```
ļ
                                                                                                              !"#$%\'() *$+#,\(\(-\) . . &,+/((
                                                                     0**1(-...,+/(23\$456"'(7#\&*8.4(9:((; <; =>(?<; =(@1(
(
                                                                                                                                - ABC2DE(
            9F G@@4*H. (&3. (1,+$&.5(14*1(&3. (E. @&. 18.4(1...&,+/F((GJJK7LDM(
           NF M. "+05() * 1 1. +&5(P5. . (G@@. +6,QR(
                      M$4,+/(\&3.(M."+05()*11.+\&5(*+(J*55,8%(K.H,5,*+(\&*(\&3.(E@4,+/(2.41()"%+6"4:(
                      4. @4. 5. +&"&,H. 5(14* 1 (&3. (! "#$%\' (E. +"&. (@4*H,6. 6(6. &",\5("8*$&(&3. (&S*(*@&,*+5F((G(5&4"S(
                      @*%(S"5(&"T. +(S,&3(&3.(I*%*S,+/(4.5$%5<(
                                       U(@. *@% (I"H*4. 6(&3. (*@&, *+(*I(5&"4&,+/(*+(V"+(NW:(S,&3(9(6"'(*I(5@4,+/(84. "T("+6(
                                             X**6(!4,6"'(*IIF(
                                 • NY(@. *@% (I"H*4. 6(&3. (*@&,*+(*I(5&"4&,+/(!. 8(9:(S,&3(+*(5@4,+/(84. "T("+6(X**6(
                                              ! 4,6" (*II:(8$&(*+. (% 55(&. "#3,+/(6" (&3"+(&3. (*&3. 4(*@&,*+F(
                                 • 9N(@. *@% (,+6,#"&. 6(+*(@4. I. 4. +#. F(
           ; F ) * 1 1 ,&&. . (K. @*4&5<(
                                  "F G#"6.1,#(GII",45(>(Z"&34'+(Z$3+(B7(KDJ7K2(
                                 8F G#"6. 1,#([*+.5&'(>(2*+'(["5% 4F((((
                                             G%(*$&5&"+6,+/(#"5.5(3"H.(3."4,+/5(5#3.6$%6("+6(&3.'("4.(/4"&.1$%1*4(&3.(.0&4"(
                                              3. %F(
                                 #F \times "46(*I(X4"6$"&. (D6$#"&,*+(>(M"+() "44. +F(- 72\A7B(GJJK7LDM() "45. +F(- 72\A7B() +F(- 72\A7
                                             \"#T/4*$+6(1,% 5("&
```

 $A7c(; ?9=(\, *6, H. 45, \&' (*I(GI4, #''(AA(P; R($

(

```
!4*1(&3.(M.@"4&1.+&(*I(J3'5,#5(P"&(&3.(4.a$.5&(*I(&3.(6."+Q5(*II,#.R
          E@%,&&,+/(5.H.4"%(Y($+,&(%.#&$4.("+6(%"8(#*18,+"&,*+5(,+&*("(;($+,&(%.#&$4.(#*$4
          "+6("(Y($+,&(%"8(#*$45#&$4.(#*$45.5($,%%(4.&",+(&3%#/##$18.45[F(
          J[jE9NN=(X.+.4"%(J3'5,#5(A((PY(#4.6,&(:(6$.((&*(%"8R(
          )3"+/.(&*((
          J[jE9NN=(X.+.4"%(J3'5,#5(A((P;(#4.6,&JRE9N(?(Pc"8R(9)4
          J[jE9NY=(X.+.4"\%(J3'5,#5(N((PY(#4.6,&(:(6$.(&*(%"8R(:
          )3"+/.(&*((
          J[jE9NY=(X.+.4"%(J3'5,#5(A((P;(#4.6,&[jtt'9N6??(Pc"8R(9()4
          J[jE(9;?=(GH,"\&,*+(J3'5,#5(P(Y(#4.6,\&(:(6$.(&*(%"8R(
          )3"+/.(&*((
          J[jE(9;?=(GH,"&,*+(J3'5,#5(P(;(#4.6,&(R[j=(9);b?(Pc"8R((9))4
          !4*1(&3.()"&3*%,#(E&$6,.5(J4*/4"1
          B.S(-"h*4<((
          B.S(-"h*4(,+()"&3*%,#(E&$6,.5
          B.S()*$45.5∢
          G2[(;==9(d)"&3*\%,\#(A+\&.\%\%.\#\&\$"\%([(4,\&"/.(A
          G2[(:==N(d)^*&3^*\%,\#(A+\&.\%\%.\#\&\$^*\%)](4,\&^*/.(AA))
          )G2[(Y===((23.))^{*}\&3^{*}\%,\#(A+\&.\%\%.\#\&\$)^{*}\%([.4,\&\%].(i(\&3.)X)^{**}6(c,I.
          !4*1(&3.(M.@"4&1.+&(*I(]*1.+(("+6(X.+6.4(E&$6,(5
          )3"+/.(&*(-"h*4("+6(-,+*4( S3.4.(4.a$,4.6(#*$45.5("4.(4.@%"#.6(8'(#"&./*4,.5(*)
          #*$45.5(F
      IF 2.#3+*%*/'()*11,&&.. (>(\V"5*+(!4,&\bar{8}))
          23.'(5..T (,+|*41"&,*+<\(4.(&3.4.("+'(@"4&,#$%"4(,55\$.5^+..65('*\$(S"+&(&3.(&.#3(
          #*11,&&..(&*(.Q"1,+.f(
      /F! K"+T:(2.+$4.("+6(J4*1*&,*+()*11,&&..(>(-,T.(\"48.4 FB7(KDJ7K2
YF)GE(K.*4/"+,_"&,*<del>{</del>(
   !)D)(6.#,6.6(&*(/"&3.4(I..68"#T(I4*1(#*%%./!'(#$%&./.+"%(4.@*4&(#"1.(*$&(I4*1(&3.(
   &"5T(I*4#.F((].(S,%%(,@4*(B"'(I*4(@.*@%.(&*(5.+6(,+(#*11.+&5:("+6(&3(+%.#&4*+,#(
```

@*\(S3.4.(!)(1.18.45(#"+(,+6,#"\&.(\&3.,4(6./4..(*I("/4..1.+\&(S,\&3(."#3(#*11.+\&F((23,5(S,\)("\)(3"\@.+(8.\&S..+(+*S("+6(1,6d7#\&*8.4F)

```
G@4,1/24...5(S,&3("%)G4&5(i (E#,..+#..5(/4"6$"&. (#**46,+"&*45:(S3*(3"H. (8...+(,+H,&..6(
                            &*(#*+5$%(&3.,4(6.@"4&1.+&"%(#*%" "/$.5("+6(&*(6.%H.4(1..68"#T(&*(&3.,4(
                             6,H,5,*+05(XGG)(4. @4. 5. +&"&,H. F(J% "5. (#*+&"#&(' *$4(6. @"4&1 . +&05(/4"6$"&. (
                             #**46,+"&*4(,I(' *$06(%T. (&*(. Q" 1 ,+. (B$45,+/05(I$%(@4*@*5")%(
bf 7&3.4<((
          n$. 5&,*+(4. /"46,+/(&3. (5&"II,+/(*I(&3. (6,H. 45,&' (#* 1 1 ,&&. . f(
         A+("(E. @&. 18. 4(9U(. 1",%(A+&. 4, 1(J4*H*5&(c. S,5(S4*&. ∢
                             K. #. +&%: (\(1/5\)@*T. (\(5,\)&3(\(8.3\)). (6. "+5(*1(*$4(5#3**\)6("+6(#*\)%\)/. 5(\(8*(*$\)8\)%+. ("(\(@4*\)#. 55(
                            8' ($3,#3($. ($,\mathbb{M}. +5$4. ("(6,H. 45. (@**\%*I(#"+6,6"\&. 5($3. +(I,\mathbb{M}+/(. "#3(*@. +(
                            1"#$%' (@*5,&,*+F(23. (@4*#. 55(,+#%$6. 5(N(#3. #T@*,+&5(&*(1 *+,&*4(&3. (5. "4#305(
                            @4*/4.55F(M4F(E1,&3(S, %%, "6("(/4*$@(*I(I"#$%'("+6(5&"II(&*(*H.45...(&3,5(
                             1*+,\&*4,+/(@4*\#.55F() *4T,+/($,&3(M4F(E 1,&3:(,1(&3.("@@\\#"8\\ (6. "+:(6.@"4\&1.+\&(
                            #3",4(*4(h(6. &. 41,+. (&3"&(&3. (@**%(*1(#"+6,6"&.5(1*4("+'(/,H. +(5. "4#3(,5(+*&(
                            5$11,#,. +&% (6,H. 45.:(S. (S, M@$M&3. (@%$/(*+(&3"&(5. "4#3("+6(4. a$. 5&(&3"&(&3. (
                            5. "4#3(5&"4&(*H. 4F(
          23. (! "#$%'() *$+#,%I$% (5$@@*4&5(&3. (/*"%*I(&3,5(#*11,&&..:(8$&(3"5(a$.5&,*+5("8*$&(
         &3. (1.#3"+,51(I*4(5&"II,+/(,&f(M*.5(&3.(!"#$%\'(-"+$"%("%\*S("+("@@*,+&.6(#*11,&&..(&*(
          . Q. 4&("6H,5*4'(,+1%$. +#. (*H. 4(5. "4#3. 5f(23. (! "#$%\' (- "+$"\%*+\% (5"' 5<
                             ! *4(I$%M&, 1 . (@*5,&,*+5:("(5. "4#3(#*11,&&. . (#*1@*5.6(@4,1"4,% (*I(I"#$%'(
                             1. 18. 45(*46,+"4,% (S,\%8. (. 5\%8\%53. 6(\&*(,6. +\&,1'("+6(,+\&.4H,. S(\psi"+6,6"\&.5F(23. (
                            Da$"%D1@%*1.+&(7@@*4&$+,&'(J*%#'("+6(GII,41"&,H.(G#&,*+(J%'+(*1(&3.(
                             C+,H. 45,&' (S,\mathbb{M}8. (1*\mathbb{M}*S. 6(,+(5. "4\mathbb{M}3,+/(1*4:(,+\&.4H,.\S,+/:("+6(\mathbb{H}3**5,+/("\1*4:(,+\&.4H,.\S,+/:("+6(\mathbb{H}3**5,+/("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:("\1*4:(,+\&.4H,.\S,+/:()))))))))))))
                             #"+6,6"&. 5F((
          A&("@@. "45(&3"&(&3. (/4*$@(% 6(8' (M4F(E1,&3(S,%). +5$4. (&3"&(&3. (Da$"%D1@%*'1. +&(
          7@@*4&$+,&' (J*%#' ("+6(GII,41 "&,H. (G#&,*+(J%'+("4. (I*%*S. 6F([*S. H. 4:(&3. 4. (,5(+*(#% "4(
          1.#3"+,51(6.5#4,8.6(1*4(#3**5,+/(&3.(1.18.45(*1(&3.(#*11,&&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*11,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#*111,&...)f(23.(#
          "@@. "45(&*(8. (*+. (I*41. 6(,+("+("6(3*#(I"53,*+("+6(5,&3*$&("(#% "4(6. 5#4,@&,*+(*I(
          1.18.453,@f((
                             - *&,*+√
                            23. (! "#$%'() *$+#,%*I(&3. () *% /. (*I(G4&5("+6(E#,. +#. 5(4. a$. 5&5(&3. (! "#$%' (
                            E. +"&. (DQ. #$&,H. (#* 1 1 ,&&. . (&*(6,4. #&(&3. (5. +"&. (X*H. 4+"+#. () * 1 1 ,&&. . (P"+6^*4(
                             "+'(*&3.4(4.% H"+&(5.+"&.(#*11,&&...5R(S3.&3.4("(#*11,&&...("5(6.5#4,8.6(,+(
                            A+&. 4, 1 (J4*H*5&(c. S,50(. 1 ", %,5(#*+5,5&. +&(S,&3(&3. (4*% (*I(I"#$%\',+(5. "4#3,+/(I*4:(
```

(

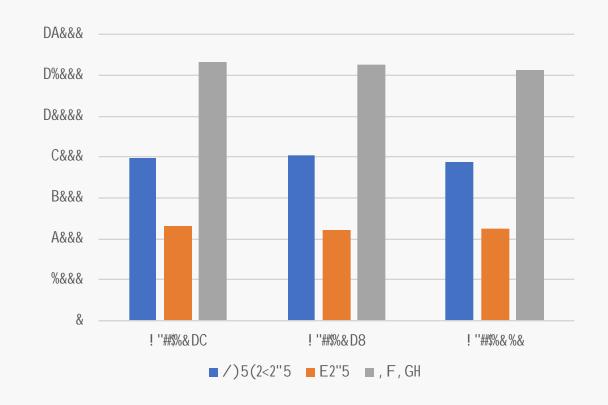
```
,+&. 4H,. S,+/:("+6(#3**5,+/("1*+/(#"+6,6"&.5:("+6(&3"&(&3. (4. % H"+&(5. +"&. (8*6,.5(#*+5$%(S,&3(4. @4. 5. +&"&,H. 5(*I(&3. (%*#"%(GGCJ(#3"@&.4(,+(&3,5(@4*#.55F(X,H. +(&3. (6. 5,4"8,%*'(*I(. +5$4,+/(&3. (*85. 4H"+#. (*I(&3. (Da$"%D1@**'1. +&(7@**4&$+,&'(J**%*'("+6(GII,41"&,H. (G#&,*+(J%"+(*I(&3. (C+,H. 45,&'("+6(&3. (+...6(I*4(#*+5,5&...+#':(&3. (!"#$%'())*$*+#,%I$4&3. 4(4. a$...5&5(&3. (E. +"&. (&*(.0@**4. ("(1. #3"+,51 (I*4(&3. (#4. "&,*+(*I("(5&"+6,+/(#*11,&&...(&*(.+5$4. (I$&$4. (#*1@*"+#. (5. **1...**))**))**(*1. #3"+,51 (I*4(&3. (#4. "&,*+(*I("(5&"+6,+/(#*11,&&...(&*(...+5$4. (I$&$4. (#*1@*"+#. (5. **1...**))**))**(*1. #3"+,51 (I*4(&3. (#4. "&,**+(*I("(5&"+6,+/(#*11,&&...(&*(...**))**))**(*1. #3"+,51 (I*4(&3. (#4. "&,**+(*I("(5&"+6,+/(#*11,&&...(&*(...**))**))**(*1...**))**(*1. #3"+,51 (I*4(&3. (#4. "&,**+(*I("(5&"+6,+/(#*11,&&...(&*(...**))**))**(*1...**))**(*1...**))**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**(*1...**)**
```

UF

! "#\$%'(")*+,"

!"#\$%\'() *\$+#,% -#&*. /0(12(3434 ! "#\$%"#\$&\'()*+, (-. "/0*\'\&1(20340*\'\\$"5(600\\\\. #(789:; 9:; 8; 8<

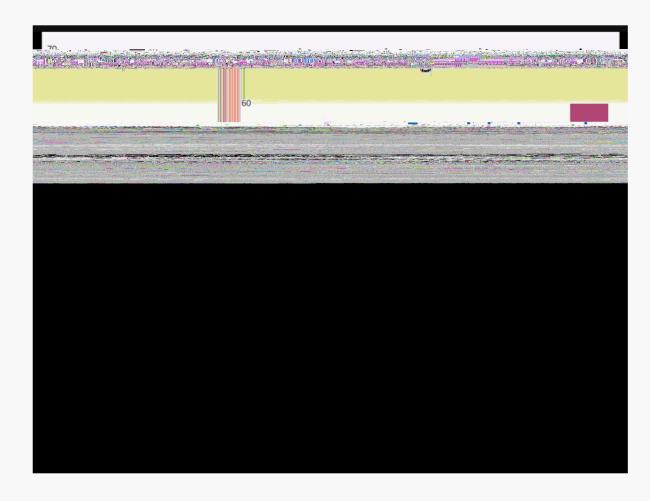
- ! "#\$%&%&\$' () *+*
 - , -."#\$/)01(2*0.3\$4.+5().\$ 6("57-+).
 - !"#\$.-\$!"#\$2(.().0-)\$2".(\$".\$
 8&9\$:.2"7;0)<\$=0.>\$?2(10-+*\$
 3("2*@



! "#\$\\#\$\\"\\"\ (-. \"\0\\"\\1(20340\\"\\5(600\\\"\)\\"\\1(789:; 9:; 8; 8<

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

! "#\$%#\$&\'()*+, (-. "/0*\'\&1(20340*\'\\$"5(600\\\". #(789:; 9:; 8; 8<



- ! "#\$%&'! () (*+(#', -. %%\$%&'/%&/\$%&0'12+'. %+\$3\$".+('3/) \$%&'1.34'! "# \$%&'(\$& +5. %'6(1#2. #7'8
- , -. %% (9'2"9. +(*'+/': ;;\$3('<=>'?\$--'/332#'%)*\$. --'*() (*+(#'(%9*'+/') \$\%\$) \$@('9\$*#2"+\$/%
 - A(?';(.+2#(*0'\$) "#/B(9';2%3+\$/%.-\$+7