!2\$%52\$*\$9.=(&' 8!
9(3(+ ' 9' 3)!&?&)' 9&!(38!4#%9&!#4!6%#+' &&!9#35)#%53+!(% !+57' 3:!K)\$8' 3)&!@5**' (%3!(=#\$)!7(%5#\$&!
&?&)' 9&!4#%8()(!2#**' 2)5#3<21(%53+<(38!% 6#%)53+!2*(&&##9!6' %4#%9(32' !(&!)1' ?!8%7' !6*(3353+!(38!
596** 9' 3)()5#3!#4!%' 9' 85()5#3!(38!53)' %7' 3)5#3!6%#+'(9&:!
Q44' %' 8C!K6%53+!
!

K^G!k, -! /!2%' 85)&!

K' 2#38(??.D+ !K)\$8' 3)&!@5)1!K6' 25(*!| ' ' 8&!

;3!)15&2#\$%&' &4)\$8' 3)&!@5**!8' 7' *#6!(3!\$38' %&)(3853+!#4!)1' !@(?!53!@1521!6%' 6(%()5#3!4#%!(8\$*)!*54' !
8%57' &!53&)%\$2)5#3!4#%5385758\$(*&!@5)1!85&(=5^5)' &!(+ ' &!Rk., R!53!#\$%&21##*%&!)#8(?;!V\$%53+!(!, -.1#\$%6%' .
&)\$8' 3)!)' (2153+!45' *8!' P6' %5' 32' &4)\$8' 3)&!@5**!8' 7' *#6!(38!)' (21!* &&!%' *())8!#!(**!%' (&!#4!
)%(3&5)5#3<4532*\$853+!&' *4.8')' %953()5#3!(38!6%#.#(*!&B5**&!3' ' 8' 8!4#%!(8\$*)!&\$22' &&:!D@(%' 3' &&!#4!)1' !
2#99\$35)?!%' &#%\$2' &!(38!4(95?!) 3+(+ ' 9' 3)!5&&\$' &!4#%!)15&!&6' 25(*!6#6\$*)5#3!(%' !(*#!(88%' &&' 8!:015&!
2#\$%&' !9' ')&!)1' !N!%5)53+!G31(32' 8!+% (8\$()5#3!%' N\$5%' 9' 3):!
!!

K^G!k, c! /!2%' 85)&!

E' +(*!(38!^%#4' &&5#3(*!^(2)52' &!53!K6' 25(*!G8\$2()5#3!

015&12#\$%&' !@5**!4#2\$&!#3!\$38' %&)(3853+!)1' !'' +(*!&())\$)' &!(38!%' +\$*)5#3&!%' +(853+!&)\$8' 3)&!@5)1!
85&(=5^5)' &!(38!)1' !%' &\$*)53+!596(2)!#3!)1' !8' *57' %?#!#4!&' %752' &!(38!' 8\$2()5#3(*!6%#+'(9&!KB5**&!53!
8' 7' *#69' 3)!(38!8' *57' %?#!#4!)1' !;385758\$(*50' 8!G8\$2()5#3!^(3<4%#9!(+ ' !/., R<532*\$853+!' 44' 2)57' !
2#99\$352()5#3!(38!2#** (= #%)5#3<4@5**!=' ! (88%' &&' 8!:V5&2\$&&5#3!#4!6%#4' &&5#3(*!85&6#&5)5#3!(38!)' 152(*!
=' 1(75#%&!#4!' 44' 2)57' !&6' 25(*! 8\$2()#%&!@5**!=' !%' 75' @' 8!:0' (21' %!2(3858())' &!@5**!=' 2#9' !)1#%#+\$+1*?!

I*C>#: *\$H#@&: -: E\$+C*.' ?#)0\$

R: K(?)1' &50' !B3#@*' 8+' !(38!&B5**&! &&' 3)5(*!)#)1' !&\$22' &&4\$*!6%(2)52' !#4!(!^(9' 852!

,: "#99\$352()!' 44' 2)57' *?!)@5)1!5385758\$(*&4(955' &4(38!2#99\$35)5' &!

/: ^%#758' !&' %752' &!')152(**?!(38!2#96 (&&5#3() '*?!

k: J)5'50' !)1' !6%#=*' 9.&#*753+!6%#2' &&!

c: G9=%(2'!)1' !3' ' 8!4#%#3+#53+!6%#4' &&5#3(*!8' 7' *#69' 3)!

!!

K>?-)-': \$ \#bC-&#?#*: *)C!

01' !^%(9' 852!^%#+% (9!&)\$8' 3)!(895&&5#3!5&!)1' !% &6#3&5=55)?!(38!())1' !85&2%')5#3!#4!HUKUK:!

D895&&5#3!&) (38(%8&!9' ')!(38j#%!' P2' ' 8!D*7' %35(!J357' %&5)?b&!(895&&5#3!&) (38(%8&:!D895&&5#3!)#)1' !

^%(9' 852!^%#+% (9!5&!2#96')5)57' !(38!1' !&' ** 2)5#3!#4!&)\$8' 3)&!5&!= (&' 8!#3!#7' %(**!N\$(*5452)5#3&!(38! 3\$9=' %!#4!(7(5*(=*' !&' ()&!53!)1' !6%#+% (9: !D66*52(3)&!9\$&)!= !2\$%%' 3)!G9' %+ ' 32?!] ' 852(*!0' 213525(3&!

hG] 0i!@1#!1(7' !@#%B' 8!53!)1()!%#*' !4#%# (!95359\$9!#4!#3' !?' (%:!H' 4' %!)#!HUKUK!D895&&5#3&!Q4452' !4#%# 8') (5*!#3!)1' !(66*52)5#3!6%#2' &&4%* (*)' 8!N\$(*5452)5#3&4(38!8' (8*53' &:!Q32' !&)\$8' 3)&!(%' !(895))' 8!)#!

)1' !^%(9' 852!^%#+% (9!HUKUK!@5**!2#** (=#%() !@5)1!D*7' %35(!J357' %&5)?!)#!2#96**') !)1' !% +5&)% (5#3! (38! 3%#**9' 3)!6%#2' &&!4#%#D*7' %35(!J357' %&5)?:!

!

%@&@?#>-.%&' E&@? \$8#@>: E\$** \$@: \$K))' .@*#\$' ,\$!.-#: .#%; #E&##\$-: \$P?#&E#: .<\$] #>-.: #]\$ @: @E#?#*: *\$!

] 5359\$9!'%' 85)&C!Tk!!

0#)(!^%(9' 852!2% 85)&C!k,

85&' (&' <#=#)')%52&!(38!+?3' 2#*#+?<3' #3()#*#+?<6' 85()%52&<+ '%#3)#*#+?<6&?215()%52!(38!=' 1(75#%(*!
' 9' %+' 325' &!(38!6()5' 3)&!@5)1!&6' 25(*!21(**' 3+' &!(38!1#9' !1' (*)1!2(%' :!^()5' 3)!&6' 25452!(&&' &&9' 3)!(38!
(&)' 8161(%9(2#*#+52!53)' %7' 3)5#3&!@5**!(*&#!=' !85&2\$&&' 8:!015&12#\$%&' !532*\$8' &!(12*5352(*!2#96#3' 3):!
^%' .%' N\$5&5)' !G]] !RR-!

!

G]] !/R-! R, !2%' 85)&!

0%(\$9(!u!l #3.0%(\$9(!^(%(9' 852&!53!)1' !G9' %+ ' 32?!] ' 852(*!K?&)' 9&

0: >C)*&-@8\$P: E-: ##&-: EC!/-!2%' 85)&!
;G!, -R↓, RR↓/-, ↓/R-↓/, R↓//R↓k-, ↓kR-↓k, R!
01' !;38\$&)%5(*!G3+53' ' %53+!6%#+% (9!#44' %&! (!3' @!9 (>#%4#%&)&\$8' 3)&!@1#! (%' !53)' %' &)' 8!53!D%)54525(*!
;3)' **5+ ' 32' ↓V() (!] 5353+↓GP6' %)!K?&)' 9&!6' %) (5353+!)#!E53' (%!D*+' =%(! (38!E53' (%!^%#+% (9953+↓K?&)' 9&!
6' %) (5353+!)#11' (^)12(%' !(38!1\$9(3!4(2)#%&↓! \$(*5)?↓] (3\$4(2)\$%53+!K\$66*?!" 1(53!^%#2\$%' 9' 3)↓(38!
^%#8\$2)5#3!G3+53' ' %53+!%' (*)' 8!)#!F#*\$9' !] (3\$4(2)\$%53+↓U5+1!K6' ' 8↓(38!I \$(*5)?!
!</p></div>

GWH!/RR! /!2%' 85)&!!

G3+53' ' %53+!V' &5+3!;:;!

015&!@5**!= ' !(12# #6!#%!' &' (%21!' P6' %5' 32' :!K)\$8' 3)&!@5**!= ' !' P6' 2)' 8!)#14#%9 (**?!6(%)5256() ' !53!(
6%#4' &&#%h&!%' &' (%21!#%#@#%B!53!(3!538\$&)%5(*16(%)3' %b&!4(25*5)?!^%' %' N\$5&5)' C! \$35#%&!)(\$&!#%V' 6(%)9' 3)!
" 1(5%#%V' (3!6' %95&&5#3:!Q44' %' 8C!K6%53+!

!

GWH!kd-! ,!2%' 85)&!!

K' 35#%!" (6&)#3' !V' &5+3!;!

01' !45%&!)#4!)@#!2#\$%&' &!)1()!&6(3!)1' !&' 35#%?' (%!01' !&)\$8' 3)&!@5**!@#%B!53!)' (9&!2#3&5&)53+!#4!/!)#!c!
&)\$8' 3)&!#3!X%' (*Y!5&&\$' &!(38!6%#>' 2)&!01' !6%#>' 2)&!@5**!= ' !8' %57' 8!(38!&6#3&#%' 8!=?!538\$&)%?16(%)3' %&#<
4(2\$)?!%' &' (%21' %&#%&!)\$8' 3).=(&' 8! 3)%' 6%' 3' \$%5(*!7' 3)\$%' &:!01' !)' (9&!@5**!= ' !%' &6#3&5=*' !4#%!
2%' ()53+!(38!2#99\$352()53+!(12#96%' 1' 3&57' !6%#>' 2)!6*(3<!12#96%' 1' 3&57' !8' &5+3!#\$)*53' !(38!(
2#99' %25(*50()5#316*(3:!^%' %' N\$5&5)' C!K' 35#%&!)(\$&!)(38!(12#995)9' 3)!#4!, --!1#%\$&!#%9#%' !#4!%' &' (%21!
#7' %&!)@#!&' 9' &)' %&:!Q44' %' 8C!A(**!

!

GWH!kdR

GG!/--

GG!kR-! ! /!2%' 85)&!

D87(32' 8!] ()' %(*&! (38!K?&)' 9&!4#%G*' 2)%#352&! (38!^1#)#352&!

015&!2#\$%&' !4#2\$&' &!#3!&' 952#38\$2)#%9 ()' %(*! (38!' ** 2)%#352! (38!61#)#3!8' 752' &:!0#652&!532*\$8' !

&' 952#38\$2)#%6.3!>\$32)5#3&! (38!8' 752' &!

;G!/, R! ! /!2%' 85)&!!
;38\$%)%(*!D\$)#9()5#3!u!H#=#)52&!
015&!2#\$%&' !@5**!2#7' %!(3!53)%#8\$2)5#3!)#!%#=#)52&!) 213###+?!(38!(66*52()5#3&!0#652&!532*\$8' !%#=#)!
(3)(#9?4!2#3)%#*&4&' 3&#%&4!6%#%+(9953+4@#%B!2' **!8' &5+34!6%)!1(38*53+4@' *853+4!(38!(&&' 9=*?:!01' %' !
@5**!=' !53)' +%()' 8!E(=#%()#%?!' P' %25&' &!(&!(66%#6%5()':!;3)' +%()' 8!*' 2)\$%' !(38!* (=;!Q44' %' 8C!K6%53+!
!
;G!//R! ! /!2%' 85)&!!
^%#8\$2)5#3!G3+53' ' %53+!
;3!)15&!2#\$%&' !&)\$8' 3)&!@5**!8' 7' *#6!)1' !6%#2' &&!6*(3&!4#%9(3\$4(2)\$%53+!#4!85&2%')' !6(%&!@5)1!(3!
' 961(&5&!#3!9(215353+!6%#2' &&' &!6*(3353+!(38!8' &5+3!9(3\$4(2)\$%53+!53)' %4(2':!0#625&!@5**!532*\$8' !(3!
' 2#3#952!(3(*?&5&!#4!6%#2' &&!8' &5+3!(*' %3()57' &!(*#3+!@5)1!2#32\$%' 3)! 3+53' ' %53+!#652&!01' %' !5&! (3!
53)' +%()' 8!* (==#%()#%?!2#96#3' 3)!(&!(66%#6%5()':!;3)' +%()' 8!*' 2)\$%' !(38!* (=;!Q44' %' 8C!K6%53+!
!
;G!/cR! ! /!2%' 85)&!!
0#652&!53!;38\$%)%(*!G3+53' ' %53+!
015&!2#\$%&' !@5**!85&2\$&&!7(%#%\$&!)#652&!53!538\$&)%%(*!' 3+53' ' %53+;!0#652&!@5**!7(%?!4%#9!&' 9' &)' %!)#!
&' 9' &)' %!(38!2(3!=' !%' 6' ()' 8!5!\$38' %!8544' %' 3)!)#652&!Q44' %' 8C!K6%53+!
!
;G!k-, ! ! /!2%' 85)&!!
^%#8\$2)!! \$(*)?!
015&!2*(&&!@5**!+57' !&)\$8' 3)&!(3!53)%#8\$2)5#3!)#!' 3+53' ' %53+!9')1#8&!4#%9#35)%#53+4!2#3)%#*4!(38!
596%#7' 9' 3)!#4!N\$(*)?;!K)\$8' 3)&!@5**!\$&' !&)(5&)52(*!9#8' *&!#4!N\$(*)?!9' (&\$%' 9' 3)&4&)(5&)52(*!6%#2' &&!
2#3)%#*4!(22' 6)(32' !&(96*53+4!(38!N\$(*)?!9(3(+ ' 9' 3)!6%53256** &:!01' %' !@5**!=' !53)' +%()' 8!* (==#%()#%?!
' P' %25&' &!@1' 3!(66%#6%5()':!;3)' +%()' 8!*' 2)\$%' !(38!* (=;!Q44' %' 8C!A(**!
!
;G!kR-! ! /!2%' 85)&!!

(22' 6)' 8!*5)' %(%?!2(3#3!(38!#\$)&58' !#4!5):!K)\$8' 3)&!@5**!= ' !' P6#&' 8!)#)1' !&5+35452(3)!15&)#%52(*<16#*5)52(*<

GI W!/ce

(38!=(&52!2#96\$)53+!)'%953##+?<9' (353+4\$!\$&'<7(*\$' .!=(&' 8!2(%' <1' (*)1.%' *())' 8!8()(!&)%\$2)\$%' <
)@(%' !&' ** 2)5#3<1' (*)1!534#%9()5#3!&' 2\$%6)?<(38!\$&(=5*5)?!2#32' 6)&:!Q44' %' 8C!K6%63+!

!

U"K!/-T! /!2%' 85)&!

U;0!D89535&)%()57' !D66*52()5#3&!

015&!2#\$%&' !6%' 6(%' &!)1' !1' (*)1!6%#4' &&5#3(*!&)\$8' 3)!#!(3(*?0' !8()(!9#=5*5)?<1(%8@(%' !534%(&)%\$2)\$%' <
@#%B4*#@!6%#2' &&<4%' 8' &5+3<17(*58()5#3<(38!21(3+' !9(3(+ ' 9' 3):!01' !&)\$8' 3)!@5**!6(%)5256() ' !53!(!U;0!
2\$*)\$%' !&\$66#%)53+!N\$(*)?!(38!&(4')?<4%' 6#%)53+!)1%#\$+1!' ** 2)%#352!&?&)' 9&<4%' +5&)%6' &<1' 658' 95###+52(*!
8() (= (&' &<1(38!=5#

(38!8' 7' *#6!)' (9!2\$*)\$%' !(38!2#9%(8' %?:!01' !2#\$%&' !@5**!4#2\$&!9(53*?!#3!)' (9!&6#%)&!=)\$!@5**!85&2\$&&! 5385758\$(*!&6#%)&!(&!@' **:^%' % N\$5&5)' c!U''K!IRR-:!

!

U''K!// -! /!2%' 85)&!!

U' (*)12(% !E5)' %(2?!(38!D87#2(2?!

015&!2#\$%&' !' 961 (&50' &!&21#*(%*?!%' &' (%2!!(38!@%#)53+!&B5**&!)#!8' 7' *#6!(!1' (*)12(% !5)' %(2?!6#>' 2)! 6%#6#&(*:!!I ()5#3(*!+#(*&!(38!596** 9' 3)()5#3!&%)' +5' &!4#%#1' (*)1!5)' %(2?!53!2#3)' 96#%(%?!')?!(%' ! ' P6*#%' 8!(38!(66*5' 8!)#!(!6%#>' 2)!6*(3:!D!&2(44#*853+!(66%#(21!5&!\$&' 8!)#!2%' ()' !(!9\$*)5.4(2')' 8! ' 8\$2()5#3(*!@%#)' 3!6%#>' 2)!6%#6#&(*:!!G)152(*!5&&\$' &!&\$%#%\$3853+!(*!8')' %953(3)&!#4!1' (*)1!(38!)1' ! =(%#%#&!)#!1' (*)12(% !5)' %(2?!4(2' 8!=?!\$38' %&' %7' 8!6#6\$*()5#3&!(%' !53)' +%()' 8:!!K' ** 2)' 8!)#652&! 596(2)53+!1' (*)12(% !5)' %(2?!@5**=' !' P6*#%' 8:!015&!2#\$%&' !9')&!)1' !M%#)53+!G31(32' 8!+%(8\$()5#3! %' N\$5%' 9' 3):!!

!!

U''K!//c! /!2%' 85)&!

^#6\$*()5#3!U' (*)1!53!G658' 95#*#+?!

015&!2#\$%&' !53)' +%()' &!2#32' 6)&!#4!)%(85)5#3(*!6\$=*52!1' (*)1!#9')1#8&!#4!1' (*)1!2(% !#4(38!6\$=*52!6#*52?! 53)' %7' 3)5#3&!)#!596#7' !)' !6#6\$*()5#3r&!1' (*)1:!!V' *57' %?!#4!1' (*)1!2(% !#4(38!&'))53+&!(%' !' P6*#%' 8!@5)1! (3! 961 (&5&!#3!7\$*3' %(*=* !6#6\$*()5#3&!53!#3' r&!#2(*!2#99\$35)?!G658' 95#*#+?!8()(!(% !53)%#8\$2' 8!)1%#\$+!1!)!G658' 95#*#+?!0%#(3+* !] #8' *!2#96#3' 3)&!h1#(+ 3)#4(38! 375%#39' 3)i:!!D!&?&)' 9& .)153B53+!&%)' +?!@5**!(^#&!= '!(66*5' 8!)1%#\$+!1!(4(95*5(%50()5#3!(&&' &&9' 3)!53! 7(*\$()5#3!#4!(!&' ** 2)' 8! 2#99\$35)?:!!!

!

U''K!/k-! /!2%' 85)&!!

U' (*)12(% !K25' 32' !] (3(+ ' 9' 3)!

2#7' % 8!532*\$8' !1' !\$&' !#4!2\$%%' 3)!;"V!&?&)' 9!53!(&&' &&9' 3)4&2%' ' 353+!(38!53)' %7' 3)5#3!532*\$853+!
@#%B6^(2' !1' (*)1!6#9#)5#3!(38!2#99\$35)?!2%5&5&!53)' %7' 3)5#3:!01' !596(2)!#4!8544' % 32' &!53!(=5*5)?4(+ ' 4
2*(&&42#*#%42\$*)\$%' 4')13525)?44(95*?!&)%\$2)\$%' 4+' 38' %!h532*\$853+!+' 38' %!58' 3)5)?!(38!+' 38' %!' P6%' &&5#3!
9(%5)(*!&())\$&43()5#3(*!#%5+534%(2' 4%' *5+5#3!#%&65%5)\$(*5)?4&' P4(38!&' P\$(*!#%5' 3)()5#3!@5**!=' !' P(953' 84
(&!1' &' !%' *()' !)!#7(%5#\$&!1' (*)1!6%(2)52' &46#*525' &!(38!&' %752' &!015&!2#\$\$%&' !@5**!1' *6!)1' !&)\$8' 3)!
(3(*?0' !)1' !7(%5#\$&!2#96#3' 3)&!#4!D9' %52(3!1' (*)12(%' 16#*52?4532*\$853+!6#*5)52(*!(38! 2#3#952!6#*52?4

@#%*8!(%#\$38!\$&!U5&)#%?!1#3' &!1' !)##*&(**!&)\$8' 3)&!3' ' 8!)#!9#7' !\$6@(%8!53!)1' 5%#6%#4' &&5#3&! [!
2\$*)\$%(*!5)' %(2?4%' (853+4@%#)53+!(38!%' &' (%21!&B5**&!U5&)#%?!9(>#%&!2(3!6*(348' &5+34(38!)153B!2%#)52(**?;!
01' ?!(% !%' (8?!4#%#3\$9' %#\$&!6%#4' &&5#3(*!6()1&4532*\$853+!)' (2153+4)1' !*(@4(38!+#7' %39' 3)!&' %752' :!
01' !V' 6(%)9' 3)!#4!)1' !U\$9(35)5' &453!2#3>\$32)5#3!@5)1! 8\$2()5#34&\$6' %75&' &!&)\$8' 3)!6%' 6(%)5#3&!4#%#
^' 33&?7(35(!)' (21' %!2' %)5452()5#3:!

!!

A0! ! + \a\$

!

] @k' &C!/e!2%' 85)&!

U;K!RR-4RR, 4/-/4k, e4kS/\!e!2%' 85)&!#4!D9' %52(3C!U;K!/-4/-d4/, , 4//k4/kk4/c, 4/ek\!e!2%' 85)&!4%#9!

G\$%#6' (3!&' N\$' 32' C!U;K!/-T4/RS4/, /4//T4/KS4/c/!S!(885)5#3(*' ** 2)57' !15&)#%?!2%' 85)&!()!1' !, --!

** 7' *!#%#15+1' %:!

!

] -: ' &C!Rd!2%' 85)&!

U;K!, k-!! /!2%' 85)&!!

0#652&153!W*#=(?!U5&)#%?!
01' !&)\$8?!#4!3#3.M' &' %3!2\$*)\$%' !(38!15&)#%?!^#) 3)5(*!)#652&1532*\$8' C!G(&!D&5(3<] 588** IG(&' %3<4E()53!
D9' %52(3<4(38!D4&52(3!15&)#%5' &!015&!2#\$%&!4\$*45**&!1' !1\$9(3!857' %&5)?!+(8\$()5#3!%' N\$5%' 9' 3)!!'#\$%&'!
9(?!= ' !%' 6' ()' 8!4#%2%' 85)!@5)1!8544' %' 3)!#652&:
!

U;K!, kc!! /!2%' 85)&!

0#652&153!! ()57' !D9' %52(3!U5&)#%?!
K)\$8?!#4!)1' !8544' %' 3)!(&6' 2)&!#4!)1' !6(&!#4!)1' !5385+' 3#\$&!6' #6** &!#4!)1' !D9' %52(&!G961 (&5&!5&!6*(2' 8!
#3!53)%#8\$253+!&)\$8' 3)&!#1)1' !7' %?!8544' %' 3)!2\$*)\$%' &!@152!1(7' !#22\$65' 8!)1' !D9' %52(3!2#3)53' 3)&!4#%!
)' 3&!#4!)1#\$&(38&!#4!?' (%&!38!@152!12#3)53\$' !)#1534*\$' 32' !G\$%#.D9' %52(3!2\$*)\$%' &!#1(3! P)%(#%853(%?!
8' +% ' :!015&!2#\$%&!4\$*45**&!1' !1\$9(3!857' %&5)?!+(8\$()5#3!%' N\$5%' 9' 3)!:
!

U;K!, c-!! /!2%' 85)&!!

:3)' %85&256*53(%?!U5&)#%?!
:3)%#8\$2)5#3!)#1' !15&)%#52(*!(&6' 2)&!#4!(16(%52\$*(%85&256*53' !&\$2!(&!=&53' &&&4' 2#3#952&4(*!@#%B!
#%2%5953(*!>\$&)52' !:
!

U;K!, cc!! /!2%' 85)&!!

U5&)%#52(*!_5#+%(61?!
01' !&)\$8?!#4!(16%#953' 3)!5385758\$(*!#%5385758\$(*!53!#%8' %&!#)\$38' %&)(38!3#)!>\$&!)1' 5%57' &<=\$!)1' !
5&&\$' &!38!2#3) P)&!@5)1!@152!1)1' ?!1(8!)#18' (*!01' !2#\$%&' !(*&!&' B&!#)\$38' %&)(38!)1' !2! (** 3+' &!
@152!!(**!6' #6** <3#)!>\$&!15&)%#52(3&4(2' !53!% 2#3&)%2)53+!6(&!7' 3)&!38!7(*\$()53+!)1' 9'!
K#9' !6#&&5=* !'57' &!#)!&)\$8?1532*\$8' C!D8#*4!U5)*%<#&' 61!K('53<] (1()9(!W(3815<] (%53!E\$)1' %!v53+<
A*%# 32' !! 5+1)53+(*<#%! \$' ' 3!G*50(=')1!;!
!

U;K!, e-!! /!2%' 85)&!!

^' 33&?7(35(!38!E#2(*!U5&)#%?!
0%(2' &!38!2##%853()&' ^' 33&?7(35(!38!*#2(*!15&)#%?!=?!4##*#@53+!)1' !B' ?!' 7' 3)&!#4!&())' !38!*#2(*!
15&)%#5' &!1)1' !+##(*!#4!)1' !2#\$%&' !5&!#!4(955(%50' !)1' !&)\$8' 3)!@5)1!=#)1)1' !15&)%#52(*!3()\$%' !#4!)1' 5%*#2(*!
' 375%#39' 3)!38!6%#758' !53&5+1)&!53)#!1()!15&)#%?!:
!

U;K!, dR!! /!2%' 85)&!!

0#652&153!] 5*5)(%?!U5&)#%?!
01' !&)\$8?!#4!@(%!(38!955)(%?!15&)#%?!:01' !2#\$%&' !#B&!())1' !=(*)&!38!45+1)53+!(38!537' &)5+()&!1' !
\$38' %?753+!2#3#952<4(*<4(38!2\$*)\$%(*!4(2)%%&!1()!1(7' !8%57' 3!(38!534*\$' 32' 8!@(%!#7' %&!1' !2' 3)%5' &:
0#652&19(?!7(%?!4%#9!&' 9' &)' %&!#)!&' 9' &)' %!:] (?!= ' !%' 6' ()' 8!\$38' %!8544' %' 3)!#652&:
!

U;K!/--!! /!2%' 85)&!!

"#*#35(*!D9' %52(!
0%(2' &!D3+*#.K6(35&1!(38!D3+*#.A%' 321!&)%\$+*# &!4#%2#3)%#*!#4!#%)1!D9' %52(<)1' !)%3&6*(3)53+!#4!
G\$%#6' (3!6' #6** &!38!53&5)\$)5#3&!#)1' !#%5+53(*!R!_#5&1!2#*#35' &<4(38!8' 7' *#69' 3)!#4!)1#&' !R/!
2#*#35' &!53)#!&' 95.538' 6' 38' 3)!&())' &!=' 4#%' !RTE/!:
!

U;K!/-/!! /!2%' 85)&!!
, -)1!'' 3)\$%?!M#%'8!U5&)%#%?!
015&!2#%\$&' !2#7' %&!@#%'8!15&)%#%?!53!1' !, -)1!2' 3)\$%?!44#2\$&53+!#3!9(>#%21(3+' &!4%#9!)1' !' 38!#4!M#%'8!
M(%!;!#!)1' !6%' &' 3):!
!

U;K!/-T!! /!2%' 85)&!!
W%' 2#.H#9(3!''575*50()5#3!
'' #7' %&!1' !+##@)1!#4!)1' !2*(&&52(*!2575*50()5#3&!#4!)1' !M' &)<4%#9!)1' !] 53#(3j] ??' 3(' (3!2575*50()5#3!
)1%#%\$+1!)1' !%&&' !#4!W%' ' 2' <!)1' !)% (3&4#%9()5#3!#4!W%' ' B!2575*50()5#3!53)#!)1' !U' *** 35&)52!2575*50()5#3&<(38!
)1' !)%\$961!(38!8' 2*53' !#4!H#9' :!
!

U;K!/-d!! /!2%' 85)&!!
D9' %52(3!H' 7#*\$)5#3!(38!'' #3&5)\$)5#3!
GP(953' &!*')' !2#*#35(*' !%(!532*\$853+!2(\$&' &!#4!)1' !H' 7#*\$)5#3(%?!M(%<' 9' %+ ' 32' !#4!)1' !J35)' 8!K())' &!
\$38' %&)1' !D%)52*' &!#4!' #34' 8' %()5#3<(38!&6' 25(*' !' 961 (&5&!#3!#%5+53&! (38!%()5452()5#3!#4!)1' !' #3&5)\$)5#3:!
!

U;K!/RS!! /!2%' 85)&!!
E()' !D3)5N\$5)?!(38!G(%*?!] ' 85' 7(*!
0%(2' &!4\$&5#3!#4!2*(&&52(*!2575*50()5#3<' 1%5&)5(35)?!(38!W' %9(3!)%5=' &!53)#!)1' !45%&)!G\$%#6' :!G961 (&50' &!
\$38' %&) (3853+!)1' !)% (3&5)5#3!4%#9!)1' !D325' 3)!M#%'8)#!)1' !=5%)1!#4!G\$%#6' (3!2575*50()5#3!#4!)1' !U5+1!
] 588*' !D+' &:!
!

U;K!/, , !! /!2%' 85)&!!
G(%*?!I ()5#3(*!u!' 44' %#(3!D9' %52(!
A#**#@&!8' 7' *#69' 3)!#4!D9' %52(3!')?!(38!2\$*)\$%' !(&!D9' %52(3&!&#\$+1)!#18' 453' !6%' 25&' *?!Tm/T*(*

U;K!/T!! /!2%' 85)&!!

G(%*?!] #8' %3!G\$%#6' !

A%#9!)1' !H' 3(5&&(32' !)#!)1' !G*50(=')1(3!D+' !)#!)1' !2#\$\$)!#4!E#\$5&!x;F<!)15&!2#\$\$%' !4#**#@&!4%(+9' 3)53+!

#4!)1' !9' 85' 7(*!@#%*8!(38!' 9' %+ ' 32' <!)1%#\$\$+!\$61' (7(*<#4!3' @!%' *5+5#\$\$<6#*5)52(*!(38!53)' *** 2)\$(*!

&)?*! &!</p></div>
<div><p>!</p></div>
<div><p>U;K!/kk!! /!2%' 85)&!</p></div>

2#**#N\$5(!' P(96** &C!05) (352C!] ?)1!(38!H' (*5)?\!W##8!(38!G75*!53!A(2)!(38!A52)5#3\!(38!E' (8' %&C!_#%3<]

!

UI H!ke-! e!2%' 85)&p!!

U#3#%&!01' &5&!

M#%B53+!2*#&' *?!@5)1!(!4(2\$*)?!9' 3)#%<!&)\$8' 3)&!2#96**)' !(!)1' &5&<@1521!537#*7' &!58' 3)54?53+!(38!&#*753+!
(!&21#*(%?!6%#=#' 9!#%8' 7' *#653+!(!2%' ()57' !@#%B:!!^%#>' 2)!9\$&!!=' !53)' %85&256*53(%?<(38!&)\$8' 3)&!9\$&!
&\$22' &&4\$**?!8' 4' 38!(16%#6#&(*!(38!453(*!6%#>' 2)!#)1' !U#3#%&!D875&#%?!_#(%8!(38!6%' &' 3)!#)1' !2#***' +' !
2#99\$35)?!p] (?!=' !)(B' 3!53!#3' !&' 9' &)' %4#%de!2%' 85)&!#%!)@#!&' 9' &)' %&!4#%l/!2%' 85)&! (21:

** (%353+!' P6' %5' 32' &!= ' ?#38!)1' !2#\$%&' @#%B:;!32*\$8' 8!53!)1' !6#%)4#*5#!@5**!= ' !(3!53)%#8\$2)#%?!6(6' %!
' P6*(5353+!)1' !2#3)' 3)!(38!&5+35452(32' !#4!' (21**' (%353+!' P6' %5' 32' :!K\$21!5)' 9&!95+1)!532*\$8' C!&21#*(%?!
#%#2%' ()57' !6(6' %&!@%5))' 3!2#99' 3)&!4%#9!6%#4' &&#%&!#3!6%' &' 3)()5#3&!#%#6%#>' 2)&!%' &' (%2!#8()(!38!
%' *()' 8!2#32*\$85#3&!%' +(853+!(!' *' 7(3)!)1' #%?!#%\$3(*' 3)%5' &8' *53' ()53+!)1' !59' <' 44#%)&!(38!
%' (2)5#3&!#!(3?!*' (%353+!#66#%)\$35)?!53!)1' !6%#+(9:!01' !6#%)4#*5#!@5**!= ' !%' 75' @' 8!=?!)1' !(875&#%#(38!
8' 4' 38' 8!53!)1' !6%' &' 32' !#4!(!6(3' *!#4!)@#!6%#4' &&#%&!4%#9!)1' !%' *' 7(3)!(2(8' 952!(%' (&!(38!)1' !
(875&#%#!
!!

" (=2B" (=3; 8!
!

01' !9()1' 9()52&16%#%+(9!5&!8' &5+3' 8!)#!6%#758' !&)\$8' 3)&!@5)1!&\$44525' 3)!=(2B+%#38!53)#!9()1' 9()52(*!
)1' #%?!(38!6%(2)52' !&#!)1' ?!9(?!6\$%&\$' !+%(8\$()!' !@#%B<!%' &' (%2!&!(38!7(%5#&!)?6' &!#4!@#%B!53!538\$&)%?;!
!
] K! AP] K! 0NI\$
!
] @λ' &c!c/.ce!2%' 85)&!
N' &#C!/-./!2%' 85)&!
] DO!, -k<!, -S<!, /-<!, /R<!, k-<!, /, <k-R<kRc<k, -<] DO!R/R!%' 2#99' 38' 8:!

' (%353+!2%' 85)!4#%!)15&!2#\$%&' !2(33#)! ' (%3!2%' 85)!4#%!] DO!, -S: !^%' %' N\$5&5)' C!& ()5&4(2)#%?!&2#%' !#3!)1' !

] DO!, /R! k!2%' 85)&!!

" (*2*\$&!;:;!)

015&!2#\$\$%&!532*\$8' &!(66*52()5#3&!#4!53)' +%()5#3!532*\$853+!7#*\$9' &!#4!&#*58&!#4!%' 7#*\$)5#3<!(%2!*' 3+)1<(38!
2' 3)' %!#4!9 (&&!D87(32' 8!53)' +%()5#3!) 2135N\$' &!532*\$853+!53)' +%()5#3!=?!6(%&<!)%&+#3#9')%52!
&\$=&)5\$)5#3&<(38!6(%5(*!4%(2)5#3!8' 2#96#&5)5#3&!(%' !(*&#!2#7' %' 8:!' (*2*\$&!;:;!532#%6#%()&!(!
2#96%' 1' 3&57' !&)\$8?!#4!534535)' !&' %5' &!532*\$853+!7(%5#&\$&!&)&!4#%2#37' %+ ' 32' !(38!)1' !&)\$8?!#4!6#@' %!
&' %5' &!A\$32)5#3&!(%' !(*&#!6(%9')' %0' 8!(38!)(3&4#%9' 8!53)#!6#* (%4#%9:;!^%' %' N\$5&5)' C!] DO!
, /-Q44' %' 8C!K6%53+!
!

] DO!, /, ! k!2%' 85)&!!

" (*2*\$&!;:;!)

015&!2#\$\$%&!6%' &' 3)&!(!&)\$8?!#4!7' 2)#%&!53!&6(2' !(&!@' **!(&!4\$32)5#3&!#4!)@#!#%9#%' !7(%5(=*' &:!' (*2*\$&!;:;!;
8' *7' &!53)#!)1' !6%#6' %5' &!#4!9\$*)57(%5(=*' !4\$32)5#3&!532*\$853+<=\$!)!3#)!*595)' 8!)#<6(%5(*!8' %57')57' &<
#6)5950()5#3!) 2135N\$' &<E(+%(3+' !9\$*)56*5' %&<9\$*)56*' !53)' +%()5#3<!*53' !(38!&\$%4(2' !53)' +%(*&<(38!
15+1' %!859' 3&5#3(*!(3(*#+&!#4!)1' !A\$38(9' 3)(*!01' #%' 9!#4!" (*2*\$&!532*\$853+!W%' ' 3b&!01' #%' 9<K)#B' &b!
01' #%' 9<(38!)1' !V57' %+ ' 32' !01' #%' 9:;!^%' %' N\$5&5)' C!] DO!, /R!Q44' %' 8C!K6%53+!
!

] DO!, k-! /!2%' 85)&!!

E53' (%D*+' =%(!

015&!2#\$\$%&!53)%#8\$2' &!1' !1' #%?!#4!9()52' &!@5)1!(66*52()5#3&!\$&53+!&?&)' 9&!#4!' N\$()5#3&<85&2\$&&5#3!#4!
8')' %953(3)&<)% (3&4#%9()5#3&<

] DO!/R-! /!2%' 85)&!!

0#6#*#+?!

015&!2#\$%&' !5&!1' !&)\$8?!#4!)1' !6%#6' %)5' &!#4!&6(2' !6%' &' %7' 8!\$38' %!2#3)53\$#\$&!8' 4#%9 ()5#3&<!&\$21!(&!

2#3>\$32)5#3!@5)1!&' 953 (%&!)#!4(25*5)() !9 (&)' %?!#4!&B5**&!3' 2' &&(%?!4#%!' 3)%?!*! 7' *!9' 852(*!59(+53+!
6%#4' &&5#3(*&!hHKUK!] ;!-cci!^%' N\$5&5)' &@!] ;!, k-<, kR<KQ"!/-e:!

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] ;!, TT!!

] JK!-cR! R!2%' 85)!!
^%57()!'!;3&)%\$2)5#3!
^%57()!'!&&!53!65(3#<17#52' <1#%+ (3!#%!(3?!#)1' %!53&)%\$9' 3)!4#%!@1521!(3!53&)%\$2)#%!2(3!='!9(8'!
(7(5*(='!#3!%' N\$' &):!Q3' !1(*4.1#%\$!'' &!6' %!@' ' B!6' %!2%' 85):!D885)5#3(*!4' ' !%' N\$5%' 8:!] (?!='!
' 6' ()' 8!4#%!2%' 85):!
!
] JK!R, R! /!2%' 85)&!!
:3)%#8\$2)5#3!)#!] \$&52!
^%' &' 3)()5#3!#4!=(&52!' ** 9' 3)&!#4!9\$&52<1596#%) (3)!4#%9&<!)?6' &!(38!%' 6%' &' 3)()57' !&)?*' &!(38!@#%B&:!
^%#9#)' &!9#%' !53)' **5+' 3)!*5&)' 353+!)#!9\$&52<!' &6' 25(**?!2*(&&52(*!9\$&52:!
!
] JK!R, /! /!2%' 85)&!!
D9' %52(3!^#6\$*(%!] \$&52!
^%' &' 3)&!=(&52!' ** 9' 3)&!#4!9\$&52!@5)1!&6' 25(*!' 961(&5&!#3!+%#@)1!(38!8' 7' *#69' 3)!#4!D9' %52(3!
6#6\$*(%!9\$&52<1%#2B!(38!>(00:!E5&)' 353+!*' &&<1538' 6' 38' 3)16#%>' 2)&!(38!2*(&&!85&2\$&&5#3&!)1()!
' 32#\$(+' !!(2)57' !6(%!)5256()5#3!(38!8' 7' *#6!(3!(66%' 25()5#3!4#%#%\$!%52!1!1' %) ('+' !#4!9\$&52!(38!)1' !!(%)&:!
!
] JK!R/-! /!2%' 85)&!!
K53+!_%#(8@(?!
:3)%#8\$2' &!1' !&)\$8' 3)!#!=(&52!7#2(*!)' 2135N\$' <1+16%' 6(%!)5#3!(38!6' %A#%9(32' :!K#3+!5)' %())\$%' !@5**!
' 961(&50' <1=\$)!3#)!='!'595)' 8!)#<1_%#(8@(?!]) \$&52(*!01' ()' :!01' !2*(&&!@5**!532*\$8' !*57' !6' %A#%9(32' <1
** 2)\$%' <185%' 2)' 8!*5&)' 353+<18' 9#3&)%()5#3<185&2\$&&5#3<1(38!(\$85#.75&\$(*!9() '%5(*&!Q=&' %7()5#3&<1
53)' %(2)5#3&!(38!85&2\$&&5#3&!(%' !' 32#\$(+' 8:!'^(2)52' !#)\$&58' !#4!2*(&&!5&! P6' 2)' 8:!
!
] JK!R/R! /!2%' 85)&!!
] \$&52!A\$38(9' 3)(*!75(!^5(3#!
G** 9' 3)&!#4!3#)()5#3<1&2(*' &<153)' %7(*&<1)%5(8&<14\$32)5#3(*!B' ?=#(%8<1' ** 9' 3)(%?!&5+1)!&53+53+<1(38!' (%
)%(5353+!:!
!!
] JK!R/, ! /!2%' 85)&!!

G&6' 25(**?!% 2#99' 38' 8!4#%&)\$8' 3)&!6*(3353+!(!2(% ' %!53!1' (*)12(% !#%1\$9(3!&' %752' &:! #!
6%' % N\$5&5)' &43#16%5#%!9\$&52(*! P6' %5' 32' !#%&6' %A#%9(32' !% N\$5%' 8:!

!

] JK!, , R! /!2%' 85)&!!

D9' %52(3!] \$&52!

;3.8' 6)1!&)\$8?!#4!#%+53&!#4!9\$&52!53!D9' %52(!4#%9!' (%*?&'))** 9' 3)&!1%#\$\$+1!)1' !6%' &' 3)!8(?!IG961(&5&!
#3!2#3)%5=\$)53+!2\$*)\$%(*!4(2)#%&!(&!@' **!(&!&)\$8?!#4!&)?' !(38!4#%9:!A#*B48(32' 4%' *5+5#\$\$&4&)(+' 4(38!%)!
9\$&52!5&!532*\$8' 8:!

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] JK!, , ! /!2%' 85)&!!

] \$*)52\$*)\$%(*!] \$&52!

K)\$8?!#4!9\$&52(*!857' %&5)?!#4!)1' !@#%*8:!G961(&5&!#3!53)' %%*()5#3&156!#4!9\$&52!(38!2\$*)\$%(*!)%(85)5#3&:!
0#652&C!9\$&52!#4!D4%52(4G\$%#6' 4(38!)1' !D9' %52(&4532*\$853+!)1' 5%!534*\$' 32' !#3!D9' %52(3!9\$&52!E' 2)\$%' 4!
85&2\$&&5#3&4758' #!(38!' P)' 3&57' !\$&' !#4!%' 2#%8' 8!9() %5(*:!015&!2#\$\$&' !4\$*45**&!1' !1\$9(3!857' %&5)?!
+%(8\$)5#3!% N\$5%' 9' 3):!

!

] JK!, , k! /!2%' 85)&!!

_#(8@(?!] \$&52(*&!

K\$%7' ?!#4!9\$&52(*!)1' ()%52(*!6%#8\$2)5#3&!@5)1!' 961(&5&!#3!)1' !8' 7' *#69' 3)!#4!)1' !D9' %52(3!9\$&52(*!
)1' ()%':!

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] JK!, /c! /!2%' 85)&!!

U(%9#3?!

^(%)!ETQq0.24000.2411.3386590.8214cmBT460046423.704-775Tm/TT21Tf(!)TjETQq2Tc42Tm/TTf(!)TT21Tf(!)TjETQq2Tc42T

01' !D*7' %35(!J357' %%5)?!_(21' *#%#4!K25' 32' !53!! \$%&53+!6%#+% (9!5&!4\$

z

Z K)\$8' 3)&!@1#!%' 2' 57' !(+%(8' !#4!*' &&!)1(3!(!X'' oY!53!(!3\$%&53+!2#\$%&' !9(?!3#)!6%#+%' &&!53!
3\$%&53+!2#\$%&' &!4#%#@1521!)1(!2#\$%&' !5&!(!6%' %' N\$5&5)' :!

Z D215' 7' 9' 3)!#4!(!X''Y!#%#=')' %!53!' (21!%' N\$5%' 8!&25' 32' !2#\$%&' :!K)\$8' 3)&!9(?!%' 6' ()!3#!
9#%' !)1(3!)1%' ' !%' N\$5%' 8!4#\$38()5#3(*!&25' 32' !2#\$%&' &!h532*\$853+!_!Q!R-T!_!Q!RRT!_!Q!
R-d!_!Q!RRd!''UG!R-e!''UG!R-S!(38!_!Q! , -i!53!#%8' %!)#!' (%3!(!6(&&53+!+%(8' !#4!()!'' (&!(!
X''Y!(38!9(?!%' 6' ()!3#!&53+*' !&25' 32' !2#\$%&' !9#%' !)1(3!#3' !)59' :!

Z K)\$8' 3)&!@1#!%' 2' 57' !(+%(8' !#4!*' &&!)1(3!X''Y!53!(!%' N\$5%' 8!&25' 32' !2#\$%&' !9(?!3#)!6%#+%' &&!
53!3\$%&53+!2#\$%&' &!4#%#@1521!)1(!&25' 32' !5&!(!6%' %' N\$5&5)' :!

Z

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JKNAPH+\\$+L\$!N0P=NP\$0=\$=M\I0=f\$

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] -: -?C?\$. &#>*)C!R, /!2%' 85)&!

!' *@&\$=C&)-: E\$N&#>*)C!eR!2%' 85)&!

\#bC-&#>\$=C&)-: E\$N' C&#)C! JH!, -S<, R-<, Rd<, , -</RR</R, </Rc</RT<k-d<k-S<kR-<kR, <kRT<(38! kRd:!

\#0@*#>\$\#bC-&#?# : *)C!01' !4#**#@53+!(%' !%' N\$5%' 8!(&!6(%)!#4!#%53!(885)5#3!)#)1' !W' 3' %(*!G8\$2()5#3!

"#%' C!^KLIR-R<_ ;QIR-TjRRt<_ ;QIR-djRRd<_ ;Q!, Re<_ ;Q!, , -<_ ;Q!kR-!'"UG!R-ejR-S!0UG!, R-!] D0!R--p<

] DO!, -d:!

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; D! G#Z_#\$03#&%#50/-%7#&3#01+/-/. 8#0#60""/. 8#1('%#(. #1(,,%8%15/7%#6,01%\$%. *%#J0\$#. #50*+%\$0*/1"9# U2/7%,/. %"#)('*'0. ")%'#**27%. **"#0'%#0-0/,0&,%#)' (\$#+%#! 7\$/""/ (. "#V))1%0#

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N+M\IP\$; PIN\0%!0+=I\$

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I JHIRR-! :c!2%' 85)&!

;3)%#8\$2)5#3!)#!GP6' %5' 3)5(*!I \$%&53+!K25' 32' !;!

E' (%353+!&)?** &! (%' !(&&' &&' 8!53!#%8' %!)#14(255)() !&\$22' &&!53!3\$%&53+!&25' 32' :!E' (%353+!)##*&)#!8' 7' *#6!

15+1' %!*' 7' *)153B53+!&B5**&! (%' !(66*5' 8:!' #+35)57' <(*<' 9#)5#3(*!(38!&65%5)\$(*!&\$66#%)!&?&)' 9&!(%' !

' P6*#%' 8:!W%(8' 8!(&!6(&&j4(5*:!Q44' %' 8C!A(**!

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I JHIRRR! :c!2%' 85)&!

;3)%#8\$2)5#3!)#!GP6' %5' 3)5(*!I \$%&53+!K25' 32' !;:!

;34##9()5#3!5)'%(2?!&B5**&!(!'!8'7' *#6' 8!)1%#\$+1!)1'!' P6*#%()5#3!#4!)#652&!%'*(')8!)#13\$%&53+!15&)#%?< 2#32' 6)&!(38!)1' #%')' (*)12(%'!8' *57' %?!&?&)' 9&#(38!6%#4' &&5#3(*!%#** &!KB5**&!6%#758'!(14#\$38()5#3! 4#%&(4' !2*5352(*!3\$%&53+!6%(2)52'!(38!6(%5256()5#3!53!3\$%&53+!&21#*(%&156!1015&!2#\$%&'!9' ')&!)1' !M%5)53+! G31(32' 8!%' N\$5%' 9' 3):!^%' %' N\$5&5)' &C!3\$%&53+!9(>#%!' *5+5=*' !4#%=#9#%' !' 7' !3\$%&53+!2#\$%&' &!#%& 6' %95&&5#3:!' #.%' N\$5&5)' C! JH!, -S!#%&8' 6(%9' 3)!6' %95&&5#3:Q44' %' 8C!A(**!

!

I JH!, Rd! /!2%' 85)&!!

^1(%9(2#*#+?!(38!)1' !! \$%&53+!^%#2' &&!

01' !2#\$%&' !@5**!6%#758' !(3!#7' %75' @!#4!)1' !=(&5&!#4!61(%9(2#*#+52!)1' %(6?!4#%&)' ()9' 3)!#4!(!@58' ! 7(%5')?!#4!1' (*)1!2#385)5#3&:!] (>#%&8%\$+!2*(&&' &!(38!6%53256** &!#4!61(%9(2#8?3(952&!(!'!(88%' &&' 8< @5)153!(!1#*5&)52<3\$%&53+!6%#2' &&4%(9' @#%B:!! \$%&53+!' &6#3&5=5*5)' &!4#%&9' 852()5#3!(89535&)%()5#3!(38! 9' 852()5#3!&(4')?!(%' !85&2\$&&' 8<@5)1!(3! 961(&5&!#3!2*5' 3)!(38!4(95*?!' 8\$2()5#3:!' #96* 9' 3)(%?!)1' %(65' &!(%' !53)%#8\$2' 8:!'^%' %' N\$5&5)' C! JH!, -S!(38!, R-:!' #.%' N\$5&5)' C! JH!, , -:Q44' %' 8C!K6%53+!

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I JH!, , -! c!2%' 85)&!

I \$%&53+!53!U' (*)1!(38!;*3' &&!;C!D8\$*)!] ' 852(*.K\$%+52(*!''*5' 3)&!

015&!2#\$%&' !53)%#8\$2' &!)1' !&)\$8' 3)!#16%#4' &&5#3(*!3\$%&53+!6%(2)52' :!K)\$8' 3)&!1(7' !)'!#66#%)\$35)?!)3.9] TJETQq0.2400

I JH!/Rc! S!2%' 85)&!
I \$%%53+!53!U' (*)1!(38!; **3' &&!; ;!_5%)1!(38!" 15*81##8!)#!D8\$*)1##8!
015&!2#\$%&' !4#2\$&' &!#3!3\$%&53+!6%(2)52' !4#%!2#99#3!1' (*)1!2#32' %3&!#4!(8\$*)&!(38!215*8=' (%53+!4(95*5' &:!
W%#@)1!(38!8' 7' *#69' 3)!6%53256** &!1%# \$+1#\$!)!1' !*54' &6(3!(% !' 961 (&50' 8!(&!1' ?!%' ^(')!)#!' 758' 32' .
=(&' 8!1' (*)12(%' :!
;3)' %9' 85()!' !** 7' *!3\$%&53+!&B5**&!(%' !6%(2)52' 8!53!(!7(%5')?!#4!(2\$)' !2(%' !(38!2#99\$35)?!&'))53+&:!K5P!
2*(&&##9!1#\$%&!(38!R, e!2*5352(*!6%(2)52' !1#\$%&:!^%' % N\$5&5)' &C!^KL!R-R\!_;Q!R-TjRR!R-djRRd<, , -!'" UG!
R-ejR-S!#%!" UG!R-kjRR-!| JH!, Rd<, , -!'" #

532*\$853+!+%5' 4!(38!#&&46(**5()57' !2(%' <(38!8')1!(38!8?53+:!01%' ' !2*(&&%##9!1#%\$&! (38!R-d!2*5352(*!
6%(2)52' !1#%\$&!^%' % N\$5&5)' &C! JH!/RR<! JH!/Rc<! JH!/RT<_!Q!kR-:!Q44' %' 8C!A(**!
!

I JH!kR, ! c!2%' 85)&!

I \$%&53+!#4!)1' !A(95*?!(38!)1' !"#99\$35)?!

015&!2#\$%&' !4#2\$&' &!#3!)1' !&?3)1' &5&!#4!6\$=*52!1' (*)1!6%#9#)5#3!(38!9(53)' 3(32' !6%53256** &!@5)153!)1' !
3\$%&53+!4%(9' @#%B!(38!)1' !%#** !#4!)1' !6%#4' &&5#3(*!3\$%&' !53!7(%5#%&!2#99\$35)?!&')53+&!A(95*?!&?&)' 9&!
(% !' P6*##' 8:!K)\$8' 3)&!8' 9#3&)%(!)1' !(66*52()5#3!#4!2#99\$35)?!1' (*)1!2#32' 6)&!@5)1!53)' +%()5#3!#4!
@' **3' &&! (38!1' (*)1!6%#9#)5#3!6%#+(9&!4%#5385758\$(*&4(955' &! (38!2#99\$35)?!+%#%\$6&:!01%' ' !
2*(&&%##9!1#%\$&! (38!' 5+1)? .4#\$%&\$6' %75&' 8!2*5352(*!6%(2)52' !1#%\$&!^%' % N\$5&5)' &C! JH!/RR<! JH!/R, <
I JH!/Rc<! JH!/RT:!Q44' %' 8C!K6%53+!
!

I JH!kRT! e!2%' 85)&!!

I \$%&53+!H#** !K?3)1' &5&!^(2)52\$9!

D&!(!2(6&)#3' !2#\$%&' <)1' !4#2\$&!5&!#3!596** 9' 3)53+!)1' !2##%853()5#3!%##** !#4!)1' !6%#4' &&5#3(*!3\$%&' !@5)1!
+%#%\$6&!#4!25' 3)&! (38!2(%' +57' %&!)#!6(%5256() !53!9(3(+ ' 9' 3)!(2)575)5' &!01' #5&' &!#4!" (8' %&156!(38!
9(3(+ ' 9' 3)!(38!% ' *)' 8!%' &' (%2!!(% !58' 3)545' 8!(38!(66*5' 8)!#!6%#4' &&5#3(*!3\$%&53+!@5)153!(!7(%5')?!#4!
1' (*)12(%' !&?&)' 9&!A#2\$&!5&!#3!%' 453' 9' 3)!#4!2%5)52(*!)153B53+!&B5**&!596#%)(3)!#)1' !' 3)%?.' *' 7' *!%#** !#4!
)1' !6%#4' &&5#3(*!3\$%&' :!RS-!)#)(*!2*5352(*!1#%\$&jK59\$*)5#3j%' *())' 8!2*5352(*!(2)575)5' &:!^%' % N\$5&5)' &C! JH!
k-d<!kR-<kR, :!' #. %' N\$5&5)' &C! JH!k-S<! JH!kRd:!Q44' %' 8C!K6%53+!
!

I JH!kRd! /!2%' 85)&!

B3#@* 8+ '!(38!&B5*&!#=)(53' 8!53!/-!*' 7' *!2#\$%&' &:!K)\$8' 3)&!)?652(**?!6*(3!)#!)(B' !)'1' !)'@#!2*5352(*!

I JH!k-!/ e!2%' 85)&!

U' (*)1!H' &#%()5#3!53!)1' !D+53+!^#6\$*()5#3!

01' !3\$%&53+16%#2' &&!5&!)\$)5*50' 8!)#!' P6*#%' !)1' #5' &!#4!1' (*)1!6%#9#)5#3!(38!%' &#%()5#3!53!)1' !(+53+!
6#6\$*()5#3!@5)1!2!%#352!5**3' &&:!F(%5#\$&!2\$*)\$*(! (38!2#96** 9' 3)(%?!9#8(5)5' &!\$&' 8!53!1' (*)1!
%' &#%()5#3!(%' !53)%#8\$2' 8!@5)1!(!4#2\$&!#3!4(95*?!&\$66#%)!(38!2#99\$35)?!%' &#%2' &:!H' &' (%2!&)\$85' &!
(%' !%' 75' @' 8!)1()!%' * () !)#!3\$%&53+!2(%' !#4!(+53+16()5' 3)&!53!)1' !2#99\$35)?!(38!1#&65)(*!&'))53+!:
^%#758' 8!5&!(3!#7' %75' @!#4!1#*5&)52!2(%' !4%#5385758\$(*!(38!4(95*?!9' 9=' %&!1()!(&&\$%' &!N\$(5)?!' 38.#4.
54' !2(%' :!015&!2#\$%&' !532\$8' &!(!2*5352(*!2#96#3' 3)!(38!5&!595)' 8!)#16%#4' &&5#3(*!HI &:!

!

I JH!k-c! e!2%' 85)&!

U' (*)1!^%#9#)5#3!53!A(95*5' &!(38!'' #99\$35)5' &!

K21#*(&)52!D&&' &&9' 3)!0' &!hKD0i!#4!)1' !"#**' +'!_#(%8!#%!(!&2#% !#4! , !#3!)1' !D9' %52(3!
"#**' +' !0' &)53+!hD"0i!' P(953()5#3:!

Z Q=&' %7()5#3!#4!#22\$6()5#3(*!)1' %(6?!)53!(!6%(2)52' !&'))53+!5!%' 2#99' 38' 8<=\$)!3#)!% N\$5%' 8:!

!

] -: -?C?\$. &-*#&-@\$,' &\$*&@:),#&\$)*C>#: *)0\$

Z A\$%35&1!)(3&2%56)!#4!2#**' +' !@#%B!6%' 75#\$&*?!)(B' 3:!D3!#44525(*!)(3&2%56)!#4!(**!6%' 75#\$&!@#%B!
5&!%' N\$5%' 8!@1')1' %!(!&)\$8' 3)!@ (3)!#)!%(3&4' %!2%' 85)&!#%!3#):!'%' 85)!9 (?!= ' !+57' 3!4#%!
)%(3&4' %!2#\$%&' &!53!@1521!)1' !(66*52(3)!1 (&' (%3' 8!(!X"Y!#%!15+1' %!

Z

K>(@: .#?#: *\$' \$*" #E&@>C@*#\$9"@)#0\$
D*7' %35(!J357' %&5)?!&)\$8' 3)&!53!)1' !457'

!

^%5#%#)#145' *8@#%B! P6' %5' 32' <1&)\$8' 3)&!(% '!' N\$5%' 8!)#1&\$=95!)#!)1' !\$357' %&5)?<(38!)#145' *8@#%B!2' 3)' %&!
h(&!(66*52(=* ic!

Z ^%##4!#4!#@3' %&156!#4!1' (*)1j (2258' 3)!53&\$%(32' !2#7' %(+ ' !
Z A(2' .)#.4(2' !2' %)5452()5#3!53!" (%85(2!^\$*9#3(?!H' &\$&25)()5#3!h" ^Hi!(38!A5%&!)D58!
Z "%5953(*!' 2##%8!21' 2B!hD" O!RcRi!(38!
Z ^' 33&?7(35(!" 15*8!D=\$&' !U5&)%#?!2*" (%(32' !4##%9&!hD" O!/ki!
Z] (38()##%?!H' 6#%)' %!0%(5353+!hD" O!R, ei!
Z A_!2*" (%(32' :!

;3!(885)5#3<2*5352(*!&5)' &!9(?!%' N\$' &)!</p></div>

Z 9' 852(*12** (%(32' &<
Z 599\$350()5#3!%' 2##%8&<
Z (38j#%!)1' !%' &\$*)&!#4!8%\$+!)' &)&:!

!

K)\$8' 3)&!@1#!(%' !\$3(=* !)#!9' ')!)1' &' !%' N\$5%' 9' 3)&!2(33#)!6%#+%& &!53!)1' !#22\$6()5#3(*!)1' %(6?!
6%#+% (9:!

;)!5&!%' 2#99' 38' 8!)1()!&)\$8' 3)&!9(?!(B' !3#!9#%' !)1(3!)1%' '!(885)5#3(*!2%' 85)&!@15*' !' 3%#**' 8!53!QO!
kd,!(38j#%!QO!kd/!(38!9\$&!)1(7' !(66%#7(*!#4!)1' !6%#+(9!85%' 2)#%!54!)1' ?!@5&1!)#!8#!&#;!K)\$8' 3)!
+%5' 7(32' !6#*525' &!(%' !532*\$8' 8!53!)1' !<. 7%' 8' 0720*%#0. 7#U' 0720*%#@*27%. *#=#. 7&(W:!

D**!+(8\$()' !2#%\$&' !@#%B!9\$&)!= ' !2#96** ') 8!@5)153!, k!9#3)1&!#4!&)(%)53+!)1' !+(8\$()' !61 (&' !#4!)1' !
#22\$6()5#3(*!)1' %(6?!6%#+% (9:!

K)\$8' 3)&!53!+##8!&)(3853+!@1#!** (7' !)1' !#22\$6()5#3(*!)1' %(6?!6%#+(9!9(?!%' !' 3%#**!(38!@5**!= ' !
2#3&58' %' 8!4#%!' .53&())' 9' 3)!54!&6(2' !5&!(7(5' (= ' !H' N\$5%' 9' 3)&!4#%!' (895&&5#3!)#!D*7' %35(!J357' %&5)?!
9\$&)!= ' !9')!(38!&)\$8' 3)&!9\$&!)2#96*?!@5)1!(3?!21(3+ ' &!)#!)1' !6%#+% (9:!

] @X' &C!dR!2%' 85)&!
QO!R-R</, R</, /</, c</, T<///, <///k<///e</dR</d, <k, R<k, /<k, T<kdR<kd, <kd/<cR/<cRT<cRd<c, , <
c, e<e-c<e-T<e, -<e, k:!D**!/--.k--!*' 7' *!QO!2#\$%&' &!9\$&!)1(7' !(1453(*!+% (8' !#4!X" Y!#%!15+1' %:!D**!c--.
e--!*' 7' *!2#\$%&' &!9\$&!)1(7' !(1453(*!+% (8' !#4!X_Y!#%!15+1' %:!

!!

\#8@*#>\$K&#@C!//!2% 85)&!
^KL!R-R<, -d<, c-!KQ" !RRR!_;Q!R-TjRRT<R-djRRd<, -d<, ZR!] DO!, -d!z

Q0!/dR!! R!2%' 85)!!

A5' *8@#%B!;!K' 953(%;!:

K)\$8' 3)&!@5**!(66*?!B3#@*' 8+' !+(53' 8!53!2#32\$%%' 3)!Q0!2#\$%&' &!)#!6%(2)52' !&')53+&:!M5)1!&\$6' %75&5#3< &)\$8' 3)&!@5**!= ' !6%#758' 8!)1' !#66#%(\$35)?!)#!#=#&' %7' !(38!2(%%?!#)\$!6%#4' &&5#3(*!%' &6#3&5=5'5)5' &:!
K)\$8' 3)&!@5**!= ' !+\$58' 8!53!)1' !6%#2' &&!#4!8' 7' *#653+!)1' !%' 4** 2)57' !&B5**&!3' ' 8' 8!4#%#6%#4' &&5#3(*!
8' 7' *#69' 3):!K)\$8' 3)&!2(3!' P6' 2)!#1&6' 38!(**!#%#6(%)!#4!#3' !8(?!6' %!@' ' B!()!(!2*5352(*!&5)' !8\$%53+!)1' !
8\$%()5#3!#4!)1' !2#\$%&' :!Q0!9(>#%&!#3*?:!^%' %' N\$5&5)' &C!4#%9(*!(22' 6)(32' !53)#!)1' !Q0!^%#+% (9!#%!
^' %95&&5#3!#4!)1' !^%#+% (9!V5%' 2)#%:!0#!53&\$%' !)1' !&(4')?!#4!)1' !@#%B!' 375%#39' 3)<45' *8@#%B!&5)' &!
%' N\$5%' !' P)' 3&57' !8#2\$9' 3)()5#3!#4!2* ((32' &!532*\$853+!=\$)!)3#)!*595)' 8!)#!= (2B+%#\$38!21' 2B&<1' (*)1!
(38!599\$350()5#3!&)\$&<18%\$+!&2%' ' 3&<(38!@#%B6*(2' !)% (5353+&!h" ^H<U;^DD<')2i:!K)\$8' 3)&!@5**!3#)!=' !

Q0!k, /!! k!2%' 85)&!!

Q22\$6()5#3(*!^' %A#%9(32' !;FC!W' %5()%)2!

015&!2#\$%&' !@5**!6%#758' !&)\$8' 3)&!@5)1!)1' !B3#@** 8+' <l&B5**&<!(38!6%#4' &&5#3(*!= ' 1(75#%&!)#!596** 9' 3)!

#22\$6()5#3.=(&' 8!6%(2)52' !53!2\$%3)!(38!' 9' %+53+!(%' (&!#4!&' %752' !8' *57' %?!53!)1' !(%' (!#4!+' %5()%)2!

#22\$6()5#3(*!)1' %(6?:!_ ' &!6%(2)52' !@5**!= ' !' 961 (&50' 8!)1%#\$+1!2%)52(*!)153B53+!&B5**&! (38!)1' !\$&' !#4!

&25' 3)5452!53N\$5%?(38!%' &' (%21:!0' 2135N\$' &<l&)%()' +5' &! (38!6%(2)52(*!&B5**&!4#%!)1' !6%#9#)5#3!#4!1' (*)1!(38!

6(%)5256()5#3!\$)5*5053+!' 3+(+' 9' 3)!53!#22\$6()5#3&!1()!(%' !9' (353+4\$*!)#l2*5' 3)&!@5**!= ' !%' 534#%2' 8!8\$%53+!

&)\$8' 3)!(38!9(?!* (8!)#!(+%(8' !#4!XAY!53!)1' !2#\$\$& :!H' 4' %!)#!)1' !D*7' %35(!J357' %&5)?!Q0!K)\$8' 3)!
U(38=##B!4#%4\$**!AM!;!% N\$5% 9' 3)&!K)\$8' 3)&!(!% !% &6#3&5=* !4#%9(53)(5353+!2\$%3)1'1' (*)1!53&\$%(32' <
)%(7' *!(%3+ 9' 3)&!(38!2#&)&!8\$%53+!45' *8@#%B!:' '#.% N\$5&5)' !Q0!K, R!(38!Q0!K, /<#%46' %9&5&5#3!#4!)1' !
Q0!^%#%+(9!V5% 2)#%:!Q44' %' 8C!A(**!
!

Q0!kd,!! e!2%' 85)&!

Q22\$6()5#3(*!01' %(6?!A5' *8@#%BC!^%(2)52\$9!;!

015&!5&!)1' !45%&!53!(!& N\$' 32' !#4!)@#!4\$**.)59' !h(66%#P59())' *?!/ ,.k-!1#\$\$&!6' %!@' ' B!8' 6' 3853+!#3!)1' !
&5)' i<R, .@' ' B!#%!)1' !' N\$57(** 3)<' 8\$2()5#3(*! P6' %' 32' &!())!(3!(66%#7' 8!45' *8@#%B!&5)' !#44.2(96\$&:!)!
532*\$8' &!R, !& 953(%&!#3!2(96\$&:!J38' %!)1' !&\$6' %75&5#3!#4!(!N\$(545' 8!6%(2)5)5#3' %<)1' !&)\$8' 3)!
53)' +%())&!\$38' %+(8\$())!(2(8' 952!2#\$\$&' !@#%B!=?!4#2\$&53+!#3!)1' !(66*52()5#3!#4!6\$%6#&' 4\$*(38!
9' (353+4\$#!22\$6()5#3!53!)1' !(89535&%)5#3!(38!9(3(+ 9' 3)!#4!#22\$6()5#3(*!)1' %(6?!&' %752' &!01' !
45' *8@#%B! P6' %' 32' !6%#9#)' &!2*5352(*!% (š+!(38!% 4* 2)57' !6%(2)52' \!(38!8' 7' *6&!6%#4' &&5#3(*5&9<
2#96')' 32' <(38!2#96(&&5#3!(&!2(%' ' %!%& &6#3&5=55)' &!015&!53.8' 6)1' P6' %' 32' !53!8' *57' %?!#4!
#22\$6()5#3(*!)1' %(6?!53)' %7' 3)5#3&!5&! (3! &&' 3)5(*!4#\$38()5#3!4#%+%(8\$())!&)\$85' &!D!)1' !2#96**)5#3!#4!
)15&!45' *8@#%B!&)\$8' 3)&!@5**!8' 9#3&%)() !&5+35452(3)!6%#%+& &&!#@(%8!2#96')' 32?!4#%!)3)?.* 7' *!
6%(2)52' :!Q0!9(>#%&!#3?*:!^% ' N\$5&5)' &C!D**!\$38' %+(8\$())!Q0!2#\$%&' &!(38!(**!#)1' %!% *()) 8!%' N\$5% 8!
2#\$\$&' &!@5)1!(!|'' |!#%='))' %!2#96**)5#3!#4!(**!\$38' %+(8\$())!6%#%+(9!%' N\$5% 9' 3)!532*\$853+!
&())5&4(2)#%?!2#96**)5#3!#4!(**! 7' *!;!45' *8@#%B! (66%#7(*!#4!(2(8' 952!45' *8@#%B!2##%853()#%<)1' !&5)' !
2*5352(*!45' *8@#%B! 8\$2()#%<(38j#%!)1' !^%#%+(9!V5% 2)#%!\0#!53&\$%!)1' !&(4')?!#4!)1' !@#%B! 375%#39' 3)<
45' *8@#%B!&5)' &!%' N\$5% !' P)' 3&57' !8#2\$9' 3)()5#3!#4!2** (%(32' &!532*\$853+!=\$)!3#)!*95)' 8!)#!= (2B+%#38!
21' 2B&<1' (*)1!(38!599\$350()5#3!&())\$&<8%\$+!&2%' ' 3&<(38!@#%B6*(2' !)%5353+&!h'^H<U;^DD<')2:i:!
K)\$8' 3)&!9\$&!9' ')!(**!&5)' .&6' 25452!%' N\$5% 9' 3)&!= 4#% !())' 3853+!)1' 5%&21' 8\$* 8!45' *8@#%B!
6*(2' 9' 3):!01' !&)\$8' 3)!5&!% &6#3&5=* !4#%9(53)(5353+!2\$%3)1'1' (*)1!53&\$%(32' <)%7' *<(38!
(22#99#8()5#3! P6' 3&' &!^** (&' !% 4' %!)#!)1' !D*7' %35(!Q0!K)\$8' 3)!U(38=##B!4#%4\$**!AM!;!^%(2)52\$9!
' N\$5% 9' 3)&!015&!2#\$\$&' !5&!+%(8' 8!6(&&j4(5':!Q44' %' 8C!K6%53+!
!

Q0!kd/!! e!2%' 85)&!

Q22\$6()5#3(*!01' %(6?!A5' *8@#%BC!^%(2)52\$9!;:!

015&!5&!)1' !&' 2#38!53!(!& N\$' 32' !#4!)@#!4\$**.)59' !h(66%#P59())' *?!/ ,.k-!1#\$\$&!6' %!@' ' B!8' 6' 3853+!#3!)1' !
&5)' i<R, .@' ' B!#%!)1' !' N\$57(** 3)<' 8\$2()5#3(*! P6' %' 32' &!())!(3!(66%#7' 8!45' *8@#%B!&5)' !#44

(22#99#8()5#3! P6' 3&' &!^** (&' !% 4' %!)#!)1' !D*7' %35(!J357' %&5)?!Q0!K)\$8' 3)!U(38=#B!4#%4\$**!AM!;;!
^(2)52\$9!% N\$5% 9' 3)&!015&!2#\$%&' !5&!+(8' 8!^ (&jA(5*:!Q44' %' 8C!K6%53+!

!

Q0!kdc!! R./!2%' 85)&!!

A5' *8@#%B!^%#+% &&5#3!K' 953(%

015&!2#\$%&' !5&!5385758\$ (**?18' &5+3' 8!)#!#44' %!&6' 25452!&\$66#%)(38!6%#+% &&5#3!@#%B!4#%!)1' !&)\$8' 3)!@1#!
' P6' %5' 32' 8!(3!\$3&\$22' &&4\$*!45%&!)#%&' 2#38!E' 7' *!;;!A5' *8@#%B:!015&!2#\$%&' !@5**!4#2\$&!#3!(&&5&)53+!)1' !
&)\$8' 3)!#!(2N\$5%!(38!6%(2)52' !)1' !B3#@*' 8+' <!&B5**&<())5)\$8' &<(38!= ' 1(75#%&!2#3&58' %' 8!3' 2' &&(%?!4#%!
(!&\$22' &&4\$*!4\$**.)59' !#22\$6()5#3(*!)1' %(6?!2*5352(*!6*(2' 9' 3):!015&!2#\$%&' !9\$&!)=' !2#96**)' 8!(4)' %!(3!
\$3&\$22' &&4\$*!E' 7' *!;;!A5' *8@#%B:!^% % N\$5&5)' C!\$3&\$22' &&4\$*!E' 7' *!;;!A5' *8@#%B!hQ0!kd, !#%kd/i:!

!

Q0!cR/!! /!2%' 85)&!!

D87#2(2?!(38!^\$=*52!^#*52?!

015&!2#\$%&' !4#2\$&' &!#3!)1' !58' 3)5452()5#3!(38!(3(*?&&5!#4!)1#&' !4(2)#%&!534*\$' 3253+!21(3+' !@5)153!
#22\$6()5#3(*!)1' %(6?!(38!)1' !6%#9#)5#3!(38!8' 7' *#69' 3)!*' (8' %&!@5)153!)1' !6%#4' &&5#3:!GP(953' &!1' !

Q0!eRR!! /!2%' 85)&!
;3)' %.^%#4' &&5#3(*' #'** (=##%)5#3!
015&!2#\$%&' !5&!8' &5+3' 8!)#!6%#758' !(14#\$38()5#3!4#%l53)' % .6%#4' &&5#3(*!2#** (=##%)57' !&' %752' &:!K)\$8' 3)&!53!
)1' !1' (*)1!6%#4' &&5#3&!@5**!53)' 3)5#3(**?!2#** (=##%)' !75(153)' % .6%#4' &&5#3(*!' (%353+!(2)575)5' &!)#!(215' 7' !
)1' !2#99#3!+# (*!#4!(!&(4' %l(38!= '))' %l6()5' 3)j2*5' 3).2' 3)' %' 8!(38!2#99\$35)?j6#6\$*()5#3!#%5' 3)' 8!
1' (*)12(%' !&?&)' 9:;!;3)' % .6%#4' &&5#3(*!' 8\$2()5#3!@5**!' P6*##%' !)1' !#%5+53&<46%(2)52' &<(38!')152(*!&)(38(%8&!
#4!)1' !6(%5256()53+!1' (*)12(%' !6%#4' &&5#3&:;!&&\$' &!4#%l2\$*)\$%(**?!%' &6#3&57' !1' (*)12(%' !@5**!' !' P6*##%' 8!
(38!53)' % .6%#4' &&5#3(*!' (8' %&156!&)%()' +5' &!@5**!' !'\$&' 8!)#!(88%' &&16%#=#' 9&!#4!1' (*)12(%' !53' N\$(*5)?!
(38!53->\$&)52' :!^%' %' N\$5&5)' C!Q0!kd, !#%lQ0!cdT:!
!
Q0!e, -!!

** (8' %&156<1(*!>\$&)52' <2575*185&2#\$\$&' <(38!2#34*52)!% &#*\$)5#3:!V5&2\$&&5#3!#4!)1' !7(%5#\$&!%#** &!#4!25752<3#36%#45)<+ #7' %39' 3)(*!(38!4#%.6%#45)!#%+ (350()5#3&!53!2#3)%5=\$)53+!)#!)1' !6\$=*52!+##8:!

!

^U;!,-d!! /!2%' 85)&!!

G)152&(38!0' 213#*#+?!

015&!2#\$%&' !85&2\$&&' &!')152(*!5&&\$' &!#4!)' 213#*#+?&6' 25452(**?!9#8' %3!)' 213#*#+5' &:!GP(96** &!4%#9!

9#8' %3!)' 213#*#+5' &<4532*\$853+!=\$)!3#)!*595)' 8!)#!2#96\$)' %534#%9()5#3!)' 213#*#+?&' ** 2)%#352!

)' 213#*#+?&(38!=5#+' 3')52!)' 213#*#+?!@5**!= ' !53)%#8\$2' 8!(38!85&2\$&&' 8!4%#9!)1' !6' %&6' 2)57' !#4!9 (>#%&

)1' #5' &!#4!')152&!hJ)5*5)(%5(35&9<v(3)5(3!V' #3)#*#+?&! ()\$%(*!E(@!G)152&<K#25(*!'' #3)%2)!01' #%?&!(38!

F5%)\$' !G)152&i:!(^ (%52\$*(%&(66%#(21' &!9(?!532*\$8' !(*j2%5)52(*!' 4* 2)5#3!#3!)1' !8' 7' *#69' 3)!(38!

2#3&' N\$' 32' &!#4!)' 213#*#+?&(3(*?&5&!#4!1#@!+' 38' %&!%(2' #. ' 2#3#952!#%&+' #+% (6152!4(2)#%&!596(2)!

^U;! /c!! /!2%' 85)&!!

GP5&)' 3)5(*5&9!

GP6*#%()5#3!#4!)1'!)1%'()!#4!3515*5&9!(38!)1'!())'96!)#!4538!#%2%'()!'9'(353+!53!2#3)'96#%(%?'54' :!
0#652&!532*\$8'!2'3)%(*!'P5&)'3)5(*5&!)1'9'&!&\$21!(=&\$%85)?<(*'5'3()5#3<(3P5')?<!'&6#3&5=5'5)?<
4%'8#9<'3+(+'9'3)<(38!(\$)'3)525)?!015&!2#%\$&'!2#3&58'%&!=#)1!"1%&)5(3!(38!&'2\$*(%!(66%#(21'&!)#!
'P5&)'3)5(*5&9;!^%'%'N\$5&5)'C!^U;!R-c:!

!

^U;! k-!! /!2%' 85)&!!

^15*#=?!#4!D%!(38!_('\$)?!

;37'&)5+()5#3!#4!)1'!3()\$%!(38!4\$32)5#3!#4!(%)<(&!@'*(!&!)1'!2#+35)57'!(38!9#%(*!596#%)!#4!)1'!
'P6'%5'32'!=#)1!#4!3()\$%(*!(38!(%)5&)52!='\$(\$)?!H'(853+&!53!(325'3)!615*#=?<53!)1'!)%(85)5#3!#4!
('&!)1')52&453!61'3#9'3#*#+?!(38!53!(3(*?)52!(38!6#&).9#8'%3!)1#\$+1)!!(%)5&)52!@#%B&!(38!)1'!@%5)53+&!
#4!(%)5&)&!)1'9&'*7'&!@5**>(*&#!='!2#3&58'%8:!'^%'%'N\$5&5)'C!^U;!R-c:!

!

^U;! kc!! /!2%' 85)&!!

^U;!kk-!! /!2%' 85)&!!
W%' Q!0153B' %&!

01' !4#**#@53+!6%' .%' N\$5&5)' !2#\$%&' &!9\$&)!= ' !2#96*')' 8!@5)1!(!453(*!+%(' !#4!X''Y!#%!= '))' %&!
!!

- Z U\$9(3!D3()#9?!(38!^1?&5#*#+?!;(38!;;!.!k!2%' 85)&! (21!@5)1!*(!
- Z _5#*#+?!z!/.k!2%' 85)&!
- Z "1' 95&)%?!;(38!;;!.!k!2%' 85)&! (21!@5)1!*(!
- Z ^1?&52&!(38!;;!.!k!2%' 85)&! (21!@5)1!*(!
- Z K#25(*!K25' 32' &!z!e.S!2%' 85)&!h6&?21#*#+?<!#*#+?j (3)1%#6#*#+?<1\$9(35)5' &i!
- Z K()5&)52&!.!

_5#*#+?<U' (*)12(%!K25' 32' !#%&^&?21#*#+?;!);!5&!(*&#!15+1*?!% 2#99' 38' 8!)1 (!)1' !D*7' %35(!/o/!&)\$8' 3)&!
) (B' !I ' \$%#&25' 32' !h_!Q!, -di!(38!v53' &5#*#+?h_!Q!, RRi:!
!
K

z

N+M\IP\$; PIN\0%!0+=I\$

!

V^0!c--! c!2%' 85)&!!

W%#&&!D3()#9?!(38!U5&)*#*+?!

015&!2#\$\$%' !2#7' %&!1' !&)\$8?!#4!1\$9(3!(3()#952(*!&)%\$2)\$%' &!K6' 259' 3&49#8' *&4(38!758' #&! (58!(
%' +5#3(*!(66%#(21!)#!)1' !&)\$8?!#4!&)%\$2)\$%' &!01' !2#\$\$%' !2#3&5&)&!#4!=#)1!*' 2)\$%' &!(38!*(=#%()#%?!
' P6' %5' 32' &!@5)1!6%#.&' 2)5#3!(38!2(8(7' %!85&&' 2)5#3!015&!2#\$\$%' !(*&#!532*\$8' &!(!2#96%' 1' 3&57' !&)\$8?!#4!
)1' !952%#&2#652!(38!&\$=952%#&2#652!&)%\$2)\$%' !#4!9(99(*5(3!)5&&\$' &:!

!

V^0!c-,! k!2%' 85)&!!

v53' &5#*#*+?!

015&!2#\$\$%' !5&!(3!53.8' 6)1!&)\$8?!#4!)1' !53)' %2)5#3!=')@' ' 3!)1' !9\$&2\$*(%!(38!&B' **)(*!&?&' 9&!)#!
6%#8\$2' !1\$9(3!9#7' 9' 3):!01' !&)\$8' 3)!% 75' @&!1' !3()#9?!(38!61?&5#*#*+?!#4!)1' !9\$&2\$*(%&?&' 9!
(38!*' (%3&!1' !9' 21(352(*!534*\$' 32' !5)!1(&!#3!)1' !&B' **)(*!&?&' 9&!)#!6%#8\$2' !>#53!9#7' 9' 3):!D!&)\$8?!
#4!6#&)\$%' !(38!+(5)!(38!4\$32)5#3(*!(2)575)?!5&!(*&#!532*\$8' 8!(&!@' **!(&!3!(3(*?&5&!#4!1\$9(3!6#&)\$%' !(38!
9#7' 9' 3)!53!3#%9(*!(38!(=3#%9(*!&)()&!01' !2#\$\$%' !532*\$8' &!6(*6()5#3!#4!(3()#952(*!&)%\$2)\$%' &!(38!
&)\$8?!#4!)1' !6%3256** &!#4!=5#9' 21(352&!532*\$853+!(%)1%#B53' 9(52&4#&)' #B53' 9(52&4(38!B53')52&:!

!!

V^0!c- /! c!2%' 85)&!!

^1?&5#*#*+?!4#%&!^1?&52(*!01' %(6?!

015&!2#\$\$%' !2#7' %&!1' !&)\$8?!#4!=(&52!1\$9(3!61?&5#*#*+?!(88%' &&53+!3#%9(*!4\$32)5#3!(38!21(%(2)' %5&)52&!
#4!)1' !9(>#%&=#8?!&?&)' 9&4@5)1!6%#9(%!4#2\$&!#3!)1' !3' %7#\$\$&49\$&2\$*#&B' **)(*42(%85#7(&2\$*(%4(38!
' &65%()#%?!&?&)' 9&:!Q)1' %&?&)' 9&!@5**!= ' !2#7' %' 8! 5)1' %!1%# \$+1!53)' +%(5#3!@5)153!)1' !1%' !9(>#%&
&?&)' 9&:!0#652&!532*\$8' 4=\$)!(%' !3#)!*595)' 8!#4!)1' !61?&5#*#*+?!#4!) P25)(=* !5&&\$' &4%' 4' P' &49\$&2** !
2#3%)(2)5#341' 9#8?3(952&4952%#!(38!9(2%#!25%2\$*)5#341' &65%()#%?!9' 21(352&4)1' !2(%85(2!2?2* 4=#3' !
' 9#8' *534(38!)1' !(\$)#3#952!3' %7#\$\$&!&?&)' 9:!015&!4#38()5#3(*!&25' 32' !2#\$\$%' !&' %7' &!(&!6%' 6(%()#%?!
2#3)' 3)14#%&!1' !&)\$8?!#4!6()1#61?&5#*#*+?4)1' !53)%#8\$2)5#3!)#11' (*)!12#385)5#3&4(38!53)' +%(5#3!@5)153!
)1' !6%(2)52' !6())' %3!2#\$\$%' &:!

!

V^0!c-k! /!2%' 85)&!!

^(2)52' !] (3(+ ' 9' 3)!:!

V^0!c-k!5&!1' !45&!)#4!)1%' !^%(2)52' !] (3(+ ' 9' 3)!2#\$\$%' &!1()!(88%' &&!)#652&!@5)153!3#3.2*5352(*!
61?&52(*!)1' %(6?!)6%(2)52' !)1)!&6(3&!(**!2*5352(*j3#3.2*5352(*!&'))53+&!(38!2#3)53\$9!#4!2(%' !:0#652&!
532*\$8' !')152(*4' +(*4(38!6#4' &&5#3(*!(&6' 2)!&!4!61?&52(*!)1' %(6?!)6%(2)52' !:01' !6\$%6#&' !#4!)15&!2#\$\$%' !5&!
)#153)%#8\$2' !&)\$8' 3)!#!)1' !6%#4' &&5#3!#4!61?&52(*!)1' %(6?!(38!)1' !%#** !#4!)1' !6%#4' &&5#3(*!53!61?&52(*!
)1' %(65&!)6%(2)52' !(&!@' **!(&!53!)#8(?b&! 7#*753+11' (*)12(%' !' 375%#39' 3):!K)\$8' 3)!@5**!*' (%3!(=#\$!)1' !
D^0D4!75&5#3!#4!D^0D4!2#% !7(*\$' &4(38!*' +(*!(38!)1' !52(*!% &6#3&5=5*5)' &!(&!1' (*)12(%' !6%#4' &&5#3(*!&!)#!
2*5' 3)&4(9*5' &42#*** (+\$' &4)1' !6%#4' &&5#34(38!)1' !2#99\$35)?!01' !2#32' 6)!#4!) 758' 32' .=(&' 8!6%(2)52' !
(38!5)&!85+35452(32' !)#!61?&52(*!)1' %(65&!)6%(2)52' !@5**!= ' !' 961(&50' 8:!A\$%)1' %4=(&52!B3#@** 8+' !(38!&B5**&!
)#1=' 2#9' !2%52(*!2#3&\$9' %&!#4!%' 1(=5*)5#3!5)' %(\$)' !@5**!= !53)%#8\$2' 8:!D!85&2\$&&5#3!%' +(853+!)1' !
53)' %!6%#4' &&5#3(*!3()\$%' !#4!2*5352(*!6%(2)52' !532*\$853+!(% ' 75' @!#4!)1' !% &6#3&5=5*5)' &!#4!) 7' %?!9' 9=' %
#4!)1' !2*5352(*!) (9!@5**!= ' !' 961(&50' 8:!015&!2#\$\$%' !@5**!(*&#!53)%#8\$2' !6()5' 3)!%+1)&4' 8\$2()5#3!(38!
2#99\$352()5#34) (2153+!(38!*' (%353+42\$*)\$%(*!2#96') 32?4(38!6%#4' &&5#3(*!8' 7' *#69' 3):!' %\$%' 3)!

5&&\$' &4&\$21!(&!61?&525(3.#@3' 8!61?&52(*!)1' %(6?!6%(2)52' &485%' 2)!(22' &&<(38!8' ** +()5#3!(38!
&\$6' %75&5#3!@5**!= ' !85&2\$&&' 8:!

!

V^0!c-c! /!2%' 85)&!!

^(2)52' !] (3(+ ' 9' 3)!;:!

V^0!c-c!5&!1' !&' 2#38!#4!)1%' ' !^(2)52' !] (3(+ ' 9' 3)!2#\$%&' &!1()!(88%' &&!)#652&!@5)153!3#3.2*5352(*!
61?&52(*!)1' %(6?!6%(2)52' !)1()!&6(3&!(*!6%(2)52' !&')53+&!(38!2#3)53\$\$\$9!#4!2(%' :!0#652&!53!)15&!2#\$%&' !@5**!
(88%' &&!61?&52(*!)1' %(6?!%#** &!53!3()5#3(*!(38!+*#=(^!1' (^)1!2(%' !532*\$853+!#%#%#** !53!)1' !' 658' 952!#4!
3#32#99\$352(=* !85&' (&' &:;!32*\$8' 8!53!)15&!2#\$%&' !5&!(3!\$38' %&)(3853+!#4!3()5#3(*!(38!+*#=(^!1' (^)1!
2(%' <1' (^)1!2(%' !2#&)<!53&\$\$(32' !(38!')152&:!' #32' 6)&!4%#9!^(2)52' !] (3(+ ' 9' 3)!;:!532*\$853+!')152(*<
** +(*<' 8\$2()5#3!(38!2#99\$352()5#3<2\$*)\$%(^!2#96')' 32?<1' (^)1!5)' %(2?<8#2\$9' 3)()5#3!(38!
6%#4' &&5#3(*!(&6' 2)&!#4!3#3.

' P(953()5#3!#4!2(%85#% &65%()#%?!&)()\$&!h75)(*!&5+3&i<6#&)\$%(*!(5+39' 3)<#53)!%(3+' !#4!9#)5#3<9#)#%& 4\$32)5#3!h&)%' 3+)1<9\$&2*' !)#3' <%' 4'' P' &i<2%(35(*!3' %7' <&' 3&#%?I53)' +%&)?<(3)1%#6#9')%&2&!h' 8' 9<(()%#61?<')2:i<(38!6(53:!! ' @*?!(2N\$5% 8!B3#@**' 8+' !(38!&B5**&!@5**!= ' !%' 534#%2' 8!)1%#\$+1!;3)' +%() ' 8! ''*5352(*!GP6' %&' 32' &h;' 'Gi:K)\$8' 3)&!@5**!= ' !6*(2' 8!53!536()5' 3)!#%&#\$)6()5' 3)!&'))53+&!(38!\$38' %&!)1' ! 85% 2)5#3!#4!(!52' 3&' 8!61?&52(*!)1' %(65&):!K)\$8' 3)&!@5**!6(%5256() ' !53!&)%\$2)\$%' 8!2*5352(*!#=#' %7()5#3!(38! &\$6' %75&' 8!(66*52()5#3!#4!)1#&' !' P(953()5#3!(38!53)' %7' 3)5#3!&B5**&j6%#2' 8\$%' &!' (%3' 8!@5)153!)1' ! 2*(&&%##9!&'))53+!D3!' 961(&5&!@5**!= ' !6*(2' 8!#3!6%#4' &&5#3(*!= ' 1(75%&!@5)1!&' *4.(&&' &&9' 3):! GP6' 2)()5#3&!4#%&6%#4' &&5#3(*!= ' 1(75%&! (38!&B5**&!6' %A#%9(32' !@5**!= ' !2#99' 3&\$%() ' !@5)1!2#%&&' ! #=>' 2)57' &:!

!

V^O!cR, ! R!2% 85)!!

""%&)52(*!;3N\$5%?!;!

V^O!cR, !5&!1' !45%&)!2#%&&' !@5)153!(!&' %&' &!#4!""%&)52(*!;3N\$5%?!2#%&&' &!1()!2\$*953() ' !53!(3!#%&+53(*!' &' (%21! 6%#>' 2)!)1!@5**!= ' !2#96**')' 8!(38!6%' &' 3)' 8!6%#%&!)#1+% (8\$()5#3!01' !6\$%6#&' !#4!)15&!2#%&&' !5&!)#! 53)%#8\$2' !&)\$8' 3)&!#!= (&52!%' &' (%21!&B5**&!4#%&!2*5352(*!' &' (%21!(38!(&!(!' N\$5&5)' !4#%&' 758' 32' .=(&' 8! 6%(2)52' :!J38' %&!)1' !+\$58(32' !#4!)1' !A(2\$*)?!H' &' (%21!D875&#%&!&)\$8' 3)&!(% ' !' 3+(+' 8!53!)1' !8' 7' *#69' 3)! #4!(!&9(**!+%#\$6!%' &' (%21!6%#>' 2)!@5)153!)1()!(875&#%&!*53' !#4!&21#*(%*?!53N\$5%?!:K)\$8' 3)&!@5**!58' 3)54?!(3! (59!#4!)1' !%' &' (%21!6%#>' 2)<(87(32' !&B5**&!53!5)' %()\$%' !&' (%21!(38!%' 75' @<2#96**')' !!)1#%#\$+1!%' 75' @! #4!)1' !5)' %()\$%' <8' 7' *#6!&B5**&!53!)1' !(&&' &&9' 3)!#4!9')1#8#*#+52!N\$(*)?<(38!8' 7' *#6!(12** (%*?!8' 453' 8! %' &' (%21!h^;' 'Qi!N\$' &!)5#3!=(&' 8!\$6#3!)1' !X+(6Y!58' 3)545' 8!53!)1' !(7(5(=*' !5)' %()\$%' :!01' &' !*' (%353+! ' P6' %&' 32' &!(% ' !8' &5+3' 8!)#! 31(32' !' (21!&)\$8' 3)b&!(=55)?!)#!2%&)52(**?!(66%(5&' !)1' !5)' %()\$%' !(38! ' 3+(+' !53!)1' !6%#2' &&!#4!8' &5+353+<2#38\$2)53+<(38!6%' &' 3)53+!2*5352(*!' &' (%21:!

!

V^O!cR/! /!2% 85)&!!

""%&)52(*!;3N\$5%?!;!

V^0!cRe! /!2%' 85)&!

] \$&2\$*#&B' **)(^!^1?&52(*!01' %(6?!^%(2)52' !:0!^1?&5#*#+?!(38!^()1#61?&5#*#+?!
015&!2#\$%&' !='+53&!@5)1!(!' 75' @!#4!3#%9(*!4\$32)5#353+161?&5#*#+52(*!&?&)' 9&!1()!(%' !9#&)!%' 7(3)!#!
)1' !6%(2)52' !#4!9\$&2\$*#&B' **)(^!61?&52(*!)1' %(6?!(&!)1' !4#\$38()5#3!4#%!(!85&2\$&&5#3!#4!6()1#61?&5#*#+?&!
01' !2#\$%&' !6%#+' &&' &!53)#!85&2\$&&5#3!%' +(%853+!&' **2)' 8!&?38%#9' &!596(2)53+!)1' !9\$&2\$*#&B' **)(^!
&?&)' 9!)1()!(3+' !(2%#&&!)1' !'54' &6(3:!' #3)' 3)!@5**!2#7' %!)1' !53258' 32' j6%' 7(**32' <')5#*#+?&2*5352(*!
&5+3&!(38!&?96)#9&<8544' %' 3)5(*!85(+3#&5&<485(+3#&8)52!59(+53+!6%#2' 8\$%' &<
9' 852(*j&\$%+52(*j61(%9(2#*#+52!9(3(+ ' 9' 3)<(&!@' **!(&!6%#+3#&5&!(38!6#)' 3)5(*!4#%!)' 2#7' %?!#4!
&' **2)' 8!9\$&2\$*#&B' **)(^!2#385)5#3&:01' !596*52()5#3&!#4!' (21!&?38%#9' !#3!^1?&52(*!01' %(6?!6%(2)52' !
(38!' 758' 32' .=(&' 8!+\$58' *53' &!\$&' 8!53!)1' !9(3(+ ' 9' 3)!#4!)1' &' !2#385)5#3&!@5**!= ' !%' 75' @' 8!J&53+(!
' +5#3(*!(66%#(21<4)\$8' 3)&!@5**' (%3!596#%) (3)!4' ()\$%' &!#4!&' **2)' 8!2#385)5#3&!1()!@5**!&' %7' !(&!)1' !
=(&5&!4#%!)4\$)\$%' !2#\$%&' &!hV^0!eRe!V^0!eRTi:!K)\$8' 3)&!@5**!(^&#!=' !53)%#8\$2' 8!#!)1' !2#32' 6)&!#4!' P' %25&' !
61?&5#*#+?!1()!@5**!= ' !%' 75&5)' 8!@5)153!#)1' %!2#\$%&' &!1%#\$\$+1#)\$!)1' !2\$%52\$*\$9:!
!

V^0!c, -! /!2%' 85)&!

I ' \$%#9\$&2\$*(%&^1?&52(*!01' %(6?!^%(2)52' !:
015&!45%&!)2#\$%&' !@5)153!)1' !3' \$%#9\$&2\$*(%&)(2B!5&!8' &5+3' 8!#!%' 534#%2' !(38!(66*!4#\$38()5#3(*!
B3#@* 8+' !53!3' \$%#(3()#9?!(38!3' \$%#61?&5#*#+?&!(&!%' N\$5&5)' !B3#@* 8+' !4#%!)1' !85&2\$&&5#3!#4!
3' \$%#&25' 32' !(38!3#%9(*!7' %&\$&!6()1#*#+52(*!3' \$%#61?&5#*#+52!&?&)' 9&!(2%#&&!)1' !'54' &6(3:!' #3)' 3)!@5**!
53)%#8\$2' !)1' !6()1#61?&5#*#+?&!)%\$2)\$(*!59(+53+!(38!9' 852(*!85(+3#&8)52&<2*5352(*!6%' &' 3)()5#3!(38!
53258' 32' j6%' 7(**32' !#4!2#99#3!3' \$%#9\$&2\$*(%&1' (**1!2#385)5#3&<(38!453(**?&!(3!53)%#8\$2)5#3!#!
9' 852(*!(38!%' 1(=5^5)()5#3!9(3(+ ' 9' 3):01' !2*5352(*!596*52()5#3&!#4!' (21!85&' (&' <485&#%8' %!#%&!&?38%#9' !

V^0!c/-! ,!2%' 85)&!

^1(%9(2#'#+52(!] (3(+ ' 9' 3)!4#%#^1?&52(*!01' % (6?!^%(2)52' !

015&!2#\$%&' !2#7' %&!=(852!61(%9(2#'#+?!(38!5)&!%' ** 7(32' !)#!)1' !6%(2)52' !#4!61?&52(*!)1' %(6?:!015&!2#\$%&' !

@5**!6%' &' 3)!1' !6%59(%?18%\$+!2*(&&' &!1' 5%61(%9(2#B53')52!' 44' 2)&!(38!)1' 5%61?&5#'+52!' 44' 2)&!(2%#&&!

)1' !'54' &6(3:!] (>#%#2*(&&' &!#4!8%\$+&!(%' !2#7' %' 8<532*\$853+!)1#&' !)#!)%' ()!(\$)#3#952<2(%85#7(&2\$*(%<

2' 3)%(!'3' %7#\$&!&?&)' 9<9\$&2\$*#&B' **)(*<(38!' 38#2%53' !85&#%8' %&:!K6' 25(*! 961(&5&!@5**!= ' !6*(2' 8!#3!

8%\$+&!1()!(% ' !2#99#3*?!\$&' 8!53!5385758\$(*&!%' 2' 5753+!61?&52(*!)1' % (6?:!" (&' !' P(96** &!(%' !\$&' 8!)#!

5**\$&%)(' !)' !53)' %(2)5#3&!#4!9' 852()5#3&!(38!)1' %(6?<(38!&)\$8' 3)&!@5**!" (%3!(38!537' &)5+()' !)' !1' !

596*52()5#3&!#4!61(%9(2#'#+?!%' +59' 3&!#3!61?&52(*!)1' % (6?!6%(2)52' :!015&!2#\$%&' !@5**!(88% &&C!Ri!)1' !

53)' %(2)5#3!=')@' ' 3!8%\$+!)1' % (6?!(38!61?&52(*!)1' % (6?!53)' %7' 3)5#3&<, i!)1' !)' !)' % (6' \$)52!(38!

(87' %&' j&58' !' 44' 2)&!#4!9' 852()5#3&!(38!/i!)1' 5%6596(2)!#3!%' 1(=5'5)()5#3:!015&!2#\$%&' !@5**!(*#!' 961(&50' !

)1' !53)' +%()5#3!#4!8%\$+!' 44' 2)&!@5)1!)1' !2*5352(*!8' 25&5#3!9(B53+!)1()!' (21!61?&52(*!)1' % (65&!)9\$&!

6' %A#%9!53!#%8' %!)#!8')' %953' !54!61?&52(*!)1' % (6?!5&!(66%#6%5()!' (38!54!(!9' 852(*!2#3&\$*)!5&!3' 2' &&(%?>!

015&!2#\$%&' !6%' 6(%' &!&)\$8' 3)&!#!= ' !(=*' !)#!53)' +%() !2#96%' 1' 3&57' !6()5' 3)12(%' !(2%#&&!857' %&' !1' (*)1!

2(%' !&'))53+&:!

!!

V^0!e--! R!2%' 85)!

^0!^%(2)52' !W*#=(*!G375%#39' 3)!

015&!2#\$%&' !5&!8' &5+3' 8!)#!(87(32' !)' !!(66*52()5#3!(38!(3(*?&5&!#4!)1' !61?&52(*!)1' % (65&)r&!%#** !53!(3!

53)' %6%#4' &&5#3(*!2#** (=##()57' !)' (9!(38!8' &5+3!533#7()57' !1' (*)1!6%#9#)5#3!(38!85&' (&' !6%' 7' 3)5#3!

6%#'+(%9&!53!(!+*#=(' !1' (*)1!2(%' !' 375%#39' 3):!015&!2#\$%&' !@5**!4#2\$&!#3!)1' !!(87(32' 9' 3)!#4!B3#@** 8+' <

()5)\$8' &!(38!&B5**&!3' 2' &&(%?!)#!= ' 2#9' !(!2\$*)\$%(**?!2#96')' 3)!61?&52(*!)1' % (6?!6%(2)5)5#3' %:015&!

532*\$8' &!\$38' %&)(3853+!)1' !857' %&5)?!859' 3&5#3&!1()!596(2)!1' (*)1!2(%' !' 375%#39' 3)&!#3)\$&58' !#4!)1' !

J35)' 8!K() '&:!*3!(885)5#3<!)5&!2#\$%&' !@5**! 961(&50' !)' !!(87(32' 9' 3)!#4!53)' %6%#4' &&5#3(*!

2#96')' 325' &<8' 453' 8!(&!|53)' +%() ' 8!' 3(2)9' 3)!#4!B3#@** 8+' <!&B5**&<7(*\$' &j())5)\$8' &!1()!8' 453' !

@#%B53+!)#+')1' %!(2%#&&!1' !6%#4' &&5#3&<

53)' %7' 3)5#3!(&6' 2)!#4!)1' !2#\$%&' !532*\$8' &!1' !1' #%?!(38!6%(2)52(*!(66*52()5#3!#4!)1' %(6' \$)52! P' %25&' !
(38!9(3\$(*!53)' %7' 3)5#3&!01' !6%53256** &!#4!%(3+ ' !#4!9#)5#3<6%#6%#2' 6)57' !3' \$%#9\$&2\$*(%4(255)()5#3<4
9#=#550()5#3<4&)%)2153+!(38!6%#+% &&57' !% &5&)(32' !(2)575)5' &!(%' !532*\$8' 8<453!(885)5#3!)#!(!' 75' @!#4!
(8>\$32)57' !53)' %7' 3)5#3&!D!' 75' @!#4!2#99#3!&?38%#9' &!596(2)53+!)1' !' P)%' 95)5' &!1%# \$+1#\$!)1' !
*54' &6(3!@5**!=!' %' 75' @' 8!@5)1!(!85&2\$&&5#3!(38!6%(2)52(*!(66*52()5#3!#4!(!7(%5')?!#4!6%#6#&' 8!' 758' 32' .
=(&' 8!61?&52(*!)1' %(6?!53)' %7' 3)5#3&:!

!

V^0!eRT! k!2%' 85)&!!

] \$&2\$*#&B' **)(*!^:0:!!^%(2)52' !;;;C!K653' !

015&!2#\$%&' !532*\$8' &!(!' +5#3(*!(66%#(21!)#!9\$&2\$*#&B' **)(*! P(953()5#3<4' 7(*\$()5#3<485(+3#&5&<4

6%#+3#&5&<4(38!53)' %7' 3)5#3!#4!9\$&2\$*#&B' **)(*!&653(*!2#385)5#3&:!K)\$8' 3)&!@5**!\$)550' !' 758' 32' .=(&' 8!

' P(953()5#3!6%#2' 8\$%' &!)#!' &)(=*5&1!(!8544' %' 3)5(*!85(+3#&5&!1()!534#%9&153)' %7' 3)5#3!:015&!2#\$%&' !

53)'%6%#4' &&5#3(*!2#** (= #%()5#3<!(38!)1' !6&?21#*#+52(*!2#3&58' %()5#3&!#4!)1' !6()5' 3)!@5)1!6%#&)1')52!
8' 752' &:!V^0!e, R!@5**!2#3)53\$' !)#!(87(32' !)1' !&)\$8' 3)r&!2%5)52(*!)153B53+!(38!%' (š+!&)%(' +5' &!
)1%#\$+1!2*5352(*!2(&' !(66*52()5#3&!(38!%' (*.@#%*8!' (%353+!)1()!2(3!=' !(66*5' 8!(2%#&&!(2\$)' !2(%' <6#&).
(2\$)' !%' 1(=55)()5#3<!&B5** 8!3\$%&53+<!)%(3&5)5#3(*!2(%' !\$35)<!(38!1#9' !1' (*)1!2(%' !6%(2)52' !&'))53+&<!\$&53+!

)1' 5%''*5352(*!;3&)%\$2)#%&:!K)\$8' 3)&!@5**!= ' !' P6#&' 8!)#!(!7(%')?!#4!6()5' 3)!2(%' !' P6' %' 32' &!@1521!
532#%6#%()' !' 9\$*)56** !&?&)' 9!85(+3#&' &!(38!596(5%9' 3)&!(2%#&&!)' 1' !'54' &6(3!(38!)1' !2#3)53\$\$9!#4!2(%' :!
;3!(885)5#3<4&)\$8' 3)&!@5**!= ' !2%5)52(**?!(&&' &&' 8!=?!)' 1' 5%''*5352(*!;3&)%\$2)#%&!(+(53&)!= ' 3219(%B&!
2#99' 3&\$%(' !@5)1!)1' 5%'' (%353+!@5)153!)1' !858(2)52!2\$%52\$*\$9!(38!@5**!(&&' &&!)1' 5%# @3!6' %4#%9(32' !
#4!2*5352(*!&B5**&!(38!6%#4' &&5#3(*!= ' 1(75#%&: !_?)' 1' !2#32*\$&5#3!#4!)15&4\$**.

J35)' 8!K() '&!:3!(885)5#3<1)15&12#\$%&' !@5**!' 961(850' !)' 1'!(87(32' 9' 3)!#4!53)' %6%#4' &&5#3(*!
2#96')' 325' &48' 453' 8!(|53)' +%()' 8!' 3(2)9' 3)!#4!B3#@*' 8+' <1&B5**&47(*'\$' &j()5)\$8' &!1()!8' 453' !
@#%B53+!)#+')1' %!(2%#&&!1' !6%#4' &&5#3&4@5)1!#)1' %!1' (*)1!2(%' !@#%B' %&! (38!@5)1!6()5' 3)&4(*#3+!@5)1!
4(955' &! (38!2#99\$35)5' &4(&!(66%#6%#()' !)#1596%#7' !1' (*)1!#\$)2#9' &!53!&6' 25452!2(%' !2#3)' P)&:|015&!
2#\$%&' !@5**!532*\$8' ! (3!53)' %3()5#3(*!' P6' %5' 32' !53!2#** (=#%()5#3!@5)1!Q22\$6()5#3(*!01' %(6?!&)\$8' 3)&!
!

V^O!T-k! ,!2%' 85)&!!

D89535&)%()5#3!u!] (3(+ ' 9' 3)!53!^:0:!

015&12#\$%&' !' P6#&' &! (38!53)%#8\$2' &!&)\$8' 3)&!)#12#32' 6)&!%' *()' 8!)#!)1' !6%#3256** &!#4!9(3(+ ' 9' 3)! (38!
&\$6' %75&5#3!@5)1!&6' 25(*!(66*52()5#3!)#)1' !61?&52(*!)1' %(6?!&'))53+!K\$21!)#652&!@5**!532*\$8' 0!1\$9(3!
' &#%2' !9(3(+ ' 9' 3)<1=5**53+!6%#2' 8\$%' &j%' 59=\$&' 9' 3)j)@(%' <1=\$&53' &&!8' 7' *#69' 3)! (38!
6*(3353+<1' 3)%' 6%' 3' \$%&156<1#%+ (350()5#3!#4!)1' !@#%B!' 375%#39' 3)<1%&B!9(3(+ ' 9' 3)<19())%(*!&(4')?<1
' 96*#?' ' !4' ' 8=(2Bj!9' 3)%#&156j' 7(*\$()5#3<1&)\$8' 3)!&\$6' %75&5#3<16%#4' &&5#3(*!2#3&\$*)()5#3<1@%#)53+!#=#!
8' &2%#6)5#3&453)' %75' @53+!&B5**&4DVD<16()5' 3)! =5**!#4!%#1)&453(325(*!9(3(+ ' 9' 3)<1N\$(*?)!(&&\$%(32' <1
U;^DD<19(%B')53+<1@#%B' %&b!2#96' 3&()5#3<18#2\$9' 3)()5#3<16%#7())!6%(2)52' ! (38!2*5352!8' 7' *#69' 3)<1
^Q^OK! (38!2#96')5)5#3! (38!9(%B')53+<1%' 2%\$5)53+<1*52' 3&\$%' <1QKUDj! "DUQj" DHA!+\$58' *53' &! (38!
(22%' 85)()5#3:!
!

V^O!TR, ! ,!2%' 85)&!!

A#\$38()5#3&!#4!"*5352(*!H' &' (%21!;:!

015&12#\$%&' !5&! (3!53)%#8\$2)5#3!)#!N\$(*5)()57' !%' &' (%21!@5)1!(3!' 961(85&!#3!)1' !%#** !)1()!N\$(*5)()57' !
' &' (%21!45**&!53!)1' !' 758' 32' .=(&' 8!6%(2)52' !#4!61?&52(*!)1' %(6?:!01' !2#\$%&' !@5**!2#7' %!)1' !(&&\$96)5#3&!
#4!)1' !N\$(*5)()57' !6(%(85+9<1532*\$8' !(12#96(%!)#)1' !N\$(3)5)()57' !6(%(85+9<1(38!85&2\$&&!9\$*)59#8(*!
' &' (%21!@1' %' !=#)1!6] Tj(')1(186590.816590.8214cmBT-1-2(2)8214cmB3((%216(#)90.8214-1(!)-2(=)-1(#)-1(' >)B3

!6%#4' &(*!= ' 1(75#%&!_?)!1' !2#32*\$!#4!)15&I4\$**.)59' !2*5352(*! P6' %' 32' <I&)\$8' 3)&!(% ' ! P6' 2)' 8!)#!
8' 9#3&)%()' !XG3)%?IE' 7' !'^' %4#%9(32' Y!(&I8' *53' ()' 8!=?!)1' !D^OD!^1?&52(*!01' %(65&)!''5352(*!
^' %4#%9(32' !;3&)%\$9' 3):!
!

V^0!d-R! /!2%' 85)&!!

:3)' +\$9' 3)(%?!^1?&52(*!01' %(6?!^%(2)52' !

015&I2#%\$&' !6#%758' &!&6' 25(*50' 8!' 8\$2()5#3!#3!@#\$38!2(%' !6%(2)52' !4#%I61?&52(*!)1' %(65&):!01' !2#%\$&' !5&!
53)' 38' 8!4#%I&)\$8' 3)&!@1#!(%' !53)' %' &)' 8!53!8' 7' *#653+!(87(32' 8!B3#@*' 8+' !(38!&B5**!53!(*!(&6' 2)&!#4!
@#\$38!2(%' :!' #3)' 3)!2#7' %' 8!53!)15&I2#%\$&' !@5**!532*\$8' !=\$)I3#)!595)' 8!)#!(87(32' 8!9#8(*5)' 5' &!
h9' 21(352(*!<=5#*#+52(*!61(%9(2' \$)52(*!<\$6!)#18()' !(38!' 758' 32' .=(& 8!53)' %7' 3)5#3&<4(38!=\$&53' &&!(38!
9(%B')53+!h=5**53+<2#853+<6%(2)52' !9(3(+ ' 9' 3)!i:K)\$8' 3)&!@5**!(*#&!1(7' !(3!#66#%)\$35)?!)#!(885)5#3(*!
#=#&' %7()5#3!(38!1(38&.#3!2*5352(*!6%(2)52' :!
!

V^0!d- ,I /!2%' 85)&!!

^' 85()%52!^1?&52(*!01' %(6?!^%(2)52' !

015&I2#%\$&' !6#%758' &!(3!53.8' 6)1!&)\$8?!#4!)1' !6%(2)52' !#4!6' 85()%52!61?&52(*!)1' %(6?:!0' &)&!(38!
' 7(*\$()5#3&I\$&' 8!53!6' 85()%52!6%(2)52' !@5**!= ' !2#7' %' 8!(&I6(%)!#4!(!85&2\$&!#4!)1' !' 3)5%' !' 7(*\$()57' !
6%#2' &&I\$&' 8!53!6' 85()%52&!^1?&52(*!)1' %(6?!85(+3#&5&!(38!9(3(+ ' 9' 3)!#4!)1' !=%#(8!(%?!#4!2*5352(*!
6% &' 3)()5#3&I&' ' 3!53!6' 85()%52&!@5**! ~~!85&2\$&&' 8!(38!6%(2)52' 8!01' !#4!61?&52(*!)1' %(6?!53!(17(%5)?!~~
~~#4!&')53+&I532*\$853+!1#9' <2*5352(*!&')53+&Ih#\$.6(5' 3)!38!53.16(5' 3)!< 8\$2()5#3(*! 375%#39' 3)&!(38!~~
6*(?!' 375%#39' 3)&!@5**!= ' !85&2\$&&' 8: ~~D885)5#3(*!)#652&I532*\$8' !)~~1' !#4!)1' !4(95?<\$&' !(38!
6%#2\$%' 9' 3)!#4!&6' 25(*! N\$569' 3)<I' (@!%' *()' 8!)#161?&52(*!)1' %(6?!(&!(!' *()' 8!&' %752' !(38!' 44' 2)57' !
)' (9!9' 9=' %&156:!

' P6' %) !+ \$58 (32' !)#! (87 (32' !&B5**&48' *57' %! (38!8#2\$9' 3)! 758' 32' .=(&' !53)' %7' 3)5#3&!J&53+!2 (&' .=(&' 8!
9 (3 (+ ' 9' 3)!6%53256** &4 (&!6 (%)!#4!' (21!53)' %7' 3)5#3<&)\$8' 3)&!@5**!' P6*#%' !=%# (8!53)' %7' 3)5#3&! (38!
61?&52 (*!)1' % (6?!= ' &!)6% (2)52' !4#%!5385758\$ (*&!@5)1!21%#352!3' \$%#*#+52!85&' (&' &!#%!85&#%8' %&<4532*\$853+!=\$)!
3#)!*595)' 8!)#!2' %' =%(*<4= (&(*!+ (3+*5 (<4#%!2' %' = ' ** (%!85&#%8' %&<4= % (53&)' 9!8?&4\$32)5#3<4 (\$)#599\$3' !
85&#%8' %&!#4!)1' !' !' I K!#%!^ I K<42#96* P! = (* (32' j7' &)5=\$ (%!85&#%8' %&! (38j#%! (2N\$5% 8!#&&!#4!*59= :!

V^0!dR-! R!2%' 85)!!

"#96%' 1' 3&57' !GP(953()5#3!

015&!2#\$%&' !5&!2#96#&' 8!#4!)1' !6%' 6(%)5#3!(38!(89535&)%()5#3!#4!(!2#96%' 1' 3&57' !' P(953()5#3:!015&!
' P(953()5#3!5&!)1' !2\$*953()53+!' P6' %5' 32' !#4!)1' !6%#+(9!@1521!%' 4*' 2)&!9(&' %?!#4!)1' !858(2)52!
2#96#3' 3)!#4!)1' !61?&52(*!)1' %(6?!2\$%%52\$*\$9:!01' !' P(953()5#3!5&!k!1#%&!(38!Rc!953\$)' &!53!8\$%()5#3!
(38!5&!2#96%5&' 8!#4!, --!9\$*)56** .21#52' !N\$' &)5#3&!^(&&(+ !#4!)15&! P(9!5&!%' N\$5%' 8!4#%!(8\$()5#3:!

!

F2Z83; 8!

!

01' !V' 6(%)9' 3)!#4!K25' 32' !(38!] ()1' 9()52&!#44' %&!(!953#%53!61?&52&!01' !953#% (**#@&!&)\$8' 3)&!)#!
+(53!(!=(&52!\$38' %&)(3853+!#4!)1' !61?&52(*!6%53256** &!53!)1' !@#%*8!(%#\$38!\$&:!

!

] -: ' &C!RT!2%' 85)&!

^UL!, -R! k!2%' 85)&!!

^1?&52&!;;!

"#3)53\$()5#3!#4!^1?&52&!;!0#652&!532*\$8' !@(7' !61' 3#9' 3(<!' ** 2)%525)?<!9 (+3')5&9<!*5+1)<!&#\$38<#6)52&<!

%*(575)?<!(38!N\$(3)\$9!)1' #%?:!^%' %' N\$5&5)' C!^UL!, --:!Q44' %' 8C!K6%53+!

!

^UL!, -, ! /!2%' 85)&!!

] ' 21(352&!

K)\$8?!#4!&())52&<B53' 9()52&!(38!)1' !8?3(952&!#4!6(%)52*' &!(38!%5+58!=#85' &!@5)1!' 961(&5&!#3!)1' !(3(*?&5&!

#4!6%#=#* 9&:!^%' %' N\$5&5)' &C!^UL!, -R<] D0!, /R:!Q44' %' 8C!A(**!

^UL!, -e! /!2%' 85)&!!

Q6)52&!

K)\$8?!#4!)1' !+' #9')%52(*!(38!61?&52(*!)1' #%?!#4!*5+1):!^%' %' N\$

] @k' &C!/-!2%' 85)&!

!

\#bC-&#>\$.' C&#)C!^QK!R-R<RRR<, R, !#%!, , c<k, k<k, c\!457' !(885)5#3(*!2#\$\$&' &!53!6#*5)52(*!&25' 32' \!
2(6' !%' &' (%21!6(6' %h2#96**)' 8!53!^QK!k, ci:!D885)5#3(**?<5)!5&!%' 2#99' 38' 8!)1(!&)\$8' 3)&!
2#96*!)' !(3!53)' %3&156!(!)1' !*#2(*<4&)' !#%&3()5#3(*!*' 7' *!:K)\$8' 3)&!2(3!' (%3!4%#9!/.R, !2%' 85)&!53!)1' !

^QK!//R! /!2%' 85)&!!

"#3&)5)\$)5#3(*!E(@!

;3)%#8\$2)5#3!)#!)1' !J:K:!"#3&)5)\$)5#3!(38!9 (>#%#2(&' &!)1 ()!1 (7' !2#9' !=' 4#%' !K\$6%' 9' !"#%)!U' *6&!)1' !

] -: ' &C!Rd!2%' 85)&!
\#bC-&#>C!^U;! , -d^U;! , /-d^QK!//RdGI W! , --.* 7' *!#%!(=#7' \!^QK!R-R!#%!\^QK!RRR!\!2%' 85)&!53!' ** 2)57' &!
#)\$&58' !#4!)1' !&)\$8' 3)b&!9 (>#%4%#9C!''! , -Rd''! , -T_d_JK!k, d_JK!k, -dU;K!/-/dU;K!/-d^U;K!/, , dU;K!
//T^U;K!c/dU;K!ek^U;K!k, e^"Q] !k, -d^KL!/-/d^KL!/-e^U;!//, d^U;!/cR^U;!/c, d^U;!/c/d^U;!
/ck^U;!k, -d^U;!kk-d^QK! , R, d^QK!k, kd"G!/- -:!

!
W%(8\$()!' !^ (%)3' %&156!@5)1!Q)1' %d;3&5)\$)5#3&C!
D*7' %35(!J357' %&5)?!5316 (%)3' %&156!@5)1!M58' 3' %J357' %&5)?!V' *(@('% !E(@!(38!V\$N\$' &3' !J357' %&5)?!
K21##^!#4!E(@!#44' %&!#66#%)\$35)5' &!4#%&)\$8' 3)&!@1#!&\$22' &&4\$***?2#96**')' !1' 5%&D^7' %35(18' +% ' ' !
%' N\$5%' 9' 3)&!(38!9' ')!1' !(895&&5#3&!%' N\$5%' 9' 3)&!4#%&' (21!' &6' 2)57' !6 (%)3' %&)#!' (%3!(!>\$%&!8#2)#%&
8' +% ' ' :!A#%&!6' 25452!+\$58' *53' &!(38!%' N\$5%' 9' 3)&d2#3)(2)!#3' !#4!)1' !^%' .E(@!D875&#%&:!

F8Z; 2EJEDZ!Q!; E> - 8BJ3- D!

!

^&?21#*#+?i5&!(!8?3(952!(38!15+1*?!9(%B') (=** !9 (>#%!)1 (!)6%' 6(%' &!&)\$8' 3)&!4#%&22' &&!53!(!=%# (8!

53!(!V57' %&!M#%*8<!"#99\$352()5#3!(38!^%#4' &&5#3(*!V' 7' *#69' 3):!015&12#\$%&' 15&!%' 6') (= * ! \$38' %!
8544' %' 3)!)#652&:!Q44' %' 8C!:%%' +\$*(%*?!

!

^KL!, -d! /!2%' 85)&!

U\$9(3!V' 7' *#69' 3)!(2%#&&!)1' !E54' !K6(3!

A#2\$&' &!#3!61?&52(*<12#+35)57' <1(*<16' %(*5)?!(38!9#%(*!8' 7' *#69' 3)!)1%# \$+1!*54' !&6(3!4%#9!

2#32' 6)5#3!)#!8' ()1:!"%#&&12\$*)\$%(*<1+' 38' %1(38!953#%5)?!5&&\$' &!(%' 153)' +%()' 8!@1' 3!(66%#6%5()':!

^%' %' N\$5&5)' C!^KL!R-R:!Q44' %' 8C!A(**!(38!K6%53+!

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^KL!, R-! /!2%' 85)&!!

G8\$2()5#3(*!^&?21#*#+?!

;37' &5+()&' &16%53256** &!(38!6%(2)52' &!%' *()8)#!** (%353+!(38!7(%5')?#!#4!4(2)#%&!1()!(44' 2)!5):!^%' %' N\$5&5)' C!

^KL!R-R:!Q44' %' 8C!A(**!

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^KL!, Rc! /!2%' 85)&!!

] \$*)52\$*)\$%(*!;&&\$' &153!^&?21#*#+?!

K)\$8?#!#4!)1' !\$357' %&(*&!#4!1\$9(3!=' 1(75%#&(&@' **!(&!1' !8544' %' 32' &!=%#\$+1)! (= # \$)! = ?!)1' !&6' 25452!

3' ' 8&<!' P6' %5' 32' &!(38!21(%(2)' %5&)52&!#4!857' %&' !6#6\$*()5#3&:!01' !2#\$%&' !' P(953' &!2#99\$352()5#3<

\$38' %&)(3853+!(38!(@(%' 3' &&!(9#3+12\$*)\$%(**?!8544' %' 3)!6' #6** :!015&12#\$%&' !4\$*45**&!1' !1\$9(3!857' %&5)?!

+%(8\$()5#3!% N\$5% 9' 3):!^%' %' N\$5&5)' C!^KL!R-R:!Q44' %' 8C!A(**!(38!K6%53+!

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^KL!, T-! /!2%' 85)&!
K25' 3)5452!] ')1#8&!53!_ ' 1(75#%(*!K25' 32' !
015&!2#\$%&' !5&!(!&\$%7' ?!#4!&25' 3)5452!9')1#8&!1 ()!' 3(=*!&)\$8' 3)&!#!\$38' %&)(38!)1' !&5+35452(32' !(38!

&)'\$8' 3)&!)#14#%9(*!%' +\$*(5#3&!)1 ()!+#7' %3!6%#4' &&5#3(*!)152&153!6&?21#*#+?;!^%' %' N\$5&5)' &C!^KL!R-R<^KL!
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^KL!// -! /!2%' 85)&!

""%5&5&!] (3(+ ' 9' 3)!53!] ' 3)(*!U' (*)1!A5' ^8!

^%' &' 3)&!(66^5' 8!)1' %'(6' \$)52!2%5&5&153)' %7' 3)5#3!53!(!@(?!)1 ()!' 44' 2)57' *?18' &2%5=' &! (2)\$ (*!&)%()' +5' &:!

G38' (7#%&!)#16%#758' !(16' %&6' 2)57' !)1 ()!X6\$)&!)1' !&)\$8' 3)!53)#!)1' !2%5&5&1&5)\$ ()5#3!(&15)!5&!#22\$%53+<Y!

' 3(=*53+!)1' 9!)#!' P6' %5' 32' !@1 ()!(12%5&5&!@#%B' %! P6' %5' 32' &:!' ^%' %' N\$5&5)' C!^KL!R-R<^35#%&!) (\$&!#%&!

6' %95&5!#4!53&)%\$2)#%:!Q44' %' 8C!A(**!

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^KL!/c-! /!2%' 85)&!

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GP6^#%' &!(66^52)5#3!#4!6&?21#*#+52(*!6%53256^&! (38!%' &\$^)&!#4!' 965%52(*!%' &' (%21!)#)1' !=' 1 (75#%!

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K#25(*!^&?21#*#+?!

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(38!1' !*(%+ %')?;!015&12#\$%&' !@5^!532*\$8' !)1' !%' &' (%21!(38!1' #5% &!%' +(%853+!&' *!(38!6' %!

6' %2' 6)5#3&<!)5)\$8' &<#25(*!534*\$' 32' <6%' >\$852' !(38!85&2%953)5#3<453)' %6' %(*!%' *)5#3&156&<

(++% &&5#3<!(38!(*!%\$5&9<53!(885)5#3!)#!(66^52)5#3&!#4!(*!6&?21#*#+?!)#11' (*!1<^ (@<=&53' &&' &<!(38!

)1' !' 375%#39' 3):!' ^%' %' N\$5&5)' C!^KL!R-R<^35#%&!) (\$&!#%&6' %95&5!#4!53&)%\$2)#%:!Q44' %' 8C!K6%53+!

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^KL!k-e! R!2%' 85)!!

^&?21#*#+?!E(=#%()#%?!H' &' (%21!

015&12#\$%&' !6%#758' &!9#)57 ()' 8!&)\$8' 3)&!@5)1!)1' !#66#%(\$35)?!)#18' 7' *#6!%' &' (%21!&B5^&!=?!@#%B53+!

85%' 2)*?!@5)1!(!&6#3&#%53+<!)' 3\$%' .)%(2B!4(2\$*)?!9' 9=' %!53!)1' !8' 6(%9' 3):!K)\$8' 3)&!9(?!)3+(+ !53!)1' !

8' 7' *#69' 3)<8' &5+3<8 ()(12#^ 2)5#3!(38!(3(*?&5&!#4!#%+53(*!6&?21#*#+52(*!%' &' (%21!:V\$' !)#!)1' !

2#^ (=##%)57' !3)\$%' !#4!9#&!)%' &' (%21!6%#>' 2)!53!6&?21#*#+?<!)\$8' 3)&!@5^!)?652(**?!=' 2#9' !(19' 9=' %!

#4!(!%' &' (%21!+%#6!(&() 8!@5)1!)1' !4(2\$*)?!9' 9=' %:101' !&)\$8' 3)r&!%#^ 153!)1' !6%#>' 2)!@5^!=' !@' **!

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^KL!k-d! /!2%' 85)&!!

K' 35#%K' 953(%

""#\$%&' !53!@1521!(!6%#>' 2)!5&16%' 6(%' 8!4#%&6%#4' &&5#3(*!@%5)' 3!(38!#%(*!6%' &' 3)5#3:!' ^%' &' 3)5#3!#4!)1' !

2#96^)' 8!6%#>' 2)!5&1%' N\$5%' 8:!' ^%' %' N\$5&5)' C!&' 35#%&!) (\$&!#%&6' %95&5!#4!53&)%\$2)#%:!Q44' %' 8C!%:' +\$^(*?!

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^KL!kR, ! , !2%' 85)&!!

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K' 35#%&!&' ** 2)!(!6%(2)52\$9!)#!+(53!' P6' %5' 32' !53!(3!(% (!#4!53)' %' &);!^%' %' N\$5&5)' C!&' 35#%#hS-!#%#9#%' !
2%' 85)&i!6&?21#*#+?!9 (>#%#!^KL!R-R! /Rk! (38!' 2#%8!#4!(66%#6%5() ' !2*' (%(32' j=(2B+%#\$38!21' 2B&!'"#.
%' N\$5&5)' C!^KL!k, , !:Q44' %' 8C!A(**!

!

^KL!kR/! , !2%' 85)&!!

^%(2)52\$9!;;!

K' 35#%&!&' ** 2)!(!6%(2)52\$9!)#!+(53!' P6' %5' 32' !53!(!&' 2#38!(%' (!#4!53)' %' &);!^%' %' N\$5&5)' C!&' 2#38!&' 9' &)' %!
&' 35#%#6&?21#*#+?!9 (>#%#%#6' %95&&5#3!#4!53&)%\$2)#%#!^KL!R-R!(38!/Rk!(38!' 2#%8!#4!(66%#6%5() ' !

288\$)97Tc4600-1(&)283.' 46283.BQq0.2-1(4)-1(0.2" (28(5(00.2411.3386590.8214cmBT460046103.9998131Tm/T886.

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01' !] (&)' %!#4!D%)&!53!''*5352(*!'' # \$3&' *53+!6%#++(9!5&!8' &5+3' 8!)#!2#9=53' !)' #')52(*!B3#@*' 8+' <
' &' (%21<6%#4' &&5#3(*!&B5**&!@5)1!(3!')152(*!4#\$38()5#3!)#!

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6%' 6(%' !&)\$8' 3)&!)#!@#%B!@5)1!5385758\$(*&4(9'5'5' &<2#\$6** &! (38!+%# \$6&!K6' 25(*' 961 (&5&!5&!6*(2' 8!#3!
@#%B53+!@5)1!6#6\$*()5#3&! P6' %6' 3253+!2#.#22\$%53+!9' 3)(*!1' (*)1!(38!&\$=&)(32' !(\$&' !85&#%8' %&:!01' !
2'5352(*!2#\$3&' *53+!6%#++(9!5&! (66%#7' 8!=?!)1' !^' 33&?*(35!V' 6(%' 9' 3)!#4!G8\$2()5#3:!

8; 3B- ; B!

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01' &' !2#\$%&' &! (%' !%' N\$5%' 8!=?!7(%5#\$&!&25' 32' !9(>#%&!(&!6(%)!#4!)1' 5%\$38' %+(8\$())' !2\$%52\$*\$9!

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K'';!/-c!! 2%' 85)&!7(%?!!
H' &' (%21!53!_:_Qj''UGj] DO!
H' &' (%21!#4!(!&' ** 2)!6%#=#* 9!4#**#@53+!(!6%' *5953(%?!537' &)5+()5#3!\$38' %!)1' !85% 2)5#3!#4!(!4(2\$*)?!
9' 9=' %:!] (?!' !%' 6' ())' 8:!

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K'';!k-, !! , !2%' 85)&!!
K' 953(%
K)\$8' 3)&!%' &' (%21!(!)#652<532*\$853+!%' 75' @!#4!)1' !5)' %(\$%' <(38!)1' 3!6%' 6(%' !(!6(6' %!4#%!6%' &' 3)()5#3:!
Q44' %' 8C!A(**)(38!K6%53+!

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K'';!k-e!! /!2%' 85)&!!
H' &' (%21!;!
015&!5&!1' !45&!)!#4!)@#!2#\$%&' &!53!)1' !&)\$8' 3)!%' &' (%21!&' N\$' 32' :!K)\$8' 3)&!@5**18' 7' *#6!(!%' &' (%21!
6%#>' 2)!@5)1!(!4(2\$*)?!9' 9=' %!#4!)1' 5%21#52' :!015&!2#\$%&' !@5**14#2\$&!#3!(!5)' %(\$%' !%' 75' @<8' 7' *#653+!(!
' &' (%21!6*(3<2#38\$2)53+! P6' %69' 3)&<(38!53)' %6%')53+!%' &\$*)&!Q44' %' 8C!A(**!

!
K'';!k-T!! /!2%' 85)&!!
H' &' (%21!;:!
015&!5&!1' !&' 2#38!#4!)@#!2#\$%&' &!53!)1' !&)\$8' 3)!%' &' (%21!&' N\$' 32' :!K)\$8' 3)&!@5**12#3)53\$' !)#!@#%B!1' !
' &' (%21!6%#>' 2)!@5)1!)1' !4(2\$*)?!9' 9=' %!#4!)1' 5%21#52' !4%#9!)1' !6%' 75#\$&!&' 9' &' %!)15&!@5**1532*\$8' !

8E; 3(J!8; 3B- ; B!

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K#25(*!&25' 32' !2#\$%&' &!6%#758' !#66#%)\$35)5' &!4#%&)&\$8'

KK"!/RR! , !2%' 85)&!!

"\$*)%(*!W' #+%(61?!;:;!)

GP(953' &!1' !9(>#%#% (*9&!#4!)1' !38' %8' 7' *#6' 8!015%8!M#%8C!'' 3)%(*!D9' %52(<!K#\$)1!D9' %52(<! #%)1!

D4%52(<!K#\$)1@' &!D&5(<!38!D4%52(:!01' !&6' 25(*!2#9=53()5#3&!#4!2\$*)\$(*!<6!1?&52(*!<15&)#%52(*!(38!

#%+(350()5#3(*!N\$(5)5' &!#4!)1' &' !% (*9&!(% !85&2\$&&' 8!4%#9!(!+ ' #+%(6152(*!6' %&6' 2)57' :!015&12#%\$&' !

4\$*45**&!1' !1\$9(3!857' %&5)?!+% (8\$()5#3!% N\$5%' 9' 3):!

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KK"!/, R! /!2%' 85)&!!

W*#=(*!K#25')?!

D3(*?&5&!#4!9(>#%#5&&\$ \$' &!4(253+!9(3B538!53!)1' !, R&!)2' 3)\$%?C!&' 2\$%5)?!&?&)' 9&!(38!85&(%9(9' 3)<!@#%*8!

' 2#3#952!#%8' %!8' 7' *#69' 3)<!% &#%\$2' j6#6\$*()5#3!=(* (32' <(38!1\$9(3!%5+1)&:!015&12#%\$&' !4\$*45**&!1' !

1\$9(3!857' %&5)?!+% (8\$()5#3!% N\$5%' 9' 3):!

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8E; 3(J!5 ECX!

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W#(*&!4#%&)\$8' 3)!'' (%353+!(% !2#32' 6)\$(*50' 8!4%#9!)1' !6%59(%?!8' 6%)9' 3)(*!+#(*!<@1521!5&!)#!6%' 6(% !

&)\$8' 3)&!4#%#! 3)%?.' 7' *!6%#4' &&5#3(*!2#96')' 32' !(&!+ ' 3' %(*5&)(*!@#%B!6%(2)5#3' %&:!01' !K#25(*!M#%B!

V' 6(%)9' 3)!5&!(22%' 85)' 8!=?C!01' !' #325!#3!K#25(*!M#%B!G8\$2()5#3<RT, c!V\$B' !K)% ')<D* P(38%5(<F(:<

, , /Rk./kcT!61#3' !3\$9=' %!T-/.ed/.d-d-:!K#25(*!M#%B!6%#+(9!+% (8\$() ' &!(% !(@(%8' 8!(!_ (21' *#%#

V' +% ' !#4!K#25(*!M#%B!h_KMi:!! #!*54' !' P6' %5' 32' !#%d@#%B!' P6' %5' 32' !2%' 85)&!(% !(22' 6)' 8!4#%#)15&!

6%#+(9:01' !6%#+(9!6%#758' &! 8\$2()5#3(*!2#%\$&' &!(38! P6' %5' 32' &!8' &5+3' 8!)#11' *6!)1' !&)\$8' 3)!

' P6*#%' !1' !3()\$%' !#4!)1' !5385758\$(*!@5)153!')?!:01%#\$+1!(!2%5)52(*!(@(%' 3' &&!#4!5385758\$(*!(38!(*!

7(*\$' &!1' !&)\$8' 3)!5&! P6#&' 8!)#!(!=#8?!#4!B3#@* 8+' <@1521! P(953' &!1\$9(3!=' 1(75%#(38!

8' 7' *#69' 3)!(38!+(53&!1' !&B5**&!3' 2' &&(%?!)#!@#%B!' 44' 2)57' *?!@5)1!5385758\$(*&<4(955' &<+/%#\$6&<

#%+(350()5#3&<2#99\$35)5' &!(38!)1' !' (%+' %')?!:;&&\$' &!2#32' %353+!')13525)?<2\$*)\$%' <+ ' 38' %! (38!

7\$*3' %(*=' !6#6\$*)5#3&!(% !532#%6#%() ' 8!)1%#\$+1#%)!1' !6%#+(9:!)K)\$8' 3)! P(953' !1' !2#3)%5=\$)5#3&!

(38!3' ' 8&!#4!)1' &' !&6' 25(*!6#6\$*)5#3&:!01' !2\$%52*\$9!4#2\$&' &!#3!)1' !7(%5#\$&!53&5)5)5#3&!)1()!(% !

8' &5+3' 8!)#!6%#758' !(*!&' %752' &.:!3!(885)5#3<1' !(*!@#%B!6%#+(9!9#)57() ' &!(38!6%' 6(% &!

&)\$8' 3)&!4#%#2#3)53\$' 8!6%#4' &&5#3(*!8' 7' *#69' 3)!(38! 8\$2()5#3:!

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D*7' %35(!(*!@#%B!6%#+(9!+# (*!(% C!

Z 0#! 31(32' !&)\$8' 3)&b!2%5)52(*!)153B53+!&B5**&!@5)1!)1' !2#3) P)!#4!+ ' 3' %(*5&)(*!@#%B!

01' !#25(*!@#%B!6%#+% (9!#4!D*7' %35(!J357' %&5)?!8' 453' &!W' 3' %(*5&)!^%(2)52' !(&! (1!#%5&)52! (66%# (21!)1 ()!
6%#758' &!1' !6%(2)5)5#3' %!@5)1!)1' !B3#@'' 8+' <7(*\$' &! (38!&B5**&!3' 2' &&(%?!)#!' 3+ (+ ' !53! (16*(33' 8!21 (3+' !
6%#2' &&!#3! (1952%#<19' 00#1 (38!9 (2%#!'' 7' *!@1521!532*\$8' &!5385758\$ (*&!4 (95'5' &!+ %#\$6&<1#%+ (350 ()5#3&<
(38!2#99\$35)5' &!_ \$5'853+!#3!)1' !&)%' 3+)1!6' %&6' 2)57' <)15&! (66%# (21!532#%6#%())' &!#25(*!&?&)' 9&! (38!
' 2#*#+52 (*!9#8' *&! (&! (14#\$38 ()5#3!4#%!)1' !6*(33' 8!21 (3+' !6%#2' &&:!
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W' 3' %(*5&)!(*!@#%B!532#%6#%())' &!B3#@'' 8+' !1 ()!5&!)% (3&4' % (='' <' 96#@' %&!5385758\$ (*&!4\$)5'50' &! (!
7(%5')?!#4!53)' %7' 3)5#3!&)% ()' +5' &< (3(*?0' &!8' 7' *#69' 3)! (2%#&&!1' !'54' !&6 (3<' 7(*\$ ()' &!1' !596 (2)!#4!
(*!6#525' &! (38!&' %7' &!6#6\$* ()5#3&. () .%5&B!:'^#6\$* ()5#3&. () .%5&B!532*\$8' C!6' #6'' !#4!2#*#%<@#9' 3<
215'8%' 3!<#8' %! (8\$*)&<1)1' !61?&52 (**?j 9' 3) (**?!21 (** 3+' 8<6' #6'' !#4!8544' %' 3)!&' P\$ (*!#%5' 3) ()5#3<
')13525)43 ()5#3 (*!#%5+53!#%!%' *5+5#\$&! = '5' 4&< (38!)1' !' 2#3#952 (**?!85& (87 (3) (+ ' 8!W' 3' %(*5&)!(*!@#%B!
6%(2)52' !532#%6#%())' &!7 (*\$' &!1 ()!%' 4'' 2!)1' !(*!@#%B' %&!6%#4' &&5#3 (*!2#8' !#4!))152&!h! DKM!' #8' !#4!
G)152&i<!@1521!8' 9 (38&!(*!%' &6#3&5=5'5)?! (38!%' &6' 2)!4#%!857' %&' !7 (*\$' !&?&)' 9&< (&!@' **! (&! (
2#995)9' 3)!#12#3)53\$' 8!6%#4' &&5#3 (*!8' 7' *#69' 3):!
W' 3' %(*5&)!(*!@#%B!6%(2)52' ! (*&!532#%6#%())' &!&B5**&!1 ()!6%#758' !4#%! (&&' &&53+!25' 3)&!3' ' 8&<
' &) (=5&153+!+ # (*&! (38!# =>)2)57' &< (38!596'' 9' 3) ()5#3! (38! 7 (*\$ ()5#3!#4!)1' !6*(33' 8!21 (3+' !6%#2' &&:!
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W' 3' %(*5&)!(*!@#%B!6%(2)52' !*53B&!6' #6'' !@5)1!&?&)' 9&! (38!4#2\$&' &!#3!' N\$ (*5)?!4#%!)1#&' !6' #6'' !@1#!
(% !#66%' &&' 8! (38!85&2%5953 ()' 8! (+ (53&)<) (B53+!53)#!2#3&58' % ()5#3!53&)5\$)5#3 (*!6#525' &! (38!6%#2' 85%' &!
)1 ()!1538' %!&' *4.18')' %953 ()5#3! (38!+%#@)1:!
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01' !9 (>#%&&' N\$' 32' !53!(*!@#%B!6%(2)52' !53!)1' !' (&!)@#?!' (%&! (&&5&)&!&) \$8' 3)&!1)1#%\$+1! (16*(33' 8!
21 (3+' !6%#2' &&!53!@#%B53+!@5)1!5385758\$ (*&!4 (95'5' &!+ %#\$6&<1#%+ (350 ()5#3&< (38!2#99\$35)5' &!&' %7' 8! =?!
=#)1!6\$ =52! (38!6%57 ()' ! (+ ' 325' &:!
A5' *8!^%(2)52\$9!2#3&)5\$)' &! (3!53)' +% (*!2#96#3' 3)!#4!)1' !)# (*!2\$%52\$*\$9< (38!1' *6&!&) \$8' 3)&!53)' +% ()' !
2* (&&%##9!'' (%353+!@5)1!6%(2)52' !53!)1' !(*!&' %752' !&'))53+!:!
!

I' .-@8\$ _' & [\$N8#@&@: .#\$@: >\$L-#8>G' & [\$%&' .#>C&#)\$
Z 01' !4#**#@53+!2'' (%(32' &! (% !%' N\$5%' 8!4#%6* (2' 9' 3)!53)#!(*!@#%B!45' *8@#%B!2#\$%&' &!hKM!
/Re<KM!k- /<KM!k-kiClhP,%0'O. 1%"#10. #*OW%#26#* (#*5 (#\$ (. *+'#* (#6' (1%""i

2** (%(32' &!9\$&)!= ' !%' 2' 57' 8!3#!*() ' %!)1 (3!Q2)#=' %!/-!53!#%8' %!)#!&' 2\$%' !(145' *8@#%B!
6*(2' 9' 3):!

Z

N+M\IP\$; PIN\0%!0+=I\$

!

KM!, -R!! /!2%' 85)&!!

;3)%#8\$2)5#3!)#K#25(*!M#%B!

;3)%#8\$2)5#3!)#')?b!%' &6#3&'!)#(*!3' ' 8!)1%#\$+1!(!+' 3' %(*5&!(66%#(21!)#4(95*?!&' %752' &4215*8!

@' *4(%' 461?&52(*!(38!9' 3)(*!1' (*)1!&' %752' &4&21##*!' *()' 8!&' %752' &42#%' 2)5#3&4+' %3)#*#+?!(38!

6#6\$*(5#3&.)%&B;!K#25(*!@#%B' %b!%' &6#3&'!)#9' ')53+!)1' !3' ' 8&!#4!7(%5#\$&!9\$*)5.')1352!(38!9\$*)5.

3' ' 8&!+##\$6&15&! 961 (&50' 8!:3)' +%(5#3!#4!952%#49' 00#!(38!9 (2%#16%(2)52' !5&1532*\$' 8:!

!

KM!, -, !! /!2%' 85)&!!

K#25(*!K' %752' &!)#!' 15*8%' 3!

015&12#\$%&' !)(B' &153)#!2#3&58' %(5#3!)1' !15&)%52(*!6' %&6' 2)57' 4#' 2#3#952!4(2)#%&!(38!)1' !

9\$*)52\$*)\$%(*!7(%5(=* &!)1(44' 2)!215*8!@' *4(%' !53!)1' !J35)' 8!K() '&:!K#25(*!&' %752' &!(7(5(*=*!)#1215*8%' 3!

(% !2#32' 6)\$(*50' 8!(38!532*\$' 8' !&\$66#%)57' 4&\$66** 9' 3)(%?!(38!&\$=&5)\$)' !&' %752' &:!A(95*?!&' %752' &4

1#9' 9(B' %!&' %752' 44#&)' %2(%' 40' 96#%(%?!D&&5&)(32' !)#! ' ' 8?!A(95*5' &!hODI Ai46%#)' 2)57' !&' %752' &4

8(?2(%' 4(8#6)5#3!(38!53&5)\$)5#3(*!2(%' !(%' !&' %752' &!' 7(*\$())' 8!(38!85&2\$&&' 8:!

!

KM!, -/!! /!2%' 85)&!!

01' !^%#2' &&!#4!D+53+!

KM!k-, !! /!2%' 85)&!
K#25(*!M#%B!^%(2)52' !;F! [!" (6&)#3' !
015&!2#\$%&' !5&!8' &5+3' 8!)#!&' %7' !(&!(!2(6&)#3' !)#!)1' !(*!@#%B!6%(2)52' !&' N\$' 32' :!K)\$8' 3)&!@5**!
8' 9#3&)%(' !)1' 5%\$38' %&)(3853+!#4!@#%B53+!#3!952%#49' 00#4(38!9(2%#!** 7' *&!#4!6%(2)52' !53)' +%()53+!
)1' #%?<! 965%52(*!' &' (%21<7(*\$' &!(38!&B5**&!(&!53)' +%(*)#)1' !+ 3' %(*5&)!6%(2)52' !#4!(*!@#%B!
^%' %' N\$5&5)' &C!KM!k-R!(38!k-c:!
!
KM!k-/!! k!2%' 85)&!!
K' 35#%A5' *8!G8\$2()5#3!;!
K\$6' %75&' 8!(*!@#%B!6%(2)52' !53!(!1\$9(3!&' %752' !(+' 32?:!K)\$8' 3)&!2(%%?!85%' 2)!%' &6#3&5=5^5)5' &:!
] 5359\$9!#4!, --!1#\$%&!#4!@#%B!5&!%' N\$5%' 8:!!^%' %' N\$5&5)' &C!KM!/-e!(38!/Re:!!'#.%' N\$5&5)' C!KM!k-T:!
!
KM!k-k!! k!2%' 85)&!!
K' 35#%A5' *8!G8\$2()5#3!;;!
K\$6' %75&' 8!(*!@#%B!6%(2)52' !53!(!1\$9(3!&' %752' !(+' 32?:!K)\$8' 3)&!2#3)53\$' !)#!2(%%?!#)\$!85%' 2)!
%' &6#3&5=5^5)5' &:!] 5359\$9!#4!, --!1#\$%&!#4!@#%B!5&!%' N\$5%' 8:!!^%' %' N\$5&5)' C!KM!k-R:!!'#.%' N\$5&5)' C!KM!k-d:!
!
KM!k-c!!

!

] -: ' &C!Rd!2%' 85)&!

KQ"!IRRR!k-R!e!2%' 85)&!#4!#*#+?!()!)1' !, --!* 7' ^!e!2%' 85)&!#4!#*#+?!()!)1' !/- -!#%k- -!* 7' *!:

!

N+M\IP\$; PIN\0%!0+=I\$

!

KQ"!IRRR! /!2%' 85)&!!

^%53256* &!#4!K#25#*#+?!:

D3!53)%#8\$2)5#3!)#1)1' !9 (>#%2#32' 6)&!53!#*#+?;!01' !3()\$%' !(38!&5+35452(32' !#4!2\$*)\$%' <!(*!+%#\$6&< %#*! (38!&)()\$&<!(*!53)' %(2)5#3<!&)%()5452()5#3<!&?&)' 9!(38!&)%\$2)\$%' !(%' !85&2\$&&' 8!@5)153!(!#*#+52(*! 4%('9' @#%B:!

!

KQ"!I, R-! /!2%' 85)&!!

K#25#*#+?!#4!)1' !A(95?!

"#3&58' %()5#3!#4!9' (353+&!#4!9(%%5(+! (38!4(95*?<2#3)' 96#%(%?!+' 38' %!%#*' &<53)59() !%' *()5#3&156&! (38!4(95*?1*54' :!D**!9(>#%&(%' (&!(%' !&)\$85' 8!4%#9!(!#*#+52(*!6' %&6' 2)57' :!015&!2#\$%&' !4\$*45**&!)1' !U\$9(3! V57' %&5)?!%' N\$5%' 9' 3)!

!

KQ"!I, R, ! /!2%' 85)&!!

"#3)' 96#%(%?!K#25(*!^%#=#* 9&!

GP(953()5#3!#4!(*!6%#=#* 9&<\$&53+!(!#*#+52(*!6' %&6' 2)57' <@5)153!2#3)' 96#%(%?!D9' %52(3!')?;! G961 (&5&!5&!6*(2' 8!#3!)1' !(3(*?&' &!#4!(*!7(*'\$' &!53!75' @53+!(*!6%#=#* 9&:!

!

KQ"!I, Rk! /!2%' 85)&!!

K#25#*#+?!#4!G8\$2()5#3!

D3!(3(*?&5&!#4!' 8\$2()5#3!(&!(!(*!53&)5)\$)5#3!(38!5)&!%' *()5#3&156!)#1#)1' %!53&)5)\$)5#3&!01' !%#*' !#4! ' 8\$2()#%&!(89535&)%()#%&!&)\$8' 3)!(38!6(%' 3)!(%' !2#32' 6)\$(*50' 8!(*#3+!@5)1!596*52()5#3&!%' +(%853+! ')13525)?!(38!&\$=2\$)\$%' &<!(*!&)%()5452()5#3!(38!(*!21(3+' &:!

!

KQ"!kRR! /!2%' 85)&!!
K#25#*#+?!#4!] ' 3!(38!M#9' 3!
"%5)52(*! P(953()5#3!#4!)1' !596*52()5#3&!#4!)(85)5#3(*!&' P\$(*!%#*' &! ' 961(&5&!#3!)1' !2(\$&' &!(38!
2#3&' N\$' 32' &!#4!2\$% 3)!21(3+' &!(38!)1' !596*52()5#3!#4!)1' &' !21(3+' &!#3!)1' !4' 95353' !58' 3)5)?4(95*?
&)%\$2)\$%' 4&' P\$(*!% 7#*\$)5#34(38!2#3&\$96)5#3!6())' %3&!015&!2#\$\$%' !4\$*45*&!1' !1\$9(3!857' %&5)?!

0UH!/e-! /!2%' 85)&!!

D87(32' 8!D2)53+jV5%' 2)53+!

D87(32' 8!53&)%\$2)5#3!53!) 2135N\$' &!4#%!(2)#%&!(38j#%!85%' 2)#%&!015&!2#\$\$%' !9(?!=' !%' 6' ()' 8!\$38' %!
8544' %' 3!)#652&!^%' %' N\$5&5)' C!'' Q] j0UH!, cc!#%!' Q] j0UH!/c-!#%!' 6' %95&&5#3!#4!53&)%\$2)#%!

!

0UH!k-k! /!2%' 85)&!!

D%)&!Q6' %()5#3&!

GP6*#%' &!=\$&53' &&!(38!

0UG!R-c! /!2%' 85)&!

!OUG!, cc! /!2%' 85)&!!

K(3)#!V#953+#!

015&!2#\$%&' !@5**!2#7' %!)1' #*#+?!(38!(*!>\$&)52' !)#652&!(&!1' ?!' *()' !)#!&' %752' !53!)1' !8' 7' *#653+!@#%8:!

015&!5&!(!&' %752' .** (%353+!2#\$%&' !53!@1521!&)\$8' 3)&!@5**!(66*?!B3#@*' 8+' !(38!&B5**&!(2N\$5%' 8!8\$%53+)1' !

&' 9' &)' %!8\$%53+!(!@' ' B.*#3+!599' %&5#3!' P6' %5' 32' !53!K(3)#!V#953+#!V#95352(3!H' 6\$=*52!599' 85()' *?!

4#**#@53+!)1' !&' 9' &)' %:!01' !2#\$%&' @#%B!@5**!' P6*#%' !(!)1' #*#+?!#4!*5=' %()5#3!4#%!)1' !6##%!' (1#*52!(*!

0UG!/cc! /!2%' 85)&!

A%(325&2(3!^5*+%59(+ '!)#!D&&5&5!(38!H#9' !

015&!)(7' *!2#\$\$&' !6%' 6(%' &!&)\$8' 3)&!4#%!(!2\$*)\$%(*!599' %&5#3!53!;)(*?!@1' %' !)!1' ?!@5**!6(%)5256() ' !53!(3!

53)' %2#*** +5() ' !&)\$8?.65*+%59(+ '!)#!D&&5&5!(38!H#9' <!75&5)53+!15&)#%2(*!(38!&65%5)\$(*!&5)' &!1()%(2' !)!1' !

=5%)1!#4!)1' !A%(325&2(3!9#7' 9' 3):!^%' %' N\$5&5)' !0UG!R-c!0UG!/c-!% 2#99' 38' 8:!015&!2#\$\$&' !4\$*45**&!1' !

1\$9(3!857' %&5)?!%' N\$5%' 9' 3):!D885)5#3(*! P6' 3& &!@5**!= ' !532\$%%' 8:!

!

0UG!/ek! /!2%' 85)&!!

] ?&)525&9!

K)\$8?!#4!9?&)525&9!4#2\$&53+!#3!)1' !" 1%&)5(3!)(85)5#3!=\$)!532*\$853+!' P(953()5#3!#4!3#3." 1%&)5(3!

%' *5+5#3&!(&!@' **:!

!

0UG!/d-! /!2%' 85)&!!

> -39BC83=Z!

!

] -: ' &C!Rd!2%' 85)&!

!

H' N\$5%' 8C!^U;! , c-:!S.Rc!2%' 85)&!4%#9C!U;K! , /-d^KL!/-d^GI W! , Re^kQ"!kRR^"! , RT^OUG!/-d^K6' 25(*!
0#652&!h58' 3)545' 8!=?!)1' !53&)%\$2)#%!(38!(66%#7' 8!=?!)1' !MWK!2##%853()#%!(&!&6' 25452(""?!6' %)(5353+!)#!
)1' !45' ^8!#4!@#9' 3!(38!+' 38' %&)\$85' &i!(38!3#!9#%' !)1(3!e!2%' 85)&!4%#9C!""! , RT^"!kRR^GI W! , - , ^] JK!
, , , ^] JK!/, , ^I JH!/R, ^U;!k, -d^KL! , Rc^KL! , , -d^KK"!/, R^KM! , - , ^MWK. "#+3()' &p!

!

p"#+3()' &!(%' !58' 3)545' 8!=?!)1' !&)\$8' 3)^1' !MWK!""##%853()#%!(38!)1' !2#\$%&' !53&)%\$2)#%:!D!2#3)%!(2)!5&!

L\P=NA\$

AHG!R-R! /!2%' 85)&!!

G* 9' 3)(%?!A%' 321!;!;

;3)%#!)#!=(&52!&B5**&!#4!A%' 321!&6' (B53+&4*5&)' 353+&4%' (853+!(38!@%5)53+;!G961 (&5&!#3!2#96')' 32' !53!
+%(99(%&17#2(=\$*(%?&6%#3\$325()5#3&4(38!2#96%' 1' 3&5#3:;!A#%&)&)\$8' 3)&!@5)1!3#!6%' 75#\$&!=(2B+%#38!53!
A%' 321:!

!

AHG!R-, ! /!2%' 85)&!!

G* 9' 3)(%?!A%' 321!;!;

"#3)53\$()5#3!#4!A%' 321!R-R:;!^%' %' N\$5&5)' C!AHG!R-R!#%!' N\$57(** 3):!

!

AHG!, -R! /!2%' 85)&!!

;3)' %9' 85()' !A%' 321!;!;

H' 75' @!#4!+%(99(%&17#2(=\$*(%?&6%#3\$325()5#3&4(38!&?3)(P:;!^%#+%& &57' !8' 7' *#69' 3)!#4!)1' !4#\$%&=(&52!2#99\$352()5#3!&B5**&:!
;3)%#8\$2)5#3!#5)' %(%?!% (853+&:;!^%' %' N\$5&5)' C!AHG!R-, !#%!' N\$57(** 3)!#%!)@#!?' (%&!15+1!&21##*!A%' 321:!

!

AHG!, -, ! /!2%' 85)&!!

;3)' %9' 85()' !A%' 321!;!;

"#3)53\$()5#3!#4!A%' 321!, -R:;!^%' %' N\$5&5)' C!AHG!, -R!#%!' N\$57(** 3):!

!

fP\] K=\$

WGH!R-R! /!2%' 85)&!!

G* 9' 3)(%?!W' %9(3!;!;

;3)%#8\$2)5#3!#5)#!=(&52!&B5**&!#4!W' %9(3!&6' (B53+&4*5&)' 353+&4%' (853+&4@%5)53+;!G961 (&5&!#3!2#96')' 32' !53!
+%(99(%&17#2(=\$*(%?&6%#3\$325()5#3&4(2#96%' 1' 3&5#3:;!^%' %' N\$5&5)' C!3#!6%' 75#\$&! P6' %5' 32' !#%' !?' (%&!15+1!&21##*!W' %9(3:!

!

WGH!R-, ! /!2%' 85)&!!

!G* 9' 3)(%?!W' %9(3!;!;

"#3)53\$()5#3!#4!W' %9(3!R-R:;!^%' %' N\$5&5)' C!WGH!R-R!#%!' N\$57(** 3):!

!!

WGH!, -R! /!2%' 85)&!!

;3)' %9' 85()' !W' %9(3!;!;

H' 75' @!#4!+%(99(%&17#2(=\$*(%?&6%#3\$325()5#3&4(38!&?3)(P:;!^%#+%& &57' !8' 7' *#69' 3)!#4!4#\$%&=(&52!2#99\$352()5#3!&B5**&:!
^%' %' N\$5&5)' C!WGH!R-, !#%!' N\$57(** 3):!

!

WGH!, -, ! /!2%' 85)&!!

;3)' %9' 85()' !W' %9(3!;!;

"#3)53\$()5#3!#4!W' %9(3!, -R:!

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0! KH0K=\$

;OD!R-R!! /!2%' 85)&!!

G* 9' 3) (%?!;) (*5(3!;!)

;3)%#8\$2)5#3!)#!=(&52!&B5**&!#4!;)(*5(3!&6' (B53+!5&)' 353+!%' (853+!(38!@%5)53+;!G961 (&5!#3!2#96')' 32' !53!

+%(99 (%!7#2(=\$* (%?<6%#3\$325)5#3!2#96%' 1' 3&5#3:!! #!6%' %' N\$5&5)' :!

!

;OD!R-,

J+K\; \$+L\$! \MI! PPI\$+LLONP\I\$

!

N"@&0\$

W%' ++! :!K1' 9(3&B5!!

"\$&)#9!^%#2' &&53+!K' %752' &d;32:!

^%' &58' 3)!u!Q@3' %!

!

h-.#N"@&0\$

] 521(' !V\$44!!

^' 3&B' !0%\$2B!E' (&53+!

K' 35#%F52' !^%' &58' 3)!

!

I#. &#*@&<0\$

`#13!H:!] 2"*#&B' ?<V:_:D:!

!

M: -(#&)-*<\$%&#)->#: *\$

`#13!H:IE#?(2B!

!

M: -(#&)-*<\$N' C:)#0\$

U#\$%5+(3<v*\$+' %u!! \$533!

!

%&#)->#: *\$P? #&-*C)\$

01#9(&!A:!A*?33<^1:V:!

V' (2#3!V(35' *I !:!V' E\$22(<] :_:D<E:U:V:<^1:V:!!

E(\$%' 32' !M:!] (00' 3#!;;<^1:V:!

!

!&C)*##)\$P? #&-*-\$

_ '%3(%853' !A%(325&2(3!K5&)' %&!!

" (%!D38' %<^%:!

`(9' &!_#&2#7!!

M5**5(9!"#9=&d;;;!

H521 (%8!G1&!
"\$&)#9' %!_(3B

^(\$!0%\$3B!
_ '%B.O' B!u!! ' P(3&!EDI !V575&5#3!! :!D9' %52(!!
^%' &58' 3)!u!F52' !^%' &58' 3)!
!
V(758!0\$%3' %!
A5%&)!G3' %+?!' #%6:!
H' +5#3(*!] (3(+ '%!GP)' %3(*!D44(5%&!
!
`#13!M' 58' 31(99' %!

"1(5%<^1?&52(*!01' %(6?<"1%5&)#61' %!M5&' <V^0!
^%#+% (9!V5%' 2)#%<^1?&525(3!D&&5&)(3)<H' 3' ' !E(3+&)(44<] K^DK!

!

"#**' +' !#4!U\$9(35)5' &!(38!K#25(*!K' %752' &!

!!!!"1(5%<U\$9(35)5' &<"#%' ?!U(%%5&<^1:V:!

!!!!"1(5%<^&?21#*#+?!(38!"#\$3&' *53+<V5!L#\$<^1:V:!!

"1(5%<"%5953(*! \$&)52' <!H#&' 9(%?!] 2A' ' <] :G8:!

"1(5%<G8\$2()5#3<G** 3(!E(@%52B<^1:V:!

!!!!^%#+% (9!V5%' 2)#%&<K#25(*!M#%B<"?3)15(!"#=53<] KM!(38!Q1' 3' @((!M15)' <] KM!

!!!!^%#+% (9!V5%' 2)#%<D8852)5#3&!(38!] ' 3)(*!U' (*)1<V(758!H' ?1' %<] KM!

!

')1!'%%')dG8:V:!
D&()'!^%#4' &&#%#4!_&53' &&!!
K!##9&=\$%+!K)('!'#***+'!!
]_D!^15*(8'*615('!'#***+'!#4!0'P)5* &!u!K25'32'!
G8V!M58'3' %J357' %&5)?!
!
V#*#%' &!_!_'%)#)5dV^0!!
^%#4' &&#%#4!^1?&52(*!01' %(6?!
_Kd] K^0dV^0!0' 96** !J357' %&5)?!
!
''?3)15(!_52B53+&d] KI!
^%#4' &&5#3(*!K6'25(*5&!#4!| \$%&53+!
_K!;99(2\$*(!J357' %&5)?!
] KI !D*7' %35(!J357' %&5)?!
!
01#9 (&!H:!'_5' %#@&B5d^1:V:!!
D&()'!^%#4' &&#%#4!IG3+*5&1!!
_D!K):! #&' 61b&!J357' %&5)?!
] D!K(3!A%(325&2#!K)('!J357' %&5)?!!
^1V!E' 15+1!J357' %&5)?!
!
`#&' 61!_5%*5dG8:V:!
D&&5&)(3)!^%#4' &&#%#4!K#25(*!M#%B!!
_KM!G(&)' %3!J357' %&5)?!
] K!M' &)!''1' &)' %!J357' %&5)?!!
G8V!M5*953+)#3!J357' %&5)?!
!
059!_ *' &&53+d^1:V:!!
^%#4' &&#%#4!U5&)#%?!
_D!J357' %&5)?!#4!M?#953+!
] ^Dd] Dd^1V!01' !^' 33&*7(35(!K)('!J357' %&5)?!
!
K(9\$*'!_%(8*' ?dV_D!!
D&()'!^%#4' &&#%#4!_&53' &&!!
_D!M' &)!''1' &)' %!J357' %&5)?!!
] _D!V%' P' *!J357' %&5)?!
V_D!D%+##&!J357' %&5)?!
!
] (%?(33!_%' 33(3dQ0V!
D&&5&)(3)!^%#4' &&#%#4!Q22\$6()5#3(*!01' %(6?!
_K!0' 96** !J357' %&5)?!
] D!;99(2\$*(!J357' %&5)?!
Q0V!_#&)#3!J357' %&5)?!
!
!

] #**?!_#=#&)!G8:V:!
D&&5&)(3)!^%#4' &&#%#4!G8\$2()5#3!
_D!D*7' %35(!"#*** +'!
] K!M5'B' &!J357' %&5)?!
G8V!M(*8' 3!J357' %&5)?!
!
`(3' !_#B' %!^1:V:!
D&&5&)(3)!^%#4' &&#%#4!_\$_&53' &&!
_D!'' 8(%75*** !J357' %&5)?!
] _D!

!

v' 753!V#33' **?<^1:V:!!

D&()' !^%#4' &&#%#4!U5&)%#?!!

_D!J357' %&5)?!#4!] 5&&#\$%&!!

] D<^1V!_%(38' 5&!J357' %&5)?

E(\$%' 3!U' %=' %) <] K!
D&&5&)(3)!^%#4' &&#%#4!^&?21#*#+?!!
_K!(38!] K!K1566' 3&=\$%+!J357' %&&)?!
!
U' ()1' %!v' 6' %*53+<] KI !!
;3&)%\$2)#%#4! \$%&53+!
_KI !^\$%8\$' !J357' %&&)?!
] KI !J357' %&&)?!#4!^' 33&*7(35(!
!
Q38%(!] :!v5' *=(&<^1:V:!!
D&()' !^%#4' &&#%#4!_5#*#+?!
_KID*=%5+1)!'' #**' +' !!
^1V!_#&)#3!J357' %&&)?!
!
M##&##3!v59<^1:V:!
D&()' !^%#4' &&#%#4!_5&53' &&!!
_D!^\$&(3!I ()5#3(*!J357' %&&)?!!
] _D!M(&153+)#3!K() ' !J357' %&&)?!!
^1V!J357' %&&)?!#4!A*#%58(!
!
V(%%' 3!O:lv#21<V:":!!
D&&5&)(3)!^%#4' &&#%#4!_5#*#+?!!
_K!M' &)' !' 1' &)' %!J357' %&&)?!!
V''!E54' !J357' %&&)?!
!
V5(3' !M#0352B5!v%(4)<] K!!
;3&)%\$2)#%#4!_5#*#+?!
_K!^' 33!K() ' !J357' %&&)?!!
] K!! ' @!L#%B!J357' %&&)?!
!
0%(2?!v%(9' %<1V! ^!
;3&)%\$2)#%#4! \$%&53+!
_KI !01' !^' 33&*7(35(!K() ' !J357' %&&)?!
] KI !M58' 3' %!J357' %&&)?!
VI ^!M5'B' &!J357' %&&)?!
!
E538&(?!v%(\$&<^1:V:!
D&&5&)(3)!^%#4' &&#%#4!_5#*#+?!
_K!W'))?&=\$%+!' #**' +' !
^1V!0' 96*' !J357' %&&)?!
!
`#&' 61!v%' 9' %<^1:V:!
D&()' !^%#4' &&#%#4!' 1' 95&)%?!!
_K!K*566' %?!H#2B!J357' %&&)?!!
^1V!' #*#%(8#!K() ' !J357' %&&)?!

!
H?(3!E:IE(3+' 4^1:V:!!
D&()' !^%#4' &&#%#4!" #99\$352()5#3!
_D4] D!"" 7' *(38!K)() ' !J357' %&5)?!
^1V!] 5215+(3!K)() ' !J357' %&5)?!
!
H' 3' ' !E(3+&)(444] K^DK!
D&&5&)(3)!^%#4' &&#%#4!] ' 85253' !
_K!)1(2(!" #"" +' !
] K^DK!D%2(85(!J357' %&5)?!
!
G** 3(IE(@%52B4^1:V:!
D&()' !^%#4' &&#%#4!G8\$2()5#3!!
_D!u!] D!A(%G(&' %3!K)() ' !J357' %&5)?<H\$&&5(!
^1V!^%\$8\$' !J357' %&5)?!
!!
`#13!E521)' 3@(*3' %4^1:V:!!
D&&5&)(3)!^%#4' &&#%#4!K#25(*!M#%B!
_KM4] KM!v\$)0)#@3!J357' %&5)?!
^1V!] (%?@##8!J357' %&5)?!
!
K)' 61' 3!E#7' 4] _D!
^%#4' &&5#3(*!K6' 25(*5&)!#4!D22#\$3)53+!
_K!01' !^' 33&?*7(35(!K)() ' !J357' %&5)?!
] _D!D*7' %35(!" #"" +' !
!
`#&' 61!] (1#3' ?4^1:V:!
D&&5&)(3)!^%#4' &&#%#4!] ' 21(352(*!G3+53' ' %53+!
_K4] K4(38!^1V!01' !^' 33&?*7(35(!K)() ' !J357' %&5)?!
!
G*50(=')1!H:!] ()' #4^1:V:!!
D&()' !^%#4' &&#%#4!^&?21#*#+?!!
_AD!K)() ' !J357' %&5)?!#4! ' @!L#%B!()!_53+1(9)#3!
_K!J357' %&5)?!#4!Q%' +#3!
] G84] K4^1V!E' 15+1!J357' %&5)?!
!
v()1%?3!E:!] 2"" #%84G8:V:!!
D&&5&)(3)!^%#4' &&#%#4!G8\$2()5#3!!

H#&' 9(%?!":!] 2A' ' <] :G8:!!
;3&)%\$2)#%#4!"%953(*! \$&)52' !!
_K!01' !^' 33&?^7(35(!K)() ' !J357' %&5)?!
] G8!E' 15+1!J357' %&5)?!
!
D3)#3' **(!] ' %%#** (<] D!!
;3&)%\$2)#%#4!K6(35&1!!
_D!;99(2\$(())('' #**' + ' !!
] D!] 588** =\$(?!"#"**' + ' !
!
`' 3354' %!#* (3!] 521(*5B<]]] !!
D&&5&)(3)!^%#4' &&#%#4!] \$&52!!
_] !] 5215+(3!K)() ' !J357' %&5)?!!
]] !! #%)1@' &)' %3!J357' %&5)?!
!
"1%?&)53' !] 5)21' **<

"(%?!H(96d] KI !!
^%#4' &(*!K6' 25(*5&!#4!! \$%&53+!!
] KI d_KI !M(*8' 3!J357' %&5)?!
!
^')' %H(96d] D!
D&(!^%#4' &&#%#4!W%(6152!D%)!!
_DIH1#8' !;&*(38!K21##*!#4!V' &5+3!!
] D!#%#1!" (%#*53(!K() ' !J357' %&5)?!
!
G%52!H' 2B)' 3@(*8d^1:V:!!
D&&5&)(3)!^%#4' &&#%#4!_5##+?!
_Kd^1V!0' 96*' !J357' %&5)?!
!

!
E\$2538(!K21('44' %4] :G8:!!
;3&)%\$2)#%#4!G8\$2()5#3!
_K!K1566' 3&=\$%+!J357' %&5)?!#4!^' 33&?*7(35(!
] GV!D*7' %35(!J357' %&5)?!
!
0%(2?!A:!K21' 5% ' %4^1:V!!
D&()' !^%#4' &&#%#4! \$%&53+!!
_K!D*=%5+1)! "#**' +' !

K) (25!K5*(%V^0!
D&&5&)(3)!^%#4' &&#%#4!^1?&52(*!01' %(6?!
_KIE'=(3#3!F (** ?!"#*** +' !!
V^0!M58' 3' %!J357' %&5)?!
!
`#&1\$(!K95)1^1:V:!
D&&5&)(3)!^%#4' &&#%#4!"' 1' 95&)%?!
_K!"*(%#3!J357' %&5)?!
^1V!J357' %&5)?!#4!A*#%58(!
!
v(%' 3!K6#3(+* <] KI !
^%#4' &&5#3(*K6' 25(*5&!#4!| \$%&53+!
_KI <J357' %&5)?!#4!V' *(@(%' !
] KI !D*7' %35(!J357' %&5)?!
!
D*525(!K6%#@<^1:V:!
D&&5&)(3)!^%#4' &&#%#4!U' (*)12(%' !K25' 32' !
_DIK() !J357' %&5)?!#4!| ' @!L#%B!!
] G8!E' 15+1!J357' %&5)?!
] G8<^1:V:!D*7' %35(!J357' %&5)?!
!
K6' 32' %!K:!K)#=' %<G8:V:!!
^%#4' &&#%#4!_5#*#+?!
_KG8<] K!] 5**' %&75** !J357' %&5)?!
G8V!0' 96** !J357' %&5)?!

!
` (3353' !0(5).V#3*(3<] KI !!
;3&)%\$2)#%#4!| \$%&53+!
_KI !D*7' %35(!J357' %&5)?!!
] KI !D*7' %35(!J357' %&5)?!
!
v(%' 3!K:!01(2B' %<^1:V:!!
^%#4' &&#%#4!| \$%&53+!!
_KI !] (%&1 (**!J357' %&5)?!!
] KI !M' &)!F%+535(!J357' %&5)?!!
^1V!M58' 3' %!J357' %&5)?!
!
D9?! :!01#9(&<Q0V!
D&()' !^%#4' &&#%#4!Q22\$6()5#3(*!01' %(6?!
_K!M' &)! "1' &)' %!J357' %&5)?!#4!^' 33&*7(35(!
] KQ0!D*7' %35(!J357' %&5)?!!
Q0V!" 1()1(9!J357' %&5)?!
!
I ()1(3!01#9(&<^1:V:!!
^%#4' &&#%#4!01' ()' %!
_D!" 3)(*!K)() !J357' %&5)?!#4!QB*(1#9(!
] D<^1V!] 5215+(3!K)() !J357' %&5)?!
!
] (%25(!01#96<V^0!!
D&()' !^%#4' &&#%#4!^1?&52(*!01' %(6?!
_K^0!H\$&&' **!K(+ '!' #**' + ' !!
V^0!J357' %&5)?!#4!1' !^ (25452!
!!
O\$4(3!05+*5#+*\$<^1:V:!!
D&()' !^%#4' &&#%#4!_ \$&53' &&!
_K!;&)(3=\$*!0' 21352(*!J357' %&5)?!!
] D<^1V!0' P(&!0' 21!J357' %&5)?!
!
^(9' *(!W:!J3+' %<V^0!
D&&5&)(3)!^%#4' &&#%#4!^1?&52(*!01' %(6?!
_K!J357' %&5)?!#4!^' 33&*7(35(!
V^0!K)5**!J357' %&5)?!#4!U' (*)1!K25' 32' &!
!
D3)1#3?!F (>8(<^1V!
D&&5&)(3)!^%#4' &&#%#4!^%#4' &&5#3(*!' #3&' *53+!
_D!J357' %&5)?!#4!V' *(@(%' !
] D!E(!K(**!J357' %&5)?!
^1V!Q*8!V#9535#3!J357' %&5)?!
!
!

H#=53!a(6653!G8:V:!
D&&5&(3)!^%#4' &&#%#4!^1?&52(*!01' %(6?!
K!#&)#3!J357' %&5)?!
] D!I ' @!L#%B!J357' %&5)?!
G8V!0' (21' %&!'' #*** '+' !z!'' #*\$9=5(!J357' %&5)?!
!
] (*+##%0()(!:!a\$=' %!^1:V:!
D&(!^%#4' &&#%#4!''%5953(*! \$&)52' !
_D!K@5')#B%0?&B5!'' #*** '+' !53!v5' *22!<^#*(38!

G** 3!] :!G3+** %<] :K:G8:!!
^%#4' &&#%G9' %5)(!#4!G8\$2()5#3!!
D_!;99(2\$(!)!"#**+'!
] KG8!0' 96** !J357' %&5)?!
!
K%:!E#5&!D33!A(*#3+<!QKA!!
^%#4' &&#%G9' %5)(!#4!I \$%&53+!!
_KI !!"#**+'!] 5&' %52#%85(!
!
E#\$5&' !A\$%(<!VI ^!
^%#4' &&#%G9' %5)(!#4!I \$%&53+!
_KI !V' !K(* &!J357' %&5)?!
] KI !J357' %&5)?!#4!^' 33&*7(35(!
VI ^!" (&!M' &)' %3!H' &' %7' !J357' %&5)?!
!
E#\$5&' !W%59<] :K:G8:!!
^%#4' &&#%G9' %5)(!#4!^1?&52(*!01' %(6?!
_D!] 2W5**!J357' %&5)?!!
] KG8!0' 96** !J357' %&5)?!
!
G8+(%& :!U(%)\$3+p<!V!
^%#4' &&#%G9' %5)(!#4!"%5953(*! \$&)52' !!
_K!H5#!W%(38' !!"#**+'!
] D!K(9!U#\$&)#3!K() !J357' %&5)?!!
`V!"** 7' *(38!K)() !J357' %&5)?!
!
K%:!] :!] '%2?*** !W%0' &0B5' @520p<!QKA!
^%#4' &&#%G9' %5)(!#4!] \$&52!!
_] !!"#**+'!] 5&' %52#%85(!
]] G!I #%)1!0' P(&!K)() !J357' %&5)?!
!

H521(%8!E(@^1:V:!!
^%#4' &&#%G9' %5)(!#4!G3+*5&1!
_K!M' &!)! '1' &' %!K() '!' #*** + ' !!
] D!E' 15+1!J357' %&5)?!
^1V!O' 96** !J357' %&5)?!
!
`#(3!] :!E' @5&d^1:V:dDK" M!!
^%#4' &&#%G9' %5)(!#4!K#25(*!M#%B!!
] KM!O' 96** !J357' %&5)?!
_D^1V^1] (%?@##8!J357' %&5)?!
!
K%:] :! (253)(!H' &6#38#@&B(dQKA!!
^%#4' &&#%G9' %5)(!#4!^15*#=?!!
_DIG99(3\$*!' #*** + ' !
] D^1V!V\$N\$' &3' !J357' %&5)?!
!
`#13!H#21#@520^!G8:V:!!
^%#4' &&#%G9' %5)(!#4!] ()1' 9()52&j^1?&52&!
_K!D*=%5+1)! " #*** + ' !
] K<G8V!E' 15+1!J357' %&5)?!
!
] (%?!_!K21%' 53' %^1:V:!!
^%#4' &&#%G9' %5)(!#4!G8\$2()5#3!!
_K^1] G8!K*566' %?!H#2B!J357' %&5)?!!
00462-1(6)-1(' %?!)-1(H#2B!)-1(J)1(3)TcTq0.281(3)TcTq0.' -1(?!-1(?!q0.24?-1(!)71(!)] -1(?!)] TJ1(!)] 1(5H#2)-1(!..

LMLLGLMLN!(; (AB" 3; !; (JB- A(C!

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<(JJ!LMLL!

""(&&' &!=' +53!hV(?<] #8!R<uW%(8i!	!	!	!	!	!	!	!	D\$+!, ,!
E(&!)8(?!)#!(88j8%#6!hV(?<] #8!R<uW%(8i!	!	!	!	!	!	!	!	D\$+!, S!
E(&!)8(?!)#!@5)18%(@!@5)1#)\$!A!z!] #8!R!!	!	!	!	!	!	!	!	K' 6)!Rk!
A' (&!)#4!K):!A%(325&!#=#&' %7' 8!z!3#!2*(&&' &!	!	!	!	!	!	!	!	K' 6)!/-!!
h3#!2*(&&' &!V(?!K!)!2*(&&' &!53!&' &&5#3!!								
] #8!R!' 38&! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	Q2)!R, !
] #8!, !&)(%)&! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	Q2)!R/!
E(&!)8(?!)#!(88j8%#6!] #8!, ! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	Q2)!, -!
^%' .%' +5&)(5#3!4#%K6%53+! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	Q2)!, klz, T!
E(&!)8(?!)#!@5)18%(@!@5)1#)\$!A!hV(?!u!W%(8i!	!	!	!	!	!	!	!	Q2)!, d!
E(&!)8(?!)#!MjV!] #8!, !! ! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	I #7!T!
D**!V(?<G7' <] #8<u!W%(8!2*(&&' &!53!&' &&5#3!	!	!	!	!	!	!	!	I #7!, /!
01(3B&+5753+!U#*58(?&! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	I #7!, k., e!
""(&&' &!%' &\$9' !! ! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	I #7!, d!
] #8!, !' 38&! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	V' 2!R!
E(&!)2*(&&!)8(?!hV(?!u!W%(8i!	!	!	!	!	!	!	!	V' 2!, !
K)\$8?!V(?! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	V' 2!T!
A53(*! P(953)5#3&!h8(?! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	V' 2!c.S!

!

!

A#%!2*(&&' &!)1()!8#!3#)!9' ')!' 7' %?!@' ' B!#4!)1' !&' &&5#3C!!
D88jV%#6!' 38&!=' 4#%' !)!1' !, 38!2*(&&!
MjV!@5)1#)\$!(3!A!=' 4#%' !)!1' !/%8!2*(&&!

!

!

53- =BC!LMLN!

M53)' %9!&' 2)5#3&!=' +53!#3!#%!(4)' %!	!	!	!	!	!	!	!	V' 2!R, !
E(&!)8(?!)#!(88j8%#6! ! ! ! ! ! ! ! ! ! !	!	!	!	!	!	!	!	V' 2!Rc!
E(&!)8(?!)#!MjV!@5)1#)\$!A!	!	!	!	!	!	!	!	`(3!/!
E(&!)8(?!M53)' %9!	!	!	!	!	!	!	!	`(3!R/!

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8>" " BC!LMLN!

K' 9' &)' %!]	#8!c!u!]	#8!D!=' +53&! !	!	!	!	!	!	!	!	!]	(?!Rc!
E(&!8(?!)#!(88j8%#6!]	#8!D!	!	!	!	!	!	!	!	!	!]	(?!Re!
E(&!8(?!)#!(88j8%#6!K' 9' &)' %!u!]	#8!c!	!	!	!	!	!	!	!	!	!]	(?!,,!
] ' 9#%#(*!V(?!U#*58(?! !	!	!	!	!	!	!	!	!	!	!]	(?!S!
""(&&' &!%' &\$9' !!	!	!	!	!	!	!	!	!	!	!]	(?!/-!
E(&!8(?!)#!MjV!]	#8!D!!	!	!	!	!	!	!	!	!	!]	(?!e!
] #8!D!' 38&!	!	!	!	!	!	!	!	!	!	!]	`\$3' !,!
E(&!8(?!)#!MjV!@5)1#)\$!A!..!]	#8!c!	!	!	!	!	!	!	!	!	!	]	`\$3' !T!
] #8!_!&)(%)&!	!	!	!	!	!	!	!	!	!	!	]	`\$3' !c!
E(&!8(?!)#!(88j8%#6!..!]	#8!_!	!	!	!	!	!	!	!	!	!	]	`\$3' !e!
E(&!8(?!)#!MjV!@5)1#)\$!A!..!]	#8!_!	!	!	!	!	!	!	!	!	!	]	`\$3' !Re!
E(&!8(?!)#!MjV!@5)1#)\$!A!z!K' 9' &)' %!	!	!	!	!	!	!	!	!	!	!	]	`\$3' !/-!
] #8!_!' 38&!	!	!	!	!	!	!	!	!	!	!	]	`\$3' !, /!
] #8!c!' 38&!	!	!	!	!	!	!	!	!	!	!	]	`\$3' !e!
] #8!e!&)(%)&!	!	!	!	!	!	!	!	!	!	!	]	`\$3' !R-!
k)1!#4!' \$*?!U#*58(?!Q=&' %7' 8.13#!2*(&&' &!!	!	!	!	!	!	!	!	!	!	!	]	`\$3' !k!
E(&!8(?!)#!(88j8%#6!]	#8!e!	!	!	!	!	!	!	!	!	!	]	`\$3' !RT!
E(&!8(?!)#!MjV!@5)1#)\$!A!]	#8!e!	!	!	!	!	!	!	!	!	!]	D\$+&!)R!
] #8!e!' 38&!	!	!	!	!	!	!	!	!	!	!]	D\$+!Rd!
K' 9' &)' %! 38&!	!	!	!	!	!	!	!	!	!	!]	D\$+!Rd!

!

A#%!2*(&&' &!1()!8#!3#)!9' ')!' 7' %?!@' ' B!#4!)1' !&' &&5#3C!!

D88jV%#6!' 38&!= ' 4#%' !)1' !, 38!2*(&&

MjV!@5)1#)\$!(3!A!= ' 4#%' !)1' !/%8!2*(&&!

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k--!K(53)!_ '%3(%853' !K)!-!H' (853+!^D!RSe-T!R.ddd.DEFGHI ;D!-!eR-.TS-, dT/!-!(^7' %35(:' 8\$!



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