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P6-/!;6\$&3&<\$;6.,4/!\$%&;3!-&9;<;16!\$1!916\$3;8+\$&!,&<<!#>><!+63&,#\$&-!\$1!\$%&!<;7&!12!\$%&!,1#6! >#4@&6\$/!8+\$!;6<\$&#-!3&2,&9\$<!\$%&!@&3&!2#9\$!\$%#\$!\$%&4!%#A&!\$1!@#E&!#!>#4@&6\$!	%!@16\$%) !!!

5%&!3&<+,\$<!<+ . . &<\$!\$\#\$!3&213@<!#;@&-!#\$!@#E;6 . !<\$+-&6\$!-&8\$!@13&!@#6# . ,&!@#4!
>31A&!;6&22&9\$;A&!#\$!;693&#<;6 . !3&\$;3&@&6\$!<#A;6 . !#@16 . !41+6 . ! ' 13E&3<)!!5%&<&!3&213@</!<+9%!#<!
\$4;6 . !<\$+-&6\$!,1#6!>#4@&6\$<!\$1!;691@&/!@#4!,&#A&!@13&!311@!;6!\$\&!8+- . &\$!213!916\$3;8+\$;6 . !\$1!
3&\$;3&@&6\$!>,#6<)!!T+\$!\$\&!3&<+,\$<!<+ . . &<\$!\$\#\$!<\$+-&6\$!-&8\$13<!#3&!61\$!@#E;6 . !\$\&;3!916\$3;8+\$;16!
-&9;<;16!8#<&-!16! ' \%#\$!\$\&4!9#6!#2213-/!8+\$!16!\$\&!@&3&!>3&<&69&!12!\$\&!,1#6)!!!\\6!2#9\$/!;2!;691@&D
8#<&-!3&>#4@&6\$!,&6 . \$\&6<!\$\&!,1#6<\\!\$&3@/!;\$!@#4!#9\$+#,,4!<&\$!<\$+-&6\$!-&8\$13<!&A&6!2+3\$\&3!8#9E!
0!\$\&4! ' ;,,! ' #;\$!\$\\#\$!@+9\!,16 . &3!\$1!8& .;6!<#A;6 . !;6!$&<\$)!!\\6<\$\&#-/!>1,;94@#E&3<!@#4!2;6-!;\$!
@13&!&22&9\$;A&!\$1!219+<!16!\\&,>;6 .! .3#-+#\$&<! ' ;\$\!@#6# . ,&!8#,#69&<!-&\$\&3@;6&! ' \\#\$!\$\\&4!9#6!
#2213-!\$1!<#A&/! ' \\;,&!\\&,>;6 .!\$1!>+\$!\$\\&;3!<\$+-&6\$!-&8\$!;6!>&3<>\&9\$;A&)!

5%&!91%13\$!<\$+-;&-!%&3&/!%1'&A&3/!#3&!b+<\$!#%&#-!12!\$%&!,#3.&!3+6D+>!;6!<\$+-&6\$!-&8\$)!!N6!
@13&!3&9&6\$!91%13\$</!<\$+-&6\$!-&8\$!%#<!8&91@&!@13&!91@@16/!#6-!1+\$<\$#6-;6.!,1#6!8#,#69&<!
,#3.&3)!!

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P - - 1/!: &6#8#!*)!HCYI)!k f &8$/!S 1%#8;$#$;16/!#6-! " #33;#. &!;6! c 1+6.!P-+,$%11-)1!
       iY[!Yi]DYCY!
PA&34/!S%3;<$1>%&3!#6-!(#3#%!5+36&3)!HCYH)!k($+-&6$!h1#6<[!f1!S1,,&.&!($+-&6$<!T1331'!511!
        " +9\%!0! 3!U1$!K61+.%J1!
                                                                     !HiOYR[!YiiDY\H)!
T31 '6/! " &$#/!#6-!(4-6&&!S#,- '&,.)!HCYB)!
                                  )!h;8&3$4!($3&&$!K9161@;9<!*&>13$)!U&'!c13E/!Uc[!:&-&3#,!
       *&<&3A&!T#6E!12!U& ' !c 13E)!
S&,;</!W#A;&3)!HCYC)!
                                                                           )! L #<%;6.$16/! f S[!
       F)()!T+3&#+!12!h#813!($#$;<$;9<[!S1@>&6<#$;16!#6-!L13E;6.!S16-;$;16<)!
S%; &b; /!U.; 6#!()!HCC])!k51!_#A&!#6-!51!_1,-[!P6!P6#,4<;<!12!c1+6.!P-+,$!f&8$/1!;6!
                                                             /!(%&,-16! f #67; . &3!#6-!S&9;;;#!
       *1+<&/!&-<)!U&'!c13E/!Uc[!*+<<&,,!(#.&!:1+6-#$;16)!
S11>&3/! f #6;&,!#6-!W)!S%3;<$;6#! L #6.)!HCYI)!
                                                                                           )!
       S+33&6$!d1,;94!d&3<>&9$;A&<!YID])!T1<$16/! "P[!:&-&3#,!*&<&3A&!T#6E!12!T1<$16)!
f#,&/!($#94!T&3.!#6-!P,#6!T)!g3+&.&3)!HCCH)!kK<$;@#$;6.!$%&!d#4122!$1!P$$&6-;6.!#! " 13&!
        (&,&9$;A&!S1,,&.&[!P6!P>>,;9#$;16!12!(&,&9$;16!16!`8<&3A#8,&<!#6-!F618<&3A#8,&<)1!
                                        !YY]0IR[!YI\YDYiH])!
f &@;6./! f #A;-!W)/!S,#+-;#!01,-;6/!#6-!h# '3&69&!:)!g #$7)!HCYH)!k5%&!:13Dd312;$!d1<$<&916-#34!
       (9%11,!(&9$13[!U;@8,&!S3;$$&3<!13!P.;,&!d3&-#$13<J1!
       HiQYR[!YB\DYiI)!
f;,,16/!K,&#613!L;<E&!#6-!W&223&4!P6-3&'!(@;$%)!HCY])!k5%&!S16<&G+&69&<!12!P9#-&@;9!"#$9%!
       T&\$ ' &&6!(\$+-\&6\$<!\#6-!\S1,,\& .\&<)1!\L 13\E;6.!\d\#>\&3!\j\BII)! " +6;9\%/!0\&3\@\#64\[!\h+- ';.\D
        "#?;@;,;#6<!F6;A&3<;$4!S&6$&3!213!K9161@;9!($+-;&<!#6-!$%&!N21!N6<$;$+$&)!
K,;;1\$\!\! L;,;\#@\!\":9\\#,\03;6\$\&;6D\L\&;\\!\#6-\!\,\\+6.\!\U\#@\!\HCYB\!\k(\$\+-\&6\!\\f\&8\!\#6-\!\f\&9,;6;6.\!
        * &$;3&@&6$!(#A;6.<)1!L 13E;6.!d#>&3!YBDBI)!($)!h1+;</! " `[!S&6$&3!213!(19;#,!
        f &A&, 1>@&6$!#$! L #<%;6.$16!F6;A&3<;$4)!
: &-&3#,!*&<&3A&!T#6E!12!U& '!c13E)!HCYZ)!
                                                                                             )!
       U& '!c13E/!Uc[!:&-&3#,!*&<&3A&!T#6E!12!U& '!c13E)!
: &-&3#,! * &<&3A&!T1#3-!12!O1A&3613<)!HCYB)!
                                                                  )! L #<%;6.$16/! f S)!PA#;,#8,&!
       #$[!%$$>[ee''')2&-&3#.3&<&3A&). 1Ae&9163&<-#$#e<92e2:.&<eT+..&$:6S%#3$<)>-2!!
:;&,-/!K3;9#)!HCC\)!kK-+9#$;16#,! f &8$!T+3-&6!#6-!S#3&&3!S%1;9&[!KA;-&69&!231@!#!:;6#69;#,!P;-!
       K?>&3;@&6$!#$!UcF!h#'!(9%11,)1!
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: 34/! *:9%#3-)!HCYI)!kc1+6.!P-+.$</!($+-&6$! f &8$/!#6-!K9161@;9! L &,,DT&;6.)1! L #<%;6.$16/! f S[!
       d&'!*&<&#39%!S&6$&3!(19;#,!#6-!f&@1.3#>%;9!53&6-<!d31b&9$)!
0;9&%A#/! f 13#)!HCY j !0213$%91@;6.R)!k($+-&6$!h1#6<!13! " #33;#.&J!P!h11E!#$!$%&!_;.%,4!
       K - +9 \# \& -)1!
0;9%&A#/! f 13#!#6-!W&223&4!5%1@><16)!HCYi)!k5%&!K22&9$<!12!($+-&6$!h1#6<!16!h16.D5&3@!
        1+<&%1,-!:;6#69;#,!($#8;;$4/1!;6!
                                                                                      /!g&A;6!
        1,.86889E!#6-!T3#-!_83<\%8&;6/!&-<)!g#,#@#711/!"N[!F>b1%6!N6<$;$+$&!d3&<<)!
_;,$16<@;$%/!*18&3$)!HCYB)!kP$!L%#$!S1<$J!_1'!($+-&6$!f&8$!*&-+9&<!h;2&$;@&!L&#,$%)1!f&8$D
       213D f;>,1@#!(&3;&<)!U&'!c13E/!Uc[!f&@1<)!
_ 1+,&/!W#<16!U)!#6-!h# ' 3&69&!T&3.&3)!HCYi)!kN<!($+-&6$!h1#6!f&8$!f;<91+3#.;6.!
        1@&1 '6&3<%;>!#@16.!c1+6.!P-+,$<J1!
                                                                         |Z\setminus[iZ\setminus DiHY)|
+&.<@#6/! " #3E)!HCYj)!kP!h&.!F>[! 1 ' !#!d3;A;,&.&-! " ;613;$4!N<!03#-+#$;6.!L;$%1+$!f&8$)1!
       U& '!c13E/!Uc[!f&@1<)!
g;6./!W#9G+&,;6&!K)!HCCi)!k:&-&3#,!($+-&6$!h1#6!f&8$[!Y\\B!$1!HCCI)1!N<+&!T3;&2)!L#<%;6.$16/!
        f S[!P@&3;9#6!S1+69;,!16!K-+9#$;16)!
h#6./!g&A;6!#6-!*+<<&.,.!L&;6<$&;6)!HCYB)!k5%&!L#.&!K22&9$<!12!U1$D213Dd312;$!#6-!:13Dd312;$!
       S&3$;2;9#$;16<[!T&$$&3! f #$#/!(1@& '%#$! f;22&3&6$!*&<+,$<)1!
                                                                                       !HI[!HBCD
       HIB)!
" +66\&, /!P, :9: \#! _)/!L\&6, :\#6.! _1 + /!\#6 - !P6\%164!L\&88)!HCYY)!kL: :, :\%\&!K?>, 1<:16!12!($+-&6$!)!HCYY.
        f &8$! L ;-&6!$%&!*&$;3&@&6$!(&9+3;$4!0#>J1!
                                                                   !YiDH)!S%&<$6+$! ;,,/! " P[!
        S&6$&3!213! * &$;3&@&6$! * &<&#39%!#$!T1<$16!S1,,&.&)!
U#<16/! f &813#%)!HCYI)!k ($+-&6$!h1#6! f &8$!@#4!($;2,&!*&$;3&@&6$!(#A;6.<)1!K6.,& ' 11-!S,;22</!
       UW[ SUTS !PA#;,#8,&!#$!<u>%$$>[ee ' ' ')9689)91@e;-eYCYjHiIBi</u>!!
U#+/! ";9%#&,/!*#9%&,!K)! f '4&3/!#6-!*#6-4!_1-<16)!HCYi)!kS#6\\\!P2213-!#!T#84J! f &8\\!#6-!
        c 1+6.!P@&3;9#6<)1!
                                                                            !IH[!YYIDYHH)!
*1$%<$&;6/!W&<<&!#6-!S&9;,;#!K)!*1+<&)!HCYY)!kS16<$3#;6&-!P2$&3!S1,,&.&[!($+-&6$!h1#6<!#6-!
       K#3,4DS#3&&3!`99+>#$;16#,!S%1;9&)1!
                                                                            ! \setminus iQYR[!YI \setminus DYiB)!
5%&!\\delta<\$;\$+\$\!213!\S1,,\&.\&!\P99\&<<!\#6-!(+99\&<<!\Q5\\SP(\R)!\kV+;9E!:\#9\$<!\P81+\$!(\$+-\&6\$!\f\&8\$)1!
       PA#:,#8,&!#$[!%$$>[ee$:9#<)13.e<:$&<e-&2#+,$e2;,&<e>+8m2;,&<e f &8$m:#9$<m#6-m(1+39&<)>-2!!
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P . &!BCn!84!HCYB!	i/j j C
KA&3!#\$\$&6-&-!91,,&.&!	B/]HZ
U1\$!@;<<;6.!;621!16!-&.3&&!	B/]HC
U1\$!@;<<;6.!;621!16!,1#6!	B/j]B!!
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5#8,&!H)!	
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U1!	,1#6!	\BB!!	Y/BHH!!
!	d&39&6\$!#@16.!\$%1<&! ';\$%1+\$!,1#6 </td <td>IY)I o!</td> <td>iZ)jo!</td>	IY)I o!	iZ)jo!
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5#8,&!I#)!

5#8,&!18)!

!!		S1,,&.&!	,1#6!\$&39;,&!#\$!#	‡.&!Hi!
S%#3#9\$&3;<\$;9!#\$!#.&!BC!Q&?9&>\$!'%&3&! 61\$&-R!	U1!,1#6 </th <th>T1\$\$1@!</th> <th>";,&!</th> <th>51>!</th>	T1\$\$1@!	";,&!	51>!
(\$+-&6\$!,1#6!#@1+6\$!#\$!#.&!Hi!	C! !!	I/IIY!!!	Yj/iYI! !!	Bj/jCY!!!
* &\$;3&@&6\$!>,#6!>#3\$;9;>#\$;16!	C)BYi!!	C)BiB!	C)Ijj!!	C) i YH!!
* &\$;3&@&6\$!>,#6!#@1+6\$!	i/BZ\!	I/i\H!!	Z/i IB!	I/]YC!
K#36;6. </td <td>Hi/I∖i!!</td> <td>Hj/HjY!!</td> <td>$H \setminus j] Y! !$</td> <td>BB/Hj∖!!</td>	Hi/I∖i!!	Hj/HjY!!	$H \setminus j] Y! !$	BB/Hj∖!!
(%#3&!12!;6-+<\$34!#+\$1&631,,&-!	C)CiC!	C)Ci]!!	$C)Cj\setminus !$	C)CIZ!
: ;3@!<;7&!]Hi!	\II! !	HY\!!	IjH!!
d+8,;9!;6<\$;\$+\$;16!	C)]\H!	C)]BZ!	C)jBi!!	C)iCC!
d3;A#\$&!616D>312;\$!;6<\$;\$+\$;16!	C)CjC!	C)CZH!	C)YH\!	C)BYC!
: 13D>312;\$!;6<\$;\$+\$;16!	C)YIZ!	C)YZC!	C)HBi!	$C)Y \setminus C!$
F6-&3.3#-+#\$&!G+#,;\$4!;6-&?!	$Z)\backslash BB!$!	$Y \setminus (i, j!)$	HB) j YY!	H])]BH!
" 1@! ' ;\$%!91,,&.&!-&.3&&!13!@13&!	C)YYH!	C)YBZ!	C)Y\i!!	C)YZI!
f#-!';\$%!91,,&.&!-&.3&&!13!@13&!	C)YI\!	C)YI\!!	C)Y]j!!	C)HCC!
d#3&6\$ <q!;691@&! %&6!3&<="" '="">16-&6\$!;<!--YZ!</td--><td>Bi/YYC!</td><td>BI/CCI!</td><td>IH/ZHj!</td><td>i ∖/BBB!</td></q!;691@&!>	Bi/YYC!	BI/CCI!	IH/ZHj!	i ∖/BBB!
P (= PT!8&213&!91, &.&!	H)i]B!	H)ZZ]! !	B)B j I!!	B)YCi!!
" #,&!	C)I \B! !	C)IHB!	C)IZ\! !	C)iCC!!
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P64!E;- </td <td>C) i I \!</td> <td>C)jCI!</td> <td>C)IiB!</td> <td>C)iZi!</td>	C) i I \!	C)jCI!	C)IiB!	C)iZi!
T,#9E!	C)BYB!	- '	·	•

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	\$%&'(#)*# <i>!''''#\$</i> %&#'(</th><th>#"")*+"%, - *#)/)#+\$</th><th>''%.(*0%1%2#</th><th>#3)1+%451+\$)6#%&#'(</th><th>#''")*+7 </th><th></th></tr><tr><td>##</td><td>- "</td><td>+''#</td><td>##</td><td>, -#.(/0((#</td><td>##</td><td>1%23('-045#</td></tr></tbody></table>
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!""#\$\\&#'(\#"")*+'\\,*(\\-(.\O.\\$\#"\\1)\\$2\\3.42\\5*(\6'\\7\\#'(\#\"\\9)\\$2\\7),,\#(\#+\\:\\$O/\#+\\;*.+\\<\#."\O(\#"\)

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