



"#\$\$#&'!()(\*!

+ , #&!- , \$#./&0!

2!3/4,!' /%!3#5!#!6/\$5, &7%8!3/895#' !#5!#&, !6, 88!&, : 3#&; , 5!./!, <=#&>!/\$!#\$/ .3, &10, <, 0., &?!@, 8/6!  
#&, !0/<, !9., <0!.3#.!2A5!89>, !./!%45#., !' /%!09\$: , !/%&!8#0.!<, , .9\$; ?!

B?!

C#: %8.' !3#D, !, E4&, 00, 5! .3, 9&!#44&, : 9# .9/\$!7/&!8#0.!</\$.3A0! "##%&' (%<, , .9\$; !1#8.3/%; 3!F%, 0.9/\$0!  
0.988!&, <#9\$!&, ; #&59\$; !.3, !5, .#90!/7!.3, !9< 48, <, \$.# .9/\$!7!.3, !\$, 6!=%5; , .9\$; !</5, 8!#5!G&#5%#., !  
- .%5, \$.!- .94, \$50!48#5?!2!3#D, !3, #&5!7&/<!0, D, &#8!/7!' /%!#: &/00!: #< 4%0!69.3!F%, 0.9/\$0!&, ; #&59\$; !H!  
D0?!B(1</\$.3!/77, &0!10%<<, &!4# ' !#5!3, #8.3!9\$0%&#\$: , !#5!3#D, !=&/%; 3.!3, <!./!J&/D/0!  
K#; , &.' A0!#.. .9/\$!L3, !4&/: , 00!90!/\$; /9\$; !69.3!/=/.3!.3, !- .94, \$5!2< 48, <, \$.# .9/\$!M/<<9.., !  
: 3#9&, 5!=' !"9<!-4, \$: , &!/7!639: 3!2!#<!#!<, <=#, &!#5!#80/!.3, !J&/D/0.A0!N5D90/&' !O/&>9\$; !G&/%4!  
639: 3!90!5%, !./!0%=<9.19.0!&, 4/&.!./5# ' !C&95# ' !"#\$\$#&' !() '?!P/%&!D/9: , 0!#&, !9< 4/&.#\$.!10/!48, #0, !  
:/\$.9\$%, !=, 9\$; !9\$!./%: 3!69.3!<, !#5!3, !C-QM!69.3!' /%&!7, , 5=#: >!#=%/!.3, !4&/4/0#80?!O, !6988!  
<#>, !0%&, !.3#.!7#: %8.' !#&, !#0!9\$7/&<, 5!#0!4/009=8, !#=%/!.3, !D#&9/%0!4&/4/0#80!9\$!#!.9<, 8' !<#\$\$, &?!

(?!)

@%9859\$; !., < 4, &#.%&, 0!#: &/00!/%&! : #< 4%0!&, <#9\$!#!<#R/&!4&/=8, <!69.3!<#5'!, 9.3, &!./!13/./!&!./!  
:/85?!2.190!\$/./!/\$8'!.3, !<#.., &!/7!:/<7/&.1!%=.19.190!#77, : .9\$; !/%&!4&/5%: .9D9.' !#5!<9009/\$!7!.3, !  
S\$9D, &09.'?!@#: >19\$!+, : , <=#, &!10, D, &#8!7#: %8.' !<, <=#, &0!6, &, !./85!./!6/&>17&/<13/<, !5%, !./!3, !  
%\$=#, #&#=#, !, E.&, <, !., < 4, &#.%&, 0!9\$!.3, 9&!=%9859\$; 0!#5!10/<, !-LQT!7#: %8.' !3#5!, E4, &9<, \$0!  
#77, : , 5!=' !, E.&, <, !: /\$59.9/\$0!9\$!.3, 9&!8#=#0!+ %&9\$; !#5!, \$0, <=#, !&, 3, #&0#8!9\$!+, : , <=#, &!/\$, !/7!.3, !  
/=/, 0!:#>, 5!5%, !./!, < 4, &#.%&, !/7!.3, !&/<!3#.!6#0!#, 8/6!UU!5, ; &, 0!C#3&, \$3, 9.?!)

L390!, E.&, <, !., < 4, &#.%&, !4&/=8, <!:/\$.9\$%, 0!./!=, !.3, !\$/&<!#.!V-S!, D, \$!\$/6!9\$!.3, !-4&9\$; !  
0, <, 0., &?!O, !#&, !6/&>9\$; !69.3!C#: 989.' !-, &D9: , 0!#5!N: #5, <9: !N77#980!./!9< 4&/D, !:/<<%\$9: #.9/\$0!  
#&/%5!3, !0/%&:, !/7!.3, !4&/=8, <0!#5!#5: 94#., 5!9<, 89\$, 0!7/&!9< 4&/D, <, \$.0?!N0!4#&!/7!.390!  
, 77/&.1!6, !3#D, !9\$D9., 5!&, 4&, 0, \$.# .9D, 0!7&/<!C#: 989.' !-, &D9: , 0!./!4&/D95, !#506, &0!./!3, 0, !F%, 0.9/\$0!  
#5!\$, \$; #; , !69.3!-, \$#./&0!/\$!/.3, &!:/<<, \$.0!#5!:/\$: , &\$0!#./%&!C, =&%#&' !<, , .9\$; ?!

\*?!

+ % , !./!#5!/D, &63, 8<9\$; !:/\$: , &\$!7&/<!7#: %8.' !&, ; #&59\$; !#5!, E., \$09/\$!7!.3, !., #: 39\$; !, D#8%# .9/\$!  
&, 04/\$0, !4, &9/5!9\$./!3, !, E#<0A!6, , >!2!<, .!69.3!+ #D95!WA@&9, \$!9\$!.3, !W779: , !/7!L, 0.9\$; !X!  
QD#8%# .9/\$!-, &D9: , 0!#0!6, 88!#0!J&/D/0.!K#; , ; &.' ?!N0! /%!>\$/6!7&/<!3, !, <#98!0, \$!/\$!+, : , <=#, &!  
((!() ((!19.16#0!5, : 95, 5!3#.!/\$8'!, D#8%# .9/\$0!0%=<9.., 5!4&9/&!.!/.3, !/&9; 9\$#8!5, #589\$, !6988!#, !&, 8, #0, 5!  
#0!4#&./!7!.3, !\$/&<#8!&, 4/&.?!N\$' !7#: %8.' !.3#.!6903, 0!./!, : , !:/49, 0!7!.3, 9&! , D#8%# .9/\$0!#, ' /\$5!.3#.!  
5#., !03/%85!:/\$.#.: !L, 0.9\$; !X!QD#8%# .9/\$!-, &D9: , 0!59%, : .8' ?!

Y?!

-, D, &#817#:%8.'!&, 4/&., 5!./!%0!8#0.10, <, 0., &!3#.!3, &, !6#0!#10, &9/%0!5, 8#'!Z9\$!/\$, !:#0, 1!/D, &!#' , #&[\!  
/\$!/%.095, !, <48/' <, \$.!590:8/0%&, !#44&/D#8!4&/:, 00?!O, !#55&, 00, 5!.390!69.3!N: #5, <9: !N77#9&0!#\$5!  
=, 89, D, !.3#.! , D, &' .39\$; !03/%85!\$/6! =, !0.&#9; 3., \$, 5!/%.?!T /D9\$; !7/&6#&5!3, !4&/:, 00!03/%85!6/&>!  
0 < // .38' !#\$5!' /%!03/%85!; , !#44&/D#8!9\$!#!.9 <, 8' !<#\$\$, &?!27!' /%!>\$/6!0/<, /\$, !63/!90!0.988!  
, E4, &9, \$: 9\$; !#\$!%\$&, #0/\$#=#, !5, 8#' !9\$!.3, !4&/:, 00!48, #0, !8, .!%0!>\$/6?!

U?!

2!# <!D, &' !3#44' !./!&, 4/&.!3#.!/%&!\$, 6!6, =09., !90!%4!#\$5!&%\$9\$; ?!2A5!89>, !./!5, , 48' !.3#\$>!--#&#3!  
O9889# <0/\$! ] 9: 3#&5!7/&!3, &!9&, 8, 00!6/&>/\$!9?!L3, !\$, 6!6, =09., !90!, #09, &./!\$#D9; #., !#\$5!#88!  
4, &.9\$, \$.!5/: %<, \$.0!#&, !&, #598' !#: : , 009=8, ?!2!, \$: /%&#; , !' /%!. /!D909.!.390! =, #%.97%8!6, =09., !#\$5!: 3, : >!  
9. !/%. !3, &, ?!

^?!

2!# <!0#55, \$, 5!./!&, 4/&.!3#.!-#&#3!/%&!C#: %8.'!-, \$#, , !M//&59\$#./&!3#0!#: : , 4., 5!#!4/09.9/\$!69.3!#!  
\_, 6!W&8, #50!8#6!79&<?!K, &!8#0.!5#' !90!L%, 05#' !(Y!"#\$%#&'?!J8, #0, !R/9\$!<, !9\$!69039\$; !-#&#3!6, 88!9\$!  
3, &!\$, 6!D, \$.%&, ?!2\$!.3, !03/&.!9 <, !.3#.!03, !6#0!3, &, !16, !3#5!5, D, 8/4, 5!#!; &, #.!&#44/&.!69.3!3, &!#\$5!  
6, !6988! <900!3, &!, &&9=8' ?!O, !3#D, !#8&, #5' !0.#&., 5!.3, !4&/:, 00!69.3!K[5(#\$0!-, )0.505#', !6/!( :)0.5(>!); , !'9\$.5 <#&./