

!"#\$%"&'()\*+(-./#(-\*(0\* /-1\*.(23114(56"7&6.

0(318-19(";<"\$\*-/(=>?1)3)@(!"\$%"&'()\*+(-./#(-\*(,%). "0#(1).23(  
4"35#%(!) \$A3-+&1(B\*-813#-. '(,31##(DEFG@ (FHGI@(-%%7#3).1+

J7&1\*1(0:"\*)#-\*"

#\$%&\$'\$(")\*+,-\$. \*+%/ ,0%+12%1-3')\$(1--\$'342-&5&1\$("\$)\*+,-\$. \*6"/27"8/9"0:" ; <0"  
=>\$? \$+@+'-A3" ; 5--+/B  
CDE /+,f"/(\$2/-+2GHE /+,I%\$E  
J ; K4#f"LLLLDLLLMDLNMODLPQR

!"#\$%&'()\*+,\$(-. /(&.\$&0\$1'+)&2/\$\*&/ - &'&3(\*+'\$)'&43")\$"/\$5##.\$#6)#. /(7#\*8#6%&'&9#,\$+/\$4\*"\$+ .,\$  
(.\$0)/\$9#'+)(&.\$:0)"\$;9##<\$\*4')49#-\$54\$)"#9#9#- +(. /\$+>4#/)(&.\$&0\$ - #)"&.\$&'&38\$@("(\*"\$\*&.)#6)\$:(''\$5#&  
- &9#&+%%9&9(+)##0&9\$1'+)&2/\$: &9</ASB"+' '\$: #0&\*4/\$&.)"\$(9\$ - #)+% "8/(+'\$0#)+49#/\$C - &/)\$\*&./%(\*4&4/(\$.\$  
D9(/)&'#\$+ .,\$1'+)&2/(- - #,(+)##\$(9/\$.)"#\$E', \$D\*+ ,# - 8F-\$&9\$+' )#9. +)(7#\*8-\$%+\*#)\$' - \$(.\$+,\$(+\*#\*)(\*+'\$  
\*&.)#6)\$C+/\$(\$)"#\$\*+ /#\$&0\$)"#\$B<#%)(\*+'\$D\*+ ,# - 8\$&0\$D9\*#/( '+4/\$+ .,\$G+9. #+ ,#FA\$E9\$ - +85#-\$: # \$" +7#&  
)&\$%'4.3#)\$' - \$(.\$)"#\$,\$#%)"#\$&0\$;9##<\$\*4')49+ '\$'(0#)+ .,\$\*& - % +9#\$:0)"\$#\*"' .&'&3(\*+'\$+ ,7+ . \*#/\$&0\$;9##<\$  
\*(7('H+)(&.\$A! "'(/\$'+))#9\$+%%9&+\*"'=\$'+7(.3\$ ,&.\$#%9&%#9'8-\$: &4' , \$5#+\$9#+'\$(. . &7+)(&.\$=\$\*+ +5'#\$&0-\$+/\$  
)\$+%%# +9/\$%9#/#.)(.3\$+\$09#/"'\$&&<\$+)\$)"#\$0+ - ('(+9\$ - +))#9/?\$! "(/(\$#6+\*)'8\$)"#\$+ /<\$&0\$+\$. #:.\$%9&I#\*)\$  
' +4. \*"'#,\$58\$J &- (. (\*\$E2K#+9+\$(.\$)"#\$5&&<\$4. ,#9\$9#7(#:?\$1'+)&2/\$\*&/ - &'&3(\*+'\$+ .,\$%&'\*)(\*+'\$(,#+/\$+9#&  
/4\*##//04''8\$,(/\*4//#,\$'#9#\$(.)"\$(9\$9#+)(&.\$:0)"\$+ .\*(#.)\$\*9+0)/=\$+9)/=\$+ .,\$7+9(&4/\$%#\*4'(+90)(#/\$&0\$&\*(+'\$  
'(0#&0\$)"#\$;9##<\$%&'(/?

L#8: &9,/1\$% "'(&/&%"(\*+'\$\*&/ - &'&38-\$\*9#)+( &./ - =\$ - 8)"-\$9#/(3(&4/\$0#)/(7+'/'-\$: #)/#9.\$'#3+\$)9+ ,0(&.

;1%1+?17f" S /'%\*"MT3"ML!TU"/%1.&17f"<.'+,MO3"ML!T

1 '('&/&% "8\$+ .,\$G&/ - &'&383"V\$,5E1"M!3"ML!Tf"!POD!PT  
# J4f"!LIMWMLMx. \*,D%\$-EXM!X!N

42" \*+.- 219"@\$\$A3" #E+2%" JY S1/'/3" \$21"\$(&\*1" E\$-&)/(E\$5-\$%\$2&1E.\$'/'6"),/&\$2+%"  
-%\*\$,\$/' - /27"&\*1"/5&\*\$"\$"/" .\*,+,-\$. \*+%/ ,E /-&1'. +1%1"1'+)&.&%&'(/'=MLLOB3"1Z/E+21-&\*1"  
\$'71'"\$(&\*1"9\$',7"+2+&- '1,/ &+\$2'&\$&\*1"\$'71'"\$("/"5E/2"%E E52+&6I"4&"%\$2-+&- "\$"-1?12"  
-\$\*&'&\*1E /&0%/, "6"1,/ &17"%\* /.&1'-3"-5@7+?+717"+2&\$&'9\$". /'\$&-3"%\$2%1'217"9+&\*"&\*1"!(- +#4/"  
DG GUHVVLQJ WKHJ XUIRIWKHZRUOG PDNHUQGWKHFQRQHS WYRIWKHVWUXFWXUHQDQG WKHEHDXW RI  
&\*1"9\$',7B3"\$2&\*1"\$21"\*/273"/27"&\*1"B)+)#/- +. "/27"&\*1"N+ ="717+%/&17"&\$"?/' +\$5-\$ /-. 1%&-\$("\$  
,1H/, "/27". \$, &+%/ , -%+12%1"+2"),/&\$Y- ,/&1'9\$'A-B3"\$2&\*1"\$&\*1'I

+RZHYHUWRIDOOZK\3ODWRQLFKHULWDJHUHTXLUHVLUQWHUSUHWDWLRQDQGZK\3ODWRWZULWLQJ JV  
SURYRNHDPXOWL S OLFWLWRLQWHUSUHWDWLRQVQHYHUHQHQLWHDQGQGHYHUHQDQW KDWLVLWLQWKHBODWRW  
ZULWLQJ VVWKDWFUHDWHVWKHQHHG WRLQWHUSUHWWKHPDQG WRLQWHUSUHWWKHPLQHYHUHQHZHGZD\ V".

[ "<(\$2/-+23"C5H1213"ML!T

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

!"#

=.I"MBI"<27"&\*1"/2-91'"#\$E+2+%JYS1/'/"H+?1-+&\*/&3". '17\$E+2/2&6"&\*1". \*+,\$-\$. \*6\$("\$),/&\$"  
+&\$. 12"&\$"&\*1"(5&5'1F"&\*1"7+/, \$H51-3"-+&5/&17"+2"&\*1". /-&3". '\$?A\$1"\$5\$"2DH\$+2H". \*+,\$-\$. \*+%/,"  
UHDVRLQJ WKH J XUH RI 6RUDWHV DOWKRX J K D S DUW RI WKH S DVW GULYHV XV WR WKLQN DERXW WKH  
SRVVLEOHDQG LP S RVVLEOHLGHDOVDQG WKH G RFWULQHVRI3ODWRKLPVHOIHOZD \ VLQD G HTXDWHWRWKH  
EHVWPHWKRG BZDLWLQWKHLU S URYLVLRQDO S DVWDPRUHD G HTXDWH IXWUHS  
7KH E V W S DUW RI WKH E RRN GHDOV ZLWK WKH (- + # 4 / ? 7 K H ~~W K D B E K L B H Q L O A G~~  
~~\$H D W H~~ \* ~~B G H V L R F H Q G~~ ~~Z W K H~~ ~~J U D W H Q L D Q~~ ~~I H M D O~~ ~~G H G L F D N G~~ ~~R H~~  
%&' / 2". /& \$21--3"&\*1"HS771--"<&\*12/"=("\$"E\$'1"71&/+,-3"-11">1+,-!WNNBI"\\*1"7' / E /&+%-1&\*12H"  
\$("\$&\*1" !(- + # 4 / L W L ~~V H M D O~~ ~~K L F K~~ ~~U N H~~ ~~B D F H~~ ~~H D F K~~ ~~R P H~~ ~~R L~~ J Q J A W Q F O & L Q J  
\ + E / 15 - / 27" ] 1' E \$ H 121 - 3" / E 1' ( " \$ E 4 & / , 6" % \$ - 11" &\*1" ) / 2 / &\*12 / 1" / 27" &\$ E 11 &\*1 + " < &\*12 / 2"  
( + 127 - 3" 0 \$ % ' / &1 - " / 27" K' + & / - I" \ \* 1' E 11 & + 2 H 3" / % % \$ ' 7 + 2 H" &\$ J Y S 1 / ' 3" &\$ \$ A . , / % 1" + 2" < &\*12 - " & + , "  
/ &\*1" \* 1" + H" &\$ ( " \* 1" . \$ , & + % / , . \$ 9 1' 3" @ 1 ( \$ ' 1" \$ " + 2" &\*1" 1' / , + 1" - & / H 1 - \$ ( " &\*1" 7 + - / - &\*5 - 9" / " 9 + &\*1"  
0 . / ' & / 3" &\*1" & / + - " &\$ - / 6" + 2" , / &1" R O L - I" \ \* 1" - 1 & + 2 H 3" &1' E + 2 \$ , \$ H 6" / 27" - &\*5 % & 3' 1" \$ ( " &\*1" ! ( - + # 4 / "  
V W U R Q J O \ V X J J H V W V W K D W W K H P H H W L Q J L V V W D J H G E \ 3 O D W R D V D E D Q T X H W D I H D V W R I V S H H F K H V L Q  
\* \$ 2 \$ " \$ ( " &\*1" H S 771 -- "< &\*12 / 3" 9 + &\*1" 0 \$ % ' / &1 - / . . \$ + 2 &17" / - " &- / 8 - % & / ( + 9 \* " T 0 \$ % ' / &1 - - . \$ A 1" &\*1"  
G D \ E H I R U H K D Y L Q J G L V F R X U V H G R Q W K H T X H V W L R Q R I W K H E H V W S R O L W L F D O R U G H U 1 R Z L W L V W L P H I R U  
7 L P D H V D Q G W K H Q L W L D V D Q G + H U P R J H Q H V W R R H W K H L V S H H F K H V L Q W K L V R U G H 7 K H V H T X H Q F H  
L V Q R W D F F L G H Q W D O D Q G D S S U R Y H G E \ W K H E D Q T X H W P D V W H U 6 R F U D W H V D F F R U G L Q J W R W K H V S H H F K H V ¶  
/ . . '\$ . ' + / &121 - I" < ( &1" \* + - " \$ . 12 + 2 H" & / , A" / @ \$ 5 &\*1" @ 1 - & / &1" &\*1" - 1 % \$ 27" - . 1 / A 1' 3" \ + E / 15 - 3" + -  
- 5 . . \$ - 17" &\$ &1 , , " / - &\$ ' 6" \$ ( " &\*1" E / A + 2 H" \$ ( " &\*1" % \$ - E \$ - / 27" \* 5 E / 2" @ 1 + 2 H - I" \ \* 1 - 17 + % \$ 5' - 1" 9 + , "  
E H I R O O R Z H G E \ & U L W L D V R P S O H W H V W R U \ R I D Q F L H Q W \$ W K H Q V D Q G L W V Y L F W R U \ R Y H U \$ W O D Q W L V E U L H \  
- 5 E E / + ^ 17 + 2" / 7 ? / 2 % 1 = M N % N B 3" / 27" ] 1' E \$ H 121 - I" ? 1' - + \$ 2 \$ ( " &\*1" - / E 1 - &\*6" / @ \$ 5 &\*1" < & / 2 & + - 9 + &\*1"  
- . 1 % + / , 1 E . \* / - + " \$ 2" &\*1" E + , & / ' 6" ? + % &\$ ' 6" \ \* 1" - 5' ? + ? 2 H" 9' + & + 2 H - \$ ( " ) , / &\$ % \$ 2 & / 2" / - 5 E E / ' 6" \$ ( "  
0 \$ % ' / &1 - I" & / , A 3" &\*1" H' 1" &\*1" 7 + - % \$ 5' - 1" \$ ( " \ + E / 15 - " / 27" / 2 + 2 % \$ E . , &1 &1 - . 11 % \* " \$ ( " K' + & / - = . ' 1 - 1' ? 17"  
/ - " / 2 + 271 . 12712& 7 + / , \$ H 51 B I" \ \* 1 - 1" \$ @ - 1' ? / & + \$ 2 - " / ' 1" + E . \$ & / 2 & 3" / % % \$ ' 7 + 2 H" &\$ J Y S 1 / ' 3" ( "\$"  
X Q G H U V W D Q G L Q J R I W K H V W U X F W X U H R B O D W R V Z R U N ) R U R Q H W K L Q J L W F O H D U O \ V K R Z V W K D W W K H O # % 45' ( \*  
F D Q Q R W E H W K H E V W S D U W R I W K L V V H T X H Q F H D O W K R X J K V R P H F R P P H Q W D W R U V W K L Q N V R E H F D X V H W K H  
7' / E / & + % ( ' / E 19 \$ ' A \$ ( " &\*1" O # % 45' ( \* + - " &\*1" ( 1 - & \$ ( " : 127 + - 3" 9 \* + % \* " &\$ \$ A . , / % 1" + 2" &\*1" ) + ' / 15 - "  
% / " R ! M ! " = H 1 I" , / &1" &\*12" &\*1" 7' / E / & + % 7 / &1" \$ ( " &\*1" ! ( - + # 4 / B I" : 5 &\*9" / 27" + 2" 9 \* / & E / 221" \$ 5"  
S K L O R V R S K H U V D I H V X S S R V H G W R S U D L V H W K H J R G G H V V" , Q W K H W K L U G V S H H F K R I W K H V H T X H Q F H & U L W L D V  
. ' / + - 1 - " < &\*12" / - " &\*1" ( \$ 5271" \$ ( " / 2 % + 12 &\*12 - 3" 9 \* \$ H / ? 1" &\$ &\*1" + & 6" + &- @ 1 - & , \$ % / & + \$ 23" &- "  
+ 2 - & + & 5 & \$ 2" / 27" - % + 12 % 1 - 3" 1 & % I" = ! ( - + # 4 / " M O 7 P 3" M R % R B 3" / , &\*5 H \* " &\*1" 1 ? 12 &- " 1 % \$ , 1 & 17" / ' 1 . , / % 17"  
\$ 5 & + 71" &\*1" 1' , " \* + - &\$ ' 6" \ \* 1" ( \$ 5' &\* - . 11 % \* " @ 6" ] 1' E \$ % ' / &1 - " % \$ 2 & + 251 - " &\*1" - &\$ ' 6" \$ ( " K' + & / - " / 27"  
1 - . 1 % + / , 6" ( \$ 5 - 1 - " \$ 2" &\*1" E + , & / ' 6" ? + % &\$ ' 6" \$ ( " / 2 % + 12 &\*12 - " \$ ? 1" < & / 2 & + - 3" / 2 \$ &\*1" , 1 H 127 / ' 6"  
V W D W H I R X Q G H G E \ \$ W K H Q D V U L Y D O G H L W \ 3 R V H L G R Q R P L Q L F 2 Q H D U D V X J J H V W V W K D W L I W K H J X U H  
\$ ( " ] 1' E \$ % ' / &1 - 1 ? \$ A 1 - " / " 1' / , . 1' - \$ 2" \_ " &\*1" 06" / % 5 - + / 2" , 1 / 71" 9 \* \$ % \$ 2 &\* + @ 5 &17" &\$ &\*1" ? + % &\$ ' 6"  
\$ ? 1" < &\*12 + 2 - " 2" 0 + % , 6" + 2" R ! P' R ! O" \_ " &\*12" \* + - " E + , & / ' 6" - A + , - " E / A 1 - " \* + E" &\*1" E \$ - & / . . '\$ . ' + / &1"  
S H U V R Q R W R H O O K H V W R U \ D E R X W W K H O H J H Q G D U \ Z D U W L V F O H D U Q R Z Z K \ 6 R F U D W H V L Q K L V E V W V S H H F K  
V D \ V W K D W K H F D Q Q R W S U D L V H W K H F L W \ V X L H Q W O \ G K D Y L Q J G H V F U L E H G L Q K L V L Q W U R G X F W R U \ W D O N  
D P R G H O F L W \ I U R P W K H S K L O R V R S K L F D O S R L Q W R I Y L H Z K H L V Q R Z D V V L J Q L Q J P R U H V S H F L E W D V N V W R  
&\*1 - . 1 / A 1' - &\* & / ' 1' E \$ ' 1 % \$ E . 1 &12 & + 2" &\*1 - 1" E / & &1' - I" ] \$ 9 1 ? 1 3" 9 \* & / @ \$ 5 &\*1" - 1 % \$ 27" - . 11 % \* 3"  
W K H R Q O \ R Q H W R V X U Y L H D V D Z K R O H W K H R Q H W R O G E \ 7 L P D H X V" + R Z W K L V H [ W H Q V L Y H G L V F R X U V H  
L Q W H Q G V W R S U D L V H W K H J R G G H V V" , Q W K H Q H [ W W K U H H F K D S W H U V 2 Q H D U D Q V Z H U V W K L V T X H V W L R Q D Q G  
E Q R U G H U W R H [ S O R U H P R U H I X O O \ W K H L P S O L F D W L R Q V R I 7 L P D H X V R P R O R J L F D O D F F R X Q W I R U W K H  
F R Q F H S W R I D Q H [ F H O O H Q W V W D W H L Q & K D S W H U V W R P D N H V X V H R I R W K H U W H [ W V Z U L W W H Q E \ 3 O D W R  
. '\$ @ / @ , 6" / ( &1" &\*1" ! ( - + # 4 / 3" &\*1" B ) + # / - + . " / 27" &\*1" N + : / ~~R H H I Q W D W H P L J K L U~~  
~~R H W K L Q J O L N H D E W S~~

05'1,6"&\*1'71E+5'H13'9\*\$\*"+1Z.,+%&6,"2/E17'&\*1"/(&\*1"!(-+&4/"%MOB"/27"1&\*1"-/?+\$"  
G P X V W E H = H X V E X W Q R W T X L W H V R E H F D X V H = H X V V X U S U L V L Q J O \ L V Q D P H G D P R Q J W K H  
&' / 7 + & \$ 2 , " H \$ 7 - " 9 \* \$ ' / ' 1 \$ @ ? + \$ 5 - , 6 + 2 ( 1 ' + \$ ' % \$ \* 1 ' 7 1 E + 5 ' H 1 = R ! / ! B I < . . / ' 1 2 & , 6 " &\*1'71E+5'H13"  
D F F R U G L Q J W R + H U D F O L W X V M P R X V V D \ L Q J I U . \$ R H V Q R W Z L V K D Q G Z L V K H V W R E H F D O O H G E \  
W K H Q D P H R I = H X V S 2 Q W K H R Q H K D Q G W K H V S H D N H U R I W K H G L D O R J X H F R Q V W D Q W O \ D V V R F L D W H V  
< &\*12/" 9 + &\*1" \* 1 " E + H \* & 6 " ( / &\*1'3" 9 \* \$ " 1 Z 1 ' & - " / @ - \$ , 5 & 1 " - 5 . ' 1 E / % 6 " 7 1 , @ 1 ' / & 1 - " / 2 7 " 7 1 % + 7 1 - 3 "  
D V V L J Q V V S H F L E W D V N V W R G L H U H Q W J R G V D Q G F R I O G D O V R D V W K H G H P L X U J H R I W K H # 4 / B " ' 1 & + ' 1 "  
W R K L V S U R S H U S O D F H + H H P H U J H V Y L F W R U L R X V R Y H U D O O V R U R I Z R U O G V G L V R U G H U V S H U V R Q L E G L Q  
W K H 7 L W D Q V D Q G W K H \* L D Q W V U X O H V M X V W O \ D Q G Z L V H O \ H W F S S 2 Q W K H R W K H U K D Q G W K H  
7 1 E + 5 ' H 1 " \$ ( " &\*1" ! ( - + # 4 / " + - " / ' 1 ( \$ ' E 1 7 ' 7 + ? + 2 & 6 " E \$ ' , , 6 " / 2 7 " E 1 & / . \* 6 - + % , , 6 " . 1 ' ( 1 % & 3 " &\*1"  
F D X V H R I J R R G Q R W H Y L O 7 K L V G H Q L W H O \ G L V W D Q F H V K L P I U R P W K H W U D G L W L R Q D O G H L W L H V R I + R P H U  
J 1 - + \$ 7 " / 2 7 " &\*1" & ' / H 1 7 + 1 - I "  
    \ \* 1 ' 7 1 E + 5 ' H 1 " a E / A 1 - Y " &\*1" 9 \$ , 7 " 2 \$ & " a % 1 / & 1 - Y ' + & I " ] 1 " H + ? 1 - \$ ' 7 1 ' 3 " H \$ \$ 7 2 1 - - " / 2 7 " @ 1 / 5 & 6 " & \$ "  
/ . ' 1 D 1 Z + & 1 2 % \* / \$ & + % " E + , + 1 5 = . I " O R B I " b 5 + & 1 " 2 ' &\*1" % 2 \$ ' / ' 6 " &\*1" & ' / 7 + & \$ 2 / , % \$ - E \$ H \$ 2 6 " \$ ( " &\*1"  
. 1 \$ & - " + 1 Z . , + % & 6 " / " 7 + ? + 2 1 " H 1 2 1 / , \$ H 6 " / - " \$ - & " \$ ( " 2 / & 5 ' / , 7 1 ? 1 , \$ . E 1 2 & " \$ ( " &\*1" \$ ' 7 1 ' 1 7 " % \$ - E - "  
R X W R I W K H S U L P R U G L D O F K D R V W R W K H H H F W K D W W K H P R V W S U L P L W L Y H G H L W L H V V X F K D V ( U W \*  
2 X U D Q R V H W F @ D O O \ P D Q L I H V W W K H P V H O Y H V L Q = H X V D Q G R W K H U \ R I Q J H U G H L W L H V \$ S S D U H Q W \ L Q  
&\*1" & ' / 7 + & \$ 2 / , % \$ - E \$ H \$ 2 6 " c 1 5 - " 7 \$ 1 - " 2 \$ & " a E / A 1 Y " &\*1" 9 \$ , 7 1 "  
    7 K H Z R U G G P L R X U J R V K D V D Y D U L H W \ R I P H D Q L Q J V I U R P D F U D I W V P D Q D Q G D Q D U W L V D Q W R  
/ . . 5 @ , + % - 1 ' ? / 2 & , + A 1 " / - & / & 1 - E / 2 3 , / 9 H + ? 1 " / 2 7 " &\*1" ( \$ 5 2 7 1 " \$ ( " &\*1" % & + 1 - I " = . I " O P B " < , " &\*1 - 1 "  
( 5 2 % & + \$ 2 - " / ' 1 " ? + - @ , 1 " + 2 " &\*1" 7 1 E + 5 ' H 1 " \$ ( " &\*1" ! ( - + # 4 / " / - " / 2 " / ? & + - / 2 3 " \* 1 " E / A 1 - " &\*1" 9 \$ , 7 "  
D F F R U G L Q J W R D F H U W L Q P R G H O D Q G D V D J R R G U X O H U K H \$ H O L E H U D W H V D E R X W Z K D W R G R V H H N V  
&\*1" @ 1 - & " \$ . & + \$ 2 3 " H + ? 1 - . . 1 1 % \* 1 - " & \$ " + - - 5 @ \$ ' 7 + 2 / & 1 - 3 " 7 1 , 1 H / & 1 - " & / - A - 3 , 1 H + , / & 1 - 3 d " / - " + ( " &\*1"  
Y D U L H W \ R I S U R I H V V L R Q V D Q G W U D G H V Z K L F K K D G @ O H G \$ W K H Q V G X U L Q J W K H J U H D W S H U L R G R I W K H  
U H F R Q V W U X F W L R Q R I W H P S O H V K D G O H I W W K H L U P D U N R Q 7 L P D H X V V S H H F K - H W F S 7 K L V  
1 Z . , / + 2 - " 9 \* 6 " 2 " + - " / % % \$ 5 2 & " \$ ( " &\*1" % 1 / & + \$ 2 " \$ ( " &\*1" 9 \$ , 7 3 ) , / & \$ + 2 " &\*1" ! ( - + # 4 / " 7 \$ 1 - " 2 \$ & " ( \$ , \$ 9 "  
/ - & " % & % \* \$ 2 \$ , \$ H - % / , \$ ' 7 1 ' ) ' 1 - 1 2 & + 2 H " + 2 - & 1 / 7 " + - " ? 1 ' - + \$ 2 " \$ ( " % \$ - E \$ D H 1 2 1 - + - " + 2 / 2 " / Z + \$ , \$ H - % / , "  
R U G H U K H V W D U W V Z L W K W K H K L J K H V W F D X V H V W K H G H P L X U J H D Q G K L V P R G H O D Q G @ L V K H V Z L W K D O O W K H  
a 2 1 % 1 - - + & 1 - 1 " 9 \* + % \* % \$ 2 - & & 5 & 1 " &\*1" @ \$ 7 6 " \$ ( " &\*1" % \$ - E - I " ] + - " + 2 & 1 2 & + \$ 2 3 " / % % \$ ' 7 + 2 H " & \$ " J Y S 1 ' / Y - "  
\$ @ - 1 ' ? / & + \$ 2 3 " + - - + H 2 / , 1 7 " @ " &\*1" ( / & 6 " & \* / & + 2 " &\*1" ! ( - + # 4 / " O R @ ! " \* 1 " 1 - . 1 % + , , 6 " 2 \$ & 1 - " & \* / &\*1"  
V K R I O G K D Y H W R O G D E R X W W K H P D N L Q J R I W K H V R X O E V W S U L R U W R D G H V F U L S W L R Q R I W K H I R U P D W L R Q R I  
W K H E R G \ \$ K H P L [ H G E L U W K I W K H Z R U O G R V S U L Q J R I D Q R E O H I D W K H U > G H P L X U J H @ D Q G D Q H H G \  
P R W K H U > Q H F H V V L W \ @ S U H J X U H V W K H E L U W K R I W K H D Q F L H Q W \$ W K H Q V I U R P G L Y L Q H S D U H Q W V + H S K D L V W R V  
/ 2 7 " < &\*12/3" % + , 7 ' 1 2 " \$ ( " c 1 5 - 3 " / 2 7 " ( ' E " &\*1" 1 / ? &\*1" \$ ( " < & + % / 3 " / - " ' 1 % \$ 5 2 & 1 7 " @ 6 " K ' & + / - " 2 " \* + - "  
V S H H F K Z K R K D G R P L W W H G W R E H V X U H W K H P R V W V D O L H Q W I H D W X U H V R I W K H P \ W K D E R X W D W W H P S W H G  
V H [ X D O U H O D W L R Q R I + H S K D L V W R V Z L W K K L V V L V W H U S U R E D E O \ U H L Q W H U S U H W L Q J W K L V D L U D Q G J L Y L Q J L W  
/ " 2 1 9 " 2 \$ @ , 1 " - 1 2 - 1 F " &\*1" < &\*12 + 2 / " / ' 1 " 2 \$ 9 " @ \$ 2 " \$ ( " &\*1" 7 + ? + 2 1 . / ' 1 2 & - 3 " &\*1" - \$ 5 % 1 - " \$ ( " / , - " \$ - & "  
\$ ( " 9 + 7 \$ E " / 2 7 " \$ ' 7 1 ' 3 " 9 + &\*5 & - 1 2 5 / , " 1 2 H 1 2 7 1 ' + 2 H 3 " + 2 + E & / & + \$ 2 " \$ ( " &\*1" H \$ 7 7 1 - - " < &\*12 / Y - " @ + " &\*1"  
( ' E " &\*1" \* 1 / 7 " \$ ( " c 1 5 - = . I " O W B I "  
    < " H \$ \$ 7 " / 2 7 " @ 1 / 5 & + ( 5 , E \$ 7 1 , \$ ( " &\*1" 9 \$ , 7 " + - " 7 + - % 5 - - 1 7 " + 2 " K \* / , & 1 " - " 0 " / 2 7 " R I " 4 2 - . + ' 1 7 " @ 6 "  
&\*1" . / ' 7 + H E 3 " &\*1" . \* , \$ - \$ . \* 1 " D A + 2 H " @ 5 , 7 - " &\*1" . 1 ' ( 1 % & - & / & 1 " / - " / . / + 2 & 1 3 " 9 \* \$ " % 1 / & 1 - " \* + - "  
P D V W H U S L H F H E Q W K H L P D J H D Q G O L N H Q H V V R I W K H G L Y L Q H P R G H O # 4 5 ( \* H E M W  
E H D M O D Q G P R H D M K H G R W L D D Q D L K L W W D F L D D Q Q H K W  
F U D M O P R H O B S D Q R K L E K O G L Q J B F D Q G W H Q M W W F M O I D O L D W R  
= . I " R T " ( B " 4 2 " &\*1" - / E 1 " E / H 1 2 1 3 " &\*1" 7 1 E + 5 ' H 1 " \$ ( " &\*1" ! ( - + # 4 / L G H S F N G W Q J D J B O R  
K L W K H Q P R Q J W H D D G L J P W H G L Q G H F K L H Y W L V B O D Q G @ D O O \  
E K O G L Q J W H D O B G E D N G R D E H K G P R H O 7 K H J B O L R M D N H W H P W

. 1'(1%&"/27"%\$E.,1&1"=WHOHWDWRW9\$',7I)"'1%+-1,6"(\$'"&\*+="-'1/-2%"&\*1"E\$71,"\$("&\*+="-9\$',7)+-"  
H [ FH S WLRQDOO \ G L K W O W R G H V F U L E H + # 4 / " P L % B I " \* 1 " 9 \$ ' , 7 " E 5 - & " @ 1 " / 2 " 1 2 - \$ 5 , 1 7 " / 2 + E / , 3 " / , D  
+ 2 % , 5 + ? 1 " + 2 " / " - 1 2 - 1 " \$ ( + 2 % , 5 + \$ 2 " \$ ( / , , % \* 1 " E / + 2 " / 2 + E / , " H 1 2 1 " / 3 " ( ' \$ E % \* 1 \* 1 / ? 1 2 , 6 " / % 1 " \$ ( " H \$ 7 -  
& \$ / , , " A + 2 7 " \$ ( " & 1 ' ' 1 - & ? + / , , ? + 2 H % ' 1 / & 5 ' 1 - " = O W 1 Q ' R L / M B I " \ \* 1 " @ \$ 7 6 " \$ ( " & \* 1 " 9 \$ ' , 7 + - " E / 7 1 " \$ ( " ( \$ 5 " "  
H O H P H Q W V L Q G L V V R O X E O \ E R X Q G E \ W K H G H P L X U J H E \ P H D Q V R D J H R P H W L F D O S U R S R U W L R Q V R L V J H  
& \$ / + " / - " / + " + - " & \$ 9 / & 1 ' 3 " / 2 7 " / + " + - " & \$ 9 / & 1 ' " / - " 9 / & 1 ' + - " & \$ 1 / ' & \* B I " \* 1 1 , 1 E 1 2 & - " & \* 1 E - 1 , ? 1 - " / ' 1 "  
L Q G H W H U P L Q D W H S U H H O H P H Q W V W U L D Q J O H V E \$ W U X F W X U H G L Q W R G H W H U P L Q D W H E R G L H V E \ P H D Q V  
R I D Y D U L H W \ R I J H R P H W L F D O V K D S H V D Q G E R X Q G W R H D F K R W K H U E \ J H R P H W L F D O S U R S R U W L R Q V S  
7 K H V H K D Y H W K H L U R U L J L Q H O V H Z K H U H W K H \ P X V W K D Y H F R P H I U R P D E R Y H I U R P W K H ) R U P V  
Z K L F K F R Q V W L W X W H W K H P R G H O R I W K H Z R U O G 7 K H Z R U O G L V D X Q L T X H D Q L P D O V H O I V X L H Q W M X V W  
D Q G S H U S H W X D O , W Z D V E V W J L Y H Q J H Q H U D O V S H F L P W L R Q V W K H Q G U D Z Q X S L Q P R U H G H W D L O V D V D  
H 1 \$ E 1 & % / , " E \$ 7 1 , " & \* 1 " & - A " \$ ( " @ 5 + , 7 + 2 H " 9 / - " 1 2 & ' 5 - & 1 7 " @ 6 " & \* 1 " / % \* + & 1 % & \$ " & \* + - " % / ( & - E 1 2 " = & \* 1 "  
\ R X Q J J R G V U H V S R Q V L E O H I R U D O O P L Q X W H G H W D L O V R I W K H F R Q V W U X F W L R Q \$ U H W K H ) R U P V W K R X J K W  
X S E \ W K H G H P L X U J H " \$ U H W K H \ L Q G H S H Q G H Q W R I K L P R U V X E R U G L Q D W H W R K L P " 7 K H V H T X H V W L R Q V  
& ' / 7 & + \$ 2 / , 6 " . 5 ^ , 1 " & \* 1 " + 2 & 1 ' . ' 1 & 1 " - " \$ ( " ) , / & \$ 3 " @ & \* " / 2 % + 1 2 & " / 2 7 " E \$ 7 1 ' 2 1 " # \$ E + 2 % " J Y S 1 ' / "  
V X J J H V W V W K D W \$ I W K H G H P L X U J H L V D S D U W R I 3 O D W R Q L F P \ W K D V W R U \ W R O G E \ 7 L P D H I V L Q K R Q R U  
\$ ( " / " 1 ( \$ ' E 1 7 " c 1 5 - 3 " / - " & \$ ' 6 " 7 1 - H 2 1 7 " & \$ " H + ? 1 " 1 Z . ' 1 - - + \$ 2 " & \$ E 1 & / . \* 6 - % / , / 2 7 1 & + % / , X . \$ , & + % / , "  
. ' 2 + % + , 1 - " 9 \* + % \* " ) , / & \$ 9 + - \* 1 - " & \$ 7 1 ( 1 2 7 3 " & \* 1 2 " & \* 1 ' 1 + - . 1 ' \* / . - , 1 - - " 2 1 1 7 " & \$ " H \$ - \$ ( " / " / - " & \$ "  
7 ' / 9 " & \* 1 " % \$ 2 , 5 - \$ 2 " & / & \* 1 " 7 1 E + 5 ' H 1 3 " , + A 1 " & \* 1 " / % \* + & 1 % & " / 2 7 , 1 H + , / & \$ 3 " " E 5 - & \* " / ? 1 " & \* 5 H " & "  
X S K L V P R G H O 3 H U K D S V L W P D \ V X H K H U H W R V D \ W K D W B Z R U O G D F L W \ R U D V R X I O L I L W L V W R  
( 5 2 % & + \$ 2 " 9 1 , , 3 " E 5 - & 7 \$ - \$ / % % \$ ' 7 + 2 H " & \$ - / E 1 " H 1 2 1 " / , ( 5 2 % & + \$ 2 / , . ' 2 + % + , 1 - " & \* 1 " E \$ 7 1 , B 3 " 9 \* + % \* "  
Z L O O D O Z D \ V E H Y D O L G S

7 K H U H D U H W Z R L P S R U W D Q W G L K W O L H V Z L W K W K L V D F F R X Q W 7 K H E V W R Q H F R Q H Q V W K H S U R E O H P  
\$ ( " . ' 1 D % \$ - E + " % + E & / & \$ 2 - " \$ ( " & \* 1 " E \$ 7 1 , = . I " P T " N ! B I " \ \* 1 - 1 % \$ 2 7 " % \$ 2 % 1 ' 2 - & \* 1 " a . , / % 1 " + 2 " 9 \* + % \* "  
& \* 1 " 9 \$ ' , 7 + - " E / 7 1 " = . I " N ! " N O B " 4 2 7 1 1 7 3 " & " / . . 1 / - " & \* / & 3 " / % % \$ ' 7 + 2 H " & \$ ) , / & \$ 3 " / 7 + - \$ ' 7 1 ' 1 7 " % \* / \$ & + % "  
E + , + 1 5 " & \* 1 " 7 1 E + 5 ' H 1 5 - 1 " ( \$ " % ' 1 / & 2 H " & \* 1 " \$ ' 7 1 ' 1 7 " 5 2 + ? 1 ' - 1 3 " \* / - / , 1 / 7 6 " % \$ 2 & / + 2 1 7 " + E & / & \$ 2 " \$ ( "  
& \* 1 " E \$ 7 1 , I " C - . 1 % + / , 6 " & \* + - " % \$ 2 % 1 ' 2 - " & \* 1 " & ' / % 1 - = L F K Q R U J H Z D W H U H D U W K D Q G D L U P H Q W L R Q H G  
+ 2 " & \* 1 " ! ( - + # 4 / D 7 K L E F H K K D F F L Q J M H D D X J H W R Q D U  
& ' / % 1 - " \$ ( " & \* 1 1 , 1 E 1 2 & - " & \* 1 E - 1 , ? 1 - 3 " 2 \$ " \$ ( " E \$ 7 1 , - " \$ ( " & \* 1 1 , 1 E 1 2 & - " = / - " \$ E 1 " + 2 & 1 ' . ' 1 & 1 " - " % , / + E B I "  
4 2 " / - 1 2 - 1 3 " & \* 1 6 " / 1 " / 9 " E / & 1 + / , 5 - 1 7 " @ 6 " & \* 1 " / ' & + - / 2 - " & \$ " % 1 / & 1 " & \* 1 " @ 5 + , 7 + 2 H " @ , % A - " & \$ " @ 1 5 - 1 7 "  
( \$ " ( 5 & 5 ' 1 " % \$ 2 - & 5 % & + \$ 2 1 " > \$ 9 3 " + 2 " \$ ' 7 1 " & \$ " @ 5 + , 7 - " \$ E 1 & \* + 2 H " 9 \$ ' & \* 6 " & \* 1 " / & + - / 2 " 2 1 1 7 - " 2 \$ " \$ 2 , 6 "  
W K H P D W H U L D O V E X W D O V R D S U R S H U S O D F H D Q G L Q V W U X P H Q W V D Z H O O T X L S S H G Z R U N V K R S V R W R V D \  
\ \* 1 ) , / & \$ 2 + % 2 \$ & + 2 - " \$ ( " / . , / % 1 " = F K U D B 3 " / ( \$ 5 2 7 / & + \$ 2 = " # , 9 + B 3 " / 2 7 1 - . 1 % + / , 6 " \$ ( " / " a 1 % 1 . & / % , 1 Y "  
= K \ S R G R F B Q G D Q X U V H W L W K Q K D Y H U H F L Y H G Y D U L R X V L Q W H U S U H W D W L R Q V 2 Q H D U D Q R W H V  
\* \$ 9 1 ? 1 " & \* / & \* 1 " + E / H 1 " \$ ( " ' 1 % 1 . & + ? 1 " E / & + Z " = # - - + 3 # ( & . 3 " ! ( - + # 4 " P L % B " - 1 1 E - " & \$ ' 1 ( 1 " & \$ "  
& 1 % \* 2 % / , ' / & \* 1 " & \* 2 " @ + \$ , \$ H + % / , . ' \$ 7 5 % & + \$ 2 1 " 0 \$ 3 " / - . ' 1 ? + \$ 5 - , 6 3 " & + - " @ 1 & 1 " 2 \$ & & \$ . ' 1 - ) , / & \$ "  
& \$ \$ " \* / 7 " \$ 2 " & \* + - . \$ + 2 & 1 " 4 2 - & 1 / 7 " \$ ( " , \$ \$ A + 2 H " 1 ? 1 ' 6 9 \* 1 ' 1 " ( \$ " 7 1 1 . " E 1 & / . \* 6 - % / , " E 1 / 2 + 2 H - " \$ "  
@ + \$ , \$ H + % / , / - - \$ % / & + \$ 2 - 3 " 9 1 " E / 6 " - + E . , 6 " \$ @ - 1 ? 1 " & \* / & 3 " / ( & 1 " / , , 3 " - . 1 / A + 2 H " / @ \$ 5 & " a @ 5 + , 7 + 2 H "  
@ ' + % A - Y 3 " a % / & - Y " ( \$ " E \$ , 7 + 2 H 3 " 1 & 1 % " \* 1 + - " % \$ 2 - + - 1 2 & , 6 " 7 1 ? 1 , \$ . + 2 H " \* + - " E / H 1 " \$ ( " / 7 + ? 2 1 " / % \* + & 1 % & 1 "  
\* R R G L V D F F R U G L Q J W R 3 O D W R ! ( - + # 4 " N R 1 3 " T Q % B 3 " a 1 - + 7 1 - Y " + 2 " @ 1 / 5 & 6 " 9 \* + % \* " + 2 " & - " & 5 ' 2 "  
E / 2 + ( 1 & - " & - 1 , " + 2 " E 1 / - 5 ' 1 " / 2 7 - 6 E E 1 & 6 " = . I " N Q " N T B I " : 1 / 5 & 6 " 7 \$ 1 - 2 \$ & " & - 1 , ( " % 1 / & 1 " & \* 1 " H \$ \$ 7 1 "  
; / & \* 1 ' 3 " & % \* / ' / & 1 ' 3 " + 1 - " & \* 1 " 9 \$ ' , 7 " 9 \* 1 2 " & \* 1 " 9 \$ ' , 7 " / % \* + 1 ? 1 - " & - " H \$ / , 3 " 9 \* + % \* " + - " & \* 1 " H \$ \$ 7 " = . I "  
Q N B I " \ \* 1 " H \$ / , + - " / % \* + 1 ? 1 7 " / 2 7 " & \* 1 " H \$ \$ 7 " 1 / , + 1 7 " & \* " \$ 5 H " & \* 1 " - & 5 % & 5 + 2 H " \$ ( " & \* 1 " 5 2 + ? 1 ' - 1 " / 2 7 "  
& \* 1 " 9 \$ ' , 7 D - \$ 5 , / % % \$ ' 7 + 2 H " & \$ " E / & \* 1 E / & + % / , . ' \$ . \$ & + \$ 2 - 3 " 9 \* + % \* " / 1 " @ 1 / 5 & + ( 5 , " & \* 1 E - 1 , ? 1 - I " \ \* 1 "  
P R G H O U H D O L J H V W K H Z R U O G E X W W K H E H D X W \ R I W K H P R G H O F R Q F O X G H V 2 Q H D U D L V G L H U H Q W T U R P  
W K H E H D X W \ R I W K H Z R U O G W K H Z R U O G L V X Q L T X H L Q L W V U H D O L W \ D Q G W K H P R G H O L V Q R W M X V W D Q R W K H U  
9 \$ ' , 7 = . I " Q T B I "

!"#\$%&'()\*+(-./#:-\*(0\*/-1\*(.23114(56"7&6.0(319-1:(';<("=\$-\*/(>?@1)3)0(  
!"#\$%&'()\*+(-./#:-\*(,%)'#(A).13(B"34#0(!"#%&'(#)\*+(-,.-.(

K\*/.1'-'P'N'71/,9+&\*1\*1'\$.&+&%/,\*+,\$-\$.\*6\$(\$),/&SY-/,/1'7+/,H\$51-I' \*1' E11&2H'  
71-%+@17'+2&\*1'B)+#/-+.~~NSDFHWHIKHWDORBDWVHURKHGDPDW~~  
7/1'\$(&\*1'7+/,H\$51'+-OWW":KCI'<-+2&\*1'!(-+4/3&\*1"%\$2?1'-/&\$2\*/..12-"75'+2H"&\*1'  
)2/&\*12/+%(1-&?/,I'<2"522/E17" H51-&'(\$E" C,1/'=522/E173"/%&\$'7+2H"&\$" JYS1'/Y-"  
VXJ JHVWLRQ EHFDXVH DIWHU WKH JHQHUDWLRQ RI -HQR WKHUH SUREDEO\ ZHUH QR VLJQLQJW  
'1.'1-12&/&+?1- "\$(&\*1' C,1/&+%- 9\$&\*1' E12&\$2+2HB' 7+-5%-1- 9&\*1' 0\$%'/1-Y' 2/E1-/A1"  
\RXQJGRFUDWHVWKHTXHVWLRQRISROLWLFORUGHU\\*1@/-+%"E1&/. \*\$'1E..,\$617'+2&\*1'-..11%"  
+-%&+-\$("\$/"219"\$@1=-%#%'&B'91/?17"(\$"&\*1'H\$771--<&\*12/' e\$52H'H+,-'91/?1/"219"  
'\$@1'(\$"&\*1'H\$771--5271"&\*1'7+1%&+\$2\$(\$"/2'1,71',6'9\$E/2I'/\*+-%+9+,#(3-+%=B)+#/-+."  
MQQ7'MQT1B3'&\*/&+-%&\$"-6"/2'+,5-&/&+?1'1Z/E..,13'71-H217"&\$"1,5%+7/1"/"E\$'1"%\$E..12"  
V\EMHFWDWVWHULVGHYHORS HGE\DQROGHULQVWUXFWURUKLV\RXQJHVWVXGHQWLQRUGHUWRH[SODLQ  
WKHSHFXOLDULWLHVRI SROLWLFDSKLORVRSK\7KH SROLWLFDLQLVQRW MXVWDJRRGRUHVSRQVLEO  
%&+A12I']1'\$.--1--1-.1%/,1Z.1'&+13'9+\*+\*1,.-\*+E&\$"E/2/H1'&\*+2H-91,,I' \*1'\$.&+&%/,"  
'/&=WHNKQB'+-%\$E../'17"&\*12'9+&\*1&\*1'-A+,-1E..,\$617"@6"/&'+21'\$(H'\$5.-.\$&'I'4271173"/  
&' +21'\$&\*+-\$&'52,A1&\*1'\$21%\$/%+2H'+27+?+75/,/&\*,1&1-3+-71?1,\$+2H"/%\$E..1'12+?1"  
'\$H'/E'/+E17"/&-\$E1"%\$E\$2"H\$73'9+\*+\*%/22\$&'\$91?1'"/%\$52&'(\$'.1'-\$2/',2117-"  
RIVSHFLPHPEHUVRIKWHWDHP,QWKHVDPHYHLQWKHOHJLVODWRUGHVLJQVODZVDVJHQHUDO  
'5,1-3'/..+%/@,1'\$"/,,"%&+A12-3'+?1-.1%&+?1'\$( "/26'.1%5,+/?&+1-/27'%+5E-&/2%1- 9+\*+\*"  
E/6"\$%5"+2"/H'+12'-&5/&+\$2=B)+#/-+.~~HUKHODKLFKLQ\*UHFHDVOPW~~  
1Z%,5+?1,6'/--\$%+&/17'9&\*1-&/&5&1--=\$&\*/&'1?12"%5-&\$E'/6"@1\*'?+\$3'.'/%&+17'(\$"E/26"  
H121'/&+\$2-3'9/-"\$5&+21,6'/&+?+5&17"&\$"/2'/2%+12&/27'\$(12'E6&+%/,"/9H+?1'B3+-&\*1'1'\$(1"  
QRWDIRXQGDWLRQRIWKHJRRGVWDWH\$ZLVHSROLWLFDOOHDGHULVFRQFHUQHGLZWKWKHVSHFLJ  
2117-"/27'7\$1-&\*+-%/%%\$'7+2H"&\$\*+-%1Z.1'&+1'42"&\*1'/@-12%1'\$( "/2'1Z.1'+12%17'-&/1-E/23'  
,/9'=9+\*+\*H5'/2&11--\$%+/,&@+&6B'E5-&'1E/+2'52%\*/2H173'/-+2"&\*1-&\$'6"/@5&'0\$,523'  
9\*\$',1&<&\*12-(\$"&12'61'/-.1%+1,6+2'\$71'&\$".1?12&\*+-(1,,9D%&+A12-('\$E"%+2H+2H"  
/"219'\$.&+&%/,"1H+E1'9+\*+\*1\*1'/-'.1?+\$5-,6'1-&/@,+\*17'b5+&1'\$2&\*1"%\$2&'/'63'+2"/91,D  
71-H217'-&/1&1+&-a\$.12D&1Z&5'13Y&\$"5-1'/&1'E"%\$+217+2'E\$71'2&+E1-@6']1@1&']/'&'!WN!B3'  
5271'H\$1-%\$2-&/2&+?/2-(\$E'/&+\$2=f+-'91/?17'/-"/%#%'&/'(\$"&\*1'H\$771--B"@6'.1\$,1'-A+,17"  
+2&\*1'\$.&+&%/,"-+12%13'9\$A+2H'5271"&\*1'7+1%&+\$2\$("/9+-1E/23'9\*\$'71%+71-3+2'<+&\$&,1Y-"  
9\$'7-%&(+%&(&(/\$'+9-&))#(=P)'(\*\$/Q(\*&-I!LIW3'!!T!@QB3'9\*/&A+27-\$(, /9'/1'-5&17"@1-&  
WRZKDWVRUWVRIIRON6LQFHWKHVVNLDOOVDUHGLMOWRRLPLWDWHERUURZHGRFQVWLWXLWRQVDUH  
'/1,6'+E.,/2&17'-5%1--(5,,6+2'/'(\$'1H2-\$+,B)+#/-+.~~HFUKLVKMY~~  
~~WHKMHFWHJIDMSODMLDORXV~~

42\*+-'N+:/&\*1'<&\*12+/2H51-&=E/6@1'0\$,2"\$-\$E1@76\$(\$'+-&/&5-3"/%\$'7+2H"&\$"  
JYS1'/Y-5HH1-&+\$23'.I'!LQB'7+-5--1-&\*1'9/6-\$.&+&%/,"-+12%1"%\$5,7\*1'."&\$1-&/@,+\*+  
/27'52"/219"%&/'(\$&KLFKDFFLQJBDWVHURKHVHURKHGEWH\*UGLDQR  
&\*1',/93'9\*\$"E/+2&/+2&\*1'.1D1-&/@,+\*17'\$713'/27"&\*1'>\$%&5'2/,K\$52%+,3'9+\*+\*+,-/'H1,6"  
'1-.\$2+@,1'(\$"9\*/&1?1'%\*/2H1-&\*1-&/1'5271'H\$1-I'<,-\$&\*1'E1E@1-\$(&\*1'K\$52%+,&'/?1,"  
1Z&12+?1,6&\$"-11'9\*/&+-%H\$+2H"\$2"/@'\$/73'.1-5E/@,6'(\$'-1%5'+&6'1/-2-@5&/,-\$+2'\$71"  
&\$'12%\*/2H1'/27"/%5E5,/1'+71/-3'?&/,(\$"&\*1'\$.&+&%/,"-+12%1I' \*1'E&-5%1--(5,(\$&\*1'E"  
&\*16'/7\$.&'\*\$E1I' \*+-%+%,1/'81--\$@?+\$5-+-"/,2A' JYS1'/1-&/@,+\*1-@1&9112-\$E1"  
+71/-1Z.1'-17'+2&\*1'N+:/27"&\*1'<&\*12+/2(1-&?/,,\$("#+\$26-5=-.I'!!0'!!RBI  
:KDWNLQGRIVFLHQFHLVUWVWLQWURGXFHG DQG WKHQHODERUDWHGE\WKH\*XDUGLDQV'7KH\  
E5-&'A2\$9&\*1'H\$7\$2'9+\*+\*%&\*1'H\$,/&\$@1'/%+\*1?17'+2&\*1'+\$.&+&%/,"./22+2H'71.127-I'42"  
/77&+\$23&\*16'E5-&\*1'?1"/E\$71,@1+E&/&171' \*1'+71/,&/&1\*1'/-..1%+/,.-./&+/'\$H/2+^&+\$2F"  
WKHODQGXPVWIRUPDFLUFHZZLWKWKHDFURSROLVLQWKHPLGGOH7KHUHPXVWEHVXELHQVWHUULWRU\  
DQG UHVXUHFHVWRVXS S RUWLWVWLPLWHG SRSXODWLRQZKLFLKZRQOGPDNHWKHVWDWHVHOIVXELHQV

=N+ : /"QQQ73"1&%BI"\ \*1"/273"9\*+%\*"1E /+2-%\$E E\$2".'\$ .1'&63+ "-5@7+?+717+2&\$%91,?1"1H+\$2"  
DQG GLVWULEXWHG HTXDOO DPRQJ YHWKRXV DQG IRUW \ KRXVHKROG V6RPHLQHTXDLW \ LVDOORZHG  
RQO \ LQWKHFDVHRIPRELOH JRRG VHWF7KH SK \ VLFDORU J DQL J DWLRQRIWKH S ROLVLVUHFWHG RQ  
&\*1"-. +&5/, ,1?1, " ; 1,+H+\$2"+/-,-\$71&1'E+217"+2%,1/'"-./&\$D&1E.\$' / ,&1'E-" \ \*1"%12&1'"+-"  
\$%%5. +17"@6"%\*1"&1E . ,1-"\$(" ] 1-&+/"= ] 1/'&\*B3" c15-" /27"<&\*12/3"1/%\*\$("&\*1"&91,?1"1H+\$2-" /27"  
&'+@1-" /'1"%\$2-1% /&17"\$& /"H\$7"\$("&' /7+&\$2/, '1,+H+\$2" \ \*1-1"H\$7-3" /- "91,, /- "&\*1" . /'7+HE"  
VWDWHLWVHOIDUHQRWQDPHG WRDFFRXQWIRUWKHXWUHJLRQDOVS HFL&KXRU J DQL J DWLRQRI  
WKHUHOL JLRXVVS DFHZKHUHD GLHUHQWLDWHG PXOWL S OLFLW \ LV EURX J KWWRXQLW \ PLUURUVWKHZD \  
LQZKLFKODQGDQG SRS XODWLRQDUG GLVWULEXWHGLQWKHVWDWH S7LPHLVDOVRPDGHVDFUHG  
UHOL JLRXV IHDVWV GHGLFDWHG WRVS HFL&JRGV WDNH SODFHUH JXODUO \ WKURX J KRXWKH HQWLUH \ HDU  
=N+ : /E7KHFLMOL J LDOHQGDULQJLWPHRHOVWLDOLQDLQV  
DGLMLRKHILMOLJ LDOHQHEDQLDWRKHDDGL J PBLMLFW  
&\*1"\$71"\$("\$&\*1"52+?1'-1=&\*1"\$21"71-%'+@17"+2"%\*1"!(- + #4/BI" \ \*1"-%'17"/273"717+%/&17"%&\*1"  
JRGVLVRIVSKHULFDQVKD S HFLUFXODUDQG VHOIVXLHQWOLNHWKHFRVPRVWKHVWDWHDVHYHU \ WKLQJ  
+2"&\*1"%\$-E\$- "-71-H217" /%%\$7+2H"\$H1\$E1&'+%/, ". '\$.\$&+\$2-U" &\*1" - /% '17"&1' '+&\$'6"\$("\$&\*1"  
-&/&1"%\$'1- . \$27-"&\$"%\*1"%\$-E+%"\$71"9+&\*1"%\*1"1/'&\*1"= ] 1-&+ /B"+2"%\*1"12&1'3"&\*1"E\$S2"/27"&\*1"  
VXQ\$WKHQDQGDQG =HXVORFDWHG QH [ WWRLWDQGWKH S ODQHWV DQGWKH f HG VWDUVIRXQG RQWKH  
.1'+.\*1'6"/-1. /' /&1"?+, /H1-"9\*+%\*"12%+'%,1"%\*1"/% '\$.\$,+U"/27"%\*\$5H\*"%\*1"1,+H+\$5-"(1-&?/, -"  
&\*1".1\$.,1"/27"%\*1"H\$7-"/'1"12H/H17"/,,"61/'"\$527"+21,/@\$' /&17"/-&\$D\*"\$1SH' / . \*6"=."!MOBI"  
 :HOOKHUHLVWKHVWRU \ WROGE \ 'RPLQLF2QHDUD7RFRQFOXGHWKHERRNLVVX SHUEO \ ZULWWHQ  
/27"91,, . '\$75%17I" ; 1/71'-"+2&1'1-&17"+2"%\*1"\*+&\$'6"\$("/2%+12&" . \*+,\$-\$ . \*6"%\$-E\$, \$H6"/27"  
S ROLWLFDOWKRXJ KWZLOO@GLWLQGLV SHQVDEOH

(K1:131\*/1#

\$ I&S\$Q&D&C&E&D&W&H&H&F&H&E&N

JYS1/'/3" #I" K\$-E\$, \$H6" /27" . \$,+&+%- " +2" ),/&\$Y- , /&1'" 9\$'A-I" K/E@'+7H13" ML!QI"  
B\*" '&'#FI"!MIM3"ML!TF"QM! 'QORI  
] /'&3" ] 1'@1'&8I"<I"! "#G&. \*#%)\$&0\$N+ : I" JZ(\$'73"!WN!I  
JYS1/'/3" # \$E+2+%I" G&/ - &'&38\$+ . , \$1&'()(\* / \$(. \$1'+) &2/\$N+) #9\$ @&9</I" K/E@'+7H1" g2+?1' -&6"  
)'1--3"ML!QI  
JYS1/'/3" # \$E+2+%I" 1'+) &. &%&'(/M\$1&'()(\* + \$1"('&/&% "8\$(. \$N+) #D. )(>4)8I" JZ(\$'73"MLLOI  
@&9/"(("%(.3\$D)"#. +M\$1+. )"#. +(+\$. , \$1+9)"#. &. (GLNGE\ HQLIHUHLWDGL&Q : LV  
8QLMLWLMLQLVQ3LV