



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

+ ', (!-' . , \$%/0!

1/!2%3!(' , 4!\$56/!(' 7%(\$0!8!5%7' ! \$5, \$!2%3!5, 9' !, :(' , 42! /3& ; 6\$\$' 4!2%3(!; 64\$' (; /!<(, 4' /! , . 4! , (' !
' . =%26. <!\$5' !; 647%6. \$!%>!\$5' !/' ; '/\$' (!?6\$5!' //!/\$' //A5' !7, /\$! ; % . \$5!5, /!&' ' . !9' (2!&3/2!% . !\$5' !
B, #3:\$2!-' . , \$' !CD' #3\$69' !E% ; ; 6\$\$' ' !FB-CEG@

8! , ; !5, 772!\$%!(' 7%(\$!\$5, \$!?' !5, 9' !%>>' (' 4!\$5' !7%/6\$6% . !\$%!- , (, 5!H6::6 ; /% . !J6#5, (40! ?5%!5, /!
, ##' 7\$' 4!\$5' !7%/6\$6% . @K' (!, 77%6. \$; ' . \$!/\$, (\$' 4!% . !L% . 4, 2!MN!" #\$\$%&' (@- , (, 5!#% ; '/!\$%!3/! ?6\$5! , !
' ? , :\$5!%>!0. %?-' 4<' ! , . 4!/06: /@-5' !(' #' 69' 4!5' (!P, #5' :%(0/!4' <' ' !>(% ; !R. 69' (/6\$2!%>!S, >, 2' \$\$' ! , . 4!
, !: , ?!4' <' ' !

/\$!?' ' 00!T(%9%/\$!K, <<' (\$2!/5, (' 4! ?6\$5!B-CE!\$5' !R. 69' (/6\$20/! . ' ?!U' (%!&, /' 4!&34<' \$0! ?56#5! ?6:!
' !6. \$%! ' >>' # \$!6. !B, ::!)*)V@8!5, 9' !&' ' . !, 77%6. \$' 4!\$%!, !?%(06. <!<(%37!\$5, \$!6/!#3(' . \$:2!
7: ; ' . \$6. <!\$5' !7(%7%/ , :!>(% ; !: , /\$!2' , (!&2!\$5' !W(, 43, \$' !-#5%: !\$%!(, 6/ ' !\$5' !>:%!(!%>! , ::!<(, 43, \$' !
7' . 4/!\$%!X)V0**!*>%(!>%3(12' , (/A56/!6/! , !% . ' !/6U' !>6\$/ , ::! ; %4' !:\$5, \$!6/!&' 6. <!6; 7: ' ; ' . \$' 4! . %?0!
59646. <!>3. 46. <!% . :2!\$%!' (; 6. , :!<(, 43, \$' !4' <' ' /0/!3#5! , /!T5+ /! , . 4!LB1/@H56: !\$56/!6/! , !<' , \$!
4' !>%(!' # (36\$6. <! , . 4! ?6: !; , 0' !S-R!\$5' !% . :2!3. 69' (/6\$2!6. !\$5' !-CE!\$%!5, 9' !/3#5!#% ; 7' \$6\$69' !
7' . 4/0!6\$! ?6\$54(, ?/!>3. 46. <!>(% ; !/3##' //>3: !L, /\$' (0/!7(%<(, ; /!>(% ; !%3(!# , ; 73/0! ; %/\$! . %\$, &:2!6. !
3, :! , . 4!7' (>(% ; 6. <! , (\$/@T(%9%/\$!K, <<' (\$2! ?6: !&' !%6. 6. <!3/! , \$' (!6. !\$5' !; ' '\$6. <! , . 4! ?6: !<69' !2%3!
(% , 4' (!76# \$3(' !%>!\$5' !R. 69' (/6\$20/! . ' ?!U' (%!&, /' 4!&34<' \$! ; %4' :@

' !; ' '\$6. <!%>!\$56/!\$, /0!>%(# ' !\$%!/ \$342!\$' . 3(' !6/!/#5' 43: ' 4!>%(!' #\$\$%&' (!)Y! , !\$!\$5' !E, 76\$%:@S, /\$! ?' ' 00!
' . ! , . 4!8! ?' (' !7, (\$!%>! , . !6. \$' (. , :! ; ' '\$6. <! , !S-R!\$%!/\$(, \$' <6U' ! , &%3\$!%3(17%/6\$6% . !, !\$!\$5' !37#% ; 6. <!
' '\$6. <@H' !73\$!\$%<' \$5' (!4%/!6' (!%>!9, (6%3/! , (\$6#: ' /! , . 4!7%:6#6' /!\$5, \$! , :(' , 42! D6/\$! , \$!S-R!7(%\$ # \$6. <!
3(' @P, /' 4!% . !\$5' ! , <' . 4, !%>!\$5' !' #\$\$%&' (!)Y ' ; ' '\$6. <0!6\$!:%0/! :60' !6\$! ?6: !&' !73(' :2!7(%# ' 43(, :Z !
' /#5' 43:6. <! ; ' '\$6. </!>%(!\$5' !(' /\$!%>!\$5' !2' , (! , . 4! , 77%6. \$6. <!96# ' !#5, 6(!\$%!\$5' !\$, /0!>%(# ' @1 ::!\$5' !
=PPUPTPVPU7i \$!\$%4, 20/! ; ' '\$6. <!&2! , !&(6' >!

7(' /' . \$, \$6%. !&2!\6#!T(' /64' . \$! + , . 6' :!A6(% . '0! ?56#5! ?6: !&' !>: :% ?' 4!&2!, !7(' /' . \$, \$6%. !&2!P(, . . % . !
E%/\$' ::%0! ?5%16/!\$5' !#3(' . \$!#5, 6(!%>!S-RIT(' //!E%; ; 6\$\$' ' @

8!5, 9' !; '\$! ?6\$5!%3(!W' . ' (, :!E%3. /' :!H6. /\$%. !+ '#36(!\$%! , 44(' //!/%; ' !%>!\$5' !#%. >64' . \$6, :6\$2!6/!3' /!
>%(!%3(!-\$, . 46. <!E%; ; 6\$\$' '/!\$5, \$!, (' !, :/%!/3&=#\$!\$%' 7' . !L' '\$6. <!S, ?@H' !5, 9' !&' ' . !, 496/' 4!
\$5, \$!; %96. <!>%(? , (40!7, (\$6#3:, (:2! ?6\$5!S-RIT(' //!E%; ; 6\$\$' '!, . 4!14=346#, \$6%. !, . 4!177' , :!
E%; ; 6\$\$' '/0!\$5' 2!/5%3:4!&' !<%6. <!6. \$%! 'D' #3\$69' !/' //6%. /!, \$!', #5!%>!\$5' 6(!; ' '\$6. </@

S-R!6/!; %96. <!>%(? , (4! ?6\$5!\$5' !7:, . . 6. <!%>!\$5' !. ' ?! :6&(, (2@A5' 2!5, 9' !56(' 4!#%. /3:\$6. <!<(%37!
P(6<5\$!-7%\$@A56/!>6(; !5, /! /7' . \$!\$5' !, /\$!2' , (!6. '\$' (96' ?6. <!; , (<' :2!/\$34' . \$/!%. !\$5' 6(196/6%. !>%(!\$5' !
' ?! :6&(, (2@A5' !>6(; !5, /! . %? !; %9' 4!\$% !>, #3:\$2@B, #3:\$2!; ' ; &' (/!?' (' !6. 96\$' 4!; , /\$!?' '0!\$%!, \$\$' . 4!
\$5' !] %%; !; ' '\$6. <! ?6\$5!\$5' !>6(; @A56/!6/!\$5' !&' <6. . 6. <!%>!, !; 3:\$62' , (!7(%=#\$!%>!<' \$\$6. <!\$5' !. ' ?!
&36:46. <!%>!\$5' !<(%3. 4@1 :\$5%3<5!\$56/!7(%=#!6/!?, 2!%9' (43' 0!6\$!6/!\$5(6:6. <!\$%!/ ' !6\$!\$, 06. <! /5, 7' @

8!5%7' !\$5, \$!2%3!#%. \$6. 3' !\$%!&' !' . <, <' 4! ?6\$5! , ::!6//3' /!%. !# , ; 73/@A5, . 0!2%3!>%(!, ::!2%3(!5' :7!6. !\$5' !
7, /\$!; % . \$5! ?6\$5!#%; ; 6\$\$' '!, 77%6. \$; ' . \$/@8!, :/%!, 77(' #6, \$' !\$5' !>' 4&, #00!#%. # (. /0!, . 4!#%; ; ' . \$/!8!
('#69' !>(%; !2%3@T: ' , /! '0' 7!\$5' ; !#%; 6. <0!, /!2%3!#%. \$6. 3' !\$%!&' !, !<' , \$!/ %3(#' !%>!; 2! ' 2' /!, . 4!