

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"	
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"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-:(;)F8(\$** . :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": #=\$-%\$-%\$: %"cl"*: (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(")