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

<u>!</u>"#\$%&'() *)+,-./,0102%%3)455!"#\$%&'()-6'%2,!-'70

0

!''##\$%&'

8'62"90)&''''./:0).";<+7%'=\$%./0>7+3,%.?0)>'.(>.03?7;.))'7(\$"0\$(/0./,>\$%7?0#'%20\$03\$))'7(0;7?0#?'%'(60>7/.0\$(/0".\$?('(60(.#0%.>2(7"76'.)-0

0

- ()"*\$+,-.'
- @ / \$0+1%'-2'!*,1.*1',.'3 # 4''+1%'!*,1.*15'6789'
 A7,%2.?(0B.%27/')%0C('=.?)'%9D0E\$""\$):0F.G\$)0
 H-IJK0LMN0
- @ :\$*;1<-%'-2'=%+0',.'3%1\$+,>1'3 #4''+,.?'@,+;'/,.-%0',.'/''0,*'\$.)'3 #4''+1%'!*,1.*15'678A'
 A7,%2.?(0B.%27/')%0C('=.?)'%9D0E\$""\$):0F.G\$)0
 H-IJ00LMN0

0

B%-?%\$##,.?'**C**\$.?''\$?10'

P\$=\$:0QRR:0M9%27(:08FBS:0P\$=\$A>?'3%:0F93.A>?'3%:0M8M:0ETBA0UB9AVS:0AVS'%.:0W"\$)%'>).\$?>2X:0B\$?&/7#(00

D - %E' (F41%,1.*1'

B%-?%\$ # '3 - -%), .\$+-%'2-%'+;1'31.+1%'-2'3%1\$+,>1'3 - #4''+\$+,-.5'G1H%''\$%&'676I'J'B%101.+' !-''+;1%.'/1+;-),0+'K.,>1%0,+&5'/1\$)-@0'!*;--<'-2'+;1'=%+0 =)P''.*+'Q.0+%''*+-%'J'3%1\$+,>1'3-#4''+,.?'M14\$%+#1.+5'=''?''0+'6789'J'B%101.+' !-''+;1%.'/1+;-).0+'K.,>1%0,+&5'/1\$)-@0'!*;--<'-2'+;1'=%+0L'M\$<<\$05'N1F\$0'

! '' ! #\$%&% '(\$!) *+,-. *\$! / 012,-34\$5\$

- ! '' ! #\$&&6'(\$#/7,0/8*)3\$9/:,;+)*\$<*7-43\$
- ! '' ! #\$=&%'(\$53,)/82>,-/3\$,/\$!)*+,-.*\$!/8-34\$
- @ Q?.\$%./0\$(/0"./0!'<#..&"90".>%,?.)0>7=.?'(60>7,?).0%73'>)-0
- $(E.)'6(./0$))'6(+.(\%):0^{,'YY.}:0$(/0.G$+)0\%70+.$),?.0)\%,/.(\%03?76?.))-0$
- $0 L? / ./03?76? + + (60) '6(+.()) (/03?7^.>) 0$
- 0

N1\$*;,.?'=00,0+\$.+'J'3-#4''+1%'!*,1.*1'M14\$%+#1.+5'=''?''0+'678A'J' / \$&'6789'

!-''+;1%.'/1+;-),0+'K.,>1%0,+&5'C&<1'!*;--<'-2'(.?,.11%,.?L'M\$<<\$05'N1F\$0'

- *!9?\$%&@'(\$53,)/82>,-/3\$,/\$!/012,-34\$!/3>*1,7\$*
- *!9?\$%&@%(\$#)-3>-1A*7\$/:\$!/012,*)\$9>-*3>*\$*
- !9?\$%&@6(\$#)/4)+00-34\$!/3>*1,7\$
- $(0) S_{0}(0) = (0) S_{0}(0) + (0)$
- 0

=@\$%)0'

A B C0T7!!90T-0S9".0A>277"07;0W(6'(...?'(6:0a?./.?'>&0W-0F.?+\$(0N#\$?/0'(0Q7+3,%.?0A>'.(>.0].>'3'.(%:0bK0I0?''#\$%&'('&%)\$*+,+-&.'&%)-#-.''/"#)-#O'''1''/"&+)

0

! 41*,\$<'(0.+1%10+0'

- @ L.(.?\$%'=.0\$?%0\$"67?'%2+)0
- Q7+3,%.?0)>'.(>.03./\$67690
- (0.52(7''76'.)(0.55)) = (0.52(7''76'.)(0.55)) = (0.55)
- @ a, ""<)%\$>&0\$33"'>\$%'7(0/.=."73+.(%0)
- @ Q9!.?).>,?'%90
- 0

B''H<,*\$+,-.0'\$.)'3-.21%1.*1'B%101.+\$+,-.0'

3;-%)'B%-?%100,-.0',.'R\$0E1<5'!14+1#H1%'678S'

 $\begin{array}{c} \textbf{E}. + 7() \% ? \$ \% ' 7(0 \$ \% 0 \text{NQB} 0 \text{A} \text{LMSNc} 0 \ (\% . ?(\$ \% ' 7(\$ \% ' 7 (\$ \% 2 7 ? \&) 27307(0 a, (>\% ' 7 (\$ \% 0 \text{N} ? \% : 0 \text{B},)'>:0 \text{B} 7 / . ""'(60 \$ (/0 \text{E}.)'6(0 \text{U} a \text{N}] \text{B} X 0 \ (\% . ?(\$ \% - 1 \ \% 0 \ 1 \ 2 \ \% 2 \ 0 \) \ (\% . 7 - 0 \ 1 \ \% 0 \) \ (\% . 7 (\$ \% 0 \text{N} ? \% : 0 \text{B},)'>:0 \text{B} 7 / . ""'(60 \$ (/0 \text{E} \text{L}) \) \ (\% . 7 (\$ \% 0 \ \text{LMSNc} 0 \$

<u>2%3)455'>;30d-)'63"\$(-7?65%?\$>&5;\$?+<bK0d<3\$3.?)e.=.(%<7=.?='.#0</u>

0

TB%-+-H&+15'3%1\$+,>1'3-),.?'\$.)' / 1U5'V*+-H1%'678W'

_("'(.0\$?%'>".0#?'%%.(0;7?0ABC0B.\$/7#)0A>277"07;0%2.0N?%)0c.#)0 2%%3)455###-)+,-./,5B.\$/7#)5c.#)N(/W=.(%)5c.#)5bK0f50f0KKd<Q?.\$%'=.Q7/'(6