

2LFLG"H"2LFOG"	81-;.^.%WF"C-7\$-9:(\$:%("\$";J%"., %1\$(:. 1(B"	\%\$-*"D)1\$%"
2LFOG"H"20FGG"	P(\$%B" .*: . **-#\$F" I J)"J(=%";J%*%":1-;.^.%**"(1-*%\$" H"EJ(;R*" 1=-;\$7";J%+K"\#";J%)"J(=%";1(:;-#\$" (:1#**"9-%B' *"#9", 1(:;-:%K"	P(\$%B"#9"W", 1%*%\$;%1** 0(:-B;(;#1?"@-+"I -\$;%1"

@; :<<,A,@E:<<,FGHI J,

?*%"/#;, ;, P a 2SFGG"H"23FOG"	I J(;-*";J%#7#-\$7-\$9B. %\$:%#9+#' %1\$-";:#\$:%, ;**#9". \$-=%1*(B=(B. %K" 6#E" #%"**"-7\$-9:(\$:%("**%*+%;\$-;\$%1*%:";E-;J:#\$:%, ;**#9%;J-:*/" *#;-(B'a. *;-:"(\$' " . *;(-\$(>-B;)K" 6#E" #":#\$:%, ;**#9*-7\$-9:(\$:%E#1T"E-;J-\$";J%" -7-;(B' #+(-\$K"	
2S?GG"H"2SF2G"	8(*%C;. ')"2F"C-7\$-9:(\$:%(";"(B%&" \$' %1*(\$' -\$7" ;J%=(B. %"#9"23G"+-BB-#\$"\$E*, (, %1"(1;-:B%*	@-+"CJ%11(;;"
2SF2G"H"2SFLG"	8(*%C;. ')"LF"C-7\$-9:(\$:%-\$";J%" -7-;(B' #+(-\$"	X%#99"6-\$:J:B-99%"
2SFLGd2SFOG"	8(*%C;. ')"OF"C. *;(-\$(>B%6%1-;(7%="*C. *;(-\$(>B% <*	c%1#-\$:("D. BB#:T"
2SFOG"H"2SFSG"	8(*%C;. ')"SF"4. *%. +*(^":1%(:-=%B(>#1(;#1-%"	! \$7%B-\$("V. **#"
2SFSG"H"2SF3G"	8(*%C;. ')"3F"@J%#, #B;-:(B=(B. %"#9"J%1-;(7%"	@-+"I -\$;%1"
2SF3G"H"23FGG"	8(*%C;. ')"WF"@J%";J-: *"#9"-\$-7\$-9:(\$:%"	@1(:)"A1%B(\$' "
23FGG"H"23FOG"	P(\$%B"\-*: . **-#\$F"	P(\$%B"#9"3", 1%*%\$;%1** 0(:-B;(;#1?"\%\$-*"D)1\$%"

@K; :<,A,@L:<<,M'1*5#//#1*),05*)C,

?*%"/#;E, a 2WFGG"H"2YFGG"	I J(;:#\$;1->. ;-#\$(;\$;J-***)+, #*- . ++(T%";#";J%#1)"(\$' ", 1(:;-:%" :#\$:%1\$-\$7M-\$N*-7\$-9:(\$:%("\$' "=(B. %*K" A\$EJ(;E())**+ -7J";J-*)>%(J-%=%' K" I J(;;J%#1%;-:(B'1#(' >B#:T*/1%*(1:J"(\$' ":1%(:-=%" -1%:-#\$*9#1" , 1(:;-:%+ -7J;"E%1%:#7\$- *K"	
2WFGG"H"2WF2G"	V%9B%:-#\$"2"	V#**"X->*#\$"
2WF2G"H"2WFLG"	V%9B%:-#\$"L"	CJ(1#\$"C. BB-(\$"

?*%"/#D,0,

a

G5%. 3),65* - *5"(C*8"

AS";J%B(" ' . , ;#"-;*. :%\$;%\$(1)/"8(\$>%11(R*":-=: :%\$;1%"J(*. \$' %17#\$%*" . >*; (\$;- (B"
;1(\$*9#1+ (;-#F` \$:;%";J%"+#;#1-\$7"J%(1;#9";J%\$(-#R*": (, ;#B";J%*" . >. 1>"#9"D1(' ' #"\$
-\$"#\$E"(J. >"9#1"J-, *;%1*"%\$a#)-\$7"B-9%-\$";J%-\$%\$1&:-;)F"@J-*", (, %1"%f, B#1%"*;J%"1#B%"#9"
, B(:%&+(T-\$7"(*(" 1(:;:-%#9", %19#1+ (\$:%/"%1(*. 1%"(\$' "1%&, . 1, #*-\$7/"EJ%1%>);J%"
=(B. %**"(\$' "+%+#1%*(**#:-(;%' "E-;J", B(:%"(1%**B%:;=;%B)"1%+%>%1%"(\$' "9#17#;:%\$"
;J1#. 7J"J%1-;(7%F"01#+>. 1\$-\$7"1. >>%1";#1#(*;-7">(%\$*/";J%";1(\$*9#1+ (;-#"\$*9"
D1(' ' #"\$*"-* . **%' "*" , %:-9:(BB)";J1#. 7J";J%B%\$*"#9=-* . (B'(\$;J1#, #B#7)"(\$' ". 1%(:;=%"
, 1(:;:-%/"#:#\$*-' %1"J#E":. B;. 1%**#9";J%"M-\$N*-7\$-9-: (\$;" + ())>%"+ (7-\$' F"

M-)8,V"(C*5%/#"8"

@J-*";(BT"%f(+-\$%*";J%#^ . %*;-#"\$#9";J%#>a%: ;=-;)"#9"a. ' 7+%\$;*"#9"*-7\$-9-: (\$:%F"AS"
, (1;:-. B(1/"-9"("1%(B-*;:#\$:%, ;-#"\$#9";J%";1#, %1;)"#9Q*-7\$-9-: (\$:%R"-*"+, B(. *->B%/"' #%"*"
;J(:"+%(\$E%" +. *;"1%:#-B-\$;"("1%B(-;=-*";:#\$:%, ;-#"\$#9"-;K"6#E%=%1/"-9"*-7\$-9-: (\$:%"
+%(\$*Q*-7\$-9-: (\$:%9#1. *R";J%\$%=%1);J-\$7"J(\$7*"#EJ#";J-*E%" + -7J;">%f"

W5%"1)3,P. (C3*R"&"

A9"E"#\$E"E%BB";J(:;J%"" . (B-;)"#9"\$(:. 1%"(\$' ". B;. 1%"-*:#\$*;1. :;%'"(\$' "\$#;". \$=-%1*(B"H"
(\$' "E"#\$E";J(:;1%(:-\$7";J%+"*%, (1(:%B)"E-;J-\$"J%1-;(7%**)*;%+**#9%=(B. (:-#"\$(\$' "
' %:-*-\$"+(T-\$7"-*, 1#>B%+(;-:"H";J%\$EJ)"-;-*;"*#J(1' "#+(T%("J-9;K""

F). 5)X)#*,?8"14"&"

@J-*", 1%**\$;(:-#"\$E-BB"(17. %";J(:;J%";(, ;#B#7-: (B", J1(*%Q-\$;(\$7->B%=(B. %R"-*"+#1%";J(\$(""
B-\$7. -*;:-11-:(\$;/"(\$' ";J(:;-" #%"*%f, B-;-;"(\$' "+(;%1-(B", #B-;:(B"E#1T"-S""=(B. -\$7"\$#\$&
%f, %1;J%1-;(7%=(B. %**"(\$' "(**#:-(;-#*\$F""@J-*", J1(*%*-""(1(:%7-:"1%*", #*\$%"91#+#E-;J-\$"
;J%! 6\N"(\$' "1%(**%1,*%f, %1;"=(B. %**-\$B-7J;"#9":J(BB%\$7%**#99%1%" ">);J%-\$:1%(*-\$7"
, #B-;), 1%=(B%\$:%#9">#;J":#+++. \$-;)"-B. *-#"\$(\$' "-\$;(\$7->B%"J%1-;(7%F"

?1*2*,P5/Q#"8"

AS"! . *;1(B-\$"J%1-;(7%", 1(:;:-%**";(:%+%\$;*"#9"=(B. %**);, -:(BB)", 1%**\$;"(*%"+, -1-:(B/"%f, %1;"
(\$' ". \$%+#;-#\$(BFA"(+":1-;-(B"#9"(**%**+%\$;*"";J(:;%f:B. *-=%B)"1%, 1%**\$;"(\$' "=(B. %"
J%1-;(7%#>a%:;*"/, B(:%**"(\$' "B(\$' *:(, %**-\$;J-*E)FA"(17. %9#1";J%-\$:B. *-#"\$#9"(99%;;=%/"
%+ #;-#\$(B"(\$' ", %1*#\$(B"-+%\$*-#*\$*-"\$#1' %1";#%\$7(7%"-99%1%\$;(" ' -%\$:%*F""

V*#"%,PR5#*#"8"

h! "=%1)"B(17%", 1#, #1;-#"\$#9"1%B-7-# . *">%B-%=%1*"-;\$";J%#E#1B' ";#' ()"%\$7(7%#E-;J";%+, B%"/"
J1-\$%/":J. 1:J%*((\$' "*"(:1%"\$(:. 1(B"(\$' *:(, %9%(:. 1%"#"\$;J%". \$' %1*";(\$' -\$7";J(:;J%)
, #**%***. , %1\$(:. 1(B" + -1(:. B#. *9#1:%f"@J%)"(**%***;J%*-7\$-9-: (\$:%#9"* . :J%*-;%**"
, 1-\$-;,(BB)"=-(;J%-1"+-1(:. B#. *%99-:(;)F"8(\$** . :J%99-:(;)">%"(::#++#';(%' "E-;J-\$";J%"
*%:. B(1&1(:-#\$(B**)*;%+**#9*-7\$-9-: (\$:%(**%**+%\$;"+, B#)%'"-\$"J%1-;(7%", 1(:;:-%KH"

?*%"/#; ,0, P a

"

Y"8,?4*55)11"&"

""

I J(; "J(, , %\$*"EJ%\$")#. " + (T%" + -BB-#\$*"#9"\$%E*, (, %1"(1;-:B%*/" #:. + %\$;-\$7"23G")%(1*"#9"
! . *;1(B-(\$J-*;#1)/"91%#B)"(=(B(>B%"#\$B-\$%K"A;R*\$#"a. *;"(" + (;;%1"#9":#\$=%\$-%\$:%d"*:(B%"
(\$' "(:;%**":J(\$7%;J%"^.%*;-#\$*"E%":(\$(*T"/;J%"1%B(;-\$*J-, *E%":(\$9#1+"E-;J";J%"
, (*;F"6#E" #E%". \$' %1*;(\$' "-7\$-9-:(\$:%-\$";J%":#\$;%f;#9"(>. \$' (\$:%K"

"

I J31. 2(31. (J*)8")16(31. 1(#")218#")6(31. 2(;)9(-1. 218#")1(#"). \$' *)2(31. f(13)218#")6(31. 6(*)6(31. 2(")