



!
!
!
!
!
!
!

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

!
!
!
!
!
!
!
!
!
!
!
!

!
!
!
!
!
!

!
"

!"

! "#\$%&'

"#\$%&'()*+,-./ ((.%
 O#'%&'()*+,-./ (\$%3(3%2"23#3/2%
 4/5) %!" /1%' (\$%3(3%2"/\$%- /) %"23#3/2%
 4/5) %"#- #6(2(. /) (. %2"2#5(
 O#'%4(+(\$ /1%' (\$%3(3%2"4%*1(. %- #4+7#1(.
 4/5) %" /1%' (\$%3(3%2"4%*1(.
 4/5) %(" /1%' (\$%3(3%2"#4+7#1(.
 "#\$%4(+(\$ /1%' (\$%3(3%2"4#\$O' #
 O#'%&'()*+,-./ ((.%
 4/5) %&' /1%' (\$%3(3%2"4#\$O' %2""+\$, #1+(.
 O#'%4(+(\$ /1%' (\$%3(3%2"&#\$31%+\$O#" "\$(.
 4/5) %) "%&#\$31%+\$O#" "\$(. %2"23#3/2%"- #8(4#- , (1) +. #
 4/5) %"*&#\$31%+\$O#" "\$(. %2"/9) (. #4+2%) (. #
 O#'%4(2#4(\$ /1%' (\$%3(3%2"

4/5) %"()#2%19+\$4#7%+"3(;1+) +, %(. %2"2#42#5/\$%"#"
4/5) %"(*#2#9%1#12+"2#42#5/\$%"#"
4/5) %"(%#2#4(/\$1(+2#42#5/\$%"#"
4/5) %"(%- #7' %2#- #"/2#9\$O5+(. %2"2#42#5/\$%"#"
4/5) %"&-%/6:' (3%, #1#O) (. %2#"- #2(\$3%9%7%\$(. %2"7(13\$%"#"
4/5) %"&!#2#, #4+7- +7(13\$%"#"
"\$#\$%4(+O5(\$/1%' (\$2%3(3%2"&(\$2+1#) %%"#"
4/5) %"&#%/1%' (\$2%3(3%2"&(\$2+1#) %%"#"
O#' %"&%\$' () %\$/1%' (\$2%3(3%2#"- 4%1%23\$#7%/) %"&(\$2+1#) %%"#"
4/5) %"&' %/1%' (\$2%3(3%2#"- 4%1%23\$#7%/) %"&(\$2+1#) %2"8(4#- , (1) +. #%"#"
O#' %"4(+(\$/1%' (\$2%3(3%2#"#"- (4%/\$%"&(\$2+1#) %%"#"
4/5) %"&(%/1%' (\$2%3(3%2#"#"- (4%/\$%"&(\$2+1#) %2"8(4#- , (1) +. #%"#"
4/5) %"&&#"#"- (4%/\$%"O#1#4- (. +. %2"- #"#'. (%2"6(2%"#"
4/5) %"&)%&\$+9(2+\$%2"#3(23#7%#"#"
O#' %"4(2#4(\$"- #454#\$(("&(\$2+1#) %%"#"
4/5) %"&*"#"- #454#\$(("&(\$2+1#) %2"8(4#- , (1) +. #%"#"
O#' %"4(+O5(\$4+6' (/) %"- #2#4(71%(\$+"&(\$2+1#) %%"#"
4/5) %"&+%4+6' (/) %"&(\$2+1#) %2"8(4#- , (1) +. #%"#"
4/5) %"&, %2#4(71%(\$+"&(\$2+1#) %%"#"
"\$#\$%4(5/O(\$23/- (13%"#"
O#' %"&%\$' () %\$23/- (13%2"23#3/2%"#"
4/5) %")-%23/- (13%2"23#3/2%2"

(\$% ") "%*+, ":

"#\$%& 4. #' &() *+&,), &+ ."23.')0&

@A 6%1#4- (. #\$(! - (. /) (. %2! 4(BQ! 4/5) 8%! , #O' #) %26%1(. /) %! 4%*1(. %- #1! , #4+4- %1#\$(!
/1%' (\$2%3(3%2!#4+7#1(. %#M!
#E! /4#>) (2%! #' #- (4%/\$%! 2#, #14#1O) (.) +! &\$+, \$4(. %2! - #, (, 4' #f! , #15+\$7%() (. #f!
, #1' %O#\$(. #- #!4+- (\$1%*#7%#Y!
. E! 4#>#) "' #) %9%7%/\$%! 2&(7%#) %23%2! 4+4*#- (. #f! \$+4() 2#7! , #4+4/8#' (. /) %! (;1(. #!
&\$+9(2%/) %!?' (' (. %f!&\$+9(2%/) %! , #4. (- #+. #!! - #!O#' 2! , ##\$O4(' 2!4%2!6%1#8(! - #24/) !
&\$#; 3%" /) !#4+7#1(. 2Y!
, E! ;' (: 1%2!

:

!

"#\$%& 5. #' &() * +&,), &+ ". * 4 (&+ 2*5.' 2)0&

@A /1%' (\$2%3(3%2!4#\$O'%2!+\$, #1+(. %#!C44#\$O' () %!2/. %(: 3(. %#EN!

#A!&#\$31%+\$O#!"\$(. #Y!

. A!&\$ (*%- (13%Y!

, A!&%\$' () %!' %7(B&\$ (*%- (13%Y!!

- A!' %7(B&\$ (*%- (13%!2#26#') +B2#4(71%(\$+!- #!5#\$%25%2!/* \$/1' () : +9%2!- #\$, 8%Y!!

(A!#"#- (4%/ \$%!2#. <+Y!

' A!2#4(71%(\$+!2#. <+Y!

* A!5#\$%25%2!/* \$/1' () : +9%2!2#42#5/\$%A!

!

!
!
!

:

-

"#\$%& 11. #' &() *+&,), &+ 6&*() %& (&3)-6*) 1&-)', &+ #9%)0."2+&%)0.

Ⓜ /1%' (\$2%3(3%2! &%\$' ())! ' %7(B&\$(*%- (13%! "++\$- %1%\$(. #2! /6(' 2! /1%' (\$2%3(3%2!
2#; 4%#1+. #2! ! 9%1#12/\$! 4#3(\$%#) /\$! #- 4%1%23\$#7%/) ! - #! #- #4%#1/\$! \$(2/\$2(. %2!
29(\$+8%!!!

HA /1%' (\$2%3(3%2!&%\$' ())! ' %7(B&\$(*%- (13%!!
#E! #5+\$7%() (. 2! /1%' (\$2%3(3%2! 4(1([4(13%2! "+13\$+) 2! - #! .%*1(2! &\$+7(2(. %2!
6#\$4#\$O' #2Y!

.E! #5+\$7%() (. 2! 4%2- #4%! - #;' (4- (. #\$(. /) %! &(\$2+1#) %2! *(- #45(- ' () +. #2F!
5() 4=>' #1() +. #2! - #! 8(9#2(. #2! 4#\$O' %2! (9(; 3/\$+. %2#! - #! 8(2#. #4%2%! 8(- (, (. %2!
4%>6(' %2!4%*1%OY!

,E! 5() 4=>' #1() +. 2! - #! /*\$ /1' () : +92! /1%' (\$2%3(3%2! %123%3/7%/\$! O' %O8(9#2(. #2F!
O' %O"+\$; 3%\$(. #2!- #!"+\$&+\$#3%/) %!" /) 3/\$%2!, #1' %O#\$ (. #2Y!!

-E! /*\$ /1' () : +92! #"- (4%/\$! O# %2/9) (. #2F! %123%3/7%/\$! #' 3+1+4%/\$+. #2#! - #!
#- #4%#1%2! 9/1- #4(13/\$%/ /9) (. (. %2!%' %27(4#* (!- #4: #\$(. /) !4#\$O' #2! - #!8(2#. #4%2!
2#"#- \$+!&+) %3%"#2Y!

(E! 5() 4=>' #1() +. 2! , \$=() '#- %#1! - #! 4+") (' #- %#1! - #, (, 4#\$(. %2! &\$+7(2(. 2! - #!
##1#) %*(. 2!8(- (, (. 2Y!

'E! 5() 2! /6: +. 2! - #! , #1#' %O#\$ (. 2! /1%' (\$2%3(3%2! 8(2#) (.) +. (. 2! 2#4(6#\$4(+!
#; 3%+. (. %2!, #15+\$7%() (. %2!4%4#\$O /) (. %OY!

*E!#: #) %. (. 2!\$(?' (. 2F!%=) (' #!4%O%O(. (. 2!4+2#) +- 1() !3(1- (17%(. *(!- #!&\$+.) (4(. *(!
- #15() 4=>' #1() +. 2!4#O* (!- #: \$- 1+. %O!- #, (, 4#\$(. #!B!, #- #, (, 4#\$(. %2!&\$+7(2(. 2Y!

OE! , #1#5+\$7%() (. 2! .%/[(3%2! 4+4*#- (. #2F! #1#) %*2F! 8(2\$/) (. #2! - #! #1#6%) (. 2!
2"+) (. %2! - #! 2#/1%' (\$2%3(3+! 9/1; 7%(. %2! , #15+\$7%() (. %2! 2#<%\$+(. (. %2#! - #!
4+O5+' 1(. %2!2#9/' () * (Y!

%E!#: #) %. (. 2!9%1#12/\$!- #!+&(\$#7%/) !23\$#3(, %(. 2F! />' (. #!"\$%*%2!4(1([4(132F! \$%O#7!
5() 2!/6: +. 2!

"

"

ZE! 5() 2! /6: +. 2! /1%' (\$2%3(3%2! 4O() %! 2%23(4%2! 2%1;\$+1/) ! 44#\$O' () +. #2! - #! #\$\$%2!
4#2* (!/5%24, (. () %Y!!
\$E! /*\$ /1' () :+92! /1%' (\$2%3(3%2! 4%2%%2! 8(2\$/) (. #2! 4%2%%2! 45#\$- #4<(\$%!
>+1%2=%(. (. %2F! +&(\$#3%/) %! 2\$/) :+9%2#! - #! 5#\$%25%#1! 4+42#5/\$(+. #* (!9+" /2%\$(. %2!
, *%OY!
2E! /1%' (\$2%3(3%2! (9(; 3/\$+. %2#! - #! (9(; 3%#1+. %2! 4%*1%O! , #1#5+\$7%() (. 2!
23\$#3(, %/) %

#E! 8(%4/8#' (. 2! - #! , #1#' %O#\$ (. 2! /1%' (\$2%3(3%2! "") (' %O! 23

2E! #- ' + "#3%\$(. 2! - #! 5() 2! /6: +. 2! 5#\$\$25%#1%! 26#') (. %2F! 26#') %2! 4%*1(. %2#! - #!
8(- (, (. %2!, #15+\$7%() (. #2Y!
3E! 5() 4=>' #1() +. 2! &#\$31%+\$! /1%' (\$2%3(3. O#1! (\$O+.) %' %! "') (' (. %2! 6#5#) %2(. #2F!
&(\$2+1#) %2#!- #123/- (1O#!?#\$O/) . %2!/* \$/1' () : +9#2!'") (' %2!&\$+7(28%Y!
/E! /=>' (. #! "') (' %2! 8- (, (. %2#! - #! *+, #- #- ! 4(71%(\$(. %2! &+&/) #\$\$*#7%#2!
4%4#\$\$O/) (. #2Y!
9E! O#1#48\$+4) +. 2! =%\$\$O#- ! 2#, #14#1#O) (.) +! (\$O(/) (. O#1! B! 2"+) (. O#1F! "') (' %O!
%123%3/3(, O#1! - #! 8(2#. #4%2! O#14- (, +. %2! &%\$(. O#1! 2#(\$O+! 4%*1(. %2! 4%2#>6(' #- !
2#4(71%(\$+!B!'") (' %OF!5#\$\$25%2!/* \$/1' () : +9%2!- #!4#2O#1!- #' #' 8%\$(. /) !2#"O5(. 8%Y!
;E! 6#\$4#\$\$O# ' 2! - #! #' +13\$+) (. 2! "') (' %O%! 2#;4%#1+. %2! 45#\$- #4<(\$%! 2#42#5/\$%2!
2#;4%#1+. #2Y!
>E! #6' - %2! 2\$/) F! - \$+ /) ! - #! */23! %19+\$4#7%#2! /1%' (\$2%3(3%2! 8(2#. #4%2!
23\$/;3/\$(. 2! - #! O#1#4- (, +. %2! &%\$(. 2! 2#26#') +B2#4(71%(\$+! - #! 5#\$\$25%2!
/* \$/1' () : +9%2!8(2#5(. Y!
:E!5() 4=>' #1() +. 2!/1%' (\$2%3(3%2!!2#4(71%(\$+!2#. <+2M!

!

"#\$\$%& 15. (&3)-6*)1&-)', &+ 4.' ."-)020.1) 5."/)+0. - . . '5. * &8(. %-)0#%)0.

@A /1%' (\$2%3(3%2!!' %7(B&\$(*%- (132!2#26#') +B2#4(71%(\$+!- #!5#\$\$25%2!/* \$/1' () : +9%2!
- #\$, 8%! O#1#4- (, +. #* (! 1%81# ' 2! &#\$31%+\$O#! "\$(. #! /1%' (\$2%3(3%2! &\$(*%- (13%2!
6#\$- , %1(. %O#!!

HA /1%' (\$2%3(3%2!!' %7(B&\$(*%- (13%!#1, #\$\$8' #) - (. /) %#! /1%' (\$2%3(3%2!&\$(*%- (13%2!
- #!&#\$31%+\$O#!"\$ (. %2!6%1#8(A!

!

"#\$\$%& 16. (&3)-6*)1&-)', &+ +. "- &(' 2

@A ' %7(B&\$(*%- (132! O# ' %2%! 2#;4%#1+. %2! , #15+\$7%() (. #8%! - #54#\$(. #2! /6(' 2! 2#4- %' 1+F!
\$+4) %2! 8(4#- , (1) +. #8%7! 8(- %#1! ' %7(B&\$(*%- (13%2! O#1#8(46(C(. %E! - #! 4- %' #1%F!
\$+4) (. 2#7!O#1#4- (, +. #* (!1%81# ' 2!- #!#O# ' %2/9) (. 2!/1%' (\$2%3(3%2!&\$(*%- (13%!' %7(B
&\$(*%- (13%2!6#\$- , %1(. %O#!!

HA ' %7(B&\$(*%- (13%2! 2#4- %' 1+2! /9) (. #4+2%) (. #! , #1%2#* >' \$(. #! !' %7(B&\$(*%- (13%2!
2#4- %' 1+2!- (. /) (. %OJF

2" +) #!B!!Q!6(' \$%OF!4(- %7%1%2!2" +) #!B!!Q!6(' \$%OF!5+) +!:' () #!25' #! - #1#\$?(1%!!2" +) (. %!!
2#. <+8%!!6#\$4+- , (1%) %#!@!6(' \$%OAI

XA "#1- %- #3/\$%2! - #2#5() (. %2! /9) (. #! #;' 2! 2#. <+2! 6(' \$! 4%1%4/4! 2#4! "#7%#1! [, /92AI
O%O+(/) !"#1- %- #3/\$%2!7#) B7#) "(!(\$(. #!"(1<%F!#\$?(/) #- !?#%O') (. #!C?#%O') (. %#1E!
2#/"(O(2+!8(- (, (. %2!4; +1(!"#1- %- #3%!"#1- %- #3(. %E

:

"

!&"

- E! 5() 2! /6: +. 2! 26#') (. %2! 5#\$%25%2! 4#>#) %! - +1%2! / * \$ /1' () : +9#2! 26#') %2! 26#') (. %2#!
- #!8(9#2(. %2! O#1#4(- \$+' (!4(O+- (. %2!- #1(\$, '%2!, *%O!
(E! : +' () 6) %/\$#- !8/#) (- /\$!4+1#7(4(. * (!- #: \$- 1+. %O! /1%' (\$2%3(3%2! #' #- (4%/\$!

*E!4#\$"(3%1, %2#!- #!" +4/1%"#7%%2!2#42#5/\$%Y!

OE!%/\$%- %/) %!2#42#5/\$%Y!

%E!2#%19+\$4#7%+!3(;1+) +, %(.%2!!

HA .%.) %+O("2! 5() 4=>' #1() %! #1, #8' #) - (. /) %#! /1%' (\$2%3(3%2! ! &\$(*%- (13%2! - #!!
&%\$' () %!' %7(B&\$(*%- (13%2!6%1#8(A!

!

:

!

"#\$%& 38. +.<"&+/. *"2)0&+ +. "+. \$#* &

@A /1%' (\$2%3(3%2! 2#; 4%26#\$4+(. %2! 2#42#5/\$%! () (; 3\$+1/) %! 2#; 4%26#\$4+(. %2! 2%23(4%2!
4(8' (+. %O!! /*\$ /1' () :+92! - #6(2(. /) (. #8%! - +"/4(13. \$/1' %2! &\$+7(2%2! 6#\$4#O' #2!
- #1*(- #45(- ' () +. #2!/6(' 2!4#O!- \$+ /) !, #15%) '#2A!

HA /1%' (\$2%3(3%2! 2#; 4%26#\$4+(. %2! 2#42#5/\$%2! ! 9/1; 7%(. %f! 23\$/; 3/\$#! - #! 2#; 4%#1+. #!
, #1%2#* >' \$(. #! 1/1%' (\$2%3(3%2! 2#; 4%26#\$4+(. %2! 2#42#5/\$%2! - (. /) (. %2Jf!
1/1%' (\$2%3(3%2! 2#; 4%26#\$4+(. %2! 6(2%2J! - #! 1#\$; %' %2! 6#\$4+(. %2! 6(2%2J! 8(2#. #4%2#- f!
\$+4) (. 2#7!. \$=#1(. %O!#43"%7(. 2!/1%' (\$2%3(3%2!&\$(*%- (13%A!

QA 2#42#5/\$%! #1, #8' #) - (. /) %#! /1%' (\$2%3(3%2! &\$(*%- (13%2! - #! ! &%' () %!' %7(B
&\$(*%- (13%2!6%1#8(A!

!

"#\$%& 39. .- ."&.' #* & *)+#+)0&+ ". * 4(&+ +. "+. \$#* &

@A /1%' (\$2%3(3%2! #- #4%#1/\$%

QA /1%' (\$2%3(3%2!2#(\$O#8+\$%2+!/\$O%(\$O+. (. %2!2#42#5/\$%2!9/1;7%(. %! - #!!23\$/;3/\$#!
,#1%2#* >' \$(. #! 12#(\$O#8+\$%2+! /\$O%(\$O+. (. %2! 2#42#5/\$%2! - (. /) (. %2J! - #!!
l/1%' (\$2%3(3%2!%13(\$1#7%+1#) %* #7%#2!&+) %3%"%2J!8(2#. #4%2#- A!
XA 12#(\$O#8+\$%2+! /\$O%(\$O+. (. %2! 2#42#5/\$%2! - (. /) (. #2J! . \$=#1(. %O! #43"%7(. 2!
/1%' (\$2%3(3%2!&\$(*%- (13%A!
VA 2#42#5/\$%! #1, #8' #) - (. /) %#! /1%' (\$2%3(3%2! &\$(*%- (13%2! - #

QA 2#42#5/\$%! #1, #8' #) - (. /) %#! /1%' (\$2%3(3%2! &\$(*%- (13%2! - #! &' () %! '%7(B
&\$(*%- (13%2!6%1#8(A!

!

"#\$%& 47. +. 9&' .' +2 +. "+. \$#* &

@A /1%' (\$2%3(3%2! 2#9%1#12+! 2#42#5/\$%! #5+\$7%() (. 2! /1%' (\$2%3(3%2! 9%1#12/\$!
\$(2/\$2(. %2!(9(; 3/\$!4#\$O' #2!- #!!#1#) %* 2A!

HA 2#9%1#12+! 2#42#5/\$%2! /9) (. #4+2%) (. #! - #! ! 23\$/; 3/\$#! , #1%2#* >' \$(. #! 12#9%1#12+!
2#42#5/\$%! - (. /) (. %2J! 8(2#. #4%2#- F! \$+4() 2#7!

"#\$%& 50. #/; (), & 5.' .4%)0&+. - . +)*, &9&3&*)0&+ 3)', *&

@A /1%' (\$2%3(3%2! /6:' (3%! ,#1#O) (.%2#! -#! 2(\$3%9%7%\$(.%2! 7(13\$%! /*\$/1' () :+92!
/1%' (\$2%3(3%2! O#1#48\$+4() O#! ''#) %9%"#7%2! #4#>) (.#2F! *\$/1#' 2! 9#\$O+!
2#*+, #- +(.%2#O'%2! 8\$+4%2! -#! -#2#;4(.%2! .#*\$%2! 4+O5+' 1(.%- #1!

QA &\$+9(2+\$(.%! 4+1#6%) (+.(1! 2#26#') +! &\$+7(22#! -#! 4(71%(\$/) ! '') ('(.8%! #1D-#!
6#\$4#\$O#' (1!4#2A!

XA #2%23(13%! &\$+9(2+\$%2F! #2+7%\$(./) %! &\$+9(2+\$%2! #1! #2%23(13B&\$+9(2+\$%2!
5() 4=>' #1() +.%O! #5+\$7%() (.2! 2#2(4%1#\$+! -#! '') ('%O! 2#4/8#+(.2! 2"+) (.8%!!
4%4- %1#\$(!2#26#') +!&\$+7(2%2!9#\$,) (.8%A!

!

"#\$%& 55. .7. -)" &#* & 4.' . " -)020&+ - .7. ()0&+ /)+&

@A #'#- (4%/\$%!O#1#4- (. +.%2! - #'#' (. #!8(=%) (. #!45+) +- !>%#" +1" /\$2%2!6(2%O!\$+4() %7!
/1- #! 8((2#. #4(. +- (2!

QA #3(23#7%#! , /) %254+. 2! &\$+9(2+\$%2! 4%(\$! , #15+\$7%() (. /) %! #'#- (4%/\$%! 2#; 4%#1+. %2!
8(9#2(. #2A!

XA #3(23#7%2! 8(- (, (. %2! 2#9/' () * (! "+4%2%#! O%O+(/) ! &\$+9(2+\$O#1! - #'# 8%\$(. %O!!
#- , (12!- #2"' 1#2f!\$+4) %2!2#9/' () * (!2" +) %2!- ("#1%2!8/#4- , +4) +. %Of!/1%' (\$2%3(3%2!
&\$(*%- (13%!%>(. 2!, #- #6: ' (3%) (. #2!&\$+9(2+\$O#1!8\$+4%O%!/ \$O%(\$O+. %2!8(6: ' (3%2!#1!
, #, \$=() (. %2!O#+. #*(A!

\A &\$+9(2+\$%2! #3(23#7%2! &%\$+. (. 2! 8(%4/8#' (. 2! /1%' (\$2%3(3%2! 5#\$%25%2!
/* \$/1' () : +9%2!2#42#5/\$%! - #! - #2#43"%7(.) #- !6#\$/- , (12!/1%' (\$2%3(3%2! #'#- (4%/\$!
2#. <+2A!

!

"

HA .#"#) #' \$%#3%2D- %&) +4%\$(. /) %! 4(- %" +2%2! &\$+, \$4#*(! 26#') #! (\$O%#1%! (\$+' 1/) %!
, #4+7- (. %2! , #') %2! , #\$(8(! - #2#8' (. %#! 2#; #O' () +2! , #1#O) (. %2#! - #! 4(71%\$(. %2!
2#4%1%23\$+2!4%(\$!- #- , (1%) %!6(2%O!- #!- #- , (1%) !' #- (. 8%!45+) +- N!
#E

