

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

-.&"/0"12)%'#

!"#\$%"&'(#)*+,-."#("\$+/0".(1#\$+,, "#2%&#)&&%(#3"%4".#52/3#%3*()3(#6#&2)/(. "7#8)

&%" /#5"#3"%4"1#\$2"*(# /3"#93"#:&/%"#;.+%5"#</%#(+,-)%(*)3*#."&=\$>"1#:.+?"()3(#**"#

4+/@ "&" @ " *#6#,+%A&" *#* /.#&"#* #&7

B+/.#C%,#E> F?%1#</%#(.)0)%&&)%(\$+,, "#A."/.#5F#/#*#5)3*#&"#</).A".#5"#

&#B+.("#528(1#\$"#?+/.#')%(#&"#:& /*#\$>)32%8#>%(#\$+33/#5":/%*#&+34(", : *7#1+/(#

)0)%(#\$+,, "3\$'#&"#,)A31#&+.*2%&#)\$ \$+,:)43)#&)5)," !K#5"#&#,) %*+235;)"\$"#

?/*</26&#)&%43"#5"#(. ,L)M1#0%*%-&,"3(#: +/.#"3(. ."#3#0%&&"#N,O,"#*%1#

(" \$>3%</,"3(1#2()%(#"3\$+."#2#3('." /.#5**#.",:).(*P7#G3*/%("1#5)3*#2.#5"#

(.+ /0".#52/ (. " *#\$&% "3(*1#%&#')%(#." ('# :2Q(55/8(. ,1#&)3R)3(#5"*#."4).5*#

.. " * </ " *#/: :& %)3(*#6#\$>)</ "#:)**)4".#</%#"3#5"*\$ "35)% (7#S%3)&,"3(1# /3#>+,, "#

00(/#6#&2+\$ \$%5B(#3#5+/("#/3#"3"*%43)3T(#&/%#5",)35)#5"#&"#\$+35/%."#6#

&2\$+&"#I+344L)34#N P1#" (#C%,#)\$ \$":()#)0"\$#?+% "7

U)43)#(. "3("#?" +3#* /.#&)#:. ,%Q."#\$+/. "*"#" (\$%3</)3("#?" +3#* /.#&)#3\$+35"#

*+,,"#:.+," @ / " *# :+ / .#*%#(V(#5)3*#&)#?+/.3"7#G3#0'.%('1#&#)\$>)3\$"#&/%#*+/.%)%(7#

W":/%*#:.Q*#5"#5%H#?+ Õ)0#%8#3A</,"3(#:)*#0/#&)#\$+ /& /.#5 Õ& "3(7#X&+.*1#

</)35#5"*#:#6" *#5"#5%H#?" +3#+/#:).;+%*#5"# \$%3<#?" +3#A3()%"3(#5)3*#)#:.) /,"1#%&#"3

)0)%(#:. " * </ "#&"*#&).,"*#)/H#M"/H7#B&\$%"/H#"3\$+."1#&"*#<R%34(*#?" +3#5+3(#%&#

5%*:+)6# ' **3(#&/%#*",-&)%"3(#%3"A,)-&"*7#X0"\$#\$&)1#%6#:#\$0)%&##
4+.4"#5/3#0".."#5"#0%3#5"#.%Y#-+3#1)#\$%&#&"#*+/>)2#())%(*#*/.(+/1#%&#:#+/0)%(#
)\$>(".#/3#-+!"#\$%#%&'(%&#*+/:#50+*#5"# /;P#:#+/.#*)#;,,#,#,&)5"7 #
\\#;,,#(#+/**)%(#5":/%*#&/*#5/3#,#+*%7#D+,,#%&0%0)"3(#*+/0"3(#Q"#:)*#
5"#</+/%#::)".#/3#4./)/#5"#,%&&"(1#0&)%2(#0%5",,"3(#:)*#</"*A+3#5"#
, ' 5%\$),"3(7#1"\$>3%</,"3(1#%&#)/.)%(#:/#*+/%&&"#:#+/.#)\$>(".#/3"#+/#5"/H#
5+***1#,)%)#%0&#;,,#,"3(#\$+30)%3\$/#<0/3"#;+%*#0+3#1!;)%(#;/%#/3"#,&)5%"#
6#\$+/:*#5"#.,Q5"*1#\$88%#M#:"35#4+](#(("#.0%"3(#*)3*#\$***"7#V%0)3(#\$"#:.%3\$%:"#
:."*+33"&1#%&0%0)%2(#?),)%*#",,"3"##\$>"Y#&"#,5"\$%31#*%#-0/3#4%43+.)%(#(+/(#
5"#*)#,&)5%"7#8)%*#6#&)#0+%#5"*+.,)%*#\$+/\$>"#6#:&)(#5+*1#%3\$):)-&"#5"#*#(+/3".1
'()%(\$&)%#</"#\$&)"#;:%.)%(7#0#()%&#)44.)0#3"#5%Y3%5"#?+/:*#&/%(1#
).. Q#<0"&&"#"/(#,)#34 5/#,%&&"(#,)\$%#(#</%#&/%#)0)%(\$\$)/*#/#3"##"0Q."
\$+3*A:)A+37#^#\$"#,+,,"3(61#C%,#)0)%(#93)&,"3(#:/#*#"#:.+\$/.".#/3#:#/#52).4"3(1#
)\$>(".#3#:"A(#*)\$#5"#,%&&"(#(/#3#;)4+((#5"#-+%*#6#-)*#:.%H7#\"&+\$#@*#5%."*1#J
-+33" F6F%"31#:)3%</"20%2(#;)%(#-+/%&&%#5)3*#/3"#,7#6#(;"#/'()%(#;)%-&"1#
"&&"#'()%(#:."***"1#("#&"#,,%&&"(#32)0)%(#:)*#-%"3#\$/%\$7#0#5)3"1#J,, !K#
)0)%(#*)%*%#5"#:&"%3"*#:#+43"*#5"#,%&&"(#("#&"#)0)%(#"3;+/.3"*#5)3*#)#-+/\$>"1#
\$+,,#*%#&#&"#\$.)%43)23#0%"33"#&"#&/%#)..)\$>.7#G&&"#)0)%(\$2603/#?#* </
&"#*?+/"*#4+3_""*#\$+,,#5"*#:#+34*7#!"*+%.#O,"1#"&&"#4",#&8%#)0)%(#,8)#6#
:+%(.%3"1#*#"#3()%(#+:..***"1#(#+/&)%(#5"*#M/H#\$+,,#"3#:&"#3"#\$.%*7
S/./"/H1#C%,#)0)%(#&#&.&'

J!a+3#*)341#;," , " !b#l/#(+,-"*#,&)5"#</)35#(/#3"#,&)34"*#:)1#"(#(/#(+,-"*#

"3\$+."#,&)5"#</)35#(/#,&)34"* !b#c/2*(F"#</"#?"#*/%*#\$"3*'#,&)5#e/0."#5+3\$#&"*#

M"/HdK#

U&#)0)%(#4%_'#&)#?+/"#5"#*)#;," , "1#</%#4"%43)%(1#)&&+34"#6#""*#:%"5*7#G&&"#)0)%

"3(.+/0".(#/3#:"/#:&/*#&"*#M"/H1#,&)%*#5"*#&).,*#M#-.%&&Q(2(7#G(#C%,1#&/%#

)/**%1#*"3A(#**"#M"/H#&"##]&".7

B+/.())3(1#,&,"#5)3*#\$"('#')((1#"&&Q(6)%(#:)*)#:".5/#Q):: ' A(7#W":/%*#(.+%*#?+/.*1#

"&&"#*/::&%)%(#*+3#,&).%#5"#&/%#.)::+.(."#/3#:"/#5"#-+/%#&&+3#&"/7&

J!D"@#,&)/5%("#;," , " !b#l/#3"#*/::+.("*#,&,"#:)*)#&"#4./)/#5"#,%&&"#(("#(/#0"/H#5/#

!"#\$%"#&'(%&Q(5)*(:+/.#."(+,-".#,&)5" #+/(#5"#*/%("#)Q!d!K#

U&#)0)%(#*"+,33"#)%3*%1#,&)%*#)/#;+35#5"#&/%1#&"#;)%(#5"#3"#:)*#:+/0+%#&"#&/%#)

&"#.+34")%(7

W"*+.,)%*1#%&&"#:+/0)%(#"3937#U&#:+/..)%(#,&,"#\$>("."#5"#&#-+/%&&"#:+/.#&"/.9

(.+%*#)3*1#f)"@+341#</%#:&"/.)%(#5"#;)%#,:.Q*#5"#*)#,&,"#,&)507#3A(*#?"#3#

"3#:+\$>"1#C%,#E>F?%#*"#*3(6%Q)%*1#:. "*</"#.%\$#"7

8)%*#*)#\$>)3\$"#3Q)*. Q)#:)*)#&7#X&+.*Q/Q/**/M)%(#&)#*/"/.#"(#&)#:&/%"#*/.#&)#

3/</"#)0"\$#/3#\$>%g+3#*)%3"#5%43Q(3."#)::"&' #3"#*".0%"@"1#"(Q%&#

Q):: Q)%6#+.A.#5"#Q3\$"%3("#5"#Q\$+&"1#/3"#0+Q#B(&:"&)#+/5)%3#F).

5"..%Q"!#

J!B+/**" F+/**" !dK#

C%,#*2%,,+-%&%*)#"(1#"3#*"#.(+/.)3(1#):".R/(#/3#&Q0"#5"#\$"@#"#,O,"#\$+&"#</%#
)\$\$+/.)(7#"#?"/3"#4).R+3#8)8R)

J!D+,-%"3#?/*<26&)#4)."#5"#h),5)",/3 !d!K#

D2'()%(#*)3*#5+/(#"#3#:"3*%+33)%."#</%#."3(.)%(\$>"Y#&/%#:#+/.#&"*#0)\$)3\$"*#52>%0".7
)0)%(#5]#:.0+%.#5"#:).A.#\$"#8.61#,)%"*#3(."#&#:#&/%"#"(#"*#-4)4"*1#%"#*)0)%(#:)*#
\$+,,3(#;)%."7#B/%*#%&#)0)%(#0/#C%,1#\$+/.)3(#*+/*#&#:#&/%"1#\$>#6#55,"%#/#&%"
/*"#*(#0O(/#52/3#>)-%(#+\$\$%5"3()&#&%, '7

J!/#0"/H#)&&".#6#&)#4)."#5"#h),5)",/d!K#

C%,#>'*%()#/3#%3*()3(7#D.P%&35%#;)%."#/3#*%#&+34#(.)?("#*+/*#&#:#&/%"#*)3*#
:..+("\$A+3!d#e/#')%P%'?6#*)A*;)%(#5"2\$&#)0)%(#4)43'&#"d#A331#:)*)5/#
(+/(7#D'()%(#:#&/V(#/3#&'4".#"3A,"3(#5"#\$.)%3("5"0)3(#)3(#5"#\$>)3\$"*#+/5)%3"7#W"#
:&/*1#%&#*+34")%(#6#&)#5"),35,"#5#\$")#)A3 F&67#c/)35#&)#0+%Ö)03#&
)::"&'1#*)#;,"# T #&#"0%*)4\$>).3'1#&"*#M"/H#\$+,,#5".3%".#."_(#5"#0%"1#4.)35*#
"(\$)0"*# #Ö)0)%(#."4).5'#5/3#)%.#*/::&%)8(7

J!h"#*+.*#:)#)?+/.5Ö>/%7#i#"(#6#&#),)%*+31#?"#*/%*#(!K##,)&

X0)%7&&"#,./,/'1#&#."*:%.)A+3#.=:"/*7#\3*#M#:.O(".#)@"3A+31#C%,#)0)%(#
.:&%</'!#

J!a+3#*)341#;,"#,1#(/#5'&%!d#%#?"#."*("#&61#</%#0)#3+!d!K#+/.%.

U&#)0)%(#-+35%#:#+/.#:).A.1#,)%"*#"&&"#)0)%(#)4%('#;)%-&,"3(#&"#-.)*1#\$+,,#:#+/.#&"#

."("3%#

J!h"#:).*#:) * j #/#."0%"3*#0%("1#*%#(/#5+p/K#M#)&&".

G&&Ō%(#)::"&5Ō/3"#0+%!#34&"#()35%*#Ō%Ō#&+%43#%7

^#:.!*"3(1#"3("35)3(#Ō &Ō"#&/%#5",)35".Ō)&&".#?/*Ō#)."1#C%,#."0%("#3#

:"3* ' "#&"*#,) %3*#(."-&)3("5"#*)#;,"1#"**#4.)35*#