

0.*; ; E 0,0 2**, 03 : *9 9*=4B,-1+ L " M] ON6@OOT
!" " #&%() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %#6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

!" #&%&' (\$) *+, -.-/0,-1+ 1. ,2* 3453,0+/*67 -8,49* 0+) 1. ,2*
/17 : 0+; 64+) *9,0<-+=

' > ?91) 4/, -) *+, -.-*9

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

' >@A*B*C0+, -) *+, -.-*) 43*3 1. ,2* 3453,0+/* 197 -8,49* 0+) 43*3 0) C-3*) 0=0-+3,

3#(#2' 4, & #4, & #4, +6#6 7+8&&\$9 5 \$ * #4, ' (, # % 4! (! ; 9

' >D E *,0-BB 1. ,2* 34: : B*9 1. ,2* 30.*; ;) 0,0 32**,

!" <' 49 *#6&4', &4 =) *#4, 0" >=
?@\$@A&,\$% .,\$ B# C
DEFGG 0! ,, " ' *&; #4
HGI DDJ K J E KK LGG
HGI DDJ K J K I D KFJ
&5 M: <*#4,N% "

3#6<! 46&(# A#<' \$," #4,

=) *#4, 0" >= O?@\$@A&,\$% .,\$ 66# C ODEFGG 0! ,, " ' *&; #4 O
HGI DDJ K J E KK LGG OHGI DDJ K J K I D KFJ OP! 4, ' P,M: < *#4,N% "

' >F !7 *9=*+ / ; , *B*: 21+* +47 5*9

? " # \$, #4% , #(#<: !4#4+" >#\$ A+\$&; !<#4&; : !+\$6QHGI DDJ K J E KK LGG R<#4&; : !+\$6 S! T:
5\$! " ENJL 'N N,! C<N N1 / \$ 5\$! " LENJL 'N N,! G<N NU?TW

!" #&%& @(G0H09) 3 -) *+, -.-/0,-1+

@> " B33-.-/0,-1+ 1. ,2* 3453,0+/* 197 -8,49*

(' 66& , &4 ' % \$ * &; , ! 3#; /(' " NV&NFY=FFC
+(' , &4 U V- ! NKDF1FLLE . P& Z\$&Nj
?9# Z\$&NFY=J KI
3#<\$NFY=J [K*
. TRT . ? J Y= =J J [
7X+', &%7% , # KY=GLL
7X+', &% : \$! 4&%FY=GKK

@@I 05*B*B*7 *+,3

= ' \ ' \$* < &%! ; \$ "



0=. LF



0=. LD



0=. LE



0=. LI

= 6, ' , # ' #4, 16V

= FFCQ= &: (9 5' " " ' >(# (&+&' 4* 2' <! +\$N
=J KI Q ' +6#6 6#\$& +6 #9# &\$&' , &4N
=J J [QS ' 9 % +6# * \$! @6& #66 ! \$ * & \ & #66N

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #\$\$%&() \$! *+% - ' " # Q. +\$#/ & 0! (*1. &2#\$\$



3#2&&4 A', # QFJ NLENFLKI
] #56&4 QKNK 1#4

3#<(' %6 2#56&4 5\$! " QFFNLENFLKI
) \$&, *, # QFJ NLENFLKI

) 6, ', # ' #4, U6V

=J [K*Q. +6<#%#* ! 5*' " ' ; &; , : # +4>! \$4 % &*N
= GLLQ] #9, ! 8&, ! ' X+', &(5#N
= GKKQT! 8&, ! ' X+', &(5# @&: (! 4; (' 6, &; #55#%6N
) FLKQR>, ' & 6<#%&(&6, \$+%& 46 >#5 # +6#N
) FLFQA! 4!, : ' 4*(# +4, &' ((' 6' 5# 9 <#% +, & 46 : ' 2# >##4 \$# ' * ' 4*
+4*#\$6, !! *N
) FKLQ^##< '@' 9 5\$! " : # , _ : ! , 6+\$5 %6_6<' \$P6_! <#4 5' " #6' 4*
!, : \$ \$ & 4&&4 6! +\$%#6N- ! 6" ! P&; N
) FJ CQ^##< %! (N
) FGLQ0 \$! +4* ' 4* >! 4* % 4, ' & \$ \$ ' 4* \$#%#&2&; #X+&" #4, N
) FGKQ? 8<(! 6& 46; #6% ` , \ , # U#(P, \$5% #1W 5+4; 6 1a#(#+% , +4; 6 1V
0 # \$ b, # 2#\$@#4* #4N
) FGFQc 6# 4! 4 6<' \$P&; , !! (6N
) FGj QT' P# ' %& 4 , ! <\$#2#4, 6, ', &* & % ' \$; #6N
) F[KQ72! & >\$# , : &; * +6, 15+ " #1; ' 61" &, 12' <! +\$616<\$' 9N
) F[GQ- ' % 0#>\$' +% ; \$' 4*(8% @' 6% #4N
) FDKQc 6# ! 4(9! +, *!! \$6! \$ & ' @#(2#4, & , #* ' \$# N
) FDJ Q72! & \$##(# 6# , ! , : # #42\$! 4" #4, N
) FELQd # \$ <\$! , #%&# ; (! 2#61<\$! , #%&# %! , : &; 1#9# <\$! , #%& 415 %#
<\$! , #%& 4N
) J L J H) J [KH) J C J QZ R- . ^Z U \$: ' & VQT' P# ! 55 & " #* & , #9' ((% 4
, ' " & , #* %! , : &; N3 & 6# 6P& @&: @' , # \$ U \$ 6 : ! @#\$N
) J LGH) J KFQZ , : # #2#4, ! 5 & : ' (, & 4QZ9! + 5##(+4@#(_ % ((, : #
) RZ R- Z /R3S 7TR- ?- T3? ! \$*! %! \$N
) J LCH) J CKH) J J EQZ Z ?e?. Q3 & 6# % +, & +6(9 @&: @' , # \$ 5 \$ 6#2#\$' (
" & +, #6N3# ' ! 2# % 4, ' % (#46#6_ & <\$#6#4, ' 4* # 69 , ! *! N ! 4, & + #
\$&6&; N
) J LEH) J KKQZ #8<! 6#* ! \$ % 4#%\$4#*Q ' ((') RZ R- ?- T?31*! %
, ! \$1 N
) J J FH) J KJ QZ 6P& &\$&' , & 4 ! %6+ \$6Q0 #, " #* & (' * 2' , , #4, & 4N
) J J DH) J KJ QZ #9# &\$&' , & 4 <#56&, 6Q0 #, " #* & (' * 2' , , #4, & 4N
) J GLQ3# ' ! 2# <#56! 4 , ! 5#6: ' & ' 4* P##< % " 5 \$, >(# 5 \$ >\$# , : &; N
) J DLH) J DEQa#&a\$ 4*Q\ + " W 6% #4 2#\$@#4* #4 6## % ' <, # \$ C
) J I KQ ! ((#% 6<&' ; #N
) GLJ H) FJ J Q. , ! \$ # & ' @#(2#4, & , #* <(' %N^##< % 4, ' & # \$, & : , (9
% ! 6#* N
) GLCQ , ! \$ # (! %P#* +<N
) CLKQA &<! 6# ! 5 % 4, #4, 61% 4, ' & \$ \$, ! A &<! 6# ! 5 @' 6, # ' % % \$ * & ; , !
' <<(& >(# (#, & (, & 4N

0.*;; E 0,0 2** , 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #9%&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] #9%&4 QKNK 1#4

3#<(' %6 2#9%&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

!" #9%& D(" 17 : 13,-,-1+6-+.197 0,-1+ 1+ -+=9*) -*+,3

D>@J -8,49*3

G0H09) 143 -+=9*) -*+,3

\$+=9*) -*+, >+', 4! 4#Y#,: 9(" #,: 9(P#,! 4#	" K &1> 7. -!NQDE IJ J ? -!NQFLK KCI L Z*#8 -!NQ [L[LLF LL J	" B33-.-/0,-1+ U " M @N@6@OOP /(' " NV&NFY=FFC ?9# Z\$&NFY =J KI .TRT .? JY=J][	" 1+/*+,90,-1+ ' <<\$! 8NCLNL DCNL g >9 @#&: ,
! <<#\$	7. -!NQDGL CL E ? -!NQFJ K KCI [		' <<\$! 8NKLNL FCNL g >9 @#&: ,
7(+ " &4&" +4* 6#&# R8&#	7. -!NQDGI IL C ? -!NQFJ K LDF J Z*#8 -!NQ LKJ LLF LL K	) 9\$N.!(NKY=FCL d',#\$ \$# %NFY =F[K	' <<\$! 8NKLNL FCNL g >9 @#&: ,
\&4%<! @*#\$ \&4%*+6, U,' >&6#*V	7. -!NQDGL [[[] ? -!NQFJ K KDC J Z*#8 -!NQ LJL LLK LK I	7X+', &67%+, # KY=GLL 7X+', &6 : \$! 4&6KY=GKL	' <<\$! 8NKNL KNLNL g >9 @#&: ,
,! (+#4#	7. -!NQKLE EE J ? -!NQFLJ [FC I Z*#8 -!NQ [LK LFK LL J	/(' " NV&NFY=FFC 3#<\$NFY =J [K* 76<NT! 8NKY=J LG .TRT 3? F Y=J DJ .P& Z\$&NFY=J KC .TRT .? JY=J][	' <<\$! 8NKNL g >9 @#&: ,

!" #9%& F(Q-93, 0-) 7 *0349*3

F> E *3/9: , -1+ 1. -93, 0-) 7 *0349*3

0 #4#\$ (' *2&#

0#, " #* &6 (' *2' ,, #4, &4 &9! + 5##(+4#@((N
- #2#\$; &2# ' 49: &4; >9 " !+, : ,! ' 4 +4% 46%& +6 <#\$6! 4! \$' <#\$6! 4
&@: %\$ " <6N

Z&: '(#*

3# " !2# % 6+' (, 9, ! 5\$#6: ' \$' 4* P##< @' \$' ' 4* ', \$#6, NZ4 % 6#! 5 \$
\$#, +(' \$>#\$' ,: &4; ! \$ \$#6<\$' ,! \$9' \$ \$#6, <\$! 2&# ' \$, &6&(\$#6<\$' , &4N
Z4 % 6#! 5+4% 46%& +64#66; &2# 4! ,: &4; >9 " !+, : _<(' %6 &4 \$#% 2#\$9
<! 6& &4 ' 4* 6##P " #* &6 (' *2&#N

Z4 % 6#! 56P& % 4, ' %

75, \$ \$ % 4, ' % @&: 6P&_ , ' P#! 55 & " #* &, #9' ((% 4, " &4' , #* %! , :
&4; _ ' 4* @' 6: & " #* &, #9 @&: <(#4, 9! 5 @' , # \$' 4* 6! ' <N

Z4 % 6#! 5#9# % 4, ' %

Z4 % 6#! 5% 4, ' % @&: #9#6 5+6: & " #* &, #9 @&: <(#4, 9! 5 5! @&4;
@' , # \$ 5 \$ KL ,! KC " &4+ , #6 : ! (*&4; #9#(&6 ' <' \$, ' 4* % 46+(, ' 4! <:
, : ' (" ! (!; &6, N

Z6@' (! @#*

Z . d 7VWR d ?AQZ' " #* &, #9 % ((' *! %! \$NA! - RT &4*+%# 2! " &4; N

F>@J 13, -7 : 19,0+, 3; 7 : , 17 3 0+) *..*/ , 3R51, 2 0/4, * 0+)) *B; *)

.9" <, ! " 6

Z4: '(, &41Z4; #6, &4Q.!(2#4, 2' <! \$! \$ " &6, % 4 % +6#: # *' % #_4' +
6# _ * & \ &4#66_ &4! \$* &4' , &4_6, +<! \$ _ \$ \$ \$, &4! 54! 6#_ , : \$! , _ ' 4*
(+4; 6NZ\$& , &4! 5* & #6, &2# , \$ % N- # \$ 2! +6 696, # " * < \$ # 66 & 4 U
, & + # _ * \$! @6B_ * & \ &4#66V
. P&41?9#6Qa+\$4&4; _ , # \$&4; _ \$* 4#66 ' 4* 6@#(&4; ! 5#9#6_ , \$ 46,
% \$4# (&4h \$9_ * \$9&4; ' 4* % \$ % P&4; ! 56P&4N

0.*;; E 0,0 2** , 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #\$\$%&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] # \$6&4 QKNK 1#4

3#<(' % #6 2# \$6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

Z/ Z ?e?. QS ' 9 % +6# , # \$& ; _ 6, & ; & ; _ \$ # * 4 # 66 _ & \$ \$, & 4 _ ' 4 * > + \$ 4 6 N
Z/ Z = 7 W A Q Z \$ \$, & ; , ! \$ # 6 < \$ \$, ! \$ 9 , \$ % N) \$! (! 4 : # * ! \$ \$ # < # , # *
> \$ # , : ; & ; ! 5 2 # \$ 9 : & : 2 ' < ! \$ % 4 % # 4 , \$, & 4 6 % + 6 # # + < : ! \$ & _ # 8 % &
, ' , & 4 _ ' 4 * * & \ & # 6 6 _ : # ' * % # 6 _ 4 ' + 6 # _ ' 4 * 2 ! " & & ; _ ' > * ! " &
4 ' (< ' & _ 5 , & + # _ " + 6 % (' \$ @ # P 4 # 6 6 N 7 6 < & \$, & 4 & , ! , : # (+4 ; 6 % 4
% + 6 # - . U # 4 , \$ (4 # \$ 2 ! + 6 6 9 6 , # ' V ' 4 * 6 + > 6 # X + # 4 , ' 6 < & \$, & 4 & , !
, : # (+4 ; 6 % 4 % + 6 # < + (" ! 4 ' \$ 9 # * # ' ' ' 4 * % # ' & 6 (< 4 # + " ! 4 & * #
< \$ # 6 6 & 4 N : \$! 4 & 6 ! 2 # \$ # 8 < ! 6 + \$ # & : & : % 4 % # 4 , \$, & 4 6 " ' 9 < \$! * + % #
- . * # < \$ # 6 6 & 4
) \$! (! 4 : # * ! \$ \$ # < # , # * 6 P & % 4 , ' % " ' 9 % + 6 # " ! * # \$, # , ! 6 # 2 # \$ #
& \$ \$, & 4 & % + * & ; & % & ; ' 4 * \$ # * 4 # 6 6 ! 5 , : # 6 P & _ * # 5 , , & ; _ ' 4 * 1
! \$ * # \$ ' ' , & & N T : & < \$! * + % % 4 ' (6 ! > # ' > 6 ! \$ > # * , : \$! + ; : , : # 6 P &
' 4 * < \$! * + % # - . 6 9 " < , ! " 6 N. & ; (# < \$! (! 4 : # * # 8 < ! 6 + \$ # & 4 ! , (& #
(9 , ! \$ # 6 + (, & , : # < \$! * + % > # & ; ' > 6 ! \$ > # * , : \$! + ; : , : # 6 P & & : ' \$ ' 5 + (
' " ! + 4 , 6 N

! " # \$ % & S (Q - 9 * . - = 2 , - + = 7 * 0 3 4 9 * 3

S > ! 8 , - + = 4 - 3 2 - + = 7 *) - 0

. + & ' > (# # 8 , & ; + & : & ; " # * & d ' , # \$ 6 < \$ 9 h # , _ A \$ 9 # 8 , & ; + & : & ; < ! @ * # \$ _ ' (% : ! (\$ # 6 & , ' 4 , 5 ' " _
' \$! 4 * & 8 & # U R F V

? 8 , & ; + & : & ; " # * & @ : & % " + 6 , / + ((@ ' , # \$ h # ,
4 ! , > # + 6 # * 5 \$ 6 ' 5 # , 9 \$ # 6 ! 4 6

S @ : * / - 0 B 2 0 H 0 9) 3 0 9 - 3 - + = . 9 1 7 , 2 * 3 4 5 3 , 0 + / * 1 9 7 - 8 , 4 9 *

. < # % & (# 8 < ! 6 + \$ # : ' \ ' \$ * 6 ' \$ & & ; = 9 * \$; # 4 ; ' 6 _ + R _ i 4 R
5\$! " , : # 6 + > 6 , ' 4 % # ! \$ < \$ # < ' \$] ! 4 = & \ # _ : # 8 # 4 R > # \$ 5 (b % # 4 _ / + 4 P # 4 _ ! 5 5 # 4 # 4 / (" " # 4 6 ! @ # ' 4
, & 4 & 6 # (5 _ & 6 % " > + 6 , & 4 < \$! * * # \$ # 4 i ` 4 * X + # (# 4 ' \$, # 4 5 # \$ 4 : ' (, # 4 N - & % , \$ + % # 4 N
+ % 6 _ ! \$ \$ # (# 6 # * ; ' 6 # 6 ^ # # < % ! (N
0 \$! + 4 * 1 > ! 4 * % 4 , ' & # \$ ' 4 * \$ # % # & & ; # X + & " # 4 , N
? 8 < (! 6 & 4 6 ; # 6 % ` , \ , # # (# P , \$ & % # 0 # \$ b , # 1 W 5 , + 4 ; 6 ' 4 (' ; # 4 1 a # (# + %
, + 4 ; 6 ' 4 (' ; # 4 1 2 # \$ @ # 4 * # 4 N
/ + 4 P # 4 6 & % # \$ # 6 d # \$ P \ # + ; 2 # \$ @ # 4 * # 4 N
T ' P # < \$ # % + , & 4 ' \$ 9 " # 6 + \$ # 6 ' ; ' & 6 , 6 , ' , & * & % ' \$; # 6 N
, , ' + > 1 3 ' + % 1 0 ' 6 1 - # > # (1 A ' " < 5 1 7 # \$! 6 ! (4 & % , # & ' , " # 4 N

S > D K) C - / * . 1 9 . - 9 * . - = 2 , * 9 3

7 * * & & 4 ' (& 5 \$ ' ' , & 4 ! 4 5 \$ # d # \$ ' 6 # (5 % 4 , ' & # * > \$ # , : & ; ' < < ' \$, + 6 ' 4 * % # ' & 6 (< \$! , # % & #
5 & : , & ; % ! , : & ; N ! ! (% ! 6 # * % 4 , ' & # \$ 6 , : ' , ' \$ # 4 # \$, : # 6 ! + \$ % # ! 5 ; : # 5 \$ # N
/ ! \$ 6 " ' ((> ! , , (# Q . " ! , : # \$ @ & : @ ' , # \$ _ @ # , > (' 4 P # , ! \$, ! @ # (N
] ' < ! + \$ % 4 , \$ 2 # (% 4 6 & \$ \$ ' > (# * & , ' 4 % # 6 , ! ' 6 ! + \$ % # ! 5 & 4 & & 4
@ : # \$ # , : # 9 % 4 & 4 & # _ 5 ' 6 : > ' % P _ ! \$ # 8 < (! * # N Z 4 + 6 # _ " ' 9 5 \$ ' 5 " "
" ' > (# 1 # 8 < (! 6 & # 2 ' < ! + \$ ' & " & , + \$ # N
- # 2 # \$ + 6 # @ ' , # \$ N Z 4 % 6 # ! 5 5 \$ # _ + 6 # * \$ 9 6 ' 4 * N A ! 4 ! , + 6 # : ' (! ; # 4 ' , # *
: 9 * \$! % \$! 4 # 8 , & ; + & : & ; ' ; # 4 , 6 N

0.*; ; E 0,0 2** , 03 : *9 9*=4B, -1+ U " M] ON6@OOT
!" " #9%&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&& 4 A', # QFJ NLENFLKI
] # \$6& 4 QKNK 1#4

3#<(' %6 2# \$6& 4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

! " #9%& T(K// -) *+, 0B9*B*03* 7 *0349*3

T> ?*931+0B: 9*/04, -1+3R: 91, */, -C* *U4-: 7 *+, 0+) *7 *9=*+ /; : 91/*) 49*3
) # \$6! 4' (<\$#% +, & 46 d # \$ <# \$6! 4' (<\$! , %& 4 #X+&" #4, U\$#5\$ \$, ! 6#%& 4 EVN

T>@! +C-91+7 *+, 0B: 9*/04, -1+3

?42& \$! 4" #4, ' (<\$#% +, & 46 A! 4! , ' (! @, ! #4, # \$ & \$, ! 6+\$5 % # @, # \$! \$ * \$ & 46N
d' 6: : ' 4*6 >#5 \$ # # , & ; _ * \$ & P & ; ! \$ 6" ! P & ; N
d' 6: % 4, ' " & ' , # * % ! , : & ; < \$ & \$, ! \$ # +6#N

T>D J *, 21) 3 0+) 7 0, *9-0B.19 /1+, 0-+7 *+, 0+) /B*0+-+= 4:

S #, : ! *6 5 \$ % # 4 & ; +<] # \$6% ` , , #, # S #4; #4 ' +54# : " #4N3# " ! 2# ' ((6! +\$%#6 ! 5 & 4 & & 4N
3# " ! 2# <# \$6! 46 , ! 6' 5# , 9N] #4, & , # ' 5#%#* ' \$ # N. <%#& (* ' 4; # \$
! 56(&<& & ; >9 (# P & ; 16<& (& ; <\$! *+%N7>6! \$ > @& : (& +& >& * & ;
" ' , # \$ & (U#N] N6' 4*_* & , ! " ' % # ! +6 # \$: _ ' % & ! \$ +4 & # \$6' (>& * & ;
' ; #4, 6WA' " <517 # \$! 6! (4 & 6 , # & ' , " #4N
A & <! 6# ! 5 @' 6, # ' % 0 \$ * & ; , ! ' << (& > (# #, & 4N
A! 4! , ' (! @, ! #4, # \$ & \$, ! 6+\$5 % # @, # \$! \$ * \$ & 46N
/! \$ * & % \$ * _ , : & & % ' 6658# * ' 6' : '\ ' \$ * ! +6 @' 6, # @& : , : # % ' \$ % # \$
& , & ! 5 & 4 & ' > & & 9' 4* , ! 8 & & 9N
/! \$ 6" ' ((X+ ' 4, & 9 6<& (6_ ' (! @ 6! (2#4, & <' <# \$, ! @# (, ! #2' <! \$, # &
@# ((2#4, & , # * ' # \$ 6 ! \$! + , * ! ! \$ 6 U \$ # 5 \$ # * * W

! " #9%& N(G0+) B+= 0+) 3, 190=*

N> ?9*/04, -1+3 .19 30.* 20+) B+=

7*2& #! 4 6' 5# : ' 4*(& ; 0 \$! +4* ' ((% 4, ' & # \$6 @: #4, \$ 465# \$ \$ & ; " ' , # \$ & (N) # \$ & * & 6 ((9 % # 4
4#%P ! 5> ! , , (# ! 5 \$ # 6 & ! +6 > + & * +< U % # 4 & 6 & # ! 5 % <V, ! " ' & , ' &
<\$! <# \$ 6# (NA! 4! , 6" ! P# @: #4 +6 & ; N7 ** , : & 4 # \$ ' 6 4 # # * * * _ , !
P##< <\$! <# \$, : & 4 # 66 ! 5" ' , # \$ & (Q

N>@ " 1+) -, -1+3 .19 30.* 3, 190=*R+ /B4) -+= 0+; -+ /17 : 0, -5-B, -*3

., ! \$; # 6<' % # ' 4* % 4, ' & # \$ \$ # = ' 4*(# % 4, ' & # \$6 % # \$ + ((9, ! <\$#2#4, * " ' ; # ' 4* 6<& ' ; #N
X+ & # ' #4, 6
= & , 6 ! 4 6, ! \$; # ' 66# " >(9 72! & Qd ' , # \$ _ ' % & 6_ ' (P' (& _ % (! \$ & ' , # * 6! (2#4, 6
., ! \$; # 6<#% & , & 46 W & & 6, ! \$; # ! 5 5' " " "> (# " ' , # \$ & (, ! ' <<\$! 2#* ' \$ # 6N. , ! \$ # > ! , , (#
' @' 9 5\$! " : # , N^##< '@' 9 5\$! " ! <#4 5' " # ! 5> +4#4 > + \$4 # \$! \$ 5+ \$
4' % # N^##< % 4, ' & # \$6 , & : , (9 6# (# * N7 2! & 6, ! \$ & ; 4# \$ ' % & 6_ % (!
\$ & , # * 6! (2#4, 6N. , ! \$; #, # " <Q[Lj 1KGLj / " & N ! 4, ' & # \$6 " ' 9 > #
: '\ ' \$ * ! +6 @: #4 # " <, 9N? " <, & * % 4, ' & # \$6 % 4, ' & \$ # 6 & + # N

N>D : */-.-/ *+) 43*L3M

.<#% & 6# 6V - ! & 5 \$ ' , & 4 ' 2' & ' > (#N

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ L " M] ON6@OOT
 ! " # \$ % & () \$! * + % - ' " # Q . + \$ # / & 0 ! (* 1 . & 2 # \$



3#2&&4 A', # QFJ NLENFLKI
] # \$ & 4 QKNK 1#4

3#<(' % # 6 2# \$ & 4 5\$! " QFFNLENFLKI
) \$ & , *', # QFJ NLENFLKI

! " # \$ % & P (! 8: 1349* / 1+, 91 B6: *931+0B: 91, *, -1+

P> " 1+, 91B: 0907 *, *93

54, 0+1+*V*, 2; B7 *, 2; B<*, 1+*

W*97 0+;					
X0B* 6 :: 7	X0B* 6 7 =67 D	" *-B+= I-7 -, X0B*	A*7 09<3	\$34-+=) 0,*	149/*
FLL	[LL	KLV	kKV kFV	LK1L[	T30. ILL

kKvQ. #4', # ! " # \$ % & 4 ! 4 , : # T # 6, & ; ! 5 = # (: = \ ' \$ * ! + 6 S ' , # \$ & (6 ! 5 : # 0 # \$ ' ' 4 3 # 6 # \$ % ! " " + 4 & 9 N ? + \$! < # 4 c 4 & 4 N I) = 3 Q ! % (Y
 kFVQ7 0 d m A ? m Q =) ! 7 \$ & P ! 5 * ' ' ; # , ! , : # 5 \$ & 4 # # * 4 ! , > # 5 # \$ # * & , : # @ ! \$ P < (' % # (& & 2' (+ # ' 4 * , : # > & (! ; & % ((& & 2' (+ # l a 0 d V' \$ # ! > 6 # \$ 2 # * N

W*97 0+;					
W*97 0+;	? 0907 *, *9	#*3, 7 0, *9-0B	07 : B+= , -7 *	\$34-+=) 0,*	149/*
F " ; 1(	F a + , ' 4 ! 4	c	>	LC1FLKC A/0	T30. ILL

! 491: *					
I1+= , *97 *8: 1 349* C0B* 6 7 =6 7 D	I1+= , *97 *8: 1 349* C0B* 6 7 =6 7 D	219, , *97 *8 : 1349* C0B* 6 7 =67 D	219, , *97 *8 : 1349* C0B* 6 : : 7	\$34-+=) 0,*	149/*
[LL	FLL	ILL	J LL	FLLL1] I	AZ? T? ? FLLI 1K[K1?c

E *+7 09<					
X0B* 6 :: 7	X0B* 6 7 =67 D	&1,*		149/*	
CL	KGC	? =		a#P#4*, ; n\$#(6#! " o 4 * \$ & ; ' 5 > #P#4*, ; n\$#(6#! " ; \$o 46#2o \$* & \$ \$ NNN	

&19Y 0;					
X0B* 6 :: 7	X0B* 6 7 =67 D	149/*			
DC	FFL	] # & # * 4 & ; ! " ' * " & & \$, & # 4 ! \$' # \$ \$ \$ \$ \$ + \$ # 4 6 4 & ; & \$ > # & 6' , " ! 65o NNN			

Y *) **					
I1+= , *97 *8: 1 349* C0B* 6 7 =6 7 D	I1+= , *97 *8: 1 349* C0B* 6 7 =6 7 D	219, , *97 *8 : 1349* C0B* 6 : : 7	219, , *97 *8 : 1349* C0B* 6 7 =67 D	\$34-+=) 0,*	149/*
CL	KCL	J LL	ILL	FLKC	=e0Z- Z^7 03p- .] p3 A?- R = qT 0p3A?3 S RT W / T / r 3R3?- Z 073 FLKKQE

Q+ B+)					
219, , *97 *8: 1349* C0B* 6 :: 7	219, , *97 *8: 1349* C0B* 6 7 =67 D	A*7 09<3	\$34-+=) 0,*	149/*	
KLL	J LL	. P&	FLLC	=TT) ' \$! , FLKFQ =7Z7WVZ Z. ZTc- - ?TcT) ZRZ ccA?T	

0.*; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOT
 ! " " #9&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&4 A', # QFJ NLENFLKI
] #6&4 QKNK 1#4

3#<' %6 2#\$6&4 5\$! " QFFNLENFLKI
) \$4, *', # QFJ NLENFLKI

?1B+)		
I1+= ,*97 *8: 1349* COB*6 7 =67 D	219, ,*97 *8: 1349* COB* 6 7 =67 D	149/*
GCL	ILL	3Ri)R3i7Ai?- Z SZ ZT37)37 e Z)RW e^Z.)RW i - ?sKV\ *4& K[% # \$@NN

K43,9-0								
K9*0 1. COB) -;	I1+= ,*97 *8: 1349* COB*6 : : 7	I1+= ,*97 *8: 1349* COB*6 7 =67 D	219, ,*97 *8: 1349* COB* 6 : : 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	E 490,-1+	Q9*U4*+;/ : *9 32-.,	<-+ 9* 319: ,-1+ 6 3*+3-5-B 30,-1+	149/*
S 7^	KLL	FIC	FLL	CIL	J L U \$ @V	G8	=	.,! 5(8,# U \$ 7^ d # \$, # +4* T3^ d # \$, # FLKFV

Y -, H*9B+)						
I1+= ,*97 *8: 1349* COB 4*6 : : 7	I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 : : 7	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	&1,0,-1+3	" 9,-/0B,18/-/ ;;	149/*
FLL	CIL	FLL	CIL	= a ..	- . R7d	.c] 7 . @&\ # \$ (' 4* FLKD

Z K LK" W\$GM			
219, ,*97 *8: 1349* B7 -,	I1+= ,*97 COB*	[03-3	149/*
J LL <<"	FLL <<"	Z\$&', &4_ - .	7 0Z T: \$#6: ! (* W& &]' (+#6 5 \$: #' 86 (. +> 6, ' 49#6 FLLE

: 0-+					
I1+= ,*97 *8: 1 349* COB*6 : : 7	I1+= ,*97 *8: 1 349* COB*6 7 =67 D	219, ,*97 *8 : 1349* COB* 6 : : 7	219, ,*97 *8 : 1349* COB* 6 7 =67 D	&1,*	149/*
FLL	[LL	J LL	I LL] W \$ _] WZ	W" *# #8 <! 68&u4 <\$! 5#6&4' (<' \$ 7; #4, #6 v +t" 86 6 FLKG

Q90+/*								
I1+= ,*97 *8: 1349* COB*6 : : 7	I1+= ,*97 *8: 1349* COB*6 7 =67 D	219, ,*97 *8: 1349* COB* 6 : : 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	A*7 09<3	#] ? +\	Q# +\	\$34-+=) 0,*	149/*
FLL	[LL	J LL	I LL	3&P! 5 <#4#,\$,&4 &!, : # 6P&N	EG	KG	FLLD] ' (#+ \$6 (& *w#8<! 6& ,&4 <\$! 5#66&4#((# '+8 ' ; #4,6

0.*; ; E 0,0 2** , 03 : *9 9*=4B, -1+ U " M] ON6@OOT
 ! " " #9&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#\$



3#2&&4 A', # QFJ NLENFLKI
] #6&4 QKNK 1#4

3#<(' %6 2#\$6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

						% & &+#6 #4 NNN
--	--	--	--	--	--	--------------------

[*B-47					
I1+= ,*97 *8: 1349* COB! *6 : : 7	I1+= ,*97 *8: 1349* COB! *6 7 =67 D	219, ,*97 *8: 1349* COB! * 6 : : 7	219, ,*97 *8: 1349* COB! * 6 7 =67 D	149/*	
FLL	[LL	J LL	I LL	V&6, # * # 2' (#+\$6 (& *v#8<! 6&&46 <\$! 5#66&44#(#' +8 ' ; #4,6 NNN	

&*, 2*9B+) 3				
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	<-+ 9*319; ,-1+ 6 3*+3-5-B -30,-1+	149/*	
CIL	I LL	=	V&6, " #, @#, #(&P# ; \$46@' '\$*#4 FLKK	

W9*0, [9-, 0-+					
I1+= ,*97 *8: 1 349* COB! *6 : : 7	I1+= ,*97 *8: 1 349* COB! *6 7 =6 7 D	219, ,*97 *8 : 1349* COB! * 6 : : 7	219, ,*97 *8 : 1349* COB! * 6 7 =67 D	A*7 09<3	149/*
FLL	[LL	J LL	EII	' 4 ># ' >6! \$>#* ,: \$! +; : ,: # 6P&N	?=GL1FLLC d! \$P <(' %# #8<1 6+# (& &6 UFLKKV

" H*/2 A*: 45B/				
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	&1, *	149/*	
[LL	I LL	Z	- 73xi ?- x] WY Ae \# *4# KFN\$! 6&4%# FLLD P#, #9" 6# 6, ' 4! 2&<! "*" z4P9! %NN	

\$9* B+)					
I1+= ,*97 *8: 1 349* COB! *6 : : 7	I1+= ,*97 *8: 1 349* COB! *6 7 =6 7 D	219, ,*97 *8 : 1349* COB! * 6 : : 7	219, ,*97 *8 : 1349* COB! * 6 7 =67 D	A*7 09<3	149/*
FLL	[LL	J LL	I LL	. P_ ZR?W	! *#! 5) \$' % , &# 5 \$, : #. ' 5# , 9 =# (: ' 4* d #5 \$#', d! \$P UFLKKV

G4+=09;					
I1+= ,*97 *8: 1349* COB! *6 7 =67 D	219, ,*97 *8: 1349* COB! * 6 7 =67 D	&1, *	A*7 09<3	149/*	
[LL	I LL	>_ &	ZKNK?c K	FC1FLLLNU& NJ LNW ? `S .\ 6S #; 9` , #6 \$#4*#(#, ' " +4P' : # (9#P P|" &&>NNN	

! 3, 1+0

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
 ! " # \$ % & () \$! * + % - ' " # Q . + \$ # / & 0 ! (* 1 . & 2 # \$



3#2&4 A', # QFJ NLENFLKI
] #6&4 QKNK 1#4

3#<' %6 2#\$6&4 5\$! " QFFNLENFLKI
) \$&, *, # QFJ NLENFLKI

I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 :: 7	219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 :: 7	149/*
[LL	FLL	ILL	J LL	Tf f P#6PP! 44' P##' &6, #! : +, # ; +\$&# <8\$4! \$' & KKNKLNFLLD 4\$ FFJ LBT NNN

BIC*+-0				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 :: 7	" *-B+= I-7 -, X0B!*	A*7 09<3	149/*
[LL	FLL	K_C	a7T_?c	DD

J 0B0				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 :: 7	219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 :: 7	149/*
[LL	FLL	ILL	J LL	- ', &4' (R%<', &4' (?8<! 6+ \$# V& &6 S '(, ' FLLJ

I48*7 5149=				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 :: 7	219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 :: 7	149/*
[LL	FLL	ILL	J LL	3); (#" #4, ; \$ 4* *+% (*+ J K ! %! >\$# FLL E " ! * &4, (# \$; (#" #4, ; \$ 4*NNN

I-,240+-0				
219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 :: 7	I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 :: 7	149/*
[LL	FLL	ILL	J LL	J [

[4B-09-0				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 7 =67 D	149/*	
CIL	EEC		EK	

I0,C-0				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 :: 7	219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 :: 7	149/*
[LL	FLL	ILL	J LL	DE

A17 0+-0				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 :: 7	219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 :: 7	149/*
[LL	FLL	ILL	J LL	DI

	?0907 *,*9	07 : B+= ,-7 *	149/*	
F " ; 1(	S #: 9(#: 9(P#,! 4# & +\$&#	?4* ! 56: &	DI	

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #&(\$!) \$! *+% - ' " # Q. +\$#/ & 0! (*1. &2#&\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %#6 2#\$6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

W9**/*				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	I1+= ,*97 *8: 1349* COB!*6 : : 7	219, ,*97 *8: 1349* COB!* 6 7 =67 D	219, ,*97 *8: 1349* COB!* 6 : : 7	149/*
[LL	FLL	ILL	J LL	EL

" 1: : *9

E **7 09<		
XOB!* 6 7 =67 D	A*7 09<3	149/*
K	)! @*#\$' 4* **6,	a#P#4*,; n\$(6#! " o 4*\$&; ' 5>#P #4*,; n\$(6#! " ; \$o 46#2o \$*8#\$ \$ NN
L_K	5+ " # '(%(' ,#* ' 6 +	a#P#4*,; n\$(6#! " o 4*\$&; ' 5>#P #4*,; n\$(6#! " ; \$o 46#2o \$*8#\$ \$ NN

&19Y 0;		
XOB!* 6 7 =67 D	&1,*	149/*
K	**6,	] #&#*4&; ! " ' * " &8\$, &2# 4! \$' # \$ \$ \$ \$ \$+ \$464&; & \$>#8'6', " ! 65o NN

Y *) **				
I1+= ,*97 *8: 1349* COB!*6 7 =67 D	\$334-+=) 0,*	&1,*	A*7 09<3	149/*
L_LK	FLKE	3#6<8' >(# 5\$ %& 4	kkv	=e0Z- Z ^7 03p- .] p3A?- R = qT0p3A?3 S RT Vz /T/r 3R3?- Z 073 FLKKQE

kkVQd &: *+6,6.: #**+6, % 4,#4, " # 46,: ', &, : #. @##&: 6,' 4* \$* ?- GEK_@! \$P<' %#, " ! 6<: ##\$ & *#58#*~. & # 5\$ %& 4 *58&&4 5 \$, : # " #
6+\$# #4, ! 56+6<#4*#* <' \$, _#*#&&4 K_KII]_<' \$; \$<: FN] '4* : ' 6' 6' " <(&; % ' \$ % #&8, &6' %& \$&; ;! <' \$; \$<: CNKN

Q+@+)			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	A*7 09<3	\$334-+=) 0,*	149/*
L_LF	+_ 7(2#! (' \$ 5\$ %& 4	FLKC	=TT) ' \$2!, FLKFC =7Z7W VZ Z. ZTc - - ?TcT) ZRZ c cA?T

K43,90						
K9*0 1. COB) -;	I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	E 490,-1+	Q9*U4**+;/; : *9 32-.,	A*7 09<3	149/*
S 7^	L_K 7	L_G 7	KCU\$ @V	G8	' (6 +>#\$\$% 4#, U(6 3' +% V	.,! 55(8, # U\$ 7^ d #\$, # +4* T3^ d #\$, # FLKFV
S 7^	K ?	G ?	KCU\$ @V	G8	' (6 +>#\$\$% 4#,	.,! 55(8, # U\$ 7^ d #\$, # +4* T3^ d #\$, # FLKFV

Y -, H*9@+)			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	A*7 09<3	149/*

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
 ! " " #&(\$!) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#&\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6# 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *, # QFJ NLENFLKI

L_K #	L_F#	- ZR. =	.c] 7 .@&\ #&' 4* FLKD
-------	------	---------	------------------------

Z K LK" W&GM			
I1+= ,*97 COB*	[03-3	A*7 09<3	149/*
L_F " ; 1"	Z&\$', & 4_ ; ' 6, \$! &, #6, &' (_ " #, ' (5+ " # 5#2#&\$	5+ " #	7 0Z= T: \$&6: ! (* V& &] ' (+#6 5 \$: # ' &6 (. +> 6, ' 4%#6 FLLE

: 0-+			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	A*7 09<3	&1, *	149/*
L_K	3#6<8\$ > (# 5\$ %& 4	* 6## ' <t, +(I	V" *# #8<! 6&4 <\$! 5#6&4' (<' \$ 7; #4, #6 v +t" &6 FLKG

Q90+/*						
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	A*7 09<3	&1, *	Q# +\	\$334-+=) 0, *	149/*
L_F		5+ " #			KI ED] ' (#+ \$6 (& *#8<! 6&4 <\$! 5#6 6&4#(#' +8 ' ; #4, 6 % & &+ #6 #4 NNN
K	F		*+6, ' 6 +	FIG	KI EG] ' (#+ \$6 (& *#8<! 6&4 <\$! 5#6 6&4#(#' +8 ' ; #4, 6 % & &+ #6 #4 NNN

[*B-47			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	A*7 09<3		149/*
L_F	5+ " #' 6 +		V&6, # *# 2' (#+ \$6 (& *#8<! 6&4 46 <\$! 5#66&44#(#' +8 ' ; #4, 6 NNN
K	*+6, 6' 4* " &, 6' 6 +		V&6, # *# 2' (#+ \$6 (& *#8<! 6&4 46 <\$! 5#66&44#(#' +8 ' ; #4, 6 NNN

&*, 2*9B+) 3			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	A*7 09<3		149/*
L_K	U&: ' (##\$>' \$V		V&6, " #, @#, #(&P#; \$46@' \$*#4 FLKK

W9*0, [9, 0-+			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	A*7 09<3		149/*
L_NF	5+ " #' 6 +		?= GL1FLLC d! \$P<' %# #8<! 6+ \$# (& &6 UFLKKV

" H*/2 A*: 45B/			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	&1, *	149/*

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
 ! " " #&(\$!) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#&\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *, # QFJ NLENFLKI

K	F	I)=37.?Q P" DLLLYT. c n% 6n L GQ=37.?I	- 73xi ?- x] Wj Ae \#*4# KFN\$! 6&4%# FLLD P#, #9' 6# 6, ' 4! 2&<! *" z4P9! %NN
L_K	L_F	I)=37.?Q P" DLLLYT. c n% 6n f I J Q=37.?I	- 73xi ?- x] Wj Ae \#*4# KFN\$! 6&4%# FLLD P#, #9' 6# 6, ' 4! 2&<! *" z4P9! %NN

\$9*E+)			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	&1,*	149/*
LNF		/+" #' 6 +	! *#! 5) \$ % &# 5 \$, : # ' 5#, 9 = # (, : ' 4* d #5 \$#', d! \$P UFLKKV
K	F	A+6,6' 4* " &6,6' 6 +	! *#! 5) \$ % &# 5 \$, : # ' 5#, 9 = # (, : ' 4* d #5 \$#', d! \$P UFLKKV

G4+=09;			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	A*7 09<3	149/*
L_K	L_G	ZKN	FC1FLLLNU NJ LN?`S ' \ 6S #, 9 `,, #6 \$4*#(##, " +4P' : #(9#P P| " &&>NN

! 3,1+-0			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	A*7 09<3		149/*
K	,!, '(*+6,Y76 +	Tff P#6PP! 44' P##' && #! : +, #, +\$&# <8&4! \$' & KKNLNFLLD 4\$ FFJ UBT NN	
L_F	\$#6<8\$ >(# *+6,Y76 +	Tff P#6PP! 44' P##' && #! : +, #, +\$&# <8&4! \$' & KKNLNFLLD 4\$ FFJ UBT NN	

B C*+-0			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	" *-B+= I-7 -, X0B*		149/*
L_K UV	G		DD

I-,240+-0			
219, ,*97 *8: 1349* COB 7 D	A*7 09<3		149/*
K	P' & +Qj P2#<&" ! h&5\$ P%&h	J [
L_F	P' & +Q' (2#(&4j 5\$ P%&h	J [

[4B-09-0			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	&1,*		149/*
L_K	α \$ " a - @ " ° a ± " ' 6 +		EK

I 0,C-0			
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 7 D		149/*
L_C	K		DE

A17 0+-0

0.*;; E 0,0 2** , 03 : *9 9*=4B, -1+ U " M] ON6@OOT
 ! " " #&(\$!) \$! *+% - ' " # Q. +\$/ & 0! (*1. &2#&



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

I 1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	A*7 09<3	149/*
	L_F	5+ " #	DI
L_C	K_C	<! @*#\$	DI

W9**/*			
I 1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	&1,*	149/*
L_F		2 3 ' ¶ ,	EL
K	F	1 2 . ¶ °	EL

K B 7 --47 4+) 3*-+* %8-) *

E *+7 09<			
X 0B 1* 6 7 =67 D	A*7 09<3		149/*
K	' (%(' ,#* ' 6 7(	a#P#4*;; n\$(6#! " o 4*\$&; ' 5>#P #4*;; n\$(6#! " ; \$o 46#2o \$* &\$ \$ MN	

&19Y 0;			
X 0B 1* 6 7 =67 D	&1,*		149/*
F	U ' (%(' ,#* ' 6 7(V	] #&#*4&; ! " ' *' & &, \$, &# 4! '\$' # \$ \$ \$ \$ \$+ \$464&; & \$ >#&6' , " ! 65o MN	

Y *) **			
I 1+= ,*97 *8: 1349* COB 1* 6 7 =67 D	\$334-+=) 0,*	&1,*	A*7 09<3 149/*
C	K I I [	, ! , ' ( *+6,	kkV =e0Z- Z ^7 03p- .] p3A?- R = qT0p3A?3 S RT Wt /T/r 3R3?- Z 073 FLKKQ&
F	K I I [	3#6<8\$ >(# 5\$ %& 4	kkV =e0Z- Z ^7 03p- .] p3A?- R = qT0p3A?3 S RT Wt /T/r 3R3?- Z 073 FLKKQ&

kkVQd &: *+6,6,: #**+6, % 4,#4, " # 46,: ', &, :#. @##&: 6,' 4* '\$* ?- GEK_@! \$P<' %#, " ! 6<: #&# & *#5&#*~. & # 5\$ %& 4 *#5&#&4 \$ \$,: # " #
 6+&# " #4, ! 56+6<#4*#* <' \$, &(#6_#* && 4 K_ K I I]_ <' \$'; \$ <: F N ' 4* : ' 6' 6' " <(&; % ' \$ % #&6, &6' %& \$* &; , ! <' \$'; \$ <: CNKN

Z K LK" W&GM			
I 1+= ,*97 COB 1*	[03-3	A*7 09<3	149/*
F " ; 1"	Z&\$', & 4	U 6 7(V	7 0Z= T: #&6: ! (* W& &] ' (+#6 \$ \$: #' &6 (. +> 6, ' 4#6 FLLE

: 0-+			
I 1+= ,*97 *8: 1349* COB 4*6 7 =67 D	A*7 09<3	&1,*	149/*
F	' 6 7(%	W" *# #8<! 6 <\$! 5#6&4' (<' \$ 7; #4, #6 v +t" &6 FLKG

Q90+/*

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ L " M] ON6@OOT
 ! " " # \$ % & () \$! * + % - ' " # Q . + \$ # / & 0 ! (* 1 . & 2 # \$



3#2&4 A', # QFJ NLENFLKI
] # \$ 6 & 4 QKNK 1#4

3#<(' % # 6 2# \$ 6 & 4 5\$! " QFFNLENFLKI
) \$ 8 4, *, # QFJ NLENFLKI

I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	Q # + \	\$ 3 4 - + =) 0 , *	1 4 9 / *
F	J L [	K I E C	] ' ( # + \$ 6 (& & # 6 * v # 8 < ! 6 8 & 4 < \$! 5 # 6 6 & 4 4 # (# ' + 8 ' ; # 4 , 6 % & & + # 6 # 4 N N N

[* B - 4 7			
I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	A * 7 0 9 < 3	1 4 9 / *	
K	' 6 7 (7 (2 # ! (' \$ 5 \$ % & 4	V 6 , # * # 2 ' (# + \$ 6 (& & # 6 * v # 8 < ! 6 8 & 4 6 < \$! 5 # 6 6 & 4 4 # (# ' + 8 ' ; # 4 , 6 N N N	

W 9 * 0 , [9 , 0 - +			
I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	1 4 9 / *		
F	? = G L 1 F L L C d ! \$ P < (' % # # 8 < ! 6 + \$ # (& & 6 U F L K K V		

\$ 9 * B +)			
I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	1 4 9 / *		
F	! * # ! 5) \$ % & # 5 \$, : # . ' 5 # , 9 = # (, : ' 4 * d # (5 \$ # ' , d ! \$ P U F L K K V		

I -, 2 4 0 + - 0			
I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 7 D	A * 7 0 9 < 3	1 4 9 / *	
C	P ' & 7 (Q ; P 2 # < & " ! h 8 5 \$ P % & i	J [
F	P ' & 7 (Q (2 # ! (& ; 5 \$ P % & i	J [

[4 B - 0 9 - 0			
I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	A * 7 0 9 < 3	& 1 , *	1 4 9 / *
KL	U \$ " a - \$ @ ° ± a ¼ - ½ ¾ - A E V		E K
K_C	U \$ " a - \$ @ ° ± a ¼ - ½ ¾ - A E V	3 # 6 < 8 \$ > (# 5 \$ % & 4	E K

A 1 7 0 + - 0			
I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	2 1 9 , , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	A * 7 0 9 < 3	1 4 9 / *
J	KL	< ! @ * # \$	DI
K	J	5 + " #	DI

W 9 * * / *			
I 1 += , * 9 7 * 8 : 1 3 4 9 * C 0 B 4 * 6 7 = 6 7 D	& 1 , *		1 4 9 / *
KL	E x ' q | N		EL
C	3 q ' q | N		EL

, 1 B * * + *					
W * 9 7 0 + ;					
X 0 B * 6 : : 7	X 0 B * 6 7 = 6 7 D	" * - B + = I - 7 - , X 0 B *	A * 7 0 9 < 3	\$ 3 4 - + =) 0 , *	1 4 9 / *
CL	K I L	G U Z /	k K V k F V	L K 1 L [	T 3 0 . I L L

k K V Q . # 4 ' , # ! " " & 6 & 4 ! 4 , : # T # 6 , & ; ! 5 = # (, : = ' \ ' \$! + 6 S ' , # \$ & (6 ! 5 , : # 0 # \$ ' ' 4 3 # 6 # \$ % ! " " + 4 & 9 N ? + \$! < # 4 c 4 & 4 N I) = 3 @ ! % (Y
 k F V Q 7 0 d n A ? m Q =) ! 7 \$ 6 P ! 5 * ' ' ; # , ! , : # 5 \$ + & 4 # # * 4 ! , > # 5 # \$ # * & , : # @ ! \$ P < (' % # (& & 2 ' (+ # ' 4 * , : # > & (! ; & 6 ((& & 2 ' (+ # l a 0 d V ' \$ # ! > 6 # \$ 2 # * N

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #9&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] #6&4 QKNK 1#4

3#<(' %6 2#\$6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

W*97 0+;					
W*97 0+;	? 0907 *,*9	#*3, 7 0,*9-0B	07 : B+= ,-7 *	\$334-+=) 0,*	149/*
[LL Ø; 1(	T!(+!(	a	;	KK1FLKDA/0	T30. ILJ
DC Ø; 1(	T!(+!(	c	>	KK1FLKE A/0	T30. ILJ
K_C " ; 1(	! ^\$#6! (U' % =9*\$ (96#V	c	>_%	KK1FLKE A/0	T30. ILJ

! 491: *						
I 1+= ,*97 *8: 1349* COB 4*6 7 =67 D	I 1+= ,*97 *8: 1349* COB 4*6 :: 7	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 :: 7	&1,*	\$334-+=) 0,*	149/*
KI F	CL	J EG	KLL	. P&	FLL[1KC	AZ? T? ? FLLI 1K[K1?c

E *+7 09<				
X0B1* 6 :: 7	X0B1* 6 7 =67 D	&1,*		149/*
FC	IG	?=		a#P#4* ; n\$#(6#! " o4 *\$& ; '5>#P#4* ; n\$#(6#! " ; \$o 46#2o \$* &\$ \$ NN

&19Y 0;				
X0B1* 6 :: 7	X0B1* 6 7 =67 D	&1,*		149/*
FC	IG	=		] #8#*4& ; ! " ' * " & & \$, & # 4! \$ " # \$ 5 \$ 5 \$ + \$ # 4 6 4 & ; & ' \$ # & 6 ' , " ! 65o NN

Y *) **						
I 1+= ,*97 *8: 1349* COB 4*6 :: 7	I 1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 :: 7	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	\$334-+=) 0,*	&1,*	149/*
CL	KI F	KLL	J EG	FLKC	a_ =	=e0Z- Z ^7 03p- .] p3 A?- R = qT0p3A?3 S RT W /T /r 3R3?- Z 073 FLKKQ&E

Q+@+)						
I 1+= ,*97 *8: 1349* COB 4*6 :: 7	I 1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 :: 7	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	A*7 09<3	\$334-+=) 0,*	149/*
FC	EK	KLL	J EL	. P&_ Wb\$'	FLLI	=TT) ' \$2! , FLKFQ =7Z T7WVZ Z. Z Tc - - ?TcT) Z TRZ ccA?T

?1@+)				
I 1+= ,*97 *8: 1349* COB	4*6 7 =67 D	219, ,*97 *8: 1349* COB	4* 6 7 =67 D	149/*
		7 D		

0.*; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #&(\$!) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *, # QFJ NLENFLKI

KLL	FLL	3Ri)R3i7Ai?- Z S Z Z T37)37 e Z)RwZe^Z.)RW i - ?sKV\ *4& K[% #&\$@NN
-----	-----	---

K43,9-0										
K9*0 1. COB) -;	?1,*+,-0B 9*: 91) 4/,-C* ,18+	I1+= ,*97 *8 : 1349* COB*6 :: 7	I1+= ,*97 *8 : 1349* COB*6 7 =67 D	219, ,*97 *8 : 1349* COB*6 :: 7	219, ,*97 *8 : 1349* COB*6 7 =67 D	E 490,-1+	Q9*U4*+ /; : *9 32-.,	<-+ 9* 319: ,-1+ 6 3*+3-5-B 30,-1+	149/*	
S 7^	*	CL	KI L	KLL	J EL	KCU\$ @v	G8	=	.,! 55(6,# U\$ 7^ d #\$, # +4* T3^ d #\$, # FLKFV	

Y -,H*9B+)							
I1+= ,*97 *8: 1349* COB 4*6 :: 7	I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, *97 *8: 1349* COB 4* 6 :: 7	219, *97 *8: 1349* COB 4* 6 7 =67 D	&1,0,-1+3	" 9,-/0B,18-/- ; ;		149/*
CL	KI L	FLL	D[L	= RWa 3F/ 3FA ..	.## - .		.c] 7 .@&\#\$ (' 4* FLKD

Z K LK" W\$GM			
I1+= ,*97 COB* FL <<"	[03-3	A*7 09<3	149/*
	] &+ ' ( & <' 8\$ 5#'' ' (# \$#<\$! _ <\$#, 4' 4% (! 66	- !, %' 66&&>(#' 6' =+ " ' 4 ' \$%&! ; #4	7 0Z= T: \$#6: !(* V& &] ' (+# 5 \$: #' &6 (. +> 6, ' 4%#6 FLLE

: 0-+					
I1+= ,*97 *8: 1 349* COB*6 :: 7	I1+= ,*97 *8: 1 349* COB*6 7 =6 7 D	219, *97 *8 : 1349* COB*6 :: 7	219, *97 *8 : 1349* COB*6 7 =67 D	&1,*	149/*
CL	KI F	KLL	J EG	T\$ 46%,' 4#! +6_] Wb_] Wz_ \$	W' *# #8 <! 6&@u4 <\$! 5#6& 4' (<' \$ 7; #4, #6 v +t' &6 6 FLKG

Q90+/*								
I1+= ,*97 *8: 1349* COB*6 :: 7	I1+= ,*97 *8: 1349* COB*6 7 =6 7 D	219, *97 *8: 1349* COB*6 :: 7	219, *97 *8: 1349* COB*6 7 =67 D	A*7 09<3	#] ? +\	Q# +\	\$334-+=) 0,*	149/*
FL	D[_E	KLL	J EG	3F 3&P! 5 <#4#,\$,& 4 &!, ,: # 6P&N #6] W) #4,\$#4, #4 2& +#\$ (# K#\$ h &(#, FLKFN	G>&_EG	DG	FLKF] ' (#+\$6 (& *v#8<! 6& ,& 4 <\$! 5#66& 4#((# ' +8 ' ; #4,6 % & &+#6 #4 NN

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #&(\$!) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#&\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

[*B-47					
I1+= ,*97 *8: 1 349* COB*6 : : 7	I1+= ,*97 *8: 1 349* COB*6 7 =6 7 D	219, ,*97 *8 : 1349* COB* 6 : : 7	219, ,*97 *8 : 1349* COB* 6 7 =67 D	&1,*	149/*
FL	DD	KLL	J EG	A	V&, # *# 2' (#+\$6 (& *v#8<! 6&& 46 <\$! 5#6 6& 44#(#' +8 ' ; #4,6 NNN

&*,2*9B+) 3			
I1+= ,*97 *8: 1349* COB*6 7 =67 D	219, ,*97 *8: 1349* COB* 6 7 =6 7 D	149/*	
KCL	J EG	V&6, " #, @#,,#(&P#; \$#46@' '\$*#4 FLKK	

W9*0, [9, 0-+					
I1+= ,*97 *8: 1 349* COB*6 : : 7	I1+= ,*97 *8: 1 349* COB*6 7 =6 7 D	219, ,*97 *8 : 1349* COB* 6 : : 7	219, ,*97 *8 : 1349* COB* 6 7 =67 D	A*7 09<3	149/*
CL	KI K	KLL	J EG	' 4 ># ' >6! \$>#* ,: \$! +; : ,: # 6P&N	?=GL1FLLC d! \$P <(' %# #8<! 6+## (& &6 UFLKKV

" H*/2 A*: 45B/				
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	&1,*		149/*
FLL	CLL	A_Z		- 73xi ?- x] WvAe \# *4# KFN\$ 6& %# FLLD P#, #9" 6# 6, ' 4! 2&<! *" z4P9! %NN

\$9*E+)					
I1+= ,*97 *8: 1 349* COB*6 : : 7	I1+= ,*97 *8: 1 349* COB*6 7 =6 7 D	219, ,*97 *8 : 1349* COB* 6 : : 7	219, ,*97 *8 : 1349* COB* 6 7 =67 D	A*7 09<3	149/*
CL	KI F	KLL	J EG	. P_ ZR?W	! *#! 5) \$ % , &# 5 \$, : # . ' 5# , 9 =# (: ' 4* d # (5 \$# ' , d! \$P UFLKKV

G4+=09;					
I1+= ,*97 *8: 1349* COB*6 7 =67 D	219, ,*97 *8: 1349* COB* 6 7 =67 D	&1,*		A*7 09<3	149/*
KI L	D[L	>_ &		ZNF Na?S ?cF	FC1FLLLNUZ NJ LNW ? `S . \ 6S #, 9 `,, #6 \$#4*#(#, ' " +4P' : # (9#P P|" &>NNN

! 3, 1+ -0

0.*; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOT
 ! " " #9&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&4 A', # QFJ NLENFLKI
] #6&4 QKNK 1#4

3#<' %6 2#\$6&4 5\$! " QFFNLENFLKI
) \$8, *, # QFJ NLENFLKI

I1+= ,*97 *8: 1 349* C0B4*6 7 =6 7 D	I1+= ,*97 *8: 1 349* C0B4*6 :: 7	219, ,*97 *8 : 1349* C0B4* 6 7 =67 D	219, ,*97 *8 : 1349* C0B4* 6 :: 7	A*7 09<3	149/*
KI F	CL	J E G	KLL	7	Tf f P#6PP! 44' P##" &6, #! : +, # ; +\$8.# <884! \$" & KKNKLNFLLD 4\$ FFJ LBT NNN

BI C*+-0					
I1+= ,*97 *8: 1349* C0B4*6 7 =67 D	I1+= ,*97 *8: 1349* C0B4*6 :: 7	" *-B+= I-7 -, X0B4*	A*7 09<3	149/*	
KI F	CL	F	^_a7T_?c	DD	

I48*7 5149=					
I1+= ,*97 *8: 1 349* C0B4*6 7 =6 7 D	I1+= ,*97 *8: 1 349* C0B4*6 :: 7	219, ,*97 *8 : 1349* C0B4* 6 7 =67 D	219, ,*97 *8 : 1349* C0B4* 6 :: 7	&1,*	149/*
KI F	CL	J E G	KLL	. P&	3}; (#' #4, ; \$ 4* *+% (*+ J K ! %! >\$# FLLE " ! * && ' 4, (# \$); (#' #4, ; \$ 4* NNN

I-,240+-0					
219, ,*97 *8 : 1349* C0B4* 6 7 =67 D	219, ,*97 *8 : 1349* C0B4* 6 :: 7	I1+= ,*97 *8: 1 349* C0B4*6 7 =6 7 D	I1+= ,*97 *8: 1 349* C0B4*6 :: 7	&1,*	149/*
KI F	CL	J E G	KLL	3 R	J [

[4B-09-0					
I1+= ,*97 *8: 1 349* C0B4*6 7 =6 7 D	I1+= ,*97 *8: 1 349* C0B4*6 :: 7	219, ,*97 *8 : 1349* C0B4* 6 7 =67 D	219, ,*97 *8 : 1349* C0B4* 6 :: 7	A*7 09<3	149/*
KI F	CL	J E G	CL	. P&	EK

I0,C-0					
I1+= ,*97 *8: 1 349* C0B4*6 7 =6 7 D	I1+= ,*97 *8: 1 349* C0B4*6 :: 7	219, ,*97 *8 : 1349* C0B4* 6 7 =67 D	219, ,*97 *8 : 1349* C0B4* 6 :: 7	A*7 09<3	149/*
CL	KG	KCL	GL	. P& 7+6@SP+4 ; #4 ' +5* ' 6 =f \$#4	DE

A17 0+-0					
I1+= ,*97 *8: 1 349* C0B4*6 7 =6 7 D	I1+= ,*97 *8: 1 349* C0B4*6 :: 7	219, ,*97 *8 : 1349* C0B4* 6 7 =67 D	219, ,*97 *8 : 1349* C0B4* 6 :: 7	A*7 09<3	149/*
KI F	CL	J E G	KLL	)	DI

	?0907 *,*9	07 : B+= , -7 *	149/*
F ; 1(	= &<+\$8% ' %& & +\$8#	?4* ! 56: &	DI
J " ; 1(	! \$#6! (& +\$8#	?4* ! 56: &	DI

0.*;; E 0,0 2** , 03 : *9 9*=4B, -1+ U " M] ON6@OOT
!" " #P%&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] # \$6& 4 QKNK 1#4

3#<(' %6 2#\$6& 4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

W9**/*				
I 1+= ,*97 *8: 1349*	I 1+= ,*97 *8: 1349*	219, ,*97 *8: 1349*	219, ,*97 *8: 1349*	149/*
COB! *6 7 =67 D	COB! *6 : : 7	COB! * 6 7 =67 D	COB! * 6 : : 7	
J DC	KLL	C[L	KCL	EL

P>@! 8: 1349* /1+, 91 B

3#6<8\$,! \$9 <\$! ,#%& 4

Z@! \$P<(' %6 #8<! 6+\$# (& &6 ' \$# #8%##*#*_ ' \$#6<8\$, & 4 <\$! ,#%& 4
' <<\$! 2#* 5 \$,: &<' \$, &6(' \$ H > " +6, ># @! \$4N

= ' 4* <\$! ,#%& 4

d # \$ 6+&' >(# <\$! ,#%&2# %! ,: &4; ' 4* ; (! 2#6N

?9# <\$! ,#%& 4

d # \$ % #' &6 (\$6&, 4, <\$! ,#%&2# #9# ; (' 66#6N

0 #4#\$ (<\$! ,#%&2# ' 4* : 9; &4#
" #' 6+\$#6

c 6+' (: 9; &4&6" #' 6+\$#6! 5\$ *#4, ' (<\$ % &6# ' 4* *#4, ' (' >! \$,! \$8#6N
d ' 6: : ' 4*6 >#5 \$# # , &4; _ *\$&P& ; ! \$ 6" ! P& ; NT' P# ! 55 & " #* & ,#9
' ((% 4, ' " &4 ,#* %! ,: &4; ' 4* @' 6: & >#5 \$# \$#+6#N

?4; &4##\$&4; " #' 6+\$#6

) \$! 2&# ' *#X+' , # 2#4, & , & 4Nd : # \$# \$# 6! 4' >(9 <\$ % &6 >(# ,: &6
6: ! +(* ># ' % &2#* >9 ,: # +6# ! 5(! % (#8: ' +6, 2#4, & , & 4 ' 4* ; !! *
; #4#\$ (#8, \$ % & 4NZ, : #6# ' \$# 4! , 6+55&6#4, ! " ' &4, ' &4 % 4%#4, \$
, & 46! 5 <' \$, &6(' ,#6 ' 4* ' 49 2' <! \$ >#(! @! %6 <' , & 4' (#8<! 6+\$# (&
& 6 6+&' >(# \$#6<8\$,! \$9 <\$! ,#%& 4 " +6, ># @! \$4N

! " #P%&] (? 2; 3-/0B0+) / 2*7 -/0B: 91: *9, -*3

] > \$+.197 0, -1+ 1+ 503- / : 2; 3-/0B0+) / 2*7 -/0B: 91: *9, -*3

): 96&6 (6, '#

(&+&

7<<# \$' 4%#

0! (* ! \$ 6&2#\$! \$ @: &# U: &4# \$V

R*! +\$

6@##, 16: ' \$<

R*! +\$, : \$6: ! (*

4! , *#, # \$' &4#*

<= U &4V

4! , *#, # \$' &4#*

S #, &4; <! &4, tj B1 / \$##\ &4;

E[j 1 KF] j /

<! &4, tj B

a! &4; <! &4, tj B

EL j 1KD[j /

/' 6: <! &4, tj B

Gj 1FC j / U/ V

?2' <! \$, & 4 \$, # P; 1Uk" àB

á K L+, 9(7%#, ' , # æ KV

/' " " ' >&&9 U6! (&_ ; ' 6V

- ! , ' <<(&6 >(#

?8<(! 6& 4 (& &6 t]! (g B

W @#\$ (& &

K_E #6, N

c <<#\$ (& &

KK_C #6, N

] ' <! +\$ < \$66+ \$# P) ' B

FL j 1[E j / ' , DL " " =;

0.*; ; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOT
!" " #9%&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] #9&4 QKNK 1#4

3#<(' %6 2#9&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

] ' <! +\$ *#46&9 á K
A#46&9 b 1% B ' <<\$! 8NK
d', #9 6! (+> &&9 b 1(B 6(&: ,(9 6! (+>(#
)' \$, &&4 % #58/4, 4 !%' 4! (1 4!, *#, #9' &4#*
@', #9 \$! ;) R 1d V
7+!, ! &4&&4 ,#' <#9', +\$# b B CK[j 1 I [K j /
A#% " <! 6&&4 ,#' <#9', +\$# b B 4!, *#, #9' &4#*
] &6 6&9_P&4#' ', &6P' " à16B GLL %6 " ' %
] >@%, 2*9 -.197 0, -1+
R,: #9 *', ' - ! 5+\$: #9 #9(#2' 4, &5 \$' ', &4 ' 2' & >(#N
!" #9%& ' O(,05-B,; 0+) 9*0/,-C-,;

' O> A*0/,-C-,;
3# %&&9 =' \ ' \$! +6)! (9" #9&' ,&4 @&(4! , ! %6 \$N
' O>" 2*7 -/0B3,05-B,;
: #' &6 (6, ' >&&9 T: # <\$! *+% &6, ' >(# +4*#9 6, ! \$; #' , 4! \$' ' (' " >8#4, ,#' <#9', +\$#6N
' O>D ?133-5-B,; 1. 20H09) 143 9*0/,-1+3
=' \ ' \$! +6 \$# %&46 - ! : ' \ ' \$! +6 \$# %&4 @: #4 : ' 4*(#* ' 4* 6, ! #9* ' %6 \$* &4; ,! <\$! 2&
6&46N
' O>F " 1+) -, -1+3 ,1 0C1-)
! 4*&&46 ,! ' 2! & ^##< '@ 9 5\$! " 6! +9%6! 5&4&&4Nd : #4 4! , &4 +6#_P##< % 4, ' &4#96
,&: ,(9 %! 6#*N
d', #9 \$' %&6_ ' (P' (&_ % (! \$&4', #9* 6! (2#4,6
' O>S \$+/17 : 0,-5B* 7 0, *9-0B
S', #9&(6, ! ' 2! & 72! & % 4, ' % @&: @', #9_ " &4#9\$ (' %&6_ % (! \$&4', #9* 6! (2#4,6N
' O>T G0H09) 143) */17 : 13-, -1+ : 91) 4/, 3
=' \ ' \$! +6 *#% " <! 6&&4 <\$! * : 9*\$! ; #4
+%6 +R
i 4R

!" #9%& ' ' (#18-/1B! =-/0B-+.197 0, -1+

' ' > \$+.197 0, -1+ 1+ ,18-/1B! =-/0B*..*/ ,3
%90B,18-/-,; ^7 =6<=_
G0H09) 143 -+=9*) -*, 3

0.*; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
 ! " " #&(\$) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

54,0+1+*V*,2; B7 *,2; B<*,1+*				
XOB*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	A*7 09<3	149/*
FDJ D	3',	VACL	7%, #, ! 8&9 ' , #, ! \$9 C	] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

" 1: : *9				
XOB*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	A*7 09<3	149/*
FCLL	3',	VACL	7%, #, ! 8&9 ' , #, ! \$9 C	] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

KB7 --47 4+) 3*+* %8-) *		149/*		
A*7 09<3		] # \$! \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(' " #4,6 +4* *#6 3', NN		
- ! *', ' ' 2' &' >(#				

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M		149/*		
A*7 09<3		] # \$! \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(' " #4,6 +4* *#6 3', NN		
- ! *', ' ' 2' &' >(#				

, 1B**				
XOB*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	A*7 09<3	149/*
[ ] [	3',	VACL	7%, #, T! 8&9 ' , #, ! \$9 G	] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

E *97 0B, 18- / - ; ^7 =6<=_
 GOH09) 143 --+9*) -*+, 3

54,0+1+*V*,2; B7 *,2; B<*,1+*				
XOB*	#*3, 3: */-*3	E 490,-1+	A*7 09<3	149/*
[GEL	3' >>&	VACL	- ! , ' <<(& >(#	] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

" 1: : *9				
XOB*	#*3, 3: */-*3	E 490,-1+	A*7 09<3	149/*
á FLLL	3',	VACL	7%, #, ! 8&9 ' , #, ! \$9 C	] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b&

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
 ! " " #&(\$) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *, # QFJ NLENFLKI

				% #4)' \$(' " #4,6 +4* *#6 3', NNN
--	--	--	--	--

KB7 --47 4+) 3*-+* %8-) *				
A*7 09<3			149/*	
- ! *, ' ' 2' &' >(#			] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN	

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M				
A*7 09<3			149/*	
- ! *, ' ' 2' &' >(#			] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN	

, 1B1**				
XOB*	#*3, 3: */-3	E 490, -1+	A*7 09<3	149/*
EGLL	3' >>&	VA CL	' , #; ! \$9 4! , ' <<(&& >(#	] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN

I " SO \$20B,-1+ F2 .19=03*3 ^ : 7 X_
 GOH09) 143 -+=9*) -*, 3

54,0+1+*V*, 2; B7 *, 2; B<*, 1+*				
XOB*			149/*	
- ! *, ' ' 2' &' >(#			] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN	

" 1: : *9				
&1, *			149/*	
- ! *, ' ' 2' &' >(#			] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN	

KB7 --47 4+) 3*-+* %8-) *				
&1, *			149/*	
- ! *, ' ' 2' &' >(#			] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN	

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M				
&1, *			149/*	
- ! *, ' ' 2' &' >(#			] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN	

, 1B1**				
&1, *			149/*	
- ! *, ' ' 2' &' >(#			] #& \$*4+4; UOV- \$NKDFD1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN	

I " SO \$20B,-1+ F2 .19 C0: 1493 ^7 =6B

0.*;; E 0,0 2** , 03 : *9 9*=4B,-1+ U " M] ON6@OOT
 ! " " #&(\$) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

G0H09) 143 -+=9*) -*+,3

54,0+1+*V*,2; B7 *,2; B<*,1+*				
X0B*	E 490,-1+ 1.) 130=*	#*3, 3: */-3	&1,*	149/*
J F	W CL	S!+6#	4!, ' <<(& >(#	] #&\$ \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

" 1: : *9	
&1,*	149/*
- ! *', ' ' 2' &' >(#	] #&\$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

KB7 --47 4+) 3*-+* %8-) *	
&1,*	149/*
- ! *', ' ' 2' &' >(#	] #&\$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M	
&1,*	149/*
- ! *', ' ' 2' &' >(#	] #&\$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

, 1B**+*	
&1,*	149/*
- ! *', ' ' 2' &' >(#	] #&\$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

I " SO \$20B,-1+ F2 .19) 43,3 0+) 3: 90; 3 ^7 =6B
 G0H09) 143 -+=9*) -*+,3

54,0+1+*V*,2; B7 *,2; B<*,1+*	
X0B*	149/*
- ! *', ' ' 2' &' >(#	] #&\$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

" 1: : *9				
X0B*	E 490,-1+ 1.) 130=*	#*3, 3: */-3	&1,*	149/*
C_KK	W CL	3',	', #, ! \$9 4!, ' <<(& >(#	] #&\$ \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

KB7 --47 4+) 3*-+* %8-) *	
&1,*	149/*
- ! *', ' ' 2' &' >(#	] #&\$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$& <b& % #4)' \$(' " #4,6 +4* *#6 3', NN

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #9%&() \$! *+% - ' " # Q. +\$/ & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] #9&4 QKNK 1#4

3#<(' %6 2#9&4 5\$ " QFFNLENFLKI
) \$&, *, # QFJ NLENFLKI

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M	
&1, *	149/ *
- ! *, ' ' 2' &' >(#	] # \$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$' " #4,6 +4* *#6 3', NNN

, 1B1**	
&1, *	149/ *
- ! *, ' ' 2' &' >(#	] # \$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$' " #4,6 +4* *#6 3', NNN

Z\$&' 4, #5#% ! 4 6P&

6(& : ,(9 &\$&' 4, . P& Z\$&N]

Z\$&' 4, #5#% ! 4 #9#6

6, \$ 4; (9 &\$&' 4, N?9# Z\$&NF

. <#%58%, \$, #, ! \$, ' 4, ! 8&&9

S ' 9 % +6# * \$ @6B! \$ * & \ & #66N. TRT . ?]

U& ; (# #8<! 6+ \$VP' ; 1P; B

' ' >@K) -, -1+0B-+.197 0, -1+

R, : # \$ & 5 \$ ' ' , & 4 U % ' < , # \$ KKNW

- ! , # Qd : #4 4! \$! + , # 6 < # % 58 % VA CL * ' , ' & ' 2' &' > (# 5 \$ ' 4 ' % , # , ! 8
& _ , : # % 42 # \$, # * ' % , # , ! 8 & & 9 < ! & , # 6 , & ' , # @ ' 6 + 6 # * & , : # % (%
(' , & 4 ! 5 , : # < \$! * + % 6 7 T ? U % , # T ! 8 & & 9 ? 6 , & ' , # N

! " # 9 % & ' @ (! / 1 B I = - / 0 B - + . 197 0, -1 +

' @ > # 18 - / - , ;

18 - / - , ; , 1 . - 32 ^ 7 = 6 B

G0H09) 143 - + = 9 *) - * + , 3

54, 0+1+*V*, 2; B7 *, 2; B<*, 1+*			
X0B1*	#*3, 3: */-3	! 8: 1349*) 490, -1+	149/ *
GLL	9<\$&! *! 4 2' \$&# , , +6	I [ :	] # \$ \$*4+4; UOV- \$N KDFDF1FLLE *#6 ?+ \$ <b&% #4)' \$' " #4,6 +4* *#6 3', NNN

" 1 : : *9			
X0B1*	#*3, 3: */-3	J *0349+= 7 *, 21)	! 8: 1349*) 4 90, -1+
L_LKLJ	) & # < : ' (#6 < \$ " #' 6 U , : # * " & 4 ! @V	W CL	I [:] # \$ \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$' " #4,6 +4* *#6 3', NNN

KB17 - + - 47 4+) 3* - + * % 8 -) *	
A*7 09<3	149/ *
- ! *, ' ' 2' &' >(#	] # \$ \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$' " #4,6 +4* *#6 3', NNN

0.*;; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOT
 ! " " #&(\$) \$! *+% - ' " # Q. +\$# / & 0! (*1. &2# \$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M				
XO&*	#*3, 3: */-*3	J *0349+= 7 *,21)	! 8: 1349*) 4 90,-1+	149/*
L_KEF	R4% \$: 94% +6 " 9P&6 B' & >! @, \$! +,V	W CL	I [ :	] #& \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(" #4,6 +4* *#6 3', NN

, 1B! **				
XO&*	#*3, 3: */-*3	J *0349+= 7 *,21)	! 8: 1349*) 4 90,-1+	149/*
C_EL	R4% \$: 94% +6 " 9P&6 B' & >! @, \$! +,V	W CL	I [ :	] #& \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(" #4,6 +4* *#6 3', NN

#18- /-, ; , 1) 0: 2+-0 ^7 =6B
 G0H09) 143 -+=9*) -*, 3

54,0+1+*V*, 2; B7 *, 2; B<*, 1+*				
XO&*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	J *0349+= 7 *,21)	149/*
CFL	A' <: 4& " ' ; 4' & @, # \$ % # V	GE :		] #& \$*4+4; UOV- \$N KFDFDF1FLLE *#6 ?+ \$! <b&% #4)' \$(" #4,6 +4* *#6 3', NN

" 1: : *9				
XO&*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	J *0349+= 7 *,21)	149/*
L_LLFC	A' <: 4& " ' ; 4' & @, # \$ % # V	GE :	? CL	] #& \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(" #4,6 +4* *#6 3', NN

KB!7 --47 4+) 3*-+* %8-) *				
A*7 09<3	149/*			
- ! *', ' ' 2' &' >(#	] #& \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(" #4,6 +4* *#6 3', NN			

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M				
XO&*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	J *0349+= 7 *,21)	149/*
L_L[E	A' <: 4& " ' ; 4' & @, # \$ % # V	GE :	? CL	] #& \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$! <b& % #4)' \$(" #4,6 +4* *#6 3', NN

, 1B! **				
XO&*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	J *0349+= 7 *,21)	149/*

0.*;; E 0,0 2** , 03 : *9 9*=4B,-1+ U " M] ON6@OOT
 ! " " #&(\$) \$! *+% - ' " # Q . +\$# / & 0! (*1. &2#\$



3#2&&4 A', # QFJ NLENFLKI
] #&6&4 QKNK 1#4

3#<(' %6 2#&6&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

KI_I L	A' <: 4& " ' ; 4' l& @', # \$ 5# V	GE :	? CL] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN
--------	---------------------------------------	------	------	--

#18-/-; , 1 0B=0* ^7 =6B
 G0H09) 143 -+=9*) -*, 3

54,0+1+*V*,2; B7 *,2; B<*,1+*				
XOB4*	#*3, 3: */-*3	! 8: 1349*) 490,-1+	149/*	
CLL	. P#(#! 4#" ' % 6,' ,+"	I [ :	] # \$! \$*4+4; UOV- \$N KFDF1FLLE *#6 ?+ \$ <b&% #4)' \$(' " " #4,6 +4* *#6 3', NNN	

" 1: : *9				
XOB4*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	J *0349+= 7 *,21)	149/*
L_L KE	) 6#+*! P&% 4#\$&#(' 6+>% < &', '	DF :	? \$ CLQ	] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN

KB47 -+47 4+) 3*-+* %8-) *				
A*7 09<3	149/*			
- ! *, ' ' 2' &' >(#	] # \$! \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN			

H+ / : 1Y) *9 H+ /) 43, L3,05-B3*) M				
XOB4*	#*3, 3: */-*3	! 8: 1349*) 4 90,-1+	J *0349+= 7 *,21)	149/*
L_KL[	) 6#+*! P&% 4#\$&#(' 6+>% < &', '	DF :	? \$ CLQ	] # \$! \$*4+4; UOV - \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN

, 1B4**				
A*7 09<3	149/*			
- ! *, ' ' 2' &' >(#	] # \$! \$*4+4; UOV- \$NKDFDF1FLLE *#6 ?+\$ <b& % #4)' \$(' " #4,6 +4* *#6 3', NNN			

' @@@? *93-3, ** / * 0+)) *=90) 05-B,;

?(& &' , &4 ' 4* * &, \$& +, &4 ?6 ; &, P#&# A' , #4 `># \$ * &# i +># \$ # & +4; 6#(>6, N
 " # % ' 4&" 6

?(& &' , &4 & <+ \$ & , &4 <(' 4, - ! *, ' ' 2' &' >(#

a& * #, \$ * ' > & & 9 - ! *, ' ' 2' &' >(#

0.*;; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOT
!" " #&#&(\$!) \$! *+% - " " # Q. +\$# / & 0! (*1. &2#&\$



3#2&&4 A', # QFJ NLENFLKI
] #&#&4 QKNK 1#4

3#<(' %6 2#&#&4 5\$! " QFFNLENFLKI
) \$&, *', # QFJ NLENFLKI

' @D [-10//47 4B, -C* : 1, *+, -0B

a&' %0t" +(' ,&4 - ! *', ' ' 2' &' >(#

a&% 4%#4, \$, &4 5 %! \$ Lh /V - ! *', ' ' 2' &' >(#

' @F J 15-B,; -+ 31-B

A&, \$&+, &4 &4 ,: # #42&# 4" #4, - ! *', ' ' 2' &' >(#

' @S A*34B3 1. ?[# 0+) C?C[033*337 *+,

3#6+(,6!5) aT % '\$ % #&#&, &6 T: & 6+>6, ' 4%# *! #6 4!, " ##, ,: #) aT12) 2a %&#&\$& !53?7 =_744#8
*#, #&' &4, &4 {ZZN

!" #&#&' D (E -3: 130B/1+3-) *90, -1+3

' D> ` 03, * ,9*0,7 *+, 7 *,21) 3

A&<! 6' (% 46&#&\$,&46 A&<! 6#! 5@' 6, #' %00 \$* &4; ,! ' <<(&#>(# (#, &(' ,&4N

!" #&#&' F (#90+3: 19, -+.197 0, -1+

	I 0+) ,90+3: 19, KE A6A\$	J 09+* ,90+3: 19, \$ E W	K-9,90+3: 19, \$' K%6\$K#K
) \$! <#&#&6: &<&#&; 4' " #	c- K I I J _ / (' " " ' >(# (& +_4N! N6N_ L\$ #,: 9(?,: 9(^#,! 4#V_ J _ Z		
KGNK c- -!	c- K I I J	c- K I I J _ / (' " " ' >(# (& +_4N! N6N_ L\$ #,: 9(?,: 9(^#,! 4#V	c- K I I J
KGN T\$ 46<! \$, : '\ '\$* ' 66L#6V	J	ZS A0 RA? (' 66J	J
KGN')' %P'; &#&; \$! +<	ZZ	ZZ	ZZ
Z4*+%#&\$1%+6#! 5#42&# 4 " #4, ' (: '\ '\$*	LQ- ! 4 " ' \$&#&#<! ((+, ' 4,		
KGNF c- <\$! <#&#&6: &<&#&; 4' " #			/ (' " " ' >(# (&+_4N! N 6N_ L\$ #,: 9(?,: 9(^#,! 4#V_

' F \N #90+3: 19, -+ 54B- 0//19) -+= ,1K++*8 \$. J KA?%I 0+) ,2* \$ " " 1) *

T\$ 46<! \$, &#& >+(P' %00 \$* &4; ,! - !, ' <<(&#>(#

744#8 Z! 5S 73) RW' 4* ,: # Z

! *#

!" #&#&' S (A*=4B, 19; -+.197 0, -1+

' S> 0.*;; R2*0B2 0+) *+C-91+7 *+, 0B9*=4B, -1+36B*=-3B, -1+ 3: */-.-/ .19, 2* 3453, 0+/*
197 -8, 49*

7**&&4' (\$#, +(' ,&46

W>#(&#& ; ' %00 \$* &4; ,! 3#; +(' ,&4 U V- ! NKDFD1FLLE P WYB

d', #&#&: '\ '\$* %' 66 L#(5 %' 66&& 6(&#& , (9: '\ '\$*! +6, ! @, #&#& L 0^ KV

% ,&4V

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOT
!" " #9%&() \$! *+% - ' " # Q. +\$# / & 0! (*1. &2#\$



3#2&4 A', # QFJ NLENFLKI
] #9%& 4 QKNK 1#4

3#<(' %6 2#9%& 4 5\$! " QFFNLENFLKI
) \$8, *, # QFJ NLENFLKI

' S>@" 2*7 -/0B30.*;; 033*337 *+,

. ' 5#,9 ' 66#66" #4, /! \$,,: 8 6+>6,' 4%# ' % #' 8% (6' 5#,9 ' 66#66" #4, : ' 6 4!, >##4 % \$8#*
!+,N

!" #9%& ' T(%, 2*9 -+.197 0,-1+

S! *88%, & 46 68%# (' 6, 2#9%& 4 S! *88%, & 46! 5,: # <\$#2& +6 2#9%& 4 ' \$# *#4!, #* @&: ' 4 ' 6, #86P UKVN
3#(#2' 4, = <: \$ 6#6 = FFCQ= &: (9 5' " " ' >(# (&+& ' 4* 2' <! +\$N

= FCLQ ' ,% #6 58# 6<! 4,' 4#! +6(9 8 #8<! 6#* ,! ' 8N
= F[KQZ % 4, ' % @&: @, # \$ \$#(# 6#6 5' " " ' >(#; ' 6#6N
= J LGQS ' 9 ># 5, ' (8 6@ ((! @#* ' 4* #4, #96 ' 8@ 96N
= J KCQ ' +6#6 6P8 \$8\$, & 4N
= J KI Q ' +6#6 6#8 +6 #9# 88\$, & 4N
= J J [QS ' 9 % +6# * \$! @68#66! \$ * & \ 8#66N
= J DJ QS ' 9 % +6# * " ' ; #, ! ! \$, ' 46, : \$! +; : <\$! (! 4; #* ! \$ \$#<# , #*
#8<! 6+\$# N
= GLLQ] #9, ! 88%, ! ' X+', 8% (8#N
= GKLQ] #9, ! 88%, ! ' X+', 8% (8# @&: (! 4; (' 6, 8; #55#%6N
= GKKQT! 88%, ! ' X+', 8% (8# @&: (! 4; (' 6, 8; #55#%6N

d! \$*8; ! 5,: # : '\ ' \$* %' 66#6

/' (" NV&NQ/' (" " ' >(# (&+&
?9# Z\$8NQ. #8 +6 #9# 88\$, & 4
. TRT .?Q. <#%88%, ' \$, #, ! \$, ' 4, ! 88% 9 68; (# #8<! 6+\$#
7X+', 8% 7%, #Q= '\ ' \$*! +6, ! ,: # ' X+', 8% #428! 4" #4,
7X+', 8% : \$! 48Q= '\ ' \$*! +6, ! ,: # ' X+', 8% #428! 4" #4,
3#<\$N3 #<\$! *+% 8# , ! 88% 9
. TRT 3?Q. <#%88%, ' \$, #, ! \$, ' 4, ! 88% 9 \$#<# , #* #8<! 6+\$#
. P8 Z\$8NQ. P8 88\$, & 4

S! *88%, & 46! 5,: # <\$#2& +6 2#9%& 4 ' \$# *#4!, #* @&: ' 4 ' 6, #86P UKVN

T: 8 85 \$' ', & 4 8 <\$ 28#* 8 ' % \$' 4%# @&: ,: # % \$ \$#4, 6, ' , +6! 5! +\$ P4! @(#*; # ' 4* #8<#8#4%#NT: #
' 5#,9 A', ' . : ##, *#6%8# 6 <\$! *+% 6 @&: ' 28#@, ! \$#(#2' 4, 6' 5#,9 \$X+8# #4, 6NT: 8 85 \$' ', & 4 *! #6
4!, % 46, &+, # ' @' \$ \$ 4, 9! 5 <\$! <# \$, 8#_5# , +\$#6! \$ X+' (&8#6N

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOS
!" " #&%() \$! *+% - ' " # Q. +\$# / & 01&2#\$



3#4&&2 A', # QFJ NLENFLKI
f #&6&2 QKNF T#2

3#, (' %#6 4#&6&2 5\$! " QFJ NLENFLKI
) \$&, *', # QFJ NLENFLKI

!" #&%&' (\$) *+, -.-/0, -1+ 1. ,2* 3453,0+/*67 -8,49* 0+) 1. ,2*
/17 : 0+; 64+) *9,0<-+=

' > ?91) 4/, -) *+, -.-*9

!" " #&%&() \$! *+% - ' " # . +\$# / & 01&2#\$

' >@A*B*C0+, -) *+, -.-*) 43*3 1. ,2* 3453,0+/* 197 -8,49* 0+) 43*3 0) C-3*) 0=0-+3,
3#(#4' 2, & #2, & #* +6#6 7+8&&\$9 5 \$ * #2, ' (, # % ! 2! (! : 9

' >D E *,0-BB 1. ,2* 34: : B*9 1. ,2* 30.*;;) 0,0 32**,

!" ; ' 29 *#6&2' ,&2 <)*#2, =" ><
?\$@& A&#, \$&# . , \$ B# C
DEFGG =! , , " ' *&: #2
HGI DDJ K J E KK LGG
HGI DDJ K J K I D KFJ
&5 M1; *#2, N# "

3#6; ! 26&(# A#, ' \$, " #2,

<)*#2, =" >< O?\$@& A&#, \$&# . , \$ 66# C ODEFGG =! , , " ' *&: #2 O
HGI DDJ K J E KK LGG OHGI DDJ K J K I D KFJ OP! 2, ' P, M1; *#2, N# "

' > ! 7 *9=*+ / ; , *B*: 21+* +47 5*9

?# #&: #2% , #(#, ! 1 2# 2+" ># \$ A+\$&: !; #2&: ! 1+\$6QHGI DDJ K J E KK LGG R; #2&: ! 1+\$6 S! 01
5\$! " ENJL ' N N, ! C; N NT / \$ 5\$! " LENJL ' N N, ! G; N NU ?0VN

!" #&%& @(G0H09) 3 -) *+, -.-/0, -1+

@> " B33-.-/0, -1+ 1. ,2* 3453,0+/* 197 -8,49*

(' 66& , & 2' %& \$*&: , ! 3# ?9# W& NFX ' , # : ! \$9 F
+(' , & 2 U V - ! NKFDFTLLE - ' % , & # 5# % 6X ' , # : ! \$9 J
/(' " NY& NFX ' , # : ! \$9 F

@@I 05*B*B*7 *+, 3

<' ['\$* ; & ! : \$ "



=<. LF



=<. LD

< 6, ' , #' #2, 6V

< FFCQ< & 1(9 5' " " ' > (# (& + & ' 2* 4' ; ! + \$N
< J KI Q ' +6#6 6#\$& +6 #9# & \$&' , & 2N
< J J \ QS ' 9 % +6# * \$! @6& #66 ! \$ * & [& #66N

) 6, ' , #' #2, 6V

) FKLQ] ##, ' @ 9 5\$! " 1# , X1! , 6+ \$5 % #6X6; ' \$P6X! ; #2 5' " #6 ' 2*
! , 1# \$ & 2 & 2 6! + \$ # #6N - ! 6" ! P&: N

0.*;; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOS
!" " #&%() \$! *+% - ' " # Q . +\$# / & 01&2#\$



3#4&&2 A', # QFJ NLENFLKI
f #&6&2 QKNF T#2

3#, (' %6 4#&6&2 5\$! " QFJ NLENFLKI
) \$2, *', # QFJ NLENFLKI

) FGKQ^ 6# #8; (! 6&2 ; \$! 5U#(##%\$% (T4#2, &, &: T(& 1, &: T V#Z+&
" #2, N
) FELQ_ # \$; \$!, ##%&# : (! 4#6T; \$!, ##%&# %!, 1&: T#9#; \$!, ##%& 2T5 %#
; \$!, ##%& 2N
) FJJ QJ ##; % 2, ' &#\$, & 1, (9 %! 6#* N
) FGFQ^ 6# 2! 2 6; ' \$P&: ,!! (6N
) FGJ QO' P# ' %& 2 ,! ; \$#4#2, 6, ' , &* &%! ' \$: #6N
) F\ KQ74! & >\$#, 1&: *+6, T5+ " #T: ' 6T" &, T4' ; ! +\$6T6; \$' 9N
) F\ GQ_ ' 61 `!, 1 1' 2*6, 1! \$! +: 1(9' 5#\$ 1' 2*(&: N
) FDKQ^ 6#! 2(9! +, *! ! \$6! \$ & ' @#(4#2, &, #* ' \$# N
) FELQ_ # \$; \$!, ##%&# : (! 4#6T; \$!, ##%&# %!, 1&: T#9#; \$!, ##%& 2T5 %#
; \$!, ##%& 2N
) J KFQ ' ((') RWR- ?- 0?3T*! %! \$T & 9! + 5##(+2@#(N
) J L J H) J \ KH) J C J QW R- . J W U \$ 1' &NQO' P#! 55& " #*&, #9' ((% 2
, ' " &', #* %!, 1&: N3&6# 6P& @&1 @', # \$ U \$ 61! @#\$N
) GLJ H) FJJ Q, .! \$# & ' @#(4#2, &, #* ; (' %#N] ##; % 2, ' &#\$, & 1, (9
%! 6#* N
) GLCQ, .! \$# (! %P#* +; N
) J LGH) J GLQW W < 7Y? A Q3# " ! 4#; #6! 2 ,! 5\$#61 ' &' 2* P##; % "
5 \$, '> (# 5 \$ >\$#, 1&: N

!" #&%& D(" 17 : 13-, -1+6-+.197 0, -1+ 1+ -+=9*) -*+, 3

D>@J -8,49*3

G0H09) 143 -+=9*) -*+, 3

\$+=9*) -*+, >+, ' 2! 2#a#, 19(" #, 19(P#, ! 2#	" K &1> 7. -!NQDE IJ J ? -!NQFLK KCI L V*#8 -!NQ \L\ LLF LL J	" B33-./0, -1+ U " M @N@6@OOP /(' " NY&NFa<FFC ?9# V&NFa <J KI .OR0 .? J a<JJ \	" 1+ / *+, 90, -1+ ' ; ; \$! 8NDLNL KLLNL b >9 @#& 1,
F) \$! ; #2! &% ' %& XF " #, 19(X; ! (9" # \$ @&1 " #, 19(F " #, 19(F ; \$! ; #2! ' , # U 4#\$: # S _ KJ C LLL : T " ! (V	7. -!NQFCLE\ KC K	01& ; \$! *+% &% ' 66&#* ' 6 2! , 1' [' \$! +6' %& \$& : ,! \$#: +(' , & 2 U VKFDFTFLLE c Y) dN	' ; ; \$! 8NKLNL FCNL b >9 @#& 1,

!" #&%& F(Q-93, 0-) 7 *0349*3

F> E *3/9: , -1+ 1. .-93, 0-) 7 *0349*3

= #2#\$ (' *4&#

= #, " #* &% (' *4&#T' , , #2, & 2 & 9! + 5##(+2@#(N
- #4#\$: &# ' 29, 1&: >9 " ! +, 1, ! ' 2 +2% 26%& +6; #6! 2! \$' ; #6! 2
&1 %\$ " ; 6N

V&21' (#*

3# " ! 4# % 6+ ' (, 9, ! 5\$#61 ' &' 2* P##; @' \$' ' 2* ' , \$#6, N% % 6#! 5 \$
\$#: +(' \$ >\$#, 1&: ! \$ #6; &' , ! 9' \$ \$6, ; \$! 4&# ' \$, & & (\$#6; &' , & 2N
V% % 6#! 5+2% 26%& +62#66 : &# 2! , 1&: >9 " ! +, 1X; (' %& & \$#% 4#9
; ! 6&& 2 ' 2* 6##P " #* &% (' *4&#N

0.*;; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOS
!" " #P%&() \$! *+% - ' " # Q. +\$# / & 01&2#\$



3#4&&2 A', # QFJ NLENFLKI
f #5&2 QKNF T#2

3#, (' %6 4#5&2 5\$! " QFJ NLENFLKI
) \$2, *, # QFJ NLENFLKI

V % 6#! 56P& % 2, ' % 75, # \$ % 2, ' % @&1 6P&X, ' P#! 55& " #* &, #9' ((% 2, ' " &', #* %!, 1
&: X' 2* @' 61 & " #* &, #9 @&1 ; (#2, 9! 5@', # \$ ' 2* 6! ' ; N
V % 6#! 5#9# % 2, ' % V % 6#! 5 % 2, ' % @&1 #9#6 5(+61 & " #* &, #9 @&1 ; (#2, 9! 55! @&:
@', # \$ 5 \$ KL ,! KC " &+, #6 1! (*&: #9#(&6 ' ; ' \$, ' 2* % 26+(, ' 2! ; 1
, 1' (" (! : &, N
W6@ ((! @#* W. _ 7YYR_ ?AQA! - R0 & *+% #4! " & &: N= & #2! , 1&: ,! # , ! \$ * \$& PN
' ((' ; 196&&2 & " #* &, #9N

!" #P%& R(Q-9*.-=2, -+= 7 *0349*3

R> ! 8, -+=4-32-+= 7 *) -0
. +&' > (# #8, &: +&1&: " #* & _ ' , # \$ 6; \$ 9 #, XA \$9 #8, &: +&1&: ; ! @* # \$ X' (% 1! (\$ #6&, ' 2, 5 ' " X
' \$! 2 * & 8& # U R F V

R>@ : */-0B20H09) 3 09-3-+= .917 , 2* 3453, 0+/* 197 -8, 49*
. ; #%& (#8; ! 6+ \$ # 1' [' \$ * 6' \$ & &: % \$! 2 " ! 2! 8& #
5\$! " , 1# 6+ > 6, ' 2%#! \$; \$#, ' \$] ##, ' @' 9 5\$! " 1# , X1!, 6+ \$5 % #6X6; ' \$ P6X! ; #2 5' " #6 ' 2* ! , 1# \$ &
, & 2 & 6#(5X&6 % " > +6, & 2 ; \$! * 2&& 2 6! + \$ % #6N- ! 6" ! P&: N
+ % 6X! \$ \$ # (# 6#* : ' 6#6] ##, % ! (N
= \$ + 2* T > ! 2* % 2, ' & # \$ ' 2* \$ % # & &: # Z + & " #2, N
^ 6# #8; (! 6& 2 ; \$! ! 5 # (# % \$ % (T4#2, & , &: T (& 1, &: TT #Z + & " #2, N
^ 6#! 2(9 6; ' \$ P ; \$! ! 5, ! ! (6N
0' P# ; \$ % + , & 2' \$9 " # 6+ \$ # 6 ' : ' & 6, 6, ' , & * & % ! \$: #6N
A! 2! , > \$ # , 1# * + 6, T5+ " #T: ' 6T" & , T4' ; ! + \$ 6T6; \$ 9N
A! 2! , : #, & #9#6X! 2 6P&X! \$! 2 %! , 1&: N

R>D K) C-/* .19.-9*.-=2, *93
7**&&2' (& 5 \$ ' , & 2 ! 2 5\$# _ # \$ ' 6#(5 % 2, ' & # * > \$ # , 1&: ' ; ; ' \$, +6 ' 2* % ! # " & (; \$! , # % & #
5& 1, &: %! , 1&: N ! ! (% ! 6#* % 2, ' & # \$ 6, 1' , ' # \$ 2# \$, 1# 6! + \$ % # ! 5, 1# 5\$ # N
/ ! \$ 6" ' ((> ! , , (# Q. " ! , 1# \$ @&1 @' , # \$ X @ # , > (' 2P# , ! \$, ! @ # (N
f ' ; ! + \$ % 2 , \$ 4# % 26& # \$ > (# * & , ' 2% # 6 , ! ' 6! + \$ % # ! 5 & 2&& 2
@1 # \$ # , 1# 9 % 2 & 2& # X 5' 61 > ' % X! \$ # 8; (! * # N V + 6# X " ' 9 5 \$ ' 5 " " ' > (# T # 8; (! 6& # 4' ; ! + \$ ' \$ " & , + \$ # N

!" #P%& S(K//-) *+, 0B9*B*03* 7 *0349*3

S> ?*931+0B: 9*/04, -1+3T: 91, */ , -C* *U4-: 7 *+, 0+) *7 *9=*+ / ; : 91/*) 49*3
) # \$! 2' (; \$ % + , & 26 _ # \$; # \$! 2' (; \$! , # % & 2 # Z + & " #2, \$ # 5 \$, ! 6 # % & 2 E V N

S>@! +C-91+7 *+, 0B: 9*/04, -1+3
?24& 2" #2, ' (; \$ % + , & 26 A! 2! , ' ((@ , ! #2, # \$ & , ! 6+ \$ 5 % # @' , # \$! \$ * \$ & 6N
_ ' 61 1' 2* 6 > # 5 \$ # # , &: X * \$ & P &: ! \$ 6" ! P &: N
_ ' 61 % 2, ' " & , # * % ! , 1&: ; \$ & \$, ! \$ # + 6# N

0.*;; E 0,0 2**, 03 : *9 9*=4B, -1+ L " M] ON6@OOS
!" " #&(\$!) \$! *+% - ' " # Q. +\$# / & 01&2#&\$



3#4&2 A', # QFJ NLENFLKI
f #&2 QKNF T#2

3#, (' %6 4#&2 5\$ " QFJ NLENFLKI
) \$2, *, # QFJ NLENFLKI

S>D J *,21) 3 0+) 7 0, *9-0B.19 /1+,0-+7 *+, 0+) / B*0+-+= 4:

S #, ! *6 5 \$ % # 2&: +; (# \$ 6; &(6 & " #* &, # (9N3 # " ! 4# ' ((6! +\$%#6 ! 5& 2&& 2N3 # " ! 4#; # \$
6! 26, ! 6' 5#, 9Nf #2, &, # ' 55#% #* ' \$ # N.; #%& (* ' 2: # \$! 56(& ; &2: >9
(# P&2: T6; &(2: ; \$! *+% N7 >6! \$> @&1 (2+& >2*2: " ', #& (U#N N
6' 2*X*&, ! " ' %#! +6 # \$, 1X' %& ! \$ +2&#&6' (>2*2: ' : #2, 6VNA! 2! ,
>\$# , 1# 4' ; ! +\$T' # \$! 6! (N
A& ; ! 6# ! 5@' 6, # ' %0 \$* 2: , ! ' ; ; (& > (# #& (, & 2N
3# " ! 4# ' ((6! +\$%#6 ! 5& 2&& 2N
_ & # + ; @&1 ' >6! \$>#2, " ', #& (U# N% ! , 1X5##%#N

! " #&%& N(G0+) B+= 0+) 3,190=*

N> ?9*/04, -1+3 .1930.* 20+) B+=

7*4&# ! 2 6' 5# 1' 2*(2:) \$! 4& # 5 \$ 6+ 55, 4#2, &, & 2X; ' \$, & (' \$ (9 2 % ! 6#* \$! " 6N
74! & % 2, ' % @&1 #9#6' 2* 6P&N
) \$! 4& # ' *Z+' , # 4#2, &, & 2N_ 1#\$# \$ # 6! 2' >(9; \$ % & > (#, 1&
61! +(* ># ' % & 4#* >9, 1# +6# ! 5(! % (#81' +6, 4#2, &, & 2' 2* : ! ! *
: #2#\$ (#8, \$ % & 2N, 1#6# ' \$ # 2! , 6+ 55, , ! " ' 2, ' 2 % #2, \$
, & 26 ! 5; ' \$, & (' , #6' 2* ' 29 4' ; ! \$ >#(! @ ! % & ; , & 2' (#8; ! 6+ \$ # (&
& 6 6+ & ' > (# \$ #6; & , ! \$9; \$! , # % & 2 " +6, ># @ ! \$ 2N
] ##; % ! (N) \$! , # % 5\$ " 6+2 (& 1, N3 # " ! 4# ' ((6! +\$%#6 ! 5& 2&& 2N
., ! \$ # ' , # ; # \$, + \$ # 6 2! , # 8 % # # & 2: J E g TKLL g / N

N>@ " 1+) -, -1+3 .1930.* 3,190=*T-+/B4) -+= 0+; -+/17 : 0, -5-B, -*3

., ! \$: # 6; ' % # ' 2* % 2, ' & # \$ # \$ <' 2*(# % 2, ' & # \$ % \$ # 5+((9, ! ; \$ # 4#2, * " ' : # ' 2* 6; & (: # N
Z+&# ' #2, 6
< 2, 6 ! 2 6, ! \$: # ' 66# " >(9] ##; ' @ ' 9 5\$ " 6, \$! 2: ' % & 6X6, \$! 2: >' 6#6' 2* 6, \$! 2: ! 8& & 2:
' : #2, 6, ! ' 4! & #8! , 1#\$' & % \$ # % & 26N
., ! \$: # 6; # % & , & 26 Y& & 6, ! \$: # ! 55' " " ' > (# " ' , # & (, ! ' ; ; \$! 4#* ' \$ # 6N. , ! \$ # > ! , (# 6
' @ ' 9 5\$ " 1# , N] ##; ' @ ' 9 5\$ " ! ; #2 5' " # ! 5 > +26#2 > + \$ 2 # \$! \$ 5 + \$
2' % # N] ##; % 2, ' & # \$ 6 , & 1, (9 6# (# * N7 4! & 6, ! \$ 2: 2# \$ ' % & 6X% ! (!
\$ 2' , # * 6! (4#2, 6N. , ! \$: #, # ; Q \ L g TKGL g / " & N ! 2, ' & # \$ 6 " ' 9 > #
1' [' \$ * ! +6 @ 1 # 2 # " ; , 9N? " ; , # * % 2, ' & # \$ 6 % 2, ' & # \$ 6 & + # N

N>D : */-./ *+) 43*L3M

., # % & +6# 6V - ! & 5 \$ ' , & 2 ' 4' & ' > (# N

! " #&%& P(! 8: 1349* /1+, 91 B6: *931+0B: 91, */-, -1+

P> " 1+, 91B: 0907 *, *93

54, 0+1+*V*, 2; B7 *, 2; B<*, 1+*

W*97 0+;					
X0B* 6 : : 7	X0B* 6 7 =67 D	" *-B+ = I-7 -, X0B*	A*7 09<3	\$334-+=) 0,*	149/*
FLL	\ LL	KUW	hKV	LKTL\	03=. I LL

0.*; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOS
!" " #&(\$)! *+% - ' " # Q. +\$/ & 01&2#&



3#4&&2 A', # QFJ NLENFLKI
f #&6&2 QKNF T#2

3#, (' %6 4#&6&2 5! " QFJ NLENFLKI
) &2, *', # QFJ NLENFLKI

			hFV		
--	--	--	-----	--	--

hKVQ #2', # ! " " &6&2 ! 2 , 1# 0#6, &2: ! 5<# (, 1<' [' \$*! +6 S', #&&(6 ! 5, 1#=#\$ " ' 2 3#6# \$%& ! " " +2&9N?+\$! ; # 2 ^2&2Ni) <3Q! % (a
hFVQ7=_jA?j<Q<)i 7 \$&P! 5*' " ' : #, ! , 1# 5\$+& 2##* 2! , ># 5# \$#* & , 1# @! \$P; (' %# (& & 4' (+# ' 2* , 1#>&(! : &6 ((& & 4' (+# U=_ ' \$#! >6#\$4#*N

W*97 0+;					
W*97 0+;	? 0907 * , *9	#*3, 7 0, *9-0B	07 : B+= , -7 *	\$334-+=) 0, *	149/ *
F " : T(	F `+, ' 2! 2	^	>	LCTFLKCA/=	03=. ILJ

! 491: *					
I1+= , *97 *8: 1 349* COB*6 7 =6 7 D	I1+= , *97 *8: 1 349* COB*6 : : 7 7 D	219, *97 *8 : 1349* COB* 6 7 =67 D	219, *97 *8 : 1349* COB* 6 : : 7	\$334-+=) 0, *	149/ *
\\LL	FLL	ILL	JLL	FLLLTJI	AW? OW? FLLITKKT?^

E *+7 09<					
XOB* 6 : : 7	XOB* 6 7 =67 D	&1, *		149/ *	
CL	KGC	?<		`#P#2*, : k\$(6#! " | 2 *\$2: ' 5>#P#2*, : k\$(6#! " : \$! 26#4! \$* &\$ \$ NNN	

&19Y 0;					
XOB* 6 : : 7	XOB* 6 7 =67 D			149/ *	
DC	FFL			f #&#* 2&2: ! " ' * " &2&, \$, &# 2! \$" # \$ 5 \$ 5 \$+ #262&2: & \$>#&6', " ! 65 NNN	

Y *) **					
I1+= , *97 *8: 1 349* COB*6 : : 7	I1+= , *97 *8: 1 349* COB*6 7 =6 7 D	219, *97 *8 : 1349* COB* 6 : : 7	219, *97 *8 : 1349* COB* 6 7 =67 D	\$334-+=) 0, *	149/ *
CL	KCL	JLL	ILL	FLKC	<n= W- WJ 7 =3n- . f n3 A?- R < o0 =n3A?3 S R0 Y^/0/p3R3?- W =73 FLKKQE

Q+ B+)					
219, *97 *8: 1349* COB* 6 : : 7	219, *97 *8: 1349* COB* 6 7 =67 D	A*7 09<3		\$334-+=) 0, *	149/ *
KLL	JLL	. P&		FLLC	<00) ' \$! , FLKFQ <7W7YYWV. W0^- - ?0^0) WRW^^A?0

? 1 B+)					
I1+= , *97 *8: 1349* COB*6 7 =67 D 7 D	219, *97 *8: 1349* COB* 6 7 =6 7 D			149/ *	
GCL	ILL			3Rq) R3q7Aq?- W S WW037) 37 mW) RYWnj W) RY? q- ?rKV[*2& K\ % # \$@NNN	

0.*;; E 0,0 2** , 03 : *9 9*=4B,-1+ U " M] ON6@OOS
 ! " # \$ % & () \$! * + % - ' " # Q . + \$ # / & 0 1 2 3 # \$



3#4&2 A', # QFJ NLENFLKI
 f #6&2 QKNF T#2

3#, (' %6 4#6&2 5\$! " QFJ NLENFLKI
) \$2, *, # QFJ NLENFLKI

K43,9-0								
K9*0 1. COB) -;	I1+= ,*97 *8: 1349* COB*6 : : 7	I1+= ,*97 *8: 1349* COB*6 7 =6 7 D	219 ,*97 *8: 1349* COB* 6 : : 7	219 ,*97 *8: 1349* COB* 6 7 =67 D	E 490,-1+	Q9*U4*+/ : *9 32-.,	<-+ 9* 319: ,-1+ 6 3*+3-5-B 30,-1+	149/*
S 7]	KLL	FIC	FLL	CIL	J L U \$ @V	G8	<	.,! 55(8,# U \$ 7] _ # \$, # +2* 03] _ # \$, # FLKFV

Y -,H*9B+)						
I1+= ,*97 *8: 1349* COB 4*6 : : 7	I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219 ,*97 *8: 1349* COB 4* 6 : : 7	219 ,*97 *8: 1349* COB 4* 6 7 =67 D	&1,0,-1+3	" 9,-/0B,18-/- ; ;	149/*
FLL	CIL	FLL	CIL	< ` . .	- . R7_	. ^ f 7 . @ & [# \$ (' 2 * FLKD

Z K LK" W\$GM			
219 ,*97 *8: 1349* B7 -,	I1+= ,*97 COB* FLL ; ; "	[03-3 W \$, & 2 X - .	149/* 7 = W 01 \$ # 61! (* Y & & f' (+ # 6 \$ 1 # ' & 6 (. + > 6, ' 2 % # 6 FLLE

: 0-+					
I1+= ,*97 *8: 1 349* COB*6 : : 7	I1+= ,*97 *8: 1 349* COB*6 7 =6 7 D	219 ,*97 *8 : 1349* COB* 6 : : 7	219 ,*97 *8 : 1349* COB* 6 7 =67 D	&1,*	149/*
FLL	\ LL	J LL	I LL	f Y ` X f Y W	Ys' & # 6 * # # 8 ; ! 6 & 2 ; \$! 5 # 6 & 2 ' (; ' \$ 7 : # 2 , # 6 u + s' & 6 FLKG

Q90+/*								
I1+= ,*97 *8: 1349* COB*6 : : 7	I1+= ,*97 *8: 1349* COB*6 7 =6 7 D	219 ,*97 *8: 1349* COB* 6 : : 7	219 ,*97 *8: 1349* COB* 6 7 =67 D	A*7 09<3	#] ? +\	Q# +\	\$34-+=) 0,*	149/*
FLL	\ LL	J LL	I LL	3 & P ! 5 ; # 2 # , \$, & 2 & , ! , 1 # 6 P & N	EG	KG	FLLD	f ' (# + \$ 6 (& & # 6 * \ # 8 ; ! 6 & , & 2 ; \$! 5 # 6 6 & 2 # ((# ' + 8 ' : # 2 , 6 % & & + # 6 # 2 N N N

[*B-47				
I1+= ,*97 *8: 1349* COB*6 : : 7	I1+= ,*97 *8: 1349* COB*6 7 =67 D	219 ,*97 *8: 1349* COB* 6 : : 7	219 ,*97 *8: 1349* COB* 6 7 =67 D	149/*
FLL	\ LL	J LL	I LL	Y 8 , # * # 4' (# + \$ 6 (& & # 6 * \ # 8 ; ! 6 & & 2 6

0.*; E 0,0 2**, 03 : *9 9*=4B, -1+ U " M] ON6@OOS
 ! " # \$ % & () * + , - . / : ; < = > ? @ [\] ^ _ ` { | } ~



3#4&&2 A', # QFJ NLENFLKI
 f # \$ % & 2 QKNF T#2

3#, (' % # 6 4 # \$ % & 2 5! " QFJ NLENFLKI
) \$ % , * ' , # QFJ NLENFLKI

					; \$ 5#66&22#(#' +8 ! : #2,6 NN
--	--	--	--	--	-------------------------------------

&*,2*9B+) 3					
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	<-+ 9*319: ,-1+ 6 3*+3-5-B -30,-1+		149/ *	
CIL	ILL	<		Y&6, " #, @#, #(&P# : \$#26@ ' \$*#2 FLKK	

W9*0, [9,-0+					
I1+= ,*97 *8: 1 349* COB*6 : : 7	I1+= ,*97 *8: 1 349* COB*6 7 =6 7 D	219, ,*97 *8 : 1349* COB* 6 : : 7	219, ,*97 *8 : 1349* COB* 6 7 =67 D	A*7 09<3	149/ *
FLL	\LL	JLL	EII	' 2 ># ' >6! \$>#* ,1\$! +: 1,1# 6P&2N	?<GLTFLLC_ ! \$P ; (' % # #8; ! 6+\$# (& &6 UFLKKV

" H*/2 A*: 45B/					
I1+= ,*97 *8: 1349* COB 4*6 7 =67 D	219, ,*97 *8: 1349* COB 4* 6 7 =67 D	&1, *		149/ *	
\LL	ILL	W		- 73vq?- wf Yx Am[# *2# KFN \$ 6& % # FLLD P#, # \$9" 6# 6, ' 2! 4&; ! * " y2P9! %NN	

\$9*E+)					
I1+= ,*97 *8: 1 349* COB*6 : : 7	I1+= ,*97 *8: 1 349* COB*6 7 =6 7 D	219, ,*97 *8 : 1349* COB* 6 : : 7	219, ,*97 *8 : 1349* COB* 6 7 =67 D	A*7 09<3	149/ *
FLL	\LL	JLL	ILL	.PXV?Yf	! *#! 5) \$ % , & # \$ 5 \$, 1# . ' 5# , 9 <# (, 1 ' 2* _ # (5 \$ # ' , _ ! \$P UFLKKV

G4+=09;					
I1+= ,*97 *8: 1349* COB*6 7 =67 D	219, ,*97 *8: 1349* COB* 6 7 =67 D	&1, *		A*7 09<3	149/ *
\LL	ILL	>X&		WKN?^K	FCTFLLLNUW/NJ LN ?{S . [6S #: 9{ , #6 \$#2*#(#, ' " +2P' 1# (9#P P | " & > NN

! 3,1+-0					
I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 : : 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 : : 7	149/ *	
\LL	FLL	ILL	JLL	0} } P#6PP! 22' P##" &6, #! 1+, # : +\$&#; &2! \$' & KKNKLNFLLD 2\$ FFJ L30 NN	

BI C*+-0

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOS
!" " #&(\$!) \$! *+% - ' " # Q.+\$#/ & 01&2#&



3#4&&2 A', # QFJ NLENFLKI
f #&2 QKNF T#2

3#, (' %6 4#&2 5\$! " QFJ NLENFLKI
)&, *', # QFJ NLENFLKI

I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 :: 7	" *-B+= I-7 -, X0B* A*7 09<3	149/*
\ LL	FLL	KXC	`70X?^ DD

J 0B0				
I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 :: 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 :: 7	149/*
\ LL	FLL	ILL	J LL	- ',&2' (R%&; ',&2' (?8;! 6+\$# Y& &6 S' (,' FLLJ

I48*7 5149=				
I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 :: 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 :: 7	149/*
\ LL	FLL	ILL	J LL	3~: (#" #2, : \$ 2* *+% (*+ J K ! %! >\$# FLL E " ! * &&2, (# \$- : (#" #2, : \$ 2*NNN

I-,240+-0				
219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 :: 7	I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 :: 7	149/*
\ LL	FLL	ILL	J LL	J \

[4B-09-0				
I1+= ,*97 *8: 1349* COB*6 7 =67 D	219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 7 =67 D	149/*	
CIL	EEC		EK	

I0,C-0				
I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 :: 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 :: 7	149/*
\ LL	FLL	ILL	J LL	DE

A17 0+-0				
I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 :: 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 :: 7	149/*
\ LL	FLL	ILL	J LL	DI

	?0907 *,*9	07 : B+= ,-7 *	149/*
F " : T(	S #,19(#,19(P#,! 2# & +\$&#	?2* ! 561&	DI

W9**/*				
I1+= ,*97 *8: 1349* COB*6 7 =67 D	I1+= ,*97 *8: 1349* COB*6 :: 7	219, ,*97 *8: 1349* COB* 6 7 =67 D	219, ,*97 *8: 1349* COB* 6 :: 7	149/*
\ LL	FLL	ILL	J LL	EL

0.*; ; E 0,0 2** , 03 : *9 9*=4B, -1+ U " M] ON6@OOS
!" " #9&() \$! *+% - " # Q. +\$# / & 01&2# \$



3#4&& 2 A', # QFJ NLENFLKI
f #6& 2 QKNF T#2

3#, (' %6 4#\$6& 2 5\$! " QFJ NLENFLKI
) \$2, *, # QFJ NLENFLKI

P>@! 8: 1349* /1+, 91B

3#6; \$, ! \$9 ; \$! , # % & 2

V@! \$P; (' % # #8; ! 6+ \$ # (& & 6 ' \$ # #8%##*#*X' \$ #6; \$, & 2 ; \$! , # % & 2
' ; ; \$! 4#* 5 \$, 1& ; ' \$, & 6 (' \$ d > " +6, > # @! \$2N

< ' 2* ; \$! , # % & 2

_ # \$; \$! , # % & 4# : (! 4#6N

?9# ; \$! , # % & 2

_ # \$ #9# : (' 66#6 @&1 6&# ; \$! , # % & 2 ' % \$ \$: , ! ?- K \ \ N

= #2# \$ (; \$! , # % & 4# ' 2* 19: &2# #
" # 6+ \$ #6

) \$! 4& # 5 \$ 6+ 55& #2, 4#2, & , & 2X; ' \$, & 6 (' \$9 & %! 6#* \$! " 6N
S & & & # #8; ! 6+ \$ # +6& : " # 6+ \$ #6 6+ % ' 6 %! 6#* 696, # 6X*#* & , #*
5 % & & #6 ' 2* 6+ & ' > (# : #2# \$ (T! % (#81' +6, 4#2, & , & 2N
V % 6# ! 5& ' *#Z+' , # 4#2, & , & 2 @# \$ #6; \$, ! \$9 ; \$! , # % & 2N

?2: &##\$& : " # 6+ \$ #6

) \$! 4& # ' *#Z+' , # 4#2, & , & 2N_ 1# \$ # \$ # 6! 2' > (9 ; \$ % & > (# , 1&
61! + (* > # ' % & 4#* > 9 , 1# +6# ! 5 (! % (#81' +6, 4#2, & , & 2 ' 2* : !! *
: #2# \$ (#8, \$ % & 2N V, 1#6# ' \$ # 2! , 6+ 55& #2, , ! " ' & , ' & % 2% #2, \$
, & 26 ! 5; ' \$, & 6 (' , #6 ' 2* ' 29 4' ; ! \$ > # (! @! % & ; ' , & 2' (#8; ! 6+ \$ # (&
& 6 6+ & ' > (# \$ #6; \$, ! \$9 ; \$! , # % & 2 " +6, > # @! \$2N

R, 1# \$ & 5 \$ " ' , & 2 % ' ; , # \$ ENW

_ ' 61 1' 2* 6 > # 5 \$ # # , & : X* \$ & P& : ! \$ 6' ! P& : N
_ ' 61 % 2, ' " & ' , #* % ! , 1& : ; \$ & \$, ! \$ # +6#N

! " # \$ % &] (? 2 ; 3 - / 0 B 0 +) / 2 * 7 - / 0 B : 9 1 : * 9 , - * 3

J > \$. 197 0, -1+ 1+ 503- / : 2; 3- / 0 B 0 +) / 2 * 7 - / 0 B : 9 1 : * 9 , - * 3

) 196& (6, ' , #

(& + &

! (! + \$

% # \$ X % (! + \$ # 66

R * ! + \$

7 % # , ' , #

` ! & & : ; ! & , c g d

DI g TKDC g /

/ (' 61 ; ! & , c g d

G g TFC g / U / V

?4' ; ! \$, & 2 \$, # c P: T U h" Vd

\ X L U ` + , 9 (7 % # , ' , # j KV

?8; (! 6& 2 (& & 6 d ! (b d

Y! @ # \$ (& &
^ ; ; # \$ (& &

FX
KFXE

f ' ; ! + \$; \$ # 66 + \$ # c P) ' d

FG g TDC g / ' , EJ " " < :

_ ' , # \$ 6! (+ > & & 9 c T(d

6 (& 1, (9 6! (+ > (#

J > @ % , 2 * 9 - + . 197 0, -1+

R, 1# \$ * ' ,

- ! 5+ \$, 1# \$ \$ # (#4' 2, & 5 \$ " ' , & 2 ' 4' & ' > (#N

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ L " M] ON6@OOS
!" " #9%&() \$! *+% - " # Q. +\$# / & 01&2# \$



3#4&&2 A', # QFJ NLENFLKI
f #9&2 QKNF T#2

3#, (' %6 4#9&2 5\$! " QFJ NLENFLKI
) \$2, *, # QFJ NLENFLKI

!" #9%& ' O(,05-B,; 0+) 9*0/,-C-,;

' O> A*0/,-C-,;

3# %9&9 <' [' \$*! +6)!(9" #9&' ,&2 @&(2!, ! %6 \$N

' O>" 2*7 -/0B3,05-B,;

1# ' 9(6, ' >9&9 01#; \$! *+% & 6, ' >(# +2*#9 6, ! \$: # ' , 2! \$ ' (' " >9&2, , # ' ; # \$, +\$#6N

' O>D ?133-5-B,; 1. 20H09) 143 9*0/,-1+3

<' [' \$*! +6 \$# %&26 - ! 1' [' \$*! +6 \$# %&2 @1#2 1' 2*(#* ' 2* 6, ! \$* ' %6 \$* &2: , ! ; \$! 4& 6&26N

' O>F " 1+) -, -1+3 , 1 0C1-)

! 2*&&26 , ! ' 4! &] ##; ' @' 9 5\$! " 6! +\$9#6! 5 & 2&&2N_ 1#2 2!, & +6#XP##; % 2, ' & #9& , & 1, (9 %! 6#*N

' O>R \$+/17 : 0, -5B* 7 0, *9-0B

S ' , #9&(6, ! ' 4! & 74! & % 2, ' % @&1 @' , #9X" & #9\$ (' %9&6X%!(! \$2' , #* 6! (4#2, 6N

' O>S G0H09) 143) */17 : 13-, -1+ : 91) 4/, 3

<' [' \$*! +6 *#% " ; ! 6&&2 ; \$! * 19*\$! : #2
+%6 +R
q2R

!" #9%& ' ' (#18-/1B! =-/0B-+.197 0, -1+

' ' > \$+.197 0, -1+ 1+ , 18-/1B! =-/0B*..*/ , 3

V\$&' 2, #5#% ! 2 6P& ' +6#6 " &* 6P& &\$&' , &2N

V\$&' 2, #5#% ! 2 #9#6 S ' 9 ># &\$&' , &2:

!" #9%& ' @! /1B! =-/0B-+.197 0, -1+

' @>F J 15-B,; -+ 31-B

A&, \$&+, &2 & , 1# #24& 2" #2, A! 2!, ' ((! @, ! #2, #9: \$! +2* @' , #9X6+\$5 %6 @' , #9! \$* \$ &6X#4#2 2!, & 6" ' ((Z+' 2, &9#6N

!" #9%& ' D(E -3: 130B/1+3-) *90, -1+3

' D> ^ 03, * , 9*0, 7 *+, 7 *, 21) 3

A&; ! 6' (% 26	 , &26 A&; ! 6# ! 5@' 6, # ' %6 \$* &2: , ! ' ; ; (& >(# (# &(' , &2N

!" #9%& ' F(#90+3: 19, -+.197 0, -1+

0.*;; E 0,0 2**, 03 : *9 9*=4B,-1+ U " M] ON6@OOS
!" " #9%&() \$! *+% - ' " # Q. +\$# / & 01&2# \$



3#4&2 A', # QFJ NLENFLKI
f #6&2 QKNF T#2

3#, (' %6 4#\$6&2 5\$! " QFJ NLENFLKI
) \$2, *', # QFJ NLENFLKI

	I 0+), 90+3: 19, KEA6A\$E	J 09+*, 90+3: 19, \$ EW	K-9, 90+3: 19, \$' K%6\$K#K
) \$! ; # \$ 61 & ; & 2 ' " #	^- K I I J X / (' " " ' > (# (& + & 6 X 2 N ! N 6 N X L S # , 1 9 (? , 1 9 [] # , ! 2 # X J X W W		
KGNK ^- - !	^- K I I J	^- K I I J X / (' " " ' > (# (& + & 6 X 2 N ! N 6 N X L S # , 1 9 (? , 1 9 [] # , ! 2 # V	^- K I I J
KGN 0 \$ 2 6 ; ! \$, 1 ' [' \$ * % ' 6 6 U # 6 V	J	W A = R A ? (' 6 6 J	J
KGN G) ' % P ' : & : : \$! + ;	W W	W W	W W
W * + % # \$ T % + 6 # ! 5 # 2 4 8 2 " # 2 , (' 1 ' [' \$ *	L Q - ! 2 " ' ' \$ & # ; ! ((+ , ' 2 ,		
KGN F ^- ; \$! ; # \$ 6 1 & ; & 2 ' " #			/ (' " " ' > (# (& + & 6 X 2 N ! N 6 N X L S # , 1 9 (? , 1 9 [] # , ! 2 # X

' F N # 9 0 + 3 : 1 9 , - + 5 4 B < 0 / / 1 9) - + = , 1 K + + * 8 \$ \$ 1 . J K A ? % I 0 +) , 2 * \$ " " 1) *
0 \$ 2 6 ; ! \$, & > + (P ' % % \$ * & : , ! - ! , ' ; ; (& % > (#
7 2 2 # 8 W W 5 S 7 3) R Y ' 2 * , 1 # W
! * #

! " # \$ % & ' R (A * = 4 B , 1 9 ; - + . 1 9 7 0 , - 1 +

' R > 0 . * , ; T 2 * 0 B 2 0 +) * + C - 9 1 + 7 * + , 0 B 9 * = 4 B , - 1 + 3 6 B * = - 3 B , - 1 + 3 : * / - . / . 1 9 , 2 * 3 4 5 3 , 0 + / *
1 9 7 - 8 , 4 9 *
f R DJ K : T Y
7 * * & & 2 ' (\$ # . + (' , & 2 6 Y ' > # (& : ' % % \$ * & : , ! 3 # . + (' , & 2 U V - ! N K F D F T F L L E c Y) d
' R > @ " 2 * 7 - / 0 B 3 0 . * , ; 0 3 3 * 3 3 7 * + ,
' 5 # , 9 ' 6 6 # 6 6 " # 2 , / ! \$, 1 & 6 + > 6 , ' 2 % # ' % # ' & (6 ' 5 # , 9 ' 6 6 # 6 6 " # 2 , 1 ' 6 2 ! , > # # 2 % \$ \$ # *
! + , N

! " # \$ % & ' S (% , 2 * 9 - + . 1 9 7 0 , - 1 +

S ! * & , & 2 6 6 2 % # (' 6 , 4 # \$ 6 & 2 S ! * & , & 2 6 ! 5 , 1 # ; \$ # 4 & + 6 4 # \$ 6 & 2 ' \$ # * # 2 ! , # * @ & 1 ' 2 ' 6 , # \$ 6 P U H W N
3 # (# 4 ' 2 , < ; 1 \$ 6 # 6 < F F C Q < & 1 (9 5 ' " " ' > (# (& + & ' 2 * 4 ' ; ! + \$ N
< J K I Q ' + 6 # 6 6 # \$ & + 6 # 9 # \$ \$ & ' , & 2 N
< J J \ Q S ' 9 % + 6 # * \$! @ 6 2 # 6 6 ! \$ * & [& # 6 6 N
_ ! \$ * & : ! 5 , 1 # 1 ' [' \$ * % ' 6 6 # 6 / (' " N Y & N Q / (' " " ' > (# (& + &
? 9 # W S N Q . # \$ & + 6 # 9 # \$ \$ & ' , & 2
. 0 R 0 . ? Q ; # % 5 2 , ' \$ # , ! \$: ' 2 , ! 8 2 9 6 2 : (# # 8 ; ! 6 + \$ #
0 1 & ; \$! * + % & % ' 6 6 5 # * ' 6 2 ! , 1 ' [' \$ * ! + 6 ' % % \$ * & : , ! \$ # . + (' , & 2 ?
Y)

S ! * & , & 2 6 ! 5 , 1 # ; \$ # 4 & + 6 4 # \$ 6 & 2 ' \$ # * # 2 ! , # * @ & 1 ' 2 ' 6 , # \$ 6 P U H W N

0.*;; E 0,0 2**, 03 : *9 9*=4B, -1+ L! " M] ON6@OOS
!" " #&(\$!) \$! *+% - ' " # Q. +\$# / & 01&2#\$



3#4&&2 A', # QFJ NLENFLKI
f #6&2 QKNF T#2

3#, (' %6 4#\$6&2 5\$! " QFJ NLENFLKI
) \$&, *, # QFJ NLENFLKI

01& &5 \$' ', &2 &; \$! 4& #* & ' %0 \$*' 2%# @&1, 1# %+\$#2, 6, ', +6! 5! +\$ P2! @(#*: #' 2* #8; #8#2%#N01#
' 5#, 9 A', ' .1##, *#6% \$! *+%6 @&1 ' 4&#@, ! \$#(4' 2, 6' 5#, 9 \$Z+&# #' #2, 6N01& &5 \$' ', &2 *! #6
2!, % 26, &+, #' '@ \$ \$ 2, 9! 5; \$! ; #, X5# , +\$#6! \$ Z+' (N