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!"#\$%&'()\*+,-./0123456789

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#\$ %&'()\*+,-.136978:;!.

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:D:3B:2=<:7\$!H:!!-7763:!.8:!P0-3;!.8-.-; ;<.<02-1! ;:.-<17!O06!;!P:;! ;<77:D<2-..!N<-!:D-<!  
 001100<2B! .8:! D:..<2B4! -1100<2B! 003! -! D03:!=0DC3:8:27<N:!!62; :37.-2;<2B! 00! .8:!!<776:7!  
 ;<7=677:;!<2! .8:!!&=-; ;D<=!9:2-..!7:77<02\$! C##D#?#\$## -; ;3:77:7! .8:!!&=-; ;D<=!9:2-..!^7!  
 .3- $\bar{K}$ :=.03I!3:B-3;<2B! .8:!!3:7016.<024! -=>2001: ;B<2B! .8:!!7<B2<Q<=-2=!0Q! .8:!! ;<7=677<027\$!H:!  
 8<B81<B8.7! .8:!!2: ;!003!=011-P03-.<02!P: .O: :2!&9#!&=-; ;D<=!9:2-..!4!-2; !-; D<2<7.3-.<02!.0!  
 <DC30N:!:D:3B:2=I!3:7C027: !C30.0=0174! =<.<2B!C1-27!.0!<2N<.:! (0D!Z002!Q30D!F=-<1<.<:7!.0!-!  
 Q6.63:!!J0-3; !0Q!+<3:!.037!D:..<2B!Q03!<2C6.\$!F63.8:34!8:!!-; N0=-.:7!Q03!&9#!.0!3: D-<2!2:6.3-1!  
 <2!.8: !N0.:!0Q!20!=02Q<; :2=:!0!-N0<; !7.3-<2<2B!3:1-.<0278<C7!O<.8!Q=-6!.I!-2; !-; D<2<7.3-.<02\$!

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.0!- ; ;3:77!8067<2B!-Q003; -P<k.I!-2;!8:!=0DC!G<.7!k2N0!N: ; !<2!Q<2; <2B!7016.<0274!k2=16; <2B!  
=027<; ;3-.<027!0Q!Q<2-2=<-! !-<; !-2;!C:3702-!<2=0D:\$!C##D#?##\$#!8<B8!k<B8.7!.8:!!%-!E3-2.!!  
3:Q03D!O03>780C!.8-!Q0=67: ; !02!.8:!!GC-27<02!0Q!Q<2-2=<-! !-<; !:!k<B<P<k.I!.0!-!P30- ; ;3!3-2B:!  
0Q!7.6; ;2.74!:!k<D<2-.<2B!-B: !3:7.3<=.<027!-2; !0.8:3!P-33<:37\$!H00:N:34!8: !20.:7!.8-!.8: !3:Q03D!  
;0:7!20.!- ; ;3:77!.8:!=07.!0Q!k<N<2B!-2; !0N:3-!1!=07.!0Q!-...:2; -2=:4!O8<=8!8-7!k<DC!k<-.<027!Q03!  
7.6; ;2.7! !>: !8<D!-2; !U##L\*?)V4!O80!8-N: !7: :2!.8: <3!Q<2-2=<-! !-<; !-0Q:=. : ; ;6:!.0!.8: <3!30! :7!  
-7!\* &7!-2; !<2N0!N:D:2.!<2!7.6; ;2.!B0N:32D:2.\$!&! =0DD02!k<776: !3-<7: ; !O-7!.8: !!077!0Q!.8:!  
D<; ;!A=1-77!7=80!-378<C!Q03!70D: !\* &7\$!H: !:DC8-7<@:7!.8: !k<DC03.-2=:!0Q!k2=16; <2B!.8: !=07.!!  
0Q!k<N<2B!-2; !0N:3-!1!=07.!0Q!-...:2; -2=:!<2!.8: !3:Q03D!; <7=677<027\$!H: !:GC3:77:7!k2.:2.<027!0!  
Q63.8:3! :2B-B: !O<.8! -77:DP!I! D:DP:37! .0! -; N0=-. :! Q03! .8:7: ! =027<; ;3-.<027! <2! Q6.63:!  
; <7=677<027! 02! % -! E3-2. !3:Q03D\$! U##L\*?)V! K0><2B!I! D:2.<027!.8-!.8: !7C<3<.! =0DC: .<. <02!  
7: :D: ; !3<BB: ; \$!98: !:GC3:77:7!7- .<7Q=-. <02!O<.8! .8: !: -D^7!C:3Q03D-2=:4!8<B8!k<B8.<2B!.8: <3!  
=003; <2-. : ; !62<Q03D74! ; ;7<B2: ; !PI! ; ## (\*=#==#! O8<=8! <2=16; ; ; !8-.74!B1-77:74! -2; !COD!  
COD7\$! ] 8<! :9-!9-. : !6!<D-. : !I!O02!O<.8! -! =803:0B3-C8: ; ; !-2=:!306.<2:4!78: !3:D-3>!8-!  
.8: <3! : -D!Q: !. !!>: !O<22:37!<2!.8: <3!8: -3.\$!98: !.8: 2!P3<:Q7!-P06!.8: !7=8: ; 6! :!02! ? 02; -I^7!  
!0PPI<2B!- =.<N<. <:7\$!98: !78-3:7!.8-!.8: I!O:3: !62-P1: !.0!N<7<!.8: !9-. : !% -C<.0! ; <3:=.1I! -2; !  
<27.: -; !D: !.O<.8!7. -QQ!- !-!2: -3PI!P6<! ; <2B\$! (806B8! ; <7-CC0<2.: ; !20.!0!D: : !O<.8!9:2- .037!  
03! &77:DP!I! ? :DP:374! .8: I! ; <7=677: ; !N-3<067! 1:B<7!- .<N: !D-...:374! <2=16; <2B! % -! E3-2.!!  
\* :Q03D4! .8: !80203<2B! .8: !%0DC=-. ! J<!14! -2; !-2! #2Q3-7.36=.63: ! J<!1!3:1-...: !.0! : ; 6=-.<02!  
Q-=<k.I!P02; 7\$! +:7C<.: !.8: !-P7:2=:!0Q! ; <3:=. !D: : .<2B7!O<.8! ' :B<7!- .0374!78: !; 0=6D:2.: ; !.8: !  
7=8: ; 6! : ; !-CC0<2.D:2.7!O<.8!&77:DP!I! ? :DP:37!-2; !9:2- .0374! =1-3<QI<2B!.8-!.8: I!8- ; !D: !  
O<.8! .8: <3!7. -QQ!<27.: -; \$! (8: !; -I! =02=16; ; ; !: -3!I!- !V\ST!Z ? !-Q.:3!-!7:3<:7!0Q!P-=>A.OAP-=>!  
D: : .<2B74!C30N<; <2B!-!3:7C<.: !Q03!.8: D! =0DC-3; ; !.0!0.8:37!O80! ; :C-3.: ; !!-...:3!<2!.8: !; -I\$!C##  
D#?##\$#!7.-.:7!.8-!.8: ; 63<2B!-!D: : .<2B!O<.8!E-N<2! / :O70D^7!H<B8:3! ; ; !. : -D4!.8: I! ; <7=677: ; !  
.8: !2: : ; !Q03!-!D-7:3!C1-2!Q03!8<B8:3! ; ; 6=-.<024!-2!<2<.-. <N: !20.!3:N<7<.: ; !7<2=:!.8: !" j dT7!03!  
UT7\$! J :24! -!H-3N-3; ! ' -O!B3- ; 6-. : !3:C3:7:2.<2B!.8: !. : -D4! :DC8-7<@: ; !.8: !63B:2=I!0Q!.8<7!  
C1-2\$! C##D#?##\$#! 7.-.:7!.8-!.8: !7.3:77: ; !.8: !<DC03.-2=:! 0Q! :2763<2B! : `6-! ! ; ; 6=-.<02-! !



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! K& ! 1, +2\* /!3-<7:7!.O0!<DC03.-2.!<776:7\$!F<37.II4!3:B-3;<2B!8:!&=- ;:D<=!9:2-.:4!8:!8<B8!<B8.7!.8:!  
9:=02;!9.-3.!C30B3-D4!-!Q063AI:-3!C<10.!<2<<-.<N:!--110O<2B!<2;<N<;6-17!O80!1:Q.!%-!19.-.:!, -7.!J -I!