
Z&1 " '01(#+ ""

F0%((H*NA*5K88K9A*i31C"2&+ ? 1(j*4)*Q%"V1 ? #""*\$+ "*G(CD_&12=Q1&&%A*C ! 48(2/3).
5UUA*:88=:8K9A*

F0%((H*NA*5K88K9A*iZ.%*]1(.%&*G(+&)j*4)*]%C""*k1# ? +00CA*C ! 48(2/3). 5UUA*
: :<=: : \9A*

+, (-.//'()%0*+, . / .)&%&' () / *

I

- + "=|C&#%2*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*P&12C1(%*G(C2% " (* / +00+XC#C ? *# ""*P%& ? 1"*G(C2#% ' H*
i / + " ,%&% " D% ' *# ""*P%& ? 1"*G(C2#% ' @*L ""*R\$%&\$#% ^Hj*E#D.#01"*G(1(%* ! "#\$%&' #()A*
5 - +\$% ? 4%&*K88S9A*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*iG+02#%&'`21C0.(%&'*2+ "(D&)@*P%"2%&H*' %aC10#()H*1"2*
U+0#(#D' *# ""*iP#&0' *# "" ! "#, +& ? j j* ! "#\$%&' #() +, *R&%O+ "H*>CO% " %H*RTA*5RD(+4%&*K88S9A*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*T% .%1&' 10*W+&_ ' . +U*, +&*M&+2CD(#+ ""*, *i / 141&%(jH*iL&(*1"2*
M+0#(#D' *# ""*(. %*W%# ? 1&*T%UC4#Hj*E#D.#01"*G(1(%* ! "#\$%&' #()A*5G%U(% ? 4%&*K88S9A*

I

IC&#%2*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*Z^% ") = '%\$% " (. *F" (%&' 1(#+ "10* / + " ,%&% " D% *+ ""*3#1&' # " OH*
i E 1_# " O*# " , +& ? 1(#+ ""*0#(%&1D) *# "" ' (&CD(#+ "" ? +&%*%XC#(140%*, +& , #&' (=0% "%&1(#+ ""* (C2% " (' Hj*
I 10% " D#1H*GU1# ""*5 ? +\$%2*+ ""# "" %*2C%*(+ / R IFN=<69A*5IC0)*K8K89A*

N+ ? %& ? C(. H*>A*5LC(. +&*b*M&% ' % " (%&9H* / +C(C&%H*IA*5LC(. +&*b*M&% ' % " (%&9H*]0+&%&' D. H* - A*
5LC(. +&9H*F0%((H*NA*5LC(. +&9H* - +^1_H*eA*5LC(. +&9H*T+4%&('H*3A*5LC(. +&9H*IA*GA*5LC(. +&9H*
W1(' + "H*TA*5LC(. +&9H*L ' ' +D#1(#+ ""*, + / +00%O%*b*T%' %1&D.*3#4&1&#%' / + " ,%&% " D%#H* i]#&' (=
0% "%&1(#+ ""* (C2% " (* 1&&1(#\$%' *1"2' (. %*1D12% ? #D*0#4&1&Hj* / 0%\$%01"2H*R cA*5LU�*K8<69A*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*N+ ? %& ? C(. H*>A*5LC(. +&*b*M&% ' % " (%&9H* / +C(C&%H*IA*
5LC(. +&9H*]0+&%&' D. H* - A*5LC(. +&9H* - +^1_H*eA*5LC(. +&9H*T+4%&('H*3A*5LC(. +&9H*G10h' H*IA*
5LC(. +&9H*W1(' + "H*TA*5LC(. +&9H*3#4&1&) *L ' ' % ' ' ? % " (* / + " ,%&% " D%#H* iT%, 0%#D(#+ ""* + ""*
/ &%1(#" O*1*EC0(=#G#(H*E#a%2*E% (. +2' H*1"2*F" (%&U&#(\$%*L ' ' % ' ' ? % " (*M&+V%#D(Hj*
c+C' (+ "H*ZmA*5ND% ? 4%&*K8<S9A*

]0+&%&' D. H* - A*5LC(. +&*b*M&% ' % " (%&9H*N+ ? %& ? C(. H*>A*5LC(. +&*b*M&% ' % " (%&9H* - +^1_H*eA*
5LC(. +&*b*M&% ' % " (%&9H*W1(' + "H*TA*5LC(. +&*b*M&% ' % " (%&9H* / +C(C&%H*IA*5LC(. +&9H*F0%((H*NA*
5LC(. +&9H*T+4%&('H*3A*5LC(. +&9H*G10h' H*IA*5LC(. +&9H* / +0+&12+*L ' ' +D#1(#+ ""*, *3#4&1&#%' *
/ + " ,%&% " D%#H* i>aU%&#% " D% ' *+ , *]#&' (=P% "%&1(#+ ""* / +0+&12+*G(C2% " (' Hj*3+\$%01"2H* / RA*
5G%U(% ? 4%&*K8<S9A*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H* / +0+&12+*L ' ' +D#1(#+ ""*, *3#4&1&#%' / + " ,%&% " D%#H* iW. 122) 1*
e"+^n@*]#&' (=P% "%G(C2% " (' *]C'2' *+, *e"+^0%20%#j*3+\$%01"2H* / RA*5G%U(% ? 4%&*K8<S9A*

/+C(C&%H*IA*5LC(.+&*b*M&%%'%"(%&9H*T+4%&('H*3A*5LC(.+&*b*M&%%'%"(%&9H*F0%((H*NA*5LC(.+&*b*
M&%%'%"(%&9H*N+??%&?C(.H*>A*5LC(.+&9H*]0+%&'D.H*-A*5LC(.+&9H*-+^1_H*eA*5LC(.+&9H*
G10h'H*IA*5LC(.+&9H*W1('+"H*TA*5LC(.+&9H*]#&'(=P%"%&1(#+)*G+C(.^%('G)?U+'#C?H*
iio+C*P+(Z.#'j@*]#&'(=P%"%&1(#+)* /+00%O%*G(C2%"('*1"2*(.%*LD12%?#D*3#4&1&)Hj*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*Z^% "(#(./ % "(C&)*3#(%&1(C&% / + " ,%&% "D%h*iT%D+ " '#2%&#"O*
Q1&(. % ' ^&#(%&0))*(%a@*Z. %*D+2%*+, *D+ ("O% "D))#"*> ? # "%*G%\$O*# sp21 ? 1& ' *iN%&* c+, *
? *GU#%O%0j j*3+C# ' \$#00%H*eoA*5] %4&C1&)*K88Y9A*

- + " =|C&#%2*

F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*]0+&'D. H* - A*5LC(. +&*b*M&% ' % " (%&9H*Z%1D. # "O*1 "2*
L ' ' % ' ' ? % " (*G) ? U+ ' #C ? H* i] #& ' (=P% " %&1(#+ " *G(C2% " (' `*L((#(C2% '*Z+^1&2*1 "2* ! ' %*+, *
(. %* ! "#\$%& ' #() *3#4&1&#% ' Hj* ! " # \$%& ' #() *+, * - +&(. %& " * / +0+&12+A*5E 1&D. *K8<69A*

e# ? 4&+C0. =c 1) ^1&2H*GA*5LC(. +&*b*M&% ' % " (%&9H*T 1) ? + "2H*eA*5LC(. +&*b*M&% ' % " (%&9H*Q01D_H*
GA*5LC(. +&*b*M&% ' % " (%&9H*F0%((H*NA*5LC(. +&*b*M&% ' % " (%&9H*L ' ' % ' ' ? % " (*] 1#&H*iZ. %*
Q%1(# "O* c%1&(*+, * / c>gZTFR*GGG@*L " *F"=N%U(. *G(C2) *+, *]#& ' (=P% " %&1(#+ " *G(C2% " (' *1*
! - / Hj* ! "#\$%& ' #() *+, * - +&(. %& " * / +0+&12+A*5E 1&D. *K8<S9A*

F0%((H*NAH*P&12C1(%*T% ' % 1&D. *>\$% "# "O#i] #& ' (=P% " %&1(#+ " * / +00%O*G(C2% " (' `*F, +& ? 1(#+ " *
Q% . 1\$+&Hj*P&%%0%)H* / RA*5N%D% ? 4%&*K8<79A*

7. / . %, \$8*) *+, (? , . // *

iZ. %N%\$%0+U ? % " (*+, *GD. +01&0)*F2% "(#) *1 ? + "O] #& ' (=P% " %&1(#+ " *G(C2% " (' *Z&1 " '#+ " # "O*(+*
P&12C1(%*GD. ++0j*5M01 " " # "O9A*

@. %\$8') ?*

@. %\$8') ?*! 34., .)\$. *

C

/ +C& ' % '*Z1CO. (@*

3FQ* <K: H*F" (&+2CD(#+ " (*+3#4&1&)*T% ' % 1&D. H* : *D+C& ' % ' A* <A88*D&%2#(*. +C& ' A*

3FQ* <; 8H*F" (&+2CD(#+ " (*+ ! "2%&0&1(D&) - 2<A88*88*8*888\$G: *D+C& ' % ' A* <A88*D&%2#(*. +C& ' A*

3FCY' 8H*Z1CO) < (@** (' (* "),

888\$GM(\$F\$(m" B "S*Á"&(m" B "S*Á"&1qM&1cT\$La"&!L\$B \$bj" (Q&N" \$D+C&%A*

888\$W& ' % % " j*(

I+0C"(%%&*Z%1D.%&H*P%&?1"*,+&*e#2'H*E#D.#01"*G(1(%*!"#\$%&'#()H*>1'(*31"'#OH*EFA*5LCO'(*K887*=E1)*K8<<9A*

C.;.0(42.)&*1\$&';&'./*1&&.)".*

W+&_'.+UH*iN#\$%&'#()*b*F"D0C'#\$#()*#"/+00%D(#+"QC#02#"OHj*/+0+&12+*LD12%?#D*3#4&1&)*L''+D#1(#+"*5/+L3L9H*N%"\$%&H*/RA*5IC0)*K8<69A*

W+&_'.+UH*i/1(10)'(0*L*G+D#10*IC'(#D%*T%(&%1(Hj*!"#\$%&'#()*+,*-+&(.%&"*/+0+&12+H*>'(%'*M1&_H*/RA*5I1"C1&)*K8<69A*

G%?#"1&H*iGTE*YS8*F"(&+2CD(#+"*+[C10#(1(\$%*T%'%1&D.Hj*!"#\$%&'#()*+,*-+&(.%&"*/+0+&12+A*5]100*K8<79A*

1E%,"*%)"*F(,/*

e"*c1)D+D_*L^1&2*+&*>aD%U(#+"10*M&+,%''#+"10*M&+?#'%H*G1"*I+'J*G(1(%*!"#\$%&'#())A*5K8<;9A*

cA*WA*W#0'+*GD.+01&'#.UH*G1"*I+'J*G(1(%*!"#\$%&'#())A*5K8<\9A*

E1&+*"N+&&+.*E%?+
GD.+01&'#.UH-%^E#a#D+*3#4&1&)*L''+D#1(#+"A*5K8<\9A*

T+4%&(*>00%((GD.+01&'#.UH*G1"*I+'J*G(1(%*!"#\$%&'#())A*5K8<\9A*

]00+^'.#U*,+&*Z%D."+0+0)*1"2*31"OC10%*3%1&"#OH*/%(%&,+&*31"OC10%*Z%1D.#"O*L2\$1"D%?%"(H*E#D.#01"*G(1(%*!"#\$%&'#())A*5K8<<9A*

G(C1&(*Z1\$*Z%1D.#"O*]00+^'.#UH*!"#\$%&'#()*+,*/.#D10+A*5K88Y9A*

I1?%'*/A*c+&?%0*N#'%'&(1(#+"*]00+^'.#UH*3%'4#1"*1"2*P1)*G(C2#%'M&+I%D(H*!"#\$%&'#()*+,*/.#D10+A*5K88;9A*

I1"D%*31"D1'(%&*P&12C1(%*T%'%1&D.*P&1"(H*3%'4#1"*1"2*P1)*G(C2#%'M&+I%D(H*!"#\$%&'#()*+,*/.#D10+A*5K88\9A*

+,(-.//')%0*G.2>.,/8'4/*

L?%&#D1"*3#4&1&)*L''+D#1(#+"A*5K8<:*M&%''%"(9A*

L''+D#1(#+"*+,*/+00%O%*b*T%'%1&D.*3#4&1&#%'A*5K8<7*=M&%''%"(9A*

/+0+&12+*L''+D#1(#+"*+,*3#4&1&#%'A*5K8<7*=M&%''%"(9A*

-%^E#a#D+*3#4&1&)*L''+D#1(#+"A*5K8<:*K8<79A*