



! "#\$%&'()*+!, '(-\$*'. /0')%12)13"). 1(/#* ".3 '4'0\$ 5("6(#17'7"0*8 9:'. '(-\$*'. ' ;1.3 1(.1* <# ' %/=3'01/> :)/(> /(& '4' (&/3' %/=5 3" 3: ' #/.3) (14'0./# = " * * " (/ (= '.3"08 ? " (. '04/31" ("7 3: ' * "#\$%&'() * ' (-\$*'. 3:0")@: / %1##1" ('\$/0. "7 '4"#)31" ()(&'0.= "0'. 3: '10 1* <"03/(= ' 3" 3: ' :'/#3: "7 * "&'0("0@/(1. * .8! ! "#\$%&'() * ' (-\$*'. :/4' %' (#1(5' & 3" *)#31<# ' %1"##"@1=#/ &1. ' / . '> 3: ' (130"@' (= \$=#'> / (& 3: ' .) #7)0 = \$=#'8 A## 5("6(* "#\$%&'() * ' (-\$*'. < ". .. / (1&' (31=# = "7/=3"0 +/=314' .13',> = " * * " (#\$ 5("6(/ . 3: ' * "#\$%&'() * = "7/=3"0 + ! " = ",8 9: ' ! " = " 1. 5("6(3" = " (3/1(/ * "#\$%&'() * * '3/# = ' (3'0> / &13:1" #' (' = : '#/3' 7"0 * '3/# %1(&1(@> / (& / <3'01(/ <<' (&' & 3" / <\$0/(01(@ 5("6(/ . / <\$0/("<3'01(8 B)01(@ 0' * "3' 0'. '/0=:> 3: ' 7"=). "7 0'. '/0=: 6/. 3" 1(4'. 31@/3' / (& 0'41'6 4/01"). C")0(/# /031=#'. 0'#/3' & 3" * "#\$%&'() (-\$*'. > 3: '10 = "7/=3"0.> / (& . \$ (3: ' .1. <0"C' = 3.8



; 1&5+-'. * 3C < ; 1=C \$(C 2C #2. (\$# \$1. C 3 '#2&C #, 2#C \$(C 2C #2% 'C ' &' 3' . #C /1* . -C\$. C#, 'C>2"#, ?(C%*" (#C1"CS. C#, 'C1% '2. (@C+*#C#C(C' (C' . # \$2&C#1C#, 'C &\$9'(C1/C2& 31(C#C2&C1"42. \$(3(C1. C>2"#, @C2(C 31&5+-'. * 3C ' . A53 '(C 2" 'C*(' -C#1C%2#2&5A'C 32. 5C\$3) 1"#2. #C+\$1#, ' 3\$%2&C" '2%# \$1. (@C(*%, C 2(C"')\$2# \$1. C\$. C+2%# "2&C - '#1B\$/\$%2# \$1. C\$. C 3 2 3 3 2&C(2. -C29\$2. (C 2. -C)"1# '\$. C(5.#, '\$(7C

>9"5C ; 1C'. A53 'C)1(((' (C2C%2#2&5#%C%' . #' "CS. 91&9\$. 4C2C(\$. 4&' C ; 1C2#1 3C+1* . -C#, "1*4, C2C-\$#, \$1&' . 'C&\$42. -C#1C'#, "'C1. 'C1"C#61C 31&'%* &' (C1/C2C') '%\$2&C)5"2. 1)#' "\$. C%1/2%#1"7CD, \$(C%1/2%#1"C62(C 1"\$4\$. 2&&5C%2&&' -C#, 'C 31&5+-1)#' "\$. @C+*#C(\$. % 'C#, 'C%1/2%#1"C2&(1C +\$. - (C#1C E@CS#CS(C+'## "'C%2&&' -C#, 'C 3 '#2&F+\$. -\$. 4C)5"2. 1)#' "\$. C' . 'F G@CHF-\$#, \$1&2# 'C< ; ID=7! ! (C2&&C 31. 1. *%&'2"C 3 1&5+-'. * 3C2. -C *#. 4(#' . C' . A53 '(C%1.#2\$. C#, 'C ; ID@C#, 'C'//'%#C1/C#, 'C)5"2. 1)#' "\$. C 1. C#, 'C 3 '#2&C%' . #' "C2. -C#1C#, 'C' . A53 '?(C/* . % # \$1. CS(C(\$4. \$/%2. #7C JS. % 'C#, 'C-\$(%19"5C1/C#, 'C)#' "\$. F(C*+(#S#*#' -C-\$#, \$1&' . 'C&\$42. -C\$. C #, 'C ; ID@C(5.#, '#\$%C%, ' 3\$(#(C, 29'C+' . C"')('2"% , \$. 4C#, 'C)1(((\$+&\$#5C 1/C-'9'&1)\$. 4C2C(5.#, '#\$%C"')&\$%2# '7C

D, 'CK*"4325"'C82+C, 2(C(5.#, '\$A' -C2C(\$ 3 \$&2"C 31- '&C(5(#' 3 C#1C#, 'C +\$1&14\$%2&C 3 1&5+-'. * 3C%1/2%#1"C+5C+\$. -\$. 4C2C)5"2. 1)#' "\$. C#1C#, 'C ; 1F%11"-\$. 2#'-C-\$#, \$1&' . 'C&\$42. -7CD, 'C/\$. 2&C(5.#, '#\$%C%1 3)&'BCS(C #, ' . C%, 2"2%# "'SA' -C2. -C(C*-\$' -C#1C42\$. C/*"#, "'CS. (\$4, #C#1C#, 'C +\$1&14\$%2&C ; 1%17C



! "#\$%&'(\$)*#+', %' - , ./01, \$%2/ - \$(*)%'0\$'3\$%\$#).. /'14541\$1'4%&, '6' *)&\$3, #4\$(7'4%5\$(&43)&4, %, '8'&+\$4#04, ., 34*). '9#, 9\$#&4\$(: '*+\$ - 4*). '#\$)*&45&/:'\$. \$*#&, *+\$ - 4(&#/':(9\$*#&, (*, 9/)'%1' - , 1\$. (:;

<+\$')#&4* . \$(, %'04, ., 34*). '9#, 9\$#&4\$(' , 8' - , ./01, \$%2/ - \$('14(*" ((&+\$4# 8"%'&4, %(')%1'04, (/ %&+\$&4*9#, *\$(((\$('4%'0, &+'9#, =)#/ , &\$(')%1' \$")=#/ , &\$(:>)% / , '8'&+\$')#&4* . \$('). (, '8, *'(, %&+\$'\$88\$*&' (, '8' - , ./01, \$%2/ - \$'1\$84*4\$%*4\$(:> , ./01\$%" - '\$%2/ - \$' - ?@ !:'&+\$' 8, "#&+' -) - . 4)%' - , ./01, \$%2/ - \$:'4(' , %\$' , 8'&+\$' -)A, #8, *"(' (, '8' -)% / '#\$(*)*+:('*+)'(4&'(0)4.4&'&' , '9\$#8, # - '#\$1"*&4, %, '8' !B +/1#, C/.)&\$1* , - 9, "%1(:4&'(#, . \$&' ,) * &45)&\$'9#, 1#"3(*, %&)4%4%3') - 41, C4 - \$(&#"*&'#\$(:)%1'4&'(- , , % . 43+&4%3'9#, 9\$#&4\$('!"#\$%&';

D8'&+\$')#&4* . \$(, %' *+\$ - 4*). '#\$)*&45&/ , '8' - , ./01\$%" - '\$%2/ - \$(:'&+\$' (43%484*)%*\$' , 8'&+\$4#14&+4, . \$%\$B - \$&). '0, %1')%1'&+\$* , %8, # -)&4, %, '8' &+\$'("0(&#)&\$'9/#)% , 9&\$#4%#)#\$' - , (&' , 8&\$% '4%5\$(&43)&\$1'; >)% / '8)*&, #(' *%')88\$*&'&+\$*+\$ - 4*). '#\$)*&45&/ , '8' - , ./01\$%" - '\$%2/ - \$('1"#4%3' *)&). / (4(:)%1' , %\$' \$C) - 9. \$'4('&+)&'&+\$* , %8, # -)&4, %)'%1', C41)&4, %' (&)&\$' , 8'&+\$'9/#)% , 9&\$#4%#)'% - , 1' .)&\$'&+\$#\$1, C'9, &\$%&4). ' , 8'&+\$' - , ./01\$%" - '*\$&\$#&;

E.\$*#&, *+\$ - 4(&#/' , '8' - , ./01, \$%2/ - \$('4'). (, ')%#)\$'F+\$#\$' -)% / (&"14\$(')#'\$0\$4%3' * , %1"*&\$1; @ \$1, C'9#, 9\$#&4\$(' , 8'&+\$' - \$&). '*\$%&\$#')%1' &+\$' . 43)%1')#\$' , 8' -)A, #4%&\$#\$(&(:>)% / '3#, "9('+)5\$'(&"14\$1' > , B 1\$9\$%1\$%&'4&\$#\$1" * &4, %' "'C; 'D&+\$#3#, "9('+)5\$'4%5\$(&43)&\$1' , %'&+\$' \$88\$*&' (, '8' *+) %34%3' , C41)&4, %' (&)&\$' (, %' *+) %3\$('4%'3\$, - \$*)%1' *+\$ - 4*). '(&#"*&'#\$(' , 8' > , B\$%2/ - \$(' ;

G9\$*#&, (*, 94*('&"14\$(:(' *+)'(\$. \$*#&, %'9)# -)3%\$&4*#\$\$(, %) %*\$' HEI@J'(9\$*#&, (*, 9/:'% " * \$)#' -)3%\$&4*#\$\$(, %) %*\$'HK > @J:'4%8#)#\$1' (9\$*#&, (*, 9/'HL@J:')%1'CB#) / '*# / (&).. 3#)9+/' :+)5\$'0\$%*' , %1"*&\$1' , %' - , ./01\$%" - '\$%2/ - \$(')%1'&+\$4#* , 8)*&, #(:G9\$*#&, (*, 94*('&"14\$(')#\$' 4-9, #&)%&:'0\$")'(\$'F4&+, " &'&+\$* , %&\$C&'345\$%0' / &+\$'(9\$*#&, (*, 94* 1)&):#\$'(&'8#, - '04, ., 34*). '(&"14\$(' (, - \$&4 - \$(' -) / % , &'0\$')*"'#)\$&);

? . (, '4-9, #&)%&'& &'&+\$'(&"1' / , 8')% / '\$%2/ - \$(' , #' * , 8)*&, #('4' - , 1\$. 4%3: ' F+4*+'4'). (, ' , %\$' , 8'&+\$'8, *"('\$' , 8'&+\$'M"#3 -) / \$#N#, "9; O)#4, " (- , 1\$. (, '8' - , ./01, \$%2/ - \$('F4&+' > , * , '+'+)5\$'0\$%*' -)1\$:4%* . "14%3' 8#, - '&+\$'14 - \$&+ / . (" . 8, C41\$'8) - 4. / : 'C)%&+4%\$' , C41)(\$'8) - 4. / :)%1'&+\$' (" . 84&\$' , C41)(\$'8) - 4. / ; '<+\$#\$')#\$'). (, '#\$(*)*+' , %'&# / 4%3'& , '#9.) *\$'&+\$' > , '*\$%&\$#4%' - , ./01\$%" - '* , 8)*&, #('F4&+', &+\$#' - \$&). ((' *+)' ('#+\$%4" -)+;



<+ , "3+'&+\$'#\$(\$)**+' , %' - , ./01, \$%2/ - \$(*)%'0\$'3\$%\$#).. /'14541\$1' 4%&, '6'1488\$#\$%&'*)&\$3, #4\$(: - , #\$, 8&\$% '&+)%' , &'1, '&+\$')#&4* . \$('14(*" ((- , # \$&+)%' , %\$' , 8'&+\$'&, 94*(:'8, # \$C) - 9. \$: 'K; ! +# / (, *+, ('&#;) . :P')#&4* . \$: ' "#\$%&')#*+#+\$#- . /01*2\$+&*0+'31*(2\$+##4# / ()5%. ' &*6(*15 0(73(#-1*1+8# \$%-141)+55 (*+)I&'83+#, +&*+&-71' * &7(91+\$17&+81*7'1+, #' + \$#- . /01*2\$+8#, &87#'+\$#01-):'4'(% , &' , %' / , %' - , 1\$. 4%3'0"&'). (, ' 4%* . "1\$'(9\$*#&, (*, 94*('&"14\$(')+; '> ; '? + -)14'\$&#;) . P')#&4* . \$: ' : *+ :) . \$ \$17'(8&-- . + ; 2 /)7(72710+ :-(%3&7(8+<()5=(73(#-1*1+>#*#5?4(O#>#- . /01*2\$+@ABC+ '#\$%-14+D(73+E)71'+&*0+ : -8#3#-F2*87(##)&+ ; 7'2872'&-+&*0+F2*87(#* &+ : 87(91+; (71+>#01+#+, +>#- . /0#1*6. \$1):'). (, '4')0, " &' - , 1\$. 4%3')%1'(9\$*#&, (*, 94\$(:)%1'&+\$' / &' , " *+ ' '9, %' \$. \$*#&, *+\$ - 4(&#/' , '8' - , ./01\$%" - '\$%2/ - \$(' ;

! "#\$%&' (C) *+&\$ (, ' - C \$. C (%\$' . # \$ / % C 01 * " . 2&C(C . / " 3 C 1 . C # , ' C % * " " " . #C (#2# ' C 1 C 3 ' #2&&11"42. \$%C (5 . #, '\$(C) "1%' (('C 2'1* . - C #, 'C 61"&-7C 8\$# "2#* " 'C (#* - \$' (C) "19\$ - 'C\$3) 1"#2. #C+2% : 4"1* . -C\$. /1" 3 2# \$1 . C 1 . C #, 'C (#" * * * " 'C 2. - C / * . % # \$1 . (C1/C 3 1&5+-'. * 3C%1/2%#1" (C#, 2#C%2. C+'C * (' - C\$. C / * * * " 'C (5 . #, '#\$%C 3 1 - '\$&. 4C(+2% : 4) - 1 @ '% # () - 1 . 6 ()

