! "#"\$%&'()*"+'

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!
                                                                        "#$%&'%(!)*)+!!
!
)**IS! !!
               '()&! "2<$\dark".\dark*-))<"5\\dark*)5020\$,\dark'()"4"=;\dark12<\dark/(-0\$,012\dark3)140\$5\\!\"\%W!b#(AS!
                      DF8#(=!C06$%(.653!7(%...!
IPPPS!!
               IPPGS!!!
              @)$4); &12 < 4, ()&O + 1 < -041, )-14 \% 3)2)P02 = 4, ()&/"2D)-$1,0"2\$1,4#N/-5; #(!\$1,095;!
                      ,5%$%0!X-05%(!%5!/2LM!"/.;$622%$!?'60<=#0!7(%..!
Q-,074)$%&
)*)HS!!!
              e,#96/2!,/0956869/56#0!/0=!5;%!DY56&6.&!#8!X(/9%$!X%#(<6/!V/(A0%..!/0=!:;%!
                      B %5; #=6.5!, #96/2!X#.Y%2\|f&AR."-<&G12<H""#&".&9"40,0714&'()"4"=;\|!
                      B 69; /%2! c % . . 2%(!/0=!, ; /-0!4/.%3\\\%=.L!DF8\\(#(=!C06\\%(.653!7(\%...\\)\\\QUO\\\$65\\%=!
                      4#05(6'-56#0!, -'&655%=!/0=!?99%Y5%=!60!)*) ILR!!
)*)J$!!
              *+,+-)&".&/(-0$,012&3)140$5$!62,)-21,0"214&/"2.407,8&9"40,0714&:)71;8&12<&
                     ,()&/-0$0$&".&:)5"7-17;&49#N%=65%=!W65;!@/22/.!X60<2%.!/O=![#.;!B/-2=60M!
                     Z%F6O<5#0!E##A.\T#W&/0!/0=!Z6552%86%2=!07 - '26.;%=!60!?Y(62R!!
             !e"%W!4(%/56#0$!?0!>5;69.!#8!@360<!/0=!V#Y%\\f!'()&3"+,4)<=)&/"5>120"2!,"&
)*)J$!!!!
                      /(-0$,012&?,(07$!!!
              e,5%Y.!5#!5/A%!5#!/$#6=!/!X4)*)+!=%'/92%$!?&9-)&#(5%&!>F%(96.%!8#(!C065%=!
)*))S!!!
                      B %5; #=6.5. Mf!C 065%=! B %5; #=6.5! " %W.!, %($69%N![-0%!G!
)*))S!!!
              e:;%!d-5-(%!6.!B/=%!#8!5;%!,/&%!,5-88!/.!5;%!7(%.%O5Mf!60!@(1,$$&T)R,U&'P)2,;&
                      "P"\&V20,)<\&N), ("<0\$,\&C)1<)-\$\&:0\$7+\$\$\&, ()\&*+,+-)\&".\&, ()\&/(+-7(\operatorname{Mf!}'()\&))
                      *+,+-)\&".\&,()\&V20,(\&N),("<0$,&/(+-7(M!))
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| ! ! | ! #\$%& %(!)**)+!! |
|----------------|---|
| !)**)\$! ! | e 1 #(A.!#8! B %(93!/.!, Y6(65-/2! d#(&/56#0\$! 1;3! 1 %.2%3! d%/(%=!8#(!5;%!,#-2.!#8! 5;%! T69; Mf! '()&@)\$4);12&'-1<0,0"2% Q&91-1<0=5&."-&3)2)P14N! 7/-2! 4;629#5%N!%=LM!?'60<=#0!7(%! |
|)**IS! ! | e42#060<\table !: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
|)***\$!!! | e[#;0! 1 %.2%3! /.! U05%((%26<6#! T%.#-(9%\$! 1 #-2=! b#-! : /A%! : ;6.! B /0! 5#! ?0! U05%(8/65;!@6/2#<-%if!60!Q&E-)1,&/"5 50\$\$0"2\&/(-0\$,012&G">)& |
| å å | & & & & & & & & & & & & & & & & & & & |
| IPPPS!! | eX%0=%(!/0=!B#(/2653\\f!?27;74">)<01\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| IPPP\$!! | $ \begin{array}{l} \text{e B \#(/2!@6(\%956\#0!60!X\%0\%569!4\#-0.\%260} < \text{S!7(\%0/5/2!:\%.560} < !/0=!V-0560} < \text{5\#0g.!} \\ \text{@6.\%/.} \text{Mf!} \text{QW65}; !V\#W/(=!,5\#0\%\text{RM!}*15040)} \text{8\&F}; \$,) 5 \$\&12 < \&G) 14, (\&'()\&Y''+-214\&''.\&/''441H''-1,0D)\&*1504; \&G) 14, (\&/1-)M!, Y(60$ |
| IPPP\$!!! | eV-&/0!42#060<\$! 1;3!,/3!"#\\f!d/9\\!5#!d/9\\!,\\956#0!\\65;!:\\=!7\\5\\(.\\!@\''-<\\12<\\@\''-4<\\! 1605\\(!\) |
| IPPPS!!! | e4; (6.56/0!T%.Y#0.%.15#!\nabla-&/0!42#060<\ f!/(-0\$,012\ F"7014\ Q7,0"2\ !D95#'\%(' |
| IPPP\$!!! | eU5g.!5;%!Z6552%!:;60<.\$!>5;69.!/0=!>56a-%55%!60!5;%!D(=60/(3!7(/9569%.!#8! B 606.5(3\Mf!'()\delta/0-7+0,\delta30<)-\M!B/3!\Q1/.!/2.#!5;%!<-%.5!\\=65#(!#8!5;6.!B/3! 6\delta!\text{#0!\&606.5\(6/2!\delta5;69.\LR!} |
| IPPPS!! | |
| | |

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! Н "#\$%&'%(!)*)+!! !)*)J\!!! ?!T%\$6%W!#8!'()&?,(07\$&".&'102,)<&C)=170)\$%G+512&*4"+-0\$(02=&1.,)-& '-1+51,07491\$, \$M! c /(%0!X-5; M!3) 1<02=43) 40=0 "2M!:; %!? &%(69/0!?9/=%&3! #8!T%26 < 6#0M!d%'(-/(3!)?!T%\$6%W!#8!9-">()7;&02&1&F)7+41-&Q=)M!@/\$6=!:(-%M!'()&Y"+-214%''.%,()&F"70),;&)*))<u>\$!</u>! ". & $/ (-0\$,012\&?,(07\$M!d/22\ 1\ 605\%(!$)*)IS!! ?!T%\$6%W!#8!3)02("4<&T0)H+(-&02&,()&IJ]W\$%&/(-0\$,012&3)140\$5&."-&1&F)7+41-& $Q = \frac{8!}{T} = \frac{14k'' \cdot k}{0}, \frac{14k'$ d/22\ 1 605%(!)*II\$!! ?!T%\$6%W!#8!E)2 L^{δ} 30\$02=8!?0=(%W!:;#&Y.#ON!'()&V20,)<&N),("<0\$,&3)>"-,)-8& [-23!)**^S!! ?!T%\$6%W!#8!

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                                              !
                                                                            "#$%&'%(!)*)+!!
!
IPP) $!!!
               e"%W!@%$%2#Y&%05.160!X%0%569!,96%09%Mf!T%Y#(5!4#N/-5;#(%=!W65;!B%&'%(.!#8!
                       5; %!C065%=!B%5; #=6.5!X%0%569!, 96%09%!: /.A!d#(9%M! 1 /.; 60<5#0M!@L4LS!
                       :;%!X%0%(/2!E#/(=!#8!4;-(9;!/0=!,#96%53L!:;%!=#9-&%05!W/.!/=#Y5%=!'3!
                       5; %!X%0%(/2!4#08%(%09%!#8!5; %!C065%=!B%5; #=6.5!4; -(9; !60!IPP)!/0=!5; %0!
                       /&%0=%=!/O=!(%/=#Y5%=!.%$%(/2!56&%.L!:;%!.5/5%&%O5!6O!5;%&,#96/2!
                       7(6096Y2%.!#8!'()&!""#&".&: 0$70>402)!/2.#!9/&%!8(#&!5;6.!5/.A!8#(9%L!!
% 6 %! -+'%2 -'.!%24+'
               :#&!:-OA.!@6.560<-6.;%=!CO6$%(.653!4656h%0!?W/(=\!!,#-5;%(O!B\%5;#=6.5!
)*)JS!!!
                       C06$%(.653)!\X6$%0!5\#!8/9-253!eW;\#!;/$\%!=\%&\#0.5(/5\%=!\#-5.5/0=60<!
                       9656h%0.;6Y!5;(#-<;!=%=69/5%=!.%($69%!5#!5;%!C06$%(.653!/0=!65.!
                       < #\$\%(0/09\%f!)
               B\%\%'\%(M!?25.;-2\%(!?9/=\%\&3!\#8!@6.560<-6.;\%=!:\%/9;\%(.M!,\#-5;\%(0!B\%5;\#=6.5!)
)*)IN)JS!!!
                       C06$%(.653!!
)*)IS!!!
               ? 25.; -2%(!@6.560<-6.;%=!:%/9;60<!?W/(=\!!,#-5;\%(0!B\%5;#=6.5!C06\$\%(.653!!
)*)*N)IS''
               ,9;#2/(23!D-5(%/9;!?W/(=\!!7\(\text{A60.\!!},\#-5;\%(0!B\%5;\#=6.5!C06\$\\(.653!!
)*)*S!!
                       T\% #50.2(5)60 1 .92 c Tf(!) B T500.0002-4<(0.)-0.2-Y2(!T%)0.2(X(%)0.20.2(5)0.0.2(%)0\!!
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!
                                                                            "#$%&'%(!)*)+!!
                ?!VLDL7L>L!7(#8%..#(!0V#0#(60<!D-(!7(#8%..#(.g!>F9%22%09%RM!@%Y/(5&%05!#8!
)**J$!!
                       .5-=\%05!Z68\%!/0=!, 5-=\%05!V\#-.60<\%!, \#-5;\%(0!B\%5;\#=6.5!C06\%)(.653!
)**)S!!
                ,/&!:/32#(!d%22#W.;6YM!C065%=!B%5;#=6.5!X%0%(/2!E#/(=!#8!V6<;%(!>=-9/56#0!
                       /0=!B606.5(3!)
)**)S!!
                ,9;#2/(23!D-5(%/9;!?W/(=\!!7\)(A60.\!\,\#-5;\\(0!B\)\5;\#=6.5!\C06\\\(.653!\)
)**IS!!!
               B/<-6(\%!7-'269!,9;\#2/(M!,\#-5;\%(0!B\%5;\#=6.5!C06\$\%(.653!))
)**IS!!
               B/<-6(%!: %/9;60<!d%22#W\\!, #-5;\(0!B\\\5;#=6.5!C06\\(.653!
)**IS!!!
               Z6223!X(/05!05;(#-<;!7%(A60.R!8#(!4#-(.%!@%$%2#Y&%05!C.60<!@6.5/09%!Z%/(060<!
                       : %9; 0#2#<3!0>. Y%96/223!U05%(0%5!: %9; 0#2#<6%.R!
IPPPN**S!
               4;(6.56/0!d/65;!/0=!Z68%!,/''/569/2!X(/O5L!?W/(=%=!'3!:;%!Z#-6.$622%!U0.565-5%!
                       W65;!:;%!Z6223!>0=#W&%05!5#!.9;#2/(.!=%.6<060<!/0!e605%22%95-/223!
                       Y(#&6.60<!(%.%/(9;!Y(#]%95f!5;/5!.%%A.!5#!e&/A%!&#(%!/99%..6'2%!5#!
                       (%26<6#-.!'%26%$%(.!5;%!5;%&%.!#8!4;(6.56/O!8/65;!60!(%2/56#0!5#!5;%!(%/2656%.!
                       #8!5; %6(!9#05%&Y#(/(3!26$%.Lf!!!
IPPGS!!
               E(65%!@6$60653!,9;##2!"#&60%%!8#(!:%F/.!4;(6.56/0!C06$%(.653!@%/0g.!:%/9;60<!
                       ? W/(=!0C06$%(.653NW6=%!/W/(=!8#(!5%/9:60<!%F9%22%09%LR!!
               C06$%(.653!0#(![-06#(R!d%22#W.:6YN!UO.565-5%!8#(!5:%!?=$/09%=!.5-=3!#8!T%26<6#0L!!
IPPINP)S!
                       ? W/(=%=! '3!5; %!C06$%(.653!#8!4;69/<#!@6$60653!,9;##2!5#!/!.&/22!<(#-Y!
                       #8!7;L@L!9/0=6=/5%.le#0!5;%!'/.6.!#8!5;%6(!Y(#&6.%!8#(!=6.560<-6.;%=!
                       .9;#2/(23!9#05(6'-56#0.!/.!%FY(%..%=!60!5;%6(!/9/=%&69!(%9#(=.!/0=!
                       =6..\%(5/56\#O!Y(\#Y\#./2.Lf!)
IPPINP) S!
               >26h/'%5;!U2688! 1 /((%O!d%22#W.;6YL!X6$%O!'3!5;%!U2688!,9;##2!#8!:;%#2#<3!5#!
                       /2-&06!W;#!/(%!Y-(.-60<!=#95#(/2!=%<(%%.L!0@%9260%=R!
IPP*NPIS!
               X(/=-/5\%!:\%/9;60<!d\%22#W.;6YM!:;\%!@6\$60653!,9;##2M!:;\%!C06$\%(.653!#8!4;69/<#!!
IPOONPIS!
               4%05-(3!d%22#W.;6YL!?W/(=%=!'3!5;%!C06$%(.653!#8!4;69/<#!5#!7;L@L!.5-=%05.!
                       W65; !e%F9%Y56#O/2!/9/=%&69!(%9#(=.!/O=!Y(#&6.%Lf!U5!W/.!/5!5; %!56&%!5; %6(!
                       5#Y!/9/=%&69!.9;#2/(.;6Y!/0=!9#$%(%=!8-22!5-656#0!Y2-.!/!26$60<!.56Y%0=L!
IPOONPIS!
               [#:0! \ 1 \% .2\%3! \ d\%22#W .:6YL!X(/05\%=!'3!?! \ d#-0=/56#0!8#(!::\%#2#<69/2!>=-9/56#0!5#!
                       e<685\%=f!C065\%=!B\%5;\#=6.5!7;L@L!.5-=\%05.!W65;60!e5;\%!92/...69/2!4;(6.56/0!)
                       5(/=656#OLf!
IPOONOPS!
               @\%XY.5\%(!d\%22\#W.;6YM!X6\%0!'3!5;\%!X\%0\%(/2!E\#/(=!\#8!V6<;\%(!>=-9/56\#0!/0=!)
                       B 606.5(3!#8!5; %!C065%=!B %5; #=6.5!4; -(9;!5#!7; L@L!.5-=%05.!#0!5; %!'/.6.!#8!
                       e605%22%95-/2!9#&Y%5%09%\\!/9/=%&69!/9;6%$%&%05!L!L!L!t/0=u!92/(653!#8!
                       . Y6(65-2!Y-(Y\#.\%!/0=!9\#\&\&65\&\%05Lf!)
IPO^NOOS!
                , A/<<.!, 9; #2/(.; 6YM! ? W/(=%=!'3!5; %!U2688!, 9; ##2!#8!:; %#2#<3!5#! B L@6$L!.5-=%05.!
                       W;#!e.;#W!%F9%Y56#0/2!/9/=%&69!/'62653!/0=!2%/=%(.;6Y!Y#5%056/2!60!5;%!
                       9; -(9; Lf!:;6.!W/.M!/5!5;%!56&%N!5;%6(!5#Y!/9/=%&69!.9;#2/(.;6YL!
/!"+"24\%4)02+")2'\%, \%-"(),'+"44)2.+"
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T%.Y#0=%05%!E##A!@6.9-..6#0!7/0%2%!

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! P "#\$%&'%(!)*)+!!)*)IS!! e 1; /5!U!Z%/(0%=!60!5;%!7/0=%&69\$!4#00%95%=!:%/9;60<!60!/!:6&%!#8!@6.9#00%956#0\\f!:\%/9;60<!>88\\956\\%0\\..!,3&\Y\\#.6-&\\!,BC!4\\%05\\(!8\\(!8\)\! : %/9;60 <! > F9%22%09%1!? - < -.5!IP!!)*)IS!! D(6%05/56#0M!B##=3!,9;##2M!?-<!II!!4#0\$%0%(!8#(!7(%.%05/56#0!/0=!@6.9-..6#0!#8!B/55;%W!TL!7%5(-.%Ag.!Y/Y%(!eE3!)*)IS!! 1;69;!5;%!4#&&-0653!#8!7(/9569/2!T%/.#0!1#-2=!@%5%(&60%!U5!\$!:;%! ? (6.5#5%26/0!4#0\$%056#0/26.&!/5!5; %!V%/(5!#8!Z6'%(/56\$%!>5; 69.Mf!, #96%53! #8!4;(6.56/0!>5;69.11/0-/(3!G!) $7(\%.\%05\%(\%)!e4;(6.56/0!T\%/26.\&!/0=!5;\%!X2\#'/2!T\#25=(6)0.2(\%060\ 1\ .92\#2)0.2060\ 1\ .92ETQq/0TQqO(6)=(6.56/0!T\%/26.\&!/0=!5;\%!X2\#'/2!T\#25=(6)0.2(\%060\ 1\ .92\#2)0.2060\ 1\ .92ETQq/0TQqO(6)=(6.56/0!T\%/26.\&!/0=!5)$)*)IS!!

I*

! H "#\$%&'%(!)*)+!! !)**)S!!! e4; $(6.56/0!T\%.Y\#0.\%.!5\#!\ 6\#2\%09\%Mf!:;\%!,\#96\%53!8\#(!E-==;6.5!4;(6.56/0!,5-=6\%.M!)$ 7(%NB%560<!/5!5;%!?00-/2!B%560<!#8!5;%!?&%(69/0!?9/=%&3!#8! T%26<6#0N!: #(#05#N!D05/(6#N!"#\$%&'%(!)**) \$!! $e: ; \%! \ #9/56#0!#8!5; \%!4; (6.56/0!V6<; \%(!>=-9/56#0!7(#8\%...6#0/2\)f!4#&&-0653!#8!!$ >=-9/5#(.!T%5(%/5)!B%..6/;!4#22%<%N!7%00.32\$/06/N!?-<-.5!)**)S!!! 7/0%26.5\|!eX\#=!/0=!X2\#'/26\h/56\#0\\f!?00-/2!B\\%560<!\#8!5;\%!,\#96\%53!\#8!4;(6.56\/0!! >5;69.17655.'-(<;17%00.32\$/06/11/0-/(3!))**IS!! $B/<-6(\%!7-'269!Z\%95-(\%)!,\#-5;\%(0!B\%5;\#=6.5!C06\%(.653)!@/22/.\!!:\%F/.\!!$ "#\$%&'%(!)**IS!! e:;/5g.!?22!?!B-2%!4/0!@#\$!T%5;60A60<!1#(A!/0=!`#9/56#0!60!CL,L!4-25-(%)f!

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! "#\$%&'%(

! "#\$%&'%(!)*)

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!
                                                                                                                                                                                                          "#$%&'%(!)*)+!!
 ("(\#"!+\&)/+7'011),"+7'\%2-'04\&"!'+"!8),"'40'4\&"'\%,\%-"(3')
                                         B \% \& '\%(1)!, \#96/2! > 5;69.!/0 = !D(</06h60 < !7(\#)\%95!
)*)J!N!S!!
)*)IN!S!!
                                         B \% \& '\%(M!E\#/(=!\#8!@6(\%95\#(.M!'()\&N),(''<0\$,\&3)D0)P\&)
)*IHN)^S!
                                         B %& '%(N!E#/(=!#8!@6(%95#(.N!:;%!T%60;#2=!"6%'-;(!,#96%53!
                                         ?..#96/5\%! > = 65#(!!'()&N), ("<0$, &3)D0)P!!
)*)IN))S!!
                                         7(%.6=%05\!!; \%!T\%60; \#2=! \"6\%' -; (!, \#96\%53!!
)*IGN))S!
IPOP!N!S!
                                          ,#96%53!#8!4;(6.56/0!>5;69.!!
                                                              B%&'%(N!UO5%(O/56#O/2!,9;#2/(23!T%2/56#O.!4#&&655%%N!)*))N)H!
                    !
                                                              B %&'%(\!\!7(\%.6=\%056/2!4\#&\&655\\%!\#0!4;/(560<!\#-(!d-5-(\%\!)\*I0!!!
                                                              "#&60/560<!4#&&655%%M!B%&'%(N!)*I)oIJ!
                                                             4: \frac{1}{6} \times \frac{1}{7} \times \frac
                                                              B %& '%(M!E#/(=!#8!@6(%95#(.M!IPPPo)**J!
                                                             4;/6(N!T%8#(&60<!T%/26.&!U05%(%.5!X(#-YN!IPPGo)**H!
                                                             4:\frac{6}{1}\#2\%0g.!4/-9-.!IPP+NPH!
                                                             T\%8\%(\%\%!8\#(!'()\&Q22+14\&''.\&,()\&F''70),;\&''.\&/(-0\$,012\&?,(07\$M!IPP+o)***!
                                                              B %& '%(\!\!7(\\#<(\/\&!4\\#\&\&655\\%\\!\!PPO!
                                                              B % & '%(\!!: /.A!d#(9\!\!, 5/0=/(=.!#8!7(#8\!\..6\#0/2!>5;69.\!!IPPGoPO!
IPOG!N!S!
                                         B %& '%(N! ? &%(69/0!?9/=%&3!#8!T%26<6#0!
                                                              B %& '%(M!, 5%%(60<!4#&&655%%N!:; %! 1 %.2%3/0!, 5-=6%.!X(#-YN!)**+oI*!!!!
IPP^N*OS!
                                        E\#/(=!\#8!@6(\%95\#(.M!Y"+-214\&."-\&/(-0\$,012\&'())"4"=0714\&3)\$)1-7(M!?0!>2\%95(\#069!
                                                             [\#-(0/2!60!, 3.5\% \& /569!/0=! B \# (/2!::\% \# 2 \# < 3!086(.5! \# 0N260\%!) \# -(0/2!60!)]
                                                             5; %#2#<3R!4; (6.56/0!:; %#2#<69/2!T%.%/(9;!d%22#W.;6YN!`69%N7(%.6=%05N!
                                                             IPP)o)**I!
                                         B\%\&'\%(M!>=65\#(6/2!?=\$6.\#(3!E\#/(=M!c60<.W\#\#=!E\#\#A.M!?'60<=\#0!7(\%...!)
IPPGN*^S!
)***S!!
                                         4\#0.-25/05M!ed/&623M!B/((6/<\(\)M!/0=!5;\(\)%!7(\(\)#8\(\)..6\(\)#0.\(\)Mf!:;\(\)%!T\(\)26<6\(\)#0\(\)M!/0=!
                                                             d/\&623!7(\#)\%95\%!: \%!C06\%(.653!\#8!4;69/<\#\%!d\%'(-/(3!)Ho)G!
IPP^S!!
                                          1 \#(2=! B \%5; \#=6.5! V6.5 \#(69/2!, \#96\%53 \%! B \%\&'\%(!/0=!, \%\&60/(!4\#0\$\%0\%)!
IPP^S!!
                                          1 \#(2=! B \%5; \#=6.5! 4 \#08\%(\%09\%)! @\%2\% < /5\%! / 0=! X(\#-Y!Z\%/=\%)!
IPP^S!!
                                          1 \# \& \% \circ g.! 4 / -9 - .! \# 8!5; \%! \circ C065\% = ! B \% 5; \# = 6.5! 4; -(9; M! B \% \& '\% (!/0 = ! 1 (65\% !)) 
IPPHS!!
                                         4#0.-25/05N! 1 %.2%3/0!V%(65/<%!, %(6%. N!CO65%=! B %5; #=6.5!7 - '26.; 60<!V#-.%N!
                                                              ? '60<=#0!7(%...!! " /.;$622\|!:\|00\|..\|\!!
IPPJNPHS!
                                         B%&'%(M!E#/(=!#8!>5;69.M!:%F/.!D.5%#Y/5;69!V#.Y65/2M!d#(5! 1 #(5;!!
IPP+S!!
                                         4#0.-25/05M!E%26%$%(.!:;%#2#<3!,%(6%.M!C065%=!B%5;#=6.5!7-'26.;60<!V#-.%N!
                                                              ? '60<=#0!7(%...M!"/.;$622%M!:%00%...%%!
                                          1 #(A60<!X(#-Y)!!>-(#Y)%/0\" #(5;!? &\(69/0!d\) &606.5!4;(6.56/0!:;\%#2#<3\!!!
IPPJNP+S!
                                                              : w'60 < \%0!X\%(&/03!
IPPJS!!
                                        >-(#Y%/0!, #96%53!#8! 1 #&%0!60!:;%#2#<69/2!T%.%/(9;\\!Z#-$/60\\!E\\2<6-&\\!!
                                                             T\%<6.5\%(\%=!X-\%.5!
IPOIS!!!
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                                                                             !
                                                                                                                               "#$%&'%(!)*)+!!
!
)**IN*)S!
                          7%(A60.!@%/0!,%/(9;!4#&&655%%!
)**IN*)S!
                          4;/6(Y\%(.#0)!X\%0=\%()!T/96/2)!>5;069!4#09\%(0.!4#&&655\%)!
)**IN*)S!
                          "#&60/56#0.!4#&&655%%!
                      ! V6.5#(69/2!:;%#2#<3!,%/(9;!4#&&655%%!!
)***N*IS!
)***N*IS!
                      ! ,3.5%&/569!:;%#2#<3!,%/(9;!4#&&655%%!!
)***N*IS!
                          ?9/=\%69!7(#<(/&.!4#&&655\%!
F(4)7, (49)-\#02\$\&C(7,+-)\$\&(9-)\$(2,1,0"2\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7"2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,\$\&(7'2,02+02=\&?<+71,0"2\&?D(2,0)=-12,0")
)*)J$!!!
                          T\%.Y\#0=\%05\%!T\%$6\%W!\#8!'()\&*+,+-)\&''.\&/(-0\$,012&3)140\$55!62,)-21,0"214\&/"2.407,8\&
                                       9"40,0714&:)71;8&12<&,()&/-0$0$&".&:)5"7-17;&Q9#N%=65%=!W65;!@/22/.!
                                      X60<2%.RM!7%(A60.!d/9-253!E##A!4%2%'(/56#OM!"#$%&'%(!^!!
)*)JS!!!
                          7/0\%26.5\%!7\%(A60.1d/22!d/9-253!4\#08\%(\%09\%)!" \%W!4-((69-2-&!/0=!B\#=/2656\%).
                                       ,%Y5%&'%(!G!
)*)JS!!
                         T%. Y#O=%05\!T\$6\\W!#8!'()\&3"+,4\<=)\&/"5>120"2\&."\&/(-0\$,012\&?,(07\$!09\#\\=65\\=!
                                      W65;!,5%$%!Z#0<RN!7%(A60.!d/9-253!E##A!4%2%'(/56#0N!B/(9;!^!!
)*)IS!!!
                          4\#\&\&6..6\#060 < !B\#9A!U05\%(\$6\%W.)![/0-/(3!))!
)*)*S!!
                          4#0$%0%(N!4-((69-2-&!T%$6%WN!d/9-253!/.!X-62=M!D95#'%(!IP!!
                          7(\%.\%05\%(!/0=!4\#0\$\%0\%(!!4-((69-2-\&!T\%\$6\%W!7(\%.\%05/56\#0!8\#(!d/22!d/9-253!))))
)*)*S!!
                                       4#08%(%09%M!, %Y5%&'%(!II!
)*)*S!!
                          7(%.%05/56#0!#0!7(6.9622/!7#Y%NZ%$6.#0M!N "<)4$&".&?D12=)40$5M!7%(A60.!d/9-253!!
                                      E##A!4%2%'(/56#ON!"#$%&'%(!)!
)*)*S!!
                          B606.5(3!Z%<6.2/56#0!'%8#(%!5;%!)*)*!C065%=!B%5;#=6.5!X%0%(/2!4#08%(%09%)!
                                       7(\%.\%05/56\#0!8\#(!4V?7!04\#\&\&-0653!V\#-(!/5!7\%(A60.RM!W65;!B/F!))
                                        1;6586%2=M!?Y(62!)I!!
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!
                                                                                                                               "#$%&'%(!)*)+!!
)*IJS!!
                         7/(5696Y/05M!4#0.-25/56#0!'\%5W\%0!4#2-&'6/0!9;-(9;!2\%/=\%(.M!:;\%!4\%05\%(!8#(!...)))
                                      Z/560\#/!, 5-=6%. M!/0=!:; M!X\%0\%(/2!E\#/(=!\#8!V6<; \%(!>=-9/56\#0!/0=!)
                                       B 606.5(311D95# '%(!)PNJ I!
)*IJ$!!!
                          7(%.6=%(!/O=! 1 #(.;6Y!Z%/=%(N!7%(A6O.!, Y6(65-/2!d#(&/56#O!T%5(%/5M!, %Y5%&'%(!I+!!
)*IJ$!!!
                        e:;%!U082-%09%!#8!C(.-2/!"6%'-;(!#0!5;%!1#(A!#8!T%60;#2=!"6%'-;(\!f!
                                      7(%.%05/56#0!8#(!@%/Og.!T#-0=5/'2%N!,%Y5%&'%(!II!
                       eZ6$60<!5; %!d/65; !#0!/!76(/5%!,;6YS!:; %!B606.5%(!/0=!7#26569.\text{Mf!:; \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\tint{\text{\text{\tint{\text{\text{\tinte\text{\text{\tint{\tint{\text{\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\text{\text{\tint{\text{\text{\text{\text{\text{\tint{\text{\tint{\text{\tint{\text{\tint{\text{\tint{\tint{\tint{\text{\text{\tint{\text{\tint{\tint{\tint{\text{\tint{\tint{\text{\tint{\text{\tint{\text{\tint{\tint{\tint{\tint{\tint{\tint{\text{\tint{\text{\text{\tin\text{\text{\text{\text{\tini\text{\tint{\tint{\tinit{\text{\tinit{\text{\text{\text{\tinit{\tinit{\text{\tinit{\text{\tinit{\text{\tinit{\text{\text{\text{\tinit{\text{\tinit{\tinit{\tinit{\text{\tinit{\text{\tinit{\text{\tinit{\text{\tinit{\tinit{\tinit{\tert{\tinit{\tinit{\text{\tinit{\tinit{\tinit{\tinit{\tiit{\tiin\tiit{\tiin\tinit{\tiin\tinit{\tiin\tinit{\tiit{\tiin\tinit{\
)*IJ$!!!
                                      Z%95-(%N!B606.5%(.!1 %%AN!7%(A60.!,9;##2!#8!:;%#2#<3N!,#-5;%(0!
                                      B\%5; \#=6.5!C06\%(.653)!d\%'(-/(3!)
)*I)$!!!
                        7(%/9;%(!/0=!7(%.6=%(!/5!:/'2%)!7%(A6O.!4;/Y%2)!,%Y5%&'%(!IP!!
)*I)S!!
                        7(\%.\%05/56\#0!\#0!: ;\%\#2\#<69/2!>=-9/56\#0!/0=!5;\%!C065\%=!B\%5;\#=6.5!4;-(9;\%!d/22!)
                                      d/9-253!T%5(%/5M!, %Y5%&'%(!!
)*I)$!!
                         7(%.%05/56#0!#0!C065%=!B%5;#=6.5!X%0%(/2!4#08%(%09%!U..-%.M!7%(A60.!>F%9-56$%!
                                      E\#/(=M!B/(9;!)I!
                        egE-5!B3!"/&%!U.Og5!#0!?O3!#8!5;%!E##A.g$!C(.-2/!/O=!T%60;#2=!"6%'-;(!/.!
)*IIS!!
                                       :: %#2#<69/2!4#22/'#(/5#(.\\f!7\)(A60.!\d/9-253!\Z-09:\\\!@\\9\&'\\(!\H!!)
)*II$!!
                         T%.Y#0=%05!5#!7/Y%(!'3!c/(%0!E/A%(Nd2%59;%(N!7%(A60.!d/9-253!, 3&Y#.6-&N!
                                       "#$%&'%(!I+!
)*IIS!!!
                          d/96265/5#(M!eZ6.5%060<!8#(!D-(!4#&&#0!B6..6#0$!:;%!4;-(9;!/0=!:;%#2#<69/2!
                                      >=-9/56#0!/5!7%(A60.Mf!B%%560<!#8!E6.;#Y.!/0=!D5;%(!4#08%(%09%!Z%/=%(.!
                                      \#8!5;\%!,\#-5;!4\%05(/2![-(6.=6956\#0!\#8!5;\%!C065\%=!B\%5;\#=6.5!4;-(9;\%!
                                      D95#'%(!IG!
)*IIS!!!
                         eB/A60<!X##=!C.%!#8!X(6%8\\f!7(%.%05/56\#0!8\#(!@%/Og.!T\#-0=5/'2\\\!"\#$\&'\(!P!
)*IIS!!!
                          7(%.%05/56#0!#0!C065%=!B%5;#=6.5!X%0%(/2!4#08%(%09%!U..-%.M!7%(A60.!?2-&06!
                                       4#-0962N!, %Y5%&'%(!)O!
)*IIS!!!
                          7(%.%05/56#0!#0!7%(A60.!?..%..&%05!7(#9%..!/0=!:;%#2#<3!4(%=#.M!d/22!d/9-253!
                                      T\%5(\%/5)!, %Y5%&'\%(!I*!!
                          d/9-253!>F/&60%(\!!D(/2!>F/&.!8#(!5;\%!7/.5\#(/2!4/(\%!4\%(56869/5\\)\!?Y(62!)G!!
)*IIS!!
)*II$!!!
                          7(\%.6=\%(M!>-9;/(6.5M!7\%(A60.!4;/Y\%2!1#(.;6Y!,\%(\$69\%M!?Y(62!I+!!
)*IIS!!
                          B #=\%(/5\#(M!7/0\%2!\#0!1/(!/0=!7\%/9\%!U..-\%.M!X(/0!,5/...\%0!/0=!7;62!1\#</&/0M!
                                       B 606.5%(.! 1 %%AM!d% '(-/(3!0!
)*I*$!!!
                          7(\%.6=\%(M!>-9;/(6.5M!7\%(A60.!4;/Y\%2!1 #(.;6Y!,\%($69\)M!" #\$\&'\$(!IO!)
)*I*$!!
                          IP!"!4%05-(3!V#260%..!1#&%0M!UO.6=%!7%(A6O.!>$%05!8#(!7(#.Y%956$%!,5-=%05.\!!
                                       "#$%&'%(!+!!
)*I*S!!!
                         d/9-253!>F/\&60\%(N!D(/2!>F/\&.!8\#(!5;\%!7/.5\#(/2!4/(\%!4\%(56869/5\%N!?Y(62!)G!!))))
)*I*S!!!
                          7%(A60.!4;/Y%2!,%(&#0\)!?Y(62!!
)*I*$!!
                         d/9-253!>F/&60%(\!\D(\/2!>F/\&.\!\8#(\!5;\%\!7\\.5#(\/2\!4\/(\%\!4\%(56869\/5\\\)\!?Y(62\!)^\!
)*I*S!!
                       e?'(/;/&!Z609#20g.!T%26<6#-.!D=3..%3\\f!7/0\%26.5\\T\%.Y\#0=\%05\!5\\#!7/Y\\(!'3\!\T\#0\!
                                       1;65\|\!,\#-5;\|\(0!B\|\5;\#=6.5!C06\|\(.653\|\!d\'\)\'\(-/(3!I)\!\!
)*I*S!!!
                         ed60=60<!/!X##=!d65S!>$#2-56#0N!V-&/0!"/5-(%!/0=!B6.&/59;!:;%#(3)f!
                                       1 \# \% \text{ Og.}! \text{ Z}\% 95 - (\% \text{ N}! 7\% (A60.! \text{ B} 606.5\% (.! 1 \% \text{ A} \text{ N}! \text{ d}\% '(-/(3!)!
)*I*$!!!
                         e>$#2-56#0/(3!B6.&/59;!:;%#(3\\f! 1 \#(A.;\#\Y\\!7\%(A60.!\B606.5\%(.\g! 1 \\%\A\\!
                                      d\%'(-/(3!)!
)*I*S!!
                         e:;%#(3!/0=!7(/9569%!#8!>5;69.!60!4;-(9;!/0=!4#&&-0653\\f\:7(\%.\%05/56\)#0!\\65;!
                                      >5;69.!4#22%/<-%.!8#(!7%(A60.!>F%9-56$%!E#/(=M!D95#'%(!I+!!
                         ed60=60<!5;%!7/9%!#8!"/5-(%8!>$#2-56#0/(3!B6.&/59;!:;%#(3!/0=!:;%#2#<69/2!
)**P$!!!!
                                      >=-9/56\#0Mf!7\%(A60.!d/9-253!Z-09;\%\#0!Z\%95-(\%M!D95\#'\%(!H!)
)**P$!!!
                          ?2/.A/!7%(A60.!,9;##2!8#(!Z/653M!,%Y5%&'%(!
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| ! | | ! "#\$%&'%(!)*)+!! |) J |
|--------|-----------------|---|-----|
| ! ! | | | |
|)*)*! | N) J S!! | B%%'%(M!:32%(!1#%/9AM!Q&/412=02=&F5H''4%'()''4''=;&C12=+1=)&12<&N''2);M! | |
| | | ,-99%8-2!@%8%O.%M!?Y(62!)+M!)*)J! | |
|)*IPN | () J S!! | B%&'%(M!E(6/0!42/(AM!'"P1-<&1&9-",)\$,12,&N"-14&'()"4"=;&".&,()&/"55+20"2& | |
| | | ". $4F102$, \$% G "P&, () $4F102$, \$ $4Q0$ < $4N$ "-14&'($02\#02$ =M!, -99%8-2!@%8%0.%M!? Y(62! | |
| | |)^\!)*)J₫ | |
|)*)IS | !! ! | B % & '%(N! ? O=(%W! B %(9%(N! ?774)\$014&V20,; &02&/; -04&". &Q4)R12<-01!Q[#60%=!5;%! | |
| | | =6%(5/56#0!9#&&655%%!-Y#0!5;%!=%/5;!#8! 1 6226/&!?'(/;/&R! | |
| ! | ! | ! ,-99%8-2!@%8%O.%M!@%9%&'%(!IOM!)*)I! | |
|)*ION | () IS!! | B % & '%(N! ? '6 62! 1 ##22%3!4 - 55%(N!<math Q&3)2) P)<&/(-0\$,012& F 1HH1,(&& Q .,)-& | |
| | | /(-0\$,)2<"5&12<&Q.,)-&F+>)-\$)\$0"20\$5! | |
| ! | ! | ! , $-99\%8-2!@\%8\%0.\%M!?Y(62!)JM!)*)I!!$ | |
|)*ION | () IS!! | B % & '%(N![560!E/((60<%(N!9-",)\$,&12<&9"40,07\$%&Q&!0"=-1>(0714&'()"4"=;&".& | |
| | | *-0)2<\$(0>8&/(1-0,;&12<&?7"2"507&Y+\$,07)!! | |
| ! | ! | (9%8%0.%!?Y(62!))%!)*)I! | |

| ! | ! | "#\$%&'%(!)*)+!! |)^[|
|-------------|--|---------------------------------------|-----|
| ! | | | |
|)**HN*O\$!! | `69%N4;/6(\!!4#&&66#0!#0!:;\%#2#<69/2!>=- | 9/56#ON!:;%!CO6\$%(.653!,%O/5%!! | |
|)**HN*O\$! | B %& '%(\!\C06\\$%(.653!,\%0/5\%!\#8!5;\%!\C065\%=!\B\%X\00\%(\/2!4\#08\%(\\09\%!\#8!5;\%!\C065\%=!\B\% | | |
|)**JN*O\$!! | B %&'%(\!\!\!\!\!\!\!\!\!\!\!\!\ \!\ \!\!\!\!\ | | |
|)**+\$!! | 42%(<3!@%2% 5\\\!X\\%0\\(/2!/0=![-(6.=6956\\\%0/2!4<br 4;-(9;\\!>2\\%95\\\=!'3!5;\\\!92\\(<3!\\\\815;\\! | 1#08%(%09%.!#8!5;%!C065%=!B%5;#=6.5! | |
|)**+\$!! | `69%N4;/6(M!Z%<6.2/56\$%!4#&&655%%!#0!V6<;% X%0%(/2!4#08%(%09%!#8!5;%!C065%=!B% | | |
|)**+\$!!! | 4#N4;/6(\(\)!, -'\N4#&&655\(\)!8#(!>2=\(\)(.\(\)!Z\(\)<6.2/ >=-9/56#0!/0=!B606.5(3\(\)!:;\(\)!X\(\)0\(\)(/2\(\)4:-(9:!! | , | |
|)**+\$!!! | d2##(!B/0/<%(!8#(!1#&%0g.!Z%/=%(.;6Y!:%/ 4#08%(%09%!!! | &M!, #-5;!4%O5(/2![-(6.=6956#O/2! | |
| IPPGNPP\$!! | 4#0\$%0%(!/0=!D(06h%(\)! x -/(5%(23!4#025/5)<br 42%(<3\)#&%0!60!5;%!4%05(/2!:\%F/.!4 | · · · · · · · · · · · · · · · · · · · | |
| IPPGS!!! | B %& '%(M!C065%=! B %5; #=6.5!4#&&66#0!#0!\\delta 4; -(9;!/0=!, #96%53M! 1 /.;60<5#0M!@L4 | X%0%569!,96%09%\\!X%0%(/2!E#/(=!#8! | |
| IPP^\$! ! | @%2% 5\%!,&/22!X(#-Y!Z\%/=\%(\\!/0=!,\\&60/(!</td <td></td> <td></td> | | |
| !!! | ! 1 #(2=! B %5; #=6.5! 4 #08%(%09%\\!\T6#!=%! | [/O%6(#M!E(/h62M!?-<5!! | |
| IPP+\$!! | >2=%(g.!D(=60/56#0!60!5;%!Z6552%!T#9A!4#08%(% | | |
| IPOPNP)\$! | B %& '%(\!\C065\%=!\B\%5;\#=6.5!\X\%0\%(\/2!4\#08\%(\%0\) 1 \ / .;\60<5\#0\!\@\L4L!! | 09%!:/.A!d#(9%!#0!X%0%569!,96%09%M! | |
| IPOONP) S! | B%%'%(M!E#/(=!#8!@6(%95#(.M!C065%=!B%5;#=0.00000000000000000000000000000000000 | 5.5!X%0%(/2!E#/(=!#8!4;-(9;!/0=! | |