

; > / # 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, /% /%1H)%7, &5, ', 0+%-G''1''3)) =!)1)3F'3TU5W'5`:'

! &\$, aA<- : '%&C'^:'J:'^9%&:'345V:'N0&?#'#a=, '@*)bS'#&'7, &5, ', 0+%-J , 3K:%*/%>/&+&'E)(5\$<', C:'] : 'F / #9' %&C'd:'P:'P*='* &:'L9*0"%&C'1%b"<^! I'F%. , <G`G7G` T:'

^9%&<^:'J:'345V:'N>*b' [, ?#, BI' . , /)+*% 1%J , 3K:%4/%1H)%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). %%\$#* &'< ' ! E%C, /A'+*- %&%. , /, &\$<- %&%. ,)#%-'O' 1). %%\$#* &'<^* . &#&#* &'; #?#'#* &' * (#5/5!13\$158)%7&5)/&9"\$31)3'+! B%)C'+*)'FE9*%-)A'^* &#&#a0\$#* &' 3433	
10\$), %E9'! B%)C<! E%C, /A'+*- %&%. , /, &\$<' 1). %%\$#* &'"%&C'\$9, '_%\$0)%=' '\&?#)* &/, &\$%'&C'F*E#%#Q""O, ""#&' - %&%. , /, &\$'; #?#'#* &' * &\$()#%+-% \$/\$0#)/1%* // '\$!'] * =0 /, '54'>, "\$' (%8,)! B%)C' ' 3456	
F%)*K' (%)%"O)%/&'! B%)C'+*)' 10\$"\$%&C#&. '; #?,)"#A' (0a=#E%\$#* &< ' ! E%C, /A'+*- %&%. , /, &\$<'; #?,)"#A' \e0#A<'O'Q&E=0"#* &'; #?#'#* & @A""! B%)C'+*)'; #"" ,)\$%\$#* &' \DE, =, &E, <Z%)?)C'>0"#&, ""FE9**=' ' 345T	
>, "\$'F\$OC, &\$' (%8,)! B%)C<! E%C, /A'+*- %&%. , /, &\$<' 1). %%\$#* &'O' - %&%. , /, &\$'L9, *)A'; #?#'#* & L9*/%""L, /8=, 'Z**8, "" (#2, '+*)'f&C, .) %CO%\$, 'L9, ""#""\DE, =, &E, <' Z%)?)C'^* =, . , ' 344H'	
+ ' * , &\$- 3) * 1 * + (% #	
L, %E9#&. 'F%)<'>*"\$* &' ^* =, . , '^%) * =FE9**=*+*- %&%. , /, &\$" (* , "\$"O'h0h&\$\$"L*8` 4'>, "\$'f&C, .) %CO%\$, '>0"#&, ""FE9**= () * +, ""*)"" 343V<3433<3434	
, ' +O\$, ') * 1 * + (% #	
430\$/56\$15, /%7&5)/&)%1 0\$"\$%&C#&. '[, ?#, B,)! B%)C' ' ' ' 343G'	
* &\$()#%+-% \$/\$0#)/1(C)85)=' 1 0\$"\$%&C#&. '[, ?#, B,)! B%)C' ' ' ' 343V<345X	
* &\$()#%+-% \$/\$0#)/1(C)85)=' 1 0\$"\$%&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 &'@)#\$#&. !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=&, ""'!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), !'; *#&. '%&C'f &C*#&. ' _*) /%\$#?, '^* &\$)*=S' ! E%&, /A'*+' - %&%. , /, &\$!' &&O%=' - , , #&.<! %&9, #/ <^! <! 0.0"\$'345T:'

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

NL%"b'F, .), .%\$#* &'! ""'- , E9%&#'/+*)'@*)b'Q&, e0%=#\$AI'@* /, &'%&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%\$*)*- ()22+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:'d%Eb"*&<! : '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* = %D?>, 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%=- , , \$#&. <] #)\$O%=<d0-A'3435:'

N_, B'; #), E\$#* &'**&'1 EE08%\$#* &'**&C' ()*, ""#* &'S'UB#9' - : '>, %&, <d:.'; #>, &#. &* <%&C' ! : 'J%)O&%b%)%&W:!' E%C, /A'+* - %&%. , /, &\$'! &&O%=- , , \$#&. <] #)\$O%=<! 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%\$#* &'**&C' \ \$9&*.)%89AS'UB#9' - : '! &\$, aA'<d:.'; #>, &#. &* <%&C' \:'Z%&', &W:!' E%C, /A'+* - %&%. , /, &\$'! &&O%=- , , \$#&. <] %&E*O?,)<^! <! 0. 0"\$'345:'

N>, #&. 'L9,) , k'>, #&. 'L9, /I'F\$%. , ""*+ '\&\$)A<\D#<%&C'Q&7>, \$B, , &'#&'1). %%\$#* &'**&C' \ \$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). %%\$#* &'**&C' \ \$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'