

! "#\$%&'(#)*+,-. #&*%(&/0' 1%#%2' 34546"74-' 849%' .#&:"7;"(%0&2+70:4-') :4<4&5=&'\$"70%-'(#)*+,>

!2,' 5&/,' ?"2+94,' @&70+' A"@0%0+' :5&70&' 7' :45%' A45,0+' B&2+7"/4' C4/(&2=-' :=(4DE&\$"7,' 5%#"' :"\$"' 2%(-' 4F0%:%704' %' "?#4*G4' (2,' A" (#4<4/% ,H'

I' ?24\$(4#D' J"/(' B&2+7"/4' C4/(&2=*4'K0)' :"*5" </"70+'%':=7"F" G/D' &\$"' #4?'0)' A"' 7";#4/&/%D' &\$"' %(&LH' I' 04F<&' :=#4<4D' 7:' "% \$2)?"@4L9%&' 7"?2&*/":4/%,' 7&5+&' C4/(&2='%' A#4:%0&2+70:)' %' /4#'() M</"L'N6#%F%':7:,*%7'?&*:#&5&//"L'F"/@%/"L'A"724'0%/(% 'C4/(&2=':' /4@42&'K0'L' /&(&2%H' !4')A"F"%07,'&&'()94'7'5%#"'5H'

C /&'A"7@4702%:%2"7+' :70#&0%0+7,'7'B&2+7"/"5' C4/(&2"L' /&7F"2+F" #4*H' I' /%F"\$ (4' /&'*4?) ()&\$"'5) (#"70+-#&9%5"70+'%7"70#4(4/%&-'F"0"#=5%' ?=2%'A#" /%*4/=':7&'&\$"'72":4%'A"70)AF%H'

8'4:\$)70&'A#"92"\$"\$" (4,'A"7&0%2'F45&#)'C4(%?='/4""70#" :&'3"??&/H' I' 70",2' 045-' \$2,(,' 7F:"*+' #&9&0F)-' :/'+' A"0#,7&/=L' &\$"' "\$#"5/"L' :/)0#&/&L'7%2"L'%'?&*\$#4/%@/=5'5)<&70:"5H' B&2+7"/' C4/(&24' A#" :&2:' 0D#+5&'PQ'2&0-'RS'%*'/%;' T' /4""70#" :&'3"??&/H' B""' /%F"\$ (4' /&'A"*:2,2' K0"5)"A=0)' :*,0+' :&#; /4(' /%5' %2%'&\$"'<%*'+D'H'

B&2+7"/' C4/(&24' A" (/ ,27,' :=9&' 7:"% ;' /4(%#40&2&L-' "7:"?" (% : ' 5%22%" /=' D</"46#%F4/G&:' %' 704:' :7&?"E%5' %70"@/F"5' :(" ;' /%&/% ,%' :=(4DE%57,'@&2":&F"5' /49&\$"' :#&5&/%H'

U/'A"7: ,0%2'7:"D'<%*'+?' "#+?&'7'/:&/70:"5-'F"0"#&' :A"72&(/&%' (&7,0%2&0%,' ("70%\$2"'F#%0%&&7F% ;'547904?" :': :7&5'5%#&'%'A#&(704:2,&0' #470)E)D')\$#"*' (2,' /49&\$"'?) ()E&\$"'H'

1&\$" (/ ,-' : (&/+' #"<(&/%,' C4(%?=-' ,?) ()'\$" : "#%0+' "'0"5-'@0"'5=' 5"<&5' A#&(A#%/ ,0+' (2,' #&9&/% ,' 5/"\$"@72&/ /=;' :*4%5")7%2%:4DE% ;' A#" ?2&5-' 7:,*4// =;' 7' /:&/70:"5-' A#&<(&' @&5' "/%' #4*#)940' /49)' KF"/"5%F)'%'?"E&70:"H'

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

VWXYZ[R \ /4\$2, (/ "%22D70#%#)&0'K0)' /&7A#4:&(2%:"70+H'

C%#'/4;"(%07,' :75,0&/%#%H']F"/"5%F4' T' :7:"?" (/ "5'A4(&/%#H'

C = "F4*42%7+'A"704:2&/=' /4'F"2&/%HHH'5%F#"7F" A@&7F%5' :%#)7"5H'

.4/(&5%,'A"74*424';#)AF"70+' /49&\$"'5%#4H'

U/4' "?/4<%24' #%7F%- 'F"0"#=&' 5=' %\$/"#%#" :42%' /4' A#"0, <&/%%' (&7,0%2&0%L^ 724?=&' 7%70&5=' * (#4:"";#4/&/% ,_ 'A#" ?&2=' : '7"G%42+/"L' *4E%0&'70#)F0)#/'&' /:&/70:"_'); (9&/%&'7"70" , /% ,'"F#)<4DE&L'7#&(&=_ 'F2%540%&&7F%L'F#%*%7H'

'''''''''' `&2=&#&\$%"/=-('?:9%&7,'A#"\$#&774':('&2&'%7F"#&/&/%, '/%E&0='%
7"F#4E&/%, '/:&/70:4-'*4' /&7F"2+F"' 5&7,G&:'?=2%' "0?#" 9&/=' /4*4(' /4'
\$" (=H'

'''''''''' 8%#)7'A#&(704:2,&0'/4%'2+9)D'"A47/"70+(2,'745=;'),*:%5=;'^(2,'
0&;-' F0"' <:%&0' :'/%E&0&-' (2,' A"<%2=;' 2D(&L-' 4' 04F<&' (2,' 2D(&L' 7'
%/ :42% (/ "70+D'%')<&'%5&DE%5%7,'*4?"2&:4/% ,5%H'

'''''''''' C&(%G%/7F%&'#4?"0/%F%' /4;" (,07,' /4'A&#&(/&5'F#4&'?"#+=-%'0"2+F"
: 'M</"L'N6#%F&'@%72"'%/6%G%#":4//=';7#&(%' /%;'7"704:2,&0?'2&&'abbb'
&&2":&F#I'"0(4D0'5'("2</"&H'

'''''''''' 8' /&F"0"#=;' 70#4/4;' /:&/70:"' :' "?2470%' *(#4:"";#4/&/%, '
)7)\$)?2,&07,' 0&5-' @0"' @470/=&' ?"2+/%G=-' 4' 04F<&' A#&(A#%,0%, ' %' (4<&
"0(&2+/=&' 2%G4' *4?%#4D0' 7&?&' ?&7G&/"&' "?"#)(" :4/%&-' F"0"#"&' 7#@" /"
/&"?;" (%5 "'F4<("5)H']0"0#4\$%&&7F%L'A#%5&#'/:&/70:4H''

'''''''''']F"/"5%&7F%&' A"72&(70:%,' A4/(&5%%' 7F4*=:4D07,' /4' 0&;-' F0"
#4?"04&0' :'/&6"#542+/"5' 7&F0"#&' KF"/"5%F%_ /4' 542=;' %' 7#&(/%;'
A#&(A#%,0%, ;_%' /4"7)E&70:2,DE%;');" ('2%G4;-?'2+9%/70:"'%*F"0"#=;' '
7"704:2,D0'<&/E%/ =H'

'''''''''' C='70"2F/)2%7+'7'745"L'\$2)?"F"L'\$2"?42+/"L'#&G&77%&L'7"' :#&5&/'

'''''''''' h4F%5' "?#4*"5-' /:&/70:"' 72)<%0' A"5&;"L' (2,' #4*:%0%,' @&2":&@&7F"\$" A"0&/G%424' F4<("\$"' %*' /47H' C=' :7&' 70#4(4&5' "0' &\$"' A"72&(70:%LH'

'''''''''' 8=7"F%L')#":&/+' /:&/70:4' 7:,*4/' 7' KF"/"5%&7F"L' /&704?%2+/"70+D-' F"##)AG%&L-' 6%/4/7":=5%' F#%*%745%- ' #"70"5' A#&70)A/"70%'724?=5'6%*%&7F%5%'A7%;%&7F%5'*("#":+&5H'

'''''''''' !2,'5/"\$%;-"7"?&/"'(2,'F"#&//=;' /4#" (":'5%\$#4/0" :-'?&<&/G&:'%#4*2%@/=;' 5&/+9%/70:-' /:&/70:"' "*" /4@4&0' (%7F#%5%/4G%D-' *2")A"0#&?2&/%,' %' "07)070:%&' ("70)A4' F' A#4:"7)(%DH' h4F"&' /:&/70:"' ,:2,&07,'A#,5=5'A"7,\$40&2+70:"5'/4'A#4:4'@&2":&F4H'

'''''''''' . "K0"5)' /4' A#"0,<&/%%':7&L'%70"##%'?"#+?4'7' /:&/70:"5'?=24' (:%<)E&L'7%2"L'7"G%42+/"L'7A#4:&(2%:"70%-0#)("=:;'A#4:'% '\$&/(&#/"\$"' #4:&/70:4H'

'''''''''' 8% (&/%&'%"?&E4/%&'U#\$4/%*4G%'U?d&(% /& / /=;'B4G%L'*4F2D@4D07,' : ' 0"5-' @0"' A%04/%&-' *(#4:"";#4/&/%&-' :("7/4?<&/%&' %' 74/%04#%,-' "?#4*":4/%&-' ("70"L/4,' #4?"04' %' 7"G%42+/"&' "?&7A&@&/%&' ,:2,D07,' /&' 0":4#45%' (2,' A#" (4<% 0&5-' F0" 5 "<&0' 7&?&' %;' A"*:"2%0+-' 4' "7/" :/=5%' A#4:45%'@&2":&F4-'F"0"#=&'A"24\$4D07,' :7&5' /45H'

,

'''''''''')7042%' '0' /:&/70:4' %' (%7F#%5%/4G%%-' /4' "7/" :4/%%' F"0"#L' F'
2D(,5'"0/"7,07,'F4F'F'A#&70)A/%F45'%*[*4'%;'G:&04'F" <%_'
'''''''''')7042%' '0'70#)F0)#/"\$"#47%*54%'7%70&540%&7F"L' /&7A#4:&(2%:"70%-'
F"0"#=#&'2%94D0'2D(&L%' ;'"7/" :/=;'A#4:'@&2":&F4H'
'''''''''']0%' (: %<&/%,')F4*=:4D0'/4'(:4'70"#%&7F%;'70"@/%F4'/:&/70:4'
:/49&5'5%#&^F"2"/%42%*5%'A40#%4#;40H'
'''''''''' 12"?42+/=L' 1&:#-': '@470/"70%'5"L'#" (/ "L'&:#"A&L7F%L'F"/0%/&/0-'
/4'A#"0,<&/%%':&F":'/474<(42'F"2"/%42+/"&')A#4:2%/%%&:"'5/"\$%;'70#4/4;'
\$2"?42+/"\$"'M\$4'A)0&5'/47%2%,%'A#%/)<(&/%,H'
'''''''''' m"2"/%42%*5'A"#" (%2'"\$#"5"/" :&/70:"' :/)0#%'70#4/'%'5&<()'
/%5%-': '0"5' @%72&')<47=' 0#4/74024/0%&7F"L' #4?"0"#\$:2%' #' #&<%54'
4A4#0&% (4'*(&7+-': 'M</"L'N6#%F&H'
'''''''''' 1"* (4/%&'U#\$4/%*4G%%'U?d&(%&/&/=;'B4G%L'A"72&'80"#L'5%#": "L'
:"L/= '?=2"' "7/" :4/"' /4' /":'5' \$2"?42+/"5' F"/7&/7)7&:' "0/"9&/%%'
#4:&/70:4%'@&2":&@&7F"\$'" ("70"%/70:4H'
'''''''''' . "'5%#)'A#"F40%247+': "2/4'(&F"2"/%*4G%%H'
'''''''''' B"'(4:4L0&' /&'?)(&5'7&?', "'?54/= :40+H'
'''''''''' B472&(%&'F"2"/%42%*54'&E&'(4&0"'7&?&'*/40+H'
'''''''''' C=':(%5'K0"'A"'KF"/"5%&7F"L'%7"G%42+/"L' /&7A#4:&(2%:"70%-A"'
#"70)'A#&70)A2&/%L' /4'A"@:&' /&/4:%70%%'F7&/"6"?%_%A"'7";#4/,DE&5)7,'

'''''''''' . '' :7&5)' 5%#)' <&/E%/=' ('' 7%;' A"#' /&' 5"\$)0' *4/%540+' :=7"F%&'

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

''''''''04\$2,(=:4,':?)()E&&-'5"</'7F4*40+'@0''t tY':&F'?)(&0''A#&(&2,0+7,'
(:)5,'F4#(%/42+/=5%'%*5&/&/%,5%'F2%540%&&7F%5'F#%*%7"5'%G%6#"':=5%'
A#&"#4*":4/%,5%H'n'0'-%'(#)\$"&'5"<&0'E&&'?"+9&')7%2%0+'/:&/70:"H'

'''''''' B&F"0"#=#&' #4*#4?"0F%' 7":#&5&/ /=; ' 0& ;/'2"\$%&7F%;' %'
%/ /":4G%"/ /=; 'G&/0#"'::*=:4D0'7&#&+&*/)D'"?&7A"F"&/ /"70+H'

''''''''h& ;/'2"\$%&7F4,'A#"5=92&/ /"70+-:'F"0"#L'("5%/ %#)D0'5)<@%/ =-'
&'0"2+F""2%94&0'7&?', 'A"2":%/='5%#":=; '* /4/%L'%' "A=04H' U/4'04F<&'
%7A"2+*)&0'42\$"#%05=-'F"0"#=#&'5"\$)0'E&&'?"+9&*'4F#&A%0+'\$&/ (&#/)D'%'
#47":)D'(%7F#%5%/4G%DH'

'''''''' ` 6#"': 'L' #4*#=:')7%2%:4&0'7"G%42+/'[KF"/ "5%&7F"&' /:&/70:"'
T""0\$#45"0/"70%'("'*(#4:"";#4/&/%,-'0"\$#"(":'('7&2+7F"L'5&70/"70-'0'
(&07F"\$"74(4'('F"22&(<4H'

''''''''8'PbR\'\$()': '#4*:%0=;'70#4/4; '%/0&#/&0"5'A"2+*":42"7+'A#%5&#/'
SQ'A#"G&/0":' <%0&2&L-' :0"' :#&5,'F4F' :'/4%5&/&&'#4*:%0=;'70#4/4; ('2,'
%/0&#/&0[A"2+*":40&2&L'7"704:2,24'2%9+'R\'A#"G&/0":H'

''''''''C=#%7F)&5'F4*40+7,':(:);7F#"#70/"5'5%#&H'

''''''''8'0"<&':#&5,'F'Pb'ib'\$()':7&'?"2&&'70#&5%0&2+/'&'%*5&/&/%&'F2%5404'
*40#"/&0'5%22%"/='2D(&L-'704:'A#%@%/ "L' /&(" &(4/%,-'542,#%%' (#)\$%;'
*4?"2&:4/%L'5%\$#4G%%'KF70#&542+/=;'A"\$"(/=; ', :2&/%LH'

''''''''j]0"7"* (4&0'7&#&+&*/)D')\$#"*')#4:&/70:)'%'7A#4:&(2%:"70%'5<(&'
A"F"2&/%,5%H' 1&\$"(/,9/%&'5"2"(=&')@470/%F%' A#"0&70":' A#"0%:'
%*5&/&/%, 'F2%5404'/4; "(,07,'/4'A&#&(/&5'F#4&'?"#+?'7'/:&/70:"5H'

''''''''10#4/=-' :'/4%?"2+9&L'70&A&/%'A"70#4(4:9%&'0' (&704?%2%*4G%'
F2%5404-'/&72%'/4%5&/+9%L':F24(':'\$2"?'42+/'&'A"0&A2&/%&H'

''''''''o0&2&/4,q'KF"/"5%F4'704/&0' /":=5' %70"@/%F"5' A#"G:&04/%, '%'
*4/,0"70%H' B"" /&F"0"#=#&'2D(%'A"0&#,D0' #4?"0)-' "7"?'&/ /"': ?=:9%;'
%/ ()70#%42+/=; '#4L"/4; '/49&\$"5%#4H'

''''''''n5&/ /" 'A"K0"5)'5='A#%*=:4&5' /&'0"2+F""F'?"#+?&'7' %*5&/&/%&'5'
F2%5404-/' "%'F'F2%540%&&7F"L'7A#4:&(2%:"70%H'

'''''''' . "2%0%&&7F%&' 2% (&#=' ("2</='704:%0+' ?"2&&' :='7"F%&' G&2%-'
A#&(A#%/ %540&2%' ("2</='A":='7%0+'7:"%'0#&?" :4/%,-'4'2D(%'A":7D(''
("2</=':":*:'=7%0+'7:"L'\$"2"7H'

''''''''c70+'?"2&&'K6&6&F0%:/=L'A)0+-%'5='("2</='&\$"%"*?#40+H'

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

'''''''' .4\$)?/=&'A"72&(70:%,'/=/&9/%;'547904?":'/:&/70:4'"@&:% (/ =H'

''''''''n/"\$(4'5"</'")72=940+'@0''A#%2%:/4,': "2/4'KF"/"5%&7F"\$"#"704'
A"(/%54&0':7&'2"(F%H'

''''''''B"/4'745"5'(&2&'#470)E&&' /:&/70:"'0"A%0':7&'2"(F%H'

''''''''!":&#%&'F%/70%0)045%'2% (-')5&/+94&07,H'1'/4@424'R\\b[; '\$"(':'
,:F4%'*?%#40&2&L':":7&5

'''''''''' U(/4F'' A"A)2%*5-' /4G%"/42%*5-' KF70#&5%*5-' #47%*5' %' A"%7F'
:%/" :40=;'?)()0'2%9+'A"#"<(40+' /":'&' /:&/70:''%' #4*(&2&/%&' :/)0#%'
"?E% /'% '5&<()' /%5%'5&<()'70#4/45%-'5&<()'K0/"745%-'5&<()'#&2%\$% ,5%H'
''''''''''VWXYZ[R\'

..... ` % 6#":4,'#&:"2DG%, '%%7F)770:& // =L' % / 0&22&F0' % * 5& / , 0' ; 4#4F0&#'
#4?"0=-' 4' 04F<&' : *4% 5 "7: , *+' 5 &< () '#4?"0"L-' "0(=; "5' %' (#)\$% 5%' : % (45%'
(& , 0&2+ / "70%- ' / &F"0"#=#&' %* ' F"0"#=#; ' 5=' / &' 5 " < & 5' 7&?&' 7&\$" (/ , ' (4<&'
A#&(704:%0+H'

..... 8' o ("#" < / "L' F4#0&q' : ' "?2470% ' G% 6#" : "\$" ' 7"0#) (/ % @ & 70:4'
A#&(704:2& // "L' : ' U#\$4 / % * 4G%' U?d& (% / & // = ; ' B4G%L' : ' A#" 92" 5' 5&7, G&-'
7" (&#<%07, 'F" / G&AG%, ' ("70% < & / % , '% / F2D*% : / "\$" - ') 70"L@% : "\$" ' G% 6#" : "\$" '
?) () E&\$" ' A) 0&5' A" (F2D@& / % , 'F' % / 0&# / & 0) 'F' Pbjb' \$" () "704: 9% ; 7, '@&0=#& ; '
5% 22% 4# (" : '@&2" : &Fh'

.....

'''''''''' B45' /&"?;"(%5=' A#"\$#455=' A"*%0%:/=' (&L70:%L' %'
G&2&/4A#4:

