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

12'3" (*4\$"-'&'" ('3#*

! "#\$#%&\$#\$% '(%) *+ , +- . /%. O%. 1 , +-+\$2*.2+ '-%.\$%.%)#-2*./% , #. - \$% '(%*#\$+\$2+-3%2"#%.4'/+2+'-%'(%

\$/.5#*67%8#)'-\$2*&)2+'-7%.-1%1#\$#3*#3.2+'-7%)'-2+-&#%2'%+-('*,%)*+,+-./%9*')#\$\$#\$%.-1%

+-\$2+2&2+'-\$%2'%2''+\$%1.6%46%#-.4/+-3%('*,\$%'(%4*&2./+26%.-1%1+\$*#3.*1%2''.2%0'&/1%4#%&-+,.3+-.4/#%

G'76.--.*4-.B%(8.2*%(8*6.2*7"(&. #: "2%2'.3H'(7-,8'())*I2/%(*J&.=.(3"()*5%KL.6'3'* ! "%&.3?*5'#*M'3.?*4().-%*N%='3?*G%27*O% # "(&*+'--H%2.*% # "()*&6"3.*%7&'=.-/*:,23,'()* 2.3'3&%(7.*%(8*76%().*&''*&6.*6.).#"('7*''28.2;*<(*4-.B%(8.2P3*0RSTRU*>''2E?*!''#%G#O%H+,%I*'07% 36.*.3&%\$-'36.8*&62..*#%\"2*3/3&.#3*"9*2%7'%-*7"(&2"-*'(*4 #.2'7%(*6'3&"2/0*3-%=.2/?*\"#*!2">?*%(8* #%33*'(7%27.2%&'''(;*N.3:'&.*36'9&'()*%(8*8.7.:&'=.*26.&''2'7?*&6.*&.76(''-'')'.3*%(8*3/3&.#3*''9* 22% (39"2 # %&'" (*% (8*&2% (3-%&'" (*\$.&>.. (*&6.3.*3/3&. # 3:*477"28'()*&''*4 (82.%*J # '&6*0RSTRU?*&6.* 9"2#%&\"(*"9*&6.3.*2%7'%-*7%3&.*3/3&.#3*7%(*\$.*,(8.23&""8*&62",)6*&6.*-.(3.3*"9*>6'&.*3,:2.#%7/* % (8*3. &&-.2*7"-"('%-'3#;*J#'&6*'8.(&'9'.3*&62..*:'--%23?*"2*:2'#%2/*-")'73?*"9*>6'&.*3,:2.#%7'3&* 3. & - . 2*7"-" ('%-'3 # 0*C0TU*3-%=. %\$'-'&/X% (& 'K I -%7E*2%7'3 # ?*>6'76*% (76"23*7%: '&%-'3 # Y*0RU*). ("7'8.?* >6'76*% (76"23*7"-" ('%-'3#]*% (8*0ZU*"2'. (&%-'3#]*>6'76*% (76"23*>%2D*0RSTRU;*56.*9'23&:'--%2?* 3-%=.%\$'-'&/?*6%3*#%('9.3&.8*'(*8'99.2.(&*9"2#3?*'(7-,8'())*36%2.72"::'()?*'(8.(&,2.8*3.2='&,8.?*) 7" (='7&*-.%3'()?*%(8*>6%&*'3*&/:'7%--/*2.9.22.8*&"*%3*3-%=.2/*'(*4 # .2'7%(*6'3&"2/*0J # '&6*RSTRU:* 56.*7"(&'(,.8*7"##"8'9'7%&'"(*"9*\$-%7E*\$"8'.3*&6%&*7%(*\$.*"\$3.2=.8*'(*.%76*"9*&6.3.* #%('9.3&%&'''(3*'3*2'''&.8*'(*%(*''(&''-'')/*&6%&*6''-83*\$-%7E*'(8'='8,%-3*%3*'(6.2.(&-/*3-%=.%\$-.*%(8* #.2.-/*:2":.2&/*0J #'&6*RSTRU;*56.*3.7"(8*:'--%2?*).("7'8.?*2.F,'2.3*&6.*8'3%::.%2%(7.H"2*

B. (": 6"\$'%*&">%283*7.2&%'(*)2", :3*%(8*(%&'"(3;*56.*7"(&'(,.8*(%&,2.*"9*&6.3.*:2"7.33.3* 7"22.-%&.3*>'&6* I "(83*%(8*<(>""8P3*QRST]U*%2), #.(&*"9*%*7"(&'(,.8*:2"8,7&'"(H"2*2%&6.2* 2.:2"8,7&'"(H"9*>6'&.*3,:2.#%7'3&*3/3&.#3*&62",)6",&*4 #.2'7%(*6'3&"2/;*56./*%2),.?*C<9* :2'='-.).*%(8*2%7'3#*%2.*&6.*3/#:&"#3?*>6'&.*3,:2.#%7/*'3*&6.*8.9'('()*-")'7*"9*\$"&6*2%7'3#*%(8* :2'='-.).*%3*&6./*%2.*7,-&,2%--/*%(8*#%&.2'%--/*:2"8,7.8D*QI"(83*%(8*<(>""8*^RSU;*5"8%/?*&6.3.* &6.#.3*"9*>6'&.*3,:2.#%7/*%2.*#%('9.3&.8*'(*&6.*-.)%-*3/3&.#P3*,3.*%(8*%\$,3.*"9*'(7%27.2%&'"(;** * 4-#"3&*'##.8'%&.-/*9"--">'()*&6.*'((+)+./% 9"2*7" (='7&'" (*9"2*&6.*3%-.*"9*9'=.*6, (82.8*)2% # 3*"9*: ">8.2*7"7%'(.*%(8*%*7" (='7&'" (*9"2*&6.*3%-.* "9*9'=.*)2% # 3*"9*72%7E*7"7%'(.*04-.B%(8.2*TTRU;**

56'3*)2"33*3.(&.(7'()*8'372.:%(7/*%--">3*9"2*:2'3"(3*&"*\$.*9'--.8*>'&6*#"2.*\$-%7E*%(8* \$2">(*'(8'='8, %-3;*e"2*.B% #:-.?*"=.2*&6.*7", 23.*"9*"(-/*&62..*/.%23?*&>"*&6", 3%(8*:.":-.*>.2.* 76%2).8*>'&6*9.8.2%-*72%7E*7"7%'(.*='"-%&'"(3*Q4-.B%(8.2*TT`U;*[9*&6.3.*2.7"28.8*&>"*&6",3%(8?* %--*\$, &*.-.=. (*>.2.*\$-%7E*%(8*(''&*%*3'()-.*'(8'='8,%-*76%2).8*>%3*>6'&.*04-.B%(8.2*TT`U;* + "22'9/'()-/?*6">.=.2?*4-.B%(8.2*7'&.3*%*3&.8/*:,\$-'36.8*'(*RSSS*92" #*&6.*L%&'' (%-*<(3&'&.&*''(* ,3.*72%7E*7"7%'(.*%&*.')6&*&'#.3*&6.*2%&.*"9*\$-%7E*3&,8.(&3?*%(8*,3.*6.2"'(*%&*3.=.(*&'#.3*&6.*2%&.* "9*\$-%7E*3&, 8. (&3D*04-.B% (8.2*ddU;*J"*("&*"(-/*%2.*492'7%(*4 #.2'7%(3*:"-'7.8*%(8*:.(%-'A.8*%&*** 6') 6.2*2% & * & 6% (*>6' & .3?*\$, & >6' & .3 H 3:.7'9'7%--/*7"--.).K%).8*>6' & .3 H , 3.*\$" & 6*72%7E*% (8* :">8.2*7"7%'(.*%&*6')6.2*2%&.3;*56'3*'3*,(9%&6"#%\$-.*)'=.(*&6.*7"(='7&'"(*2%&.3;*12.3'8.(&* I %2%7E* [\$% # %P3*e%'2*J.(&.(7'()*47&*'(*RSTS*2.8,7.8*&6.*TSS*&"*T*72%7EX7"7%'(.*3.(&.(7.* 8'372.: % (7/*&"*% (*T_*&"*T*2%&'"*Q a 2%99*TZSU;*56'3*'3*, (9"2&, (%&.-/*3&'--*)2"33-/*'(.F, '&%\$-.;*e"2* 3. (*k*. (7'()**k*"*\$.*.F, '*k*%\$-.?**k*6.*2%*k*'"*36", -8*3' # :-/*\$.*T**k*"*T;*\ (9"2*k*, (%*k*.-/?**k*6.**k*2%(3'*k*'"(*"9* 3/3&. #3*"9*2%7'%-*7"(&2"-*'(&"*&6.*7.22.(&*3/3&. #*"9*#%33*'(7%27.2%&'"(*'3*("&*-'#'&.8*&"* 3. (&. (7'();**

* 56.*9"2#3*%(8*3:%7.3*"9*:,('36#.(&*8,2'()*3-%=.2/*>.2.*&2%(3-%&.8*'(&"*9"2#3*%(8*3:%7.3*
"9*:.(%-*:,('36#.(&*&6%&*%2.*3&'--*,3.8*&"8%/;*b%36%8*J6%\$%AA?*%,&6"2*"9*J9.2+./+K+-3%L/.)M-#\$\$C%
N*) "+2#)2&*#\$%'(%I'-(+-#, #-2%. -1%L/.)M%=.\$)&/+-+26%+-%I"+).3'?*%2),.30**

<(*&6.*\('&.8*J&%&.3?*7%27.2%-*:">.2?*>6'76*>%3*\$"2(*",&*"9*&2%(3%&-%(&'7*3-%=.2/?* >%3*.B:2.33.8*"(*&6.*:-%(&%&'"(*%(8*'(*&6.*\$2"%8.2*).")2%:6/*"9*&6.*J",&6;* !%27.2%-*:">.2*>%3*7.(&2%-*&''*&6.*:,('&'=.*.7"("#/*"9*3-%=.2/*%(8*&6.*-.)%-* 4

: .2: .k, %k.*2%7'%-*6.). # "(/;*56'3*2.8, (8%(7/*'3*("k. > "2k6/*%3*>.--;*4*2.3'-'.(k*3/3k.#*6%3*\$, '-k* '(*2.8, (8%(7'.3?*3"*k6%k*k6.*9%'-,2.*"9*"(.*2.3:"(3.*8".3*("k*#.%(*%*9%'-,2.*k"*%76'.=.*k6.* 3/3k.#P3*.(8*)"%-;*56.3.*2.8, (8%(7'.3*.(3,2.*k6%k*("*:.23"(*"9*7"-"2*'3*.%3'-/?*"2*.=.(*:"33'\$-/?* %\$-.*k"*2.#%'(*,(%99.7k.8*\$/*k6.*'(9-,.(7.*"9*6.).#"('7*("2#3*"9*7%27.2%-*>6'k.*3,:2.#%7/;* M6.(*3'#'-%2-/*.B%#'('()*k6.*2.#(%(k3*%(8*k2%(3-%k'"(3*92"#*k6.*W'#*!2">*.2%?*>.*7%(*3..*k6%k* > 6'k.*3,:2.#%7/;* M6.(*3'#'-%2-/*.B%#'('')*k6.*2.#(%(k3*%(8*k2%(3-%k'"(3*92"#*k6.*W'#*!2">*.2%?*>.*7%(*3..*k6%k* > 6'k.*3,:2.#%7/;* M6.(*3'#'-%2-/*.B%#'('')*k6.*2.#(%(k3*%(8*k2%(3-%k'"(3*92"#*k6.*W'#*!2">*.2%?*>.*7%(*3..*k6%k* > 6'k.*3,:2.#%7/;* M6.(*3'#'-%2-/*.B%#'('')*k6.*2.#(%(k3*%(8*k2%(3-%k'"(3*92"#*k6.*W'#*!2">*.2%?*>.*7%(*3..*k6%k* > 6'k.*3,:2.#%7/;* M6.(*3'#'-%2-/*.B%#'('')*k6.*2.#(%(k3*%(8*k2%(3-%k'"(3*92"#*k6.*W'#*!2">*.2%?*>.*7%(*3..*k6%k* > 6'k.*3,:2.#%7/;* M6.(*3'#'-%2*')*8*(**3*%(8*9,k,2.3;*<kP3*("'')*")*C7"-"2K\$-'(8D*-%>3*k6%k*%2.*,3.8*k"* 7"(k2"-*\$-%7E*%(8*\$2">(*\$"8'.3?*#'(83*%(8*9,k,2.3;*<kP3*("*7"'(7'8.(7.*k6%k*k6.*3k%k.3*>'k6*k6.*6')6.3k*.B.7,k'"(*2%k.3*QJk.=.(3"(*RSTcU;*f'k6.2* > %/?*3/3k.#%k'7*2%7'3#*'3*%7k,%-'A.8*k62",)6*%*3:2":"2k'"(%k.*k62.%k*"9*:2.#%k,2.*8.%k6

.33.(&'%--/*:.2#'33'\$-.;*<(*Tddc?*1.--*a2%(&*.-')'\$'-'&/*>%3*%-3"*"99'7'%--/*3&2'::.8*92"#*7"(='7&.8*1)

9.-"(3*QG%37'*_TcU;**

56.*2')**6**&*&''*=''&.*>%3*(''&*'('&'%--/*)2%(&.8*&''*492'7%(*4 #.2'7%(3

-.9&*W'#*!2">*'(&%7&D*QT^`U;*<(*&6.*L.>*N.%-P3*.7"("#'7*2.9"2#3?*&6.*8.-.&.2'",3*(%&,2.*"9*

8

56.*:2'3" (*'&3.-9*'3*\$"2(*", &*"9*&6.*.B:-"'&%&'"(*"9*-%\$"2*%(8*&6.*>6'&.*3,:2.#%7'3&* '#:,-3.3*&6%&*,(8.2)'28*'&*%2.*'(3.:%2%\$-.*92" #*&6.*'(3&'&,&'"(*'&3.-9*;*;*;*&6.*:2'3"(* '(7-,8.0*:2'3"(*%\$"-'&'"('3#*2.3,-&3*'(*%(*'##.8'%&.*.-'#'(%&'"(*"9*:2'3"(3*"2*'(7%27.2%&'"(* 3'#'-%2*&"*&6.*3,::"3.8*.(8*"9*3-%=.2/*>'&6*&6.*56'2&..(&6*4 #.(8#.(&Y*3.7,2.*7"(9'(.#.(&*'3*("* -"().2*%(*":&'"(Y*%(8*3'#'-%2*&"*&6.*:2.='",3*:"'(&?*%--*='"-.(&*"99.(8.23*36",-8*\$.*%\$-.*&"*-'=.* 92..-/*%#"()*3"7'.&/;**

* <(*%7&,%-'&/?*12'3"(*%\$"-'&'"('3#*'3*'(3&.%8*%(*.B&2.#.-/*:2"7.33*"2'.(&.8*#"=.#.(&?* >6'76*%'#3*9"2*.=.(&,%-*8.7%27.2%&'"(?*.B7%27.2%&'"(?*%(8*8.72'#'(%-'A%&'"(*QN%='3*%(8* b"82'),.AU;*N.7%27.2%&'"(*'3*&6.*:2"7.33*"9*2.8,7'()*.'&6.2* 12'3" (*%\$"-'&'" (*6%3*&6.*: "&. (&'%-*&"*36'9&*", 2*: 2%7&'7.3*"9*V, 3&'7.*92" #*.B7-, 3'" (%2/*% (8* :, ('&'=.*&"*2.3&"2%&'=.*% (8*'(7-,3'=.*0N%='3*% (8*b "82'), .AU;*477"28'()*&"*4--.)2%*G;*G70. "8?* >%3*'(&.(8.8*&"*%76'

GP87%L1b?*RS*J.:&;*RST`?*

dSU;* I .2E.-./?*!4(
*
*
*

 $dSU;*I.2E.-./?*!40* \setminus ('=.23'\&/*''9*!\%-'9''2('\%*12.33;**)$

 $J # '\&6?*4 (82.\%; *QRSTRU; *<(8').(.'\&/?*3.\&-.2*7"-"('\%-'3\&?*>6'\&.*3,:2. #\%7/; *<(*N;*G;**+"J\%()?*[;*O\% I.((.\&?*p*O;*1,-'8"*Qf83;U?*b\%7'\%-*9"2#%\&'"(*'(*\&6.*RT^{3\&*7}.(\&,2/*Q::;*``K$

. - 1%2''#%0 -).*)#*.2+'-%L+-3#;%0%(6%#?*GN0*b''>#%(*p*O'&&-.9'.-8?*RSTS;**)