

; > / # N * L > / > 4 . / > C > - * @ A > / & * B # / * 8 . + 4 + > - & % - D * L . J 1 % 0 > + % # - * # - * O , - & , / * > - & * F % \$, / 4 % G * B / # C * O , - & , / * > - & * F % \$, / 4 % G * % - * 8 / D > - % E > + % # - 4 * F % \$ % # - * # B * @ 0 > & , C G * # B * = > - > D , C , - + # P , 4 + * ; + . & , - + * L > M , / * @ A > / & * B / # C * 8 / D > - % E > + % # - * Q * = > - > D , C , - + * R ? , # / G * F % \$ % # - * # B * @ 0 > & , C G * # B * = > - > D , C , - + # S , > + . / , & * % - * I 4 * 5 6 5 (* U # C , - I 4 * V % # / G * = # - + ? * W % + . > 1 * ; M , 0 % 1 * < 4 4 . , *

^9%&<^:'J:'345G:'NL%'b'F,.) ,.%\$#*!&'! '- ,E9%&#/'+'*)'@*)b'Q&,eO%=#\$A:S' * &\$()#+%-% \$/\$0#)/1%D)!1% : \$E)3% 3,&)(5/0!F%

> ,=, %&<F:'%&C'^:'J:'^9%&:'345V:'N! '\$\$9, '^O\$#&. '\.C, .'+^*/8%)%\$#?', '^O-\$0)%-'F*E#*='. AI!'! '- # ^*&+,) ,&E, '[,8*)\$'+)* /'\$9, '345V'\%'\$,)&'F*E#*='. #E%='F*E#, \$A!' &&O%=' - , , \$#&. S:'G''1''3);%* #)35&\$/% 7, &5, ', 05&\$%'* !! ,&5\$15, /%7)&15, /% /%H)7, &5, ', 0+%-%G''1''3)) =!)1)3F 3TU5W'5`:'

! &\$, aA<- : '%&C'^:'J:'^9%&:'345V:'NQ?#'#a=, '@*)bS'#&'7, &5, ', 0+%-%J, 3K:%*/%>/&+&'E)(5\$<', C:'] : 'F / #9' %&C'd:'P:'P*='* &:'L9*0"%&C'1%b"<^! 'IF%. , <G`G7G` T:'

^9%&<^:'J:'345V:'N>*b'[, ?#, BI' . , /)+*% 1%J, 3K:%4/%H)2, @%=51H% 35)!1!L% , K)3% '\$+)3!L%/(%<)(0)M"/(% N3\$()3!<a'AJ , ?#&'d:' , =%&, A:S'J , 3K%O%4&&'E\$15, /!:'G4UVW'V3TV3H:'

A A A

' %' *+, &) 1 *+(%

R#&%#"'+*)>, '\$'F0a/'###&'B#9' ()%E\$#E%='Q/8-#E%\$#* &'+'*)'1) .%%\$#* &'< ' 343G'

! E%C, /A'^+ - %&% . , /, &\$<- %&% .)#%-'O'1) . %%\$#* &'-' ^*. &#&#* &'; #?#'#* &' 3433

* (#5/5!13\$158)%7&5)/&9"\$31)3'+! B%)C'+*)'FE9*%-)A'^* &#&'#a0\$#* &' 3435'

10\$), %E9'! B%)C<! E%C, /A'^+ - %&% . , /, &\$<'1) . %%\$#* &'"%&C'\$9, '_%\$0)%=' 3435'

&?#)* &/, &\$%&C'F*E#%='Q""O, "'#&' - %&% . , /, &\$'; #?#'#* &'

* &\$()#+%-% \$/\$0#)/1%* // '\$!'] * =0 /, '54'>, '\$' (%8,)! B%)C' ' 3456

F%)*K' (%)'0)%/%&'! B%)C'+*)'1 O\$"\$%&C#&. '; #?,)"#A' (0a=#E%\$#* &< ' 345T'

! E%C, /A'^+ - %&% . , /, &\$<'; #?,)"#\$A'\eO#A<'O'Q&E=O"#* &'; #?#'#* &

@A""! B%)C'+*)'; #"" ,)\$%\$#* &' \DE, =, &E, <Z%)?%)C'>O"#&, ""FE9**=' ' 345T

>, "\$'F\$OC, &\$' (%8,)! B%)C<! E%C, /A'^+ - %&% . , /, &\$<' 345G'

1) . %%\$#* &'O' - %&% . , /, &\$'L9, *)A'; #?#'#* &

L9*/%""L, /8=, 'Z**8, "" ()#2, '+*)'f&C, .) %CO%\$, 'L9, ""#""\DE, =, &E, <' 344H'

Z%)?%)C'^* =, . , '

' * , &\$- 3) 1 *+(%

L, %E9#&. 'F%)<>*"#\$&' ^* =, . , '^%)*)'=FE9**='*+ - %&% . , /, &\$" ' 343V<3433<3434

(* , "\$"O'hO&#"\$L*8`4'>, "\$'f&C, .) %CO%\$, '>O"#&, ""FE9**='()'+, ""*)"" ' 3434'

' +O\$, ') 1 *+(%

430\$/56\$15, /%7&5)/&)%1 O\$"\$%&C#&. '[, ?#, B,)! B%)C' ' ' ' 343G'

* &\$()#+%-% \$/\$0#)/1(C)85)='1 O\$"\$%&C#&. '[, ?#, B,)! B%)C' ' ' ' 343V<345X

* &\$()#+%-% \$/\$0#)/1(C)85)='1 O\$"\$%&C#&. '; , ? , =*8 /, &\$%=' [, ?#, B,)! B%)C' ' ' 3433'

, * (' 5\$,) 6, ' ##' - , ') 1 *+(%

(9#>, '\$'J%88%'Z*&*)'F*E#, \$A<Z%)?%)C'^* =, . , ' ' 3446

d*9&'Z%)?%)C'FE9*%)'9#8<Z%)?%)C'^* =, . , ' ' ' ' 344`

1). %%\$#* &%='R%#-0), "l'Y, %C,)"9#8'#&' ^)#' #'"

(%&, #"\$%'\$'QC, &\$#A'^* &+,) , &E, '+*)'8%&, =NQC, &\$#A'%&C'\$9, '^9%&. #&. '_%\$0), '*+'@*)bS:'(9#%C, =89#%<' (! <- %)E9'345X:'

(%&, #"\$%'\$'! 1 - '(; @'N>, #&. 'L9,), k'>, #&. 'L9, /I'\\$9&* .)%89A'L9, &'%&C'__*BS:'! E%&, /A'*+' - %&%. , /, &\$!' &&O%=- , , #&. <^9#E%. *<QY<! 0.0"\$'345H:'

(%&, #"\$%'\$'! 1 - '(; @'NP; 1'; *E\$*)%=F\$0C, &\$'^*&"*)#0/S'+*)'8%&, =N! B%)C'@#&&#&. 'FE9*=%)":S' ! E%&, /A'*+' - %&%. , /, &\$!' &&O%=- , , #&. <^9#E%. *<QY<! 0.0"\$'345H:'

R%E#=#\$*\$)'%\$'! 1 - '(; @'N_#?#.%\$#&. 'h0#=#\$#?;', #''',)\$%\$#&'! C?#E, '+)* /'\$9, '\D8,)\$":S'! E%&, /A' *+' - %&%. , /, &\$!' &&O%=- , , #&. <^9#E%. *<QY<! 0.0"\$'345H:&

R%E#=#\$*\$)'%\$'@#"\$*\$&' ^, &\$,)'+*)'Y, %C,)"9#8'%&C'\\$9#E''8%&, =N1 &'@)#&#. I'R)%/#&. 'B#9'Z**b""%&C' (022=, "S:'>*"\$*&' ^*=, ., <@#&"\$*&' ^, &\$,)'+*)'Y, %C,)"9#8'%&C'\\$9#E"<>*"\$*&' - ! :d0=A'345H:'

' 7' + ' ' () 2 - 7' + ' - , ') + ' %' - /*/\$2 - %

N- %&%. #&. '1 EE08%\$#*&'%=[, 80\$%\$#&'! 1? ,)E*/#&. '\$9, '\&EO\$0)%\$#*&'+'1 0\$"#C,)"c'] #, B""*+'%&' 1 EE08%\$#*&:S'! E%&, /A'*+' - %&%. , /, &\$!' &&O%=- , , #&. <F, %\$=\$, <@! <! 0.0"\$'3433:'

N- %&#&\$%#&#&#. '%- %&C%\$, '*+'- , %&#&. +0=&, ""'I'L9, '1 EE08%\$#*&'+'^%), ,)! C?#',)""#&'>0"#&, ""'FE9**%=S' UB#9'Y:'Z, CC, &W:'! E%&, /A'*+' - %&%. , /, &\$!' &&O%=- , , #&. 'U] #)\$0%#&'! 0.0"\$'3434:'

NL9, '; *0a=, 7\ C. , C'FB*)C'*+'1). %%\$#*&'%&' ^0-\$0), I'; *#&. '%&C'f&C*#&. ' __*)/)%\$#?', '^*&)*=S' ! E%&, /A'*+' - %&%. , /, &\$!' &&O%=- , , #&. <! %&9, #/<^! <! 0.0"\$'345T:'

NL%"b'F, .), .%\$#*&'! ""'%- , E9%&#/'+'*)'@*)b'Q&, e0%=#\$A!'@* /, &'%&C'- , &'*+'\$9, 'LF! S'UB#9' - : ' ! &\$, aAW:'(, *8=, '%&C'1). %%\$#*&'""^*&+,)&E, <(9#%C, =89#%<'(! <1 E\$a,)'345G:'

NL%"b'F, .), .%\$#*&'! ""'%- , E9%&#/'+'*)'@*)b'Q&, e0%=#\$A!'@* /, &'%&C'- , &'*+'\$9, 'LF! :S'! E%&, /A'*+' - %&%. , /, &\$!' &&O%=- , , #&. <(9#%C, =89#%<'(! <! 0.0"\$'345G:'

NL%"b'F, .), .%\$#*&'! ""'%- , E9%&#/'+'*)'@*)b'Q&, e0%=#\$A!'@* /, &'%&C'- , &'*+'\$9, 'LF! :S'! /,)#E%&' F*E#*=* .#E%#! ""*E#%\$#*&'! &&O%=- , , #&. <F%&'R)%&E#''E*^<! <! 0.0"\$'345G:'

NL%"b'F, .), .%\$#*&'! ""'%- , E9%&#/'+'*)'@*)b'Q&, e0%=#\$A:S'Z%)?%)C'>0"#&, ""'FE9**=F\$0C, &\$' [, ,)E9' FA/8**#0/<>*"\$*&' - ! <- %A'345G:'

Nd*a'L%"b'F, .), .%\$#*&'! '- , E9%&#/'+'*)'@*)b'Q&, e0%=#\$A'\$9, 'L)%&'8*)\$%\$#*&'F, EO)#\$A' ! C/#&#"\$)%\$#*&S:'\%"\$,)&'F*E#*=* .#E%#F*E#,\$A'! &&O%=- , , #&. <>=%#/*), <- ; <R, a)0%)A'345G:'

N>, #&. 'F, , &'%&C'P*#&. 'f&&*\$#E, CI'@*)b#&. '0&C,)'F0)?, #=%&E, S'UB#9' - : '! &\$, aAW:'\%"\$,)&' F*E#*=* .#E%#F*E#,\$A'! &&O%=- , , #&. <>=%#/*), <- ; <R, a)0%)A'345G:'

N>, #&. 'F, , &'\$/(P*#&. 'f&&*\$#E, CI'@*)b#&. 'f&C,)'F0)?, #=%&E, S'UB#9' - : '! &\$, aAW:'! /,)#E%&' F*E#*=* .#E%#! ""*E#%\$#*&'! &&O%=- , , #&. <_, B'g*)b'__g<! 0.0"\$'345V:'

N! ' () *a=, /'+' () *8*)\$#*&'! '_0/a,)"<F\$#. /%<'%&C'\/*\$#*&'! / *&. ' ! #)8*)\$'F, EO)#\$A'FE), , &,)"S' @*)b<1). %%\$#*&'<'%&C'- %)b, "\$"F, /#&%)<^%/a)#C. , <- ! <! 8)#=345V:'

N>, #&. 'F, , &'\$/(P*#&. 'f&&*\$#E, CI'@*)b#&. 'f&C,)'F0)?, #=%&E, S'UB#9' - : '! &\$, aAW:'! /,)#E%&' F*E#*=* .#E%#! ""*E#%\$#*&'! &&O%=- , , #&. <.; , &?), <^1<! 0.0"\$'3453:'

N- *#&\$), C'>0\$ __*\$'! Eb&*B=, C. , CI' (,)+*)/#&. 'Q&?#''#a=, '@*)bS'UB#9' - : '! &\$, aAW:'F*E#,\$A'+*)'\$9, ' ! C?%&E, /, &\$'+*F*E#*7\E*#* /#E''FA/8**#0/<^%/a)#C. , <- ! <dO&, '3453:'

2-7'+'-, '%) 85.2%\$*)*- () 2+4%&2.% +3*- \$9' (

'NY, \$c'''P, '\$\$* '@*)b'F\$, ?, '>%)=, Ac'''Y, . %EA#&'\$9, 'F\$OCA'+*1 EE08%\$#* &'S'UB#9'- : '>, %&, <d:.'; #>, &#. &* <%&C' ! : 'J%)O&%b%)&W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <'>*" '\$&<- ! <d0-A'343V:'

N@*)b<1 EE08%\$#* &'<%&C'Q&, eO%=#\$AS'UB#9'! : '@, "" , &C*)+<- : '- %2/%&#%&<F:' J*88/%&<F:' (*\$*E)),)<'O'! : 'Z*=/W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <F, %\$\$=, <@! <! 0.0"\$'343V:'

N! &'1 EE08%\$#* &'Y, &'**&'F*E#%=Q&, eO%=#\$AS'UB#9'F:'dEb"*&<! : 'J%)O&%b%)&<F:' J*88/%&<! : '@, "" , &C*)+<'(:'L*=&a,)\$W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <F, %\$\$=, <@! <! 0.0"\$'3433:'

[. --, /'] M'B#/'@8=*8=R'F%\$%#-T4*P, 4+; GCM#4% C*@A>/&* S%->%A+B#/'@8=* >, /, /4'F%\$%#-T4*=%0?>, 1*F/%\$, /'P, 4+; GCM#4% C*@A>/&*

N\D%/&#&. '\$9, 'Q&\$,)", E\$#* &'**+1 EE08%\$#* &'**&C' (*)+, ""#* &'**&'1). %%\$#* &'S'UB#9'- : '>, %&, <d:.'; #>, &#. &* <%&C' ! : 'J%)O&%b%)&W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <] #)\$0%<d0-A'3435:'

N_, B'; #), E\$#* &'**&'1 EE08%\$#* &'**&C' (*)+, ""#* &'S'UB#9'- : '>, %&, <d:.'; #>, &#. &* <%&C' ! : 'J%)O&%b%)&W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <] #)\$0%<! 0.0"\$'3434:'

'N>, #&. 'L9,)', k'>, #&. 'L9, /I'\\$9&*.)%89A<- , %&#&. <%&C'>, A* &CS'UB#9'- : '! &\$, aA'&C'\:'Z&%', &W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <! &%9, #/<'^! <! 0.0"\$'345T:'

N>, #&. 'L9,)', k'>, #&. 'L9, /I'L9, 'Q&\$,)", E\$#* &'**+1). %%\$#* &'%&C'1 EE08%\$#* &'%\\$9&*.)%89AS'UB#9'- : '! &\$, aA<d:.'; #>, &#. &* <%&C'\:'Z&%', &W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <] %&E*0?,)<'^! <! 0.0"\$'345:'

N>, #&. 'L9,)', k'>, #&. 'L9, /I'F\$%. , ""*+ '\&\$)A<\D#<%&C'Q&7>, \$B, , &'#&'1). %%\$#* &'%\\$9&*.)%89AS'UB#9'- : '! &\$, aA<d:.'; #>, &#. &* <%&C'\:'Z&%', &W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <(9#%C, =89#%<'(! <! 0.0"\$'345G:'

N>, #&. 'L9,)', k'>, #&. 'L9, /I'L9, 'F, =#&'1). %%\$#* &'%\\$9&*.)%89AS'UB#9'\:'Z&%', &W:!' E%C, /A'+*'- %&%. , /, &\$'! &&O%=- , , \$#&. <1)=&C* <RY<! 0.0"\$'345V:'

N- #^* &+,)&, E, '* &' ^* /8%)\$#?, '^0-\$0)%='F*E#*=. AS'UB#9'F:'>, &#, %&<>:'> * &#b* B"b#&'&C' - : 'Y%/* &\$W:\'%,)&'F*E#*=. #E%='F*E#, \$A! &&O%=- , , \$#&. <'>*" '\$&<- ! <- %)E9'345V:'

AA

Z,)* '@*)"9#8I'@9%\$'Z%88, &' '@9, &'d*a""%), '- *)%#2, C'j %Y/, =')(0)%\$1%J H\$31, /'j ' __*?:'3X<3433% Z*B'\$* >0"\$'>#%"\$' '@*)b'j 'J, 3KB5-)%=51H%* (\$#%?3\$/1' (*CE%"\$'j - %A'5H<3435' *\$%='C%\$%, &\$)A'B*)b'#''E), %\$, C', eO%='j 'NH)%G, /8)3!\$15, /'j 'R, a: 'V<3434:' Z*B'FO)?, #=%&E, '^9%&. , "">, 9%?#*')j '* Z5, f&, #j %F, 8:'6<345X' g*0)' \ /8=*A,) - %A'a, 'F8A#&. '* &'g*0'j '7&5)/15-5&#* #)35&\$/%j ' ! 0.:'5T<345X' L9, 'R#&, 'Y#&, 'a, \$B, , &' ^*,)E#* &'%&C' ^%), 'j 'G, #/#"/5&\$15, /!% -%H)%* G. 'j ' ! 8):'5<345X' L9, '\ /8=*A,)'FO)?, #=%&E, 'F\$%\$, 'j 'NH)%* 1'\$/15&%j '1 E\$:'5` <345H'

^* &'O-\$#&. '! ""*E#%\$, <Q&&*""#. 9\$'	'	'	'	'	'	3455'
^* &'O-\$#&. '! &%=A"\$<Q&&*""#. 9\$'	'	'	'	'	'	344H73454'