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 E#)!1.1)62B/-9!2B1!&1;())201-2!B(\*!&#-1!2#!1-\*)!1!2B1/)!\*2@&1-2\*!' /33!, 1!\*@551\*\*E@3!@;#-!  
 9)(&@(2/#-F!G#)1!\*;15/E/5(336H!?! ' #@3&!3/A1!2#!2B(-A!4)#E1\*\*#!4121)!D)1/1)!(-&!4)#E1\*\*#!I1.(!  
 J#&-6(-\*A6F!KB(-A!6#@H!4)#E1\*\*#!)J#-&6(-\*A6!E#)!6#@)!B13;!(-&!9@/&(-51!#.1)!2B1!;(\*2!2'#!  
 \*101\*21)\*F! : &&/2/#-(336H!2B(-A!6#@!2#!4)#E1\*\*#!)D)1/1)!E#)!(33!#E!2B1!(&./51!(-&!A-# ' 31&91!6#@!  
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L/- (336H!?! ' #@3&!(3\*#!3/A1!2#!2B(-A!(33!#E!06!E)/1-&\*H!06!\*/21)H!M)6-!(-&!06!;())1-2\*H!K#0!  
 (-&!N(@)1-H!' B#!;)#./&1&!01!' /2B!(33!#E!2B1!\*@; ;#)2H!1-5#@)(9101-2!(-&!;#\*/2./26!-151\*\*()6!E#)!  
 01!2#!\*@551\*\*E@336!5#0 ;3121!06!I1-/#)!8#0 ;)1B1-\*/.1!4)#0152!(-&!06!2/01!(2!755/&1-2(3!  
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;@,3/5!B1(32B!5#-51)-!2B1!87Q?DP>R!;(-&10/5!B(\*!1S(51),(21&F! : \*!#E!T(-@()6!>U2BH!<=<>H!  
+ -/21&!I2(21\*!E1&1)(3!(-&!\*2(21!/-0(21\*!1S;1)/1-51&!5#-E/)01&!)(21\*!#E!87Q?DP>R!2B(2!'1)1!  
(30#\*2!E#@)!2/O1\*!2B1!)(21!5(35@3(21&!E#)!2B1!+-/21&!I2(21\*!91-1)(3!;#;@3(2/#-F!KB/\*!\*2@&6!  
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KB/\*!2@&6!/-21-&1&!2#!/&1-2/E6!' B/5B!5B( )521)/\*2/5\*!#E!E1&1)(3!(-&!\*2(21!5#))152/#-(3! E(5/3/2/1\*!/-!2B1!+ -/21&!I2(21\*( )1!(\*\*#5/(21&! ' /2B!B( ./-9!c!-#2!B( ./-9!B/9B1!))(21\*!#E!8 7 Q?DP>RF! Y# ' 1.1)H!2#!@-&1)\*2(-&!2B1!&6-(0/5\*!#E!2B1!E1&1)(3!(-&!\*2(21!;)/\*#-!\*6\*210\*!(-&!2B1/)! )13(2/#-\*B/;! ' /2B!/-E152/#@\*!&\*/1(\*!H!/2!/\*!1\*\*1-2/(3!2#B(.1!A-# ' 31&91!)19( )&/-9!2B1!. ( )/#@\*! 26;1\*!(-&!31.13\*!#E!5#))152/#-(3!E(5/3/2/1\*H!B# ' !2B16!( )1!E@-&1&H!(-&!/-0 (21!(551\*\*!2#B1(32B!5( )1F! KB@\*H!2B/\*!152/#-! /33!;)#./&1!/-E#)0 (2/#-!#-!2B1!\*2)@52@)1!(-&!#)9(-/[2/#-!#E!\*2(21!(-&!E1&1)(3! 5#))152/#-(3!E(5/3/2/1\*!/-!2B1!+ -/21&!I2(21\*F!

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 /-5()51)(2/#- !#E!E13#- \*!JKD8TH!<=>R`F!I2(21!5#))152/#- (3! , @&912\*!(3\*#!/- 53@&1!\*; 1- &/-9!#- !E##&H!  
 53#2B1\*H!1&@5(2/#-H! ' #)A!(-&!13/9/#@\*!; )#9)( 0 \*H!(-&!0 1&5(3!5()1!E#)!2B1/)!/- 0 (21!; #; @3(2/#-F!  
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 2B1!>RV=\*! ]%/\*1- !^!\_)( ' 1)2!^ !12F!(3FH!<=>`F!KB/\*!\*@)91!/- !/- 0 (21\*!#)!0 (\*\*!/-5()51)(2/#- !/\*!(  
 , 6; )#&@52!#E! : 0 1)/5(C\*!g a ()!7 -!&)@9\*H!(-&!gK#@9B!#-!8)/0 1h!5( 0 ; (/9- \*! ]%/\*1- !^!\_)( ' 1)2!12F!  
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 T(-@()6!<=>ZH!M7 4!; )/\*#- \*! ' 1)1!(2!>>W 1 !#E!2B1/)!&1\*/9-!5( ; (5/26!JM)#- \*#- !^!8() \*#- H!<=>R`F!!

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 # . 1)5)# ' &1&!(2!>\ VFZ!; 1)51-2!#E!5( ; (5/26!JM)#- \*#- !^!8() \*#- H!<=>R`F!e 1 ' !G1S/5#!\*2(21!; )/\*#- \*!  
 ' 1)1!2B1!31(\*2!5)# ' &1&!(2!UVFW!; 1)51-2!5( ; (5/26!JM)#- \*#- !^!8() \*#- H!<=>R`F!KB1!( . 1)(91!; 1)51-2!  
 5( ; (5/26!(5)##\*!2B1!WZ!\*2(21!5#))152/#- !&1; )2)0 1-2\*!2B(2!)1 ; #)21&! ' (\*!>=XF=X!JM)#- \*#- !^!8() \*#- H!  
 <=>R`F!KB1\*1!- @ 0 , 1)\*!#- 36!/- 53@&1!; )/\*#- \*!@- &1)!0@)/\*&/52/#- !#E!\*2(21\*F!!







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WF LG 8!D1.1- \*H!G (\*\* (5B@\*122\*!  
UF LG 8!M@2-1)H!e #)2B!8 ()#3/- (!  
\F LG 8!8 ()\* ' 133H!K1S (\*!

!  
KB1!E1&1)(3!5#))152/#- (3!\*6\*21 O !B(\*!O (-&(21&!B1(32B!5()1!9@/&13/- 1\*!2B(2! O @\*2!, 1!

E#33# ' 1&!, 6!(33!E1&1)(3!5#))152/#- (3!E(5/3/2/1\*F! : &&/2/#- (336H!2B1!M7 4!\*@991\*2\*!2B(2!(33!E1&1)(3!

E(5/3/2/1\*!B( . 1!B1(32B!5()1!( &O /-/\*2)(2#)\*c O (- (91)\*c&/)152#)\*F!KB1\*1!1 O ;#3#611\*(!)1!/ O ;#)2(- 2!( \*!

2B16!(!)1!)1\* ;#-\*/ , 31!E#)!2B1\* O ##2B!&13/ . 1)6!#E!B1(32B!5()1! ' /2B/- !2B1!E(5/3/2/1\*!(-&!E#)!

&1. 13#; /-9!2B1!B1(32B! ;#3/56!(-&! ;)#51&@)1\*!#E!2B1!E(5/3/2/1\*F!!

!

"#S"!T&)\*;B!J )(&! , /!>);&!+( , - . /-!!

I2(21!5#))152/#- (3!1-2/2/1\*!()1!)1\* ;#-\*/ , 31!E#)! ;)# . /&/-9!2B1/)!/- O (21\*! ' /2B!( &1b@(21!B1(32B!

5()1F!% (5B!\*2(21!B(\*!( \*1 ; ) (21!\*12!#E!B1(32B!5()1!&13/ . 1)6!9@/&13/- 1\*!2B(2!2B1/)!E(5/3/2/1\*! O @\*2!

E#33# ' F!KB1!9@/&13/- 1\*!()1!\*/ O /3()!2#!2B(2!#E!2B1!M7 4H!(-&!2B1!D1 ; )2O 1-2!#E!T@\*2/51!\*@991\*2\*!2B(2!

2B1\*1!E(5/3/2/1\*!(3\*#!B( . 1!B1(32B!5()1!( &O /-/\*2)(2#)\*c O (- (91)\*c&/)152#)\*!2#!1- \*@)1\* O ##2B!&13/ . 1)6!

(-&!(!B1(32B6!/- O (21! ;# ;@3(2/#-F!KB1! O (0#)/26!#E!B1(32B!5()1!\*1) . /51\*! ;)# . /&1&2#!\*2(21!/- O (21\*!

()1!&13/ . 1)1&!#-\*/21!] -F(FH!4% a !8B()/2( , 31!K)@\*2\*H!<=>Z^F!I2(21!5#))152/#- !1-2/2/1\*!@\*1!#- 1!#E!E#@)!

O #&13\*!2#! ;)# . /&1!#-\*/215()1!2#!/- O (21\*F!KB1! . ()/#@\*! O #&13\*!()1!#@23/- 1&!/- !K( , 31!WF!7 . 1)!U=!

;1)51-2!#E!\*2(21\*!@\*1!D/152!#)!8#-2)(521&! O #&13\*!2#! ;)# . /&1!/- O (21\*! ' /2B!#-\*/21!B1(32B!\*1) . /51\*!

] -F(FH!4% a !8B()/2( , 31!K)@\*2\*H!<=>Z^F!!

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G#&13!!	D1E/-/2/#-!
D/)152!G#&13!	83/-/5/(-*( -&!&#52#)*!1 O ;3#61&! , 6!2B1!*2(21! 5#))152/#- *!&1 ; )2O 1-2! ;)# . /&1! O #*2H!/E! -#2!(33! #-*/21!B1(32B!*1) . /51*!!!
8#-2)(521&!G#&13!	4)/ . (2136!1 O ;3#61&!53/-/5/(-*( -&!&#52#)*! E)# O !#- 1!#)! O #)1!5# O ;(-/1*!&13/ . 1)! O #*2H!/E!

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-#2!(33!#-\*/21!B1(32B!\*1)./51\*!

>V!

B1(32B!5()1F!KB1!0@&9!13(21!)@31&!2B(2! : 3( , ( O (!\*2(21!/- O (21!(551\*\*!2#! O 1-2(3!B1(32B!5()1! ' (\*!  
gB#))1- &#\*36!/- (&1b@(21h!J]N6O (-H!<=<=<`F!?- !2B1!\*( O 1!61()H!K1S(\*!/- O (21\*!E/31&!\*@/2!(9(/- \*2!2B1!  
K1S(\*!D1; )2O 1-2!#E!8)/O/- (3!T@\*2/51! ' /2B!53(/O \*!#E!5)@13!(-&!@-@@(3!; @-/\*B O 1-2!(\*\*#5/(21&!  
' /2B!&(-91)#\*36!B#2!3/ ./-9!5#- &/2/#- \*!JG58@33#@9B#!<=<=<`F!KB1!8(3/E#)-/(H! : 3( , ( O (!(-&!K1S(\*!  
319(3!B/9B3/9B2!2B(2!; )#; 1)!B1(32B!5()1!(551\*\*!(-&!; )/\*#- !3/ ./-9!5#- &/2/#- \*!()1!2 ' #!E(52#)\*!2B(2!  
/O ; (52!2B1!B1(32B!#E!2B1!; )/\*#- !; #; @3(2/#-F!Y1(32B!5()1!(551\*\*!(-&!3/ ./-9!5#- &/2/#- \*!()1!2 ' #!  
5B() (521)/\*2/5\*!2B(2! . )6!( O #-9!2B1!\*2(21!(-&!E1&1)(3!; )/\*#- \*!/-53@&1&!/- !2B/\*!\*2@&6F!

!

<FU!M(5A9)#@- &!I @ O O ()6!!

KB/\*!\*152/#- !B(\*!; )# ./&1&!/-E#)O (2/#- !)19()&/-9!&/EE1)1-51\*!(-&!\*/O/3()/2/1\*!, 12 ' 11-!  
\*2(21!(-&!E1&1)(3!; )/\*#- !\*6\*21 O \*F!?!2!@- &1)\*5#)1\*A16!&/EE1)1-51\*!/- !E@- &/-9H!B1(32B!5()1!(551\*\*!(-&!&13/ . 1)6H!\*15@)/26!31 . 13!(-&!B#@\*/-9!, 12 ' 11- !2B1! . ()/#\*!E(5/3/2/1\*F!KB1\*1!E(52#)\*!()1!1\*\*1-2/(3!/-!  
@- &1)\*2(-&/-9!; #\*\*/, 31!1S; 3(- (2/#- \*!(-&!E(52#)\*!2B(2!/O ; (52!8 7 Q?DP>R!#@2, )1(A\*!/- !: O 1)/5(C\*!  
; )/\*#- \*F!KB1!E#33# ' /-9!\*152/#- !' /33!, @/3&!#- !2B/\*!/-E#)O (2/#- F!?! ' /33!B/9B3/9B2!5#-53@\*/#- \*!&)( ' -!  
/- !; @, 3/\*B1&13/21)(2@)1!#- !2B1!)13(2/#- \*B/; !, 12 ' 11- !/-E152/#\*!&/\*1(\*1\*!(-&!; )/\*#- \*F!?! ' /33!1S; 3(-!  
2B1!- (2@)1!#E!8 7 Q?DP>R!#E#5@\*/-9!#- !B# ' !/2!/\*2)(- \* O/221&F!KB1!\*152/#- !' /33!(3\*#!; )1\*1-2!  
#55@))1-51\*!#E!/-E152/#\*!&/\*1(\*1!#@2, )1(A\*!/- !5#))152/#- (3!E(5/3/2/1\*!(5)##\*\*!2B1!5#@-2)6F!!

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:!\*6\*21 0 (2/5!)1 ./1 ' !#E!/-E152/#@\*!&/\*1(\*1\*!/-!5#))152/#- (3!\*122/-9\*!,6!G ()2/(3!NF! e &1EE#P  
 G , (B!12!(3F!1\*2( ,3/\*B1&!2B(2!B/9B!)1/-5()51)(2/#- !)(21\*!;3(6!(!E@-&( 0 1-2(3!)#31!/-!\*;)1(&/-9!  
 /-E152/#@\*!&/\*1(\*1\*! ' /2B/-!;)/\*#-!\*6\*21 0 \*F!e &1EE#PG , (B!12!(3F!B/9B3/9B21&!2B(2!&15)1(\*/-9!)(21\*!#E!  
 )1/-5()51)(2/#-!,6!gU= 1 ! ' (\*!;)1&/521&!2#!)1&@51!2B1!;!)1. (31-51h!#E!/-E152/#@\*!&/\*1(\*1\*!,6!<U 1 !  
 ]e &1EE#PG , (B!12!(3F!<=>Z

D(2(!);)#./&1&!,6!2B1!M@)1(@!#E!T@\*2/51!I2(2/\*2/5\*!\*@; ;#)2!2B(2!/-E152/#-!)(21!&(2(!5#331521&!  
,6!G (\*\*#93/(!(-&!e&1EE#PG , (B!12F!(3F!?-!<=>>P<=><h!<>!; 1)51-2!#E!\*2(21!(-&!E1&1)(3!; )/\*#-1)\*!/-!  
2B1!+ -/21&!I2(21\*!g)1; #)21&!1.1)!B( ./-9!(-!/-E152/#@\*!&/\*1(\*1h!]M1)[#E\*A6!^!G()@\*5B(AH!<=>UH!  
>`F!?-!5#-2)(\*2H!2B1!91-1)(3!; #; @3(2/#-!)1; #)21&!(!)(21!#E!WFZ!; 1)51-2!]M1)[#E\*A6!^!G()@\*5B(AH!  
<=>U`F!L)#0!2B/\*!&(2(H! ' 1!5(-!/-E1)!2B(2!g/-5()51)(2/#-!1S; #\*1\*!/- 0 (21\*!2#!/-E152/#@\*!&/\*1(\*1h!  
G (\*\*#93/(H!<==ZH!\U`F 4)1 ./#@\*36!/-5()51)(21&!/-&/ ./&@(3\*!())1!g(3 0 #\*2!E#@)!2/ 0 1\*! 0 #)1!3/A136!2B(-!  
-#-P/- 0 (21\*!2#!)1; #)2!@)/-()6!2)(52!/-E152/#-\*H!B1; (2/2/\*H!(-&!2@, 1)5@3#\*/\*h!]G (\*\*#93/(H!<==ZH!\U`F  
KB1!)1 ./1 ' 1&!3/21)(2@)1!/-&/5(21\*!2B(2!(!&)/./-9!E(52#)!, 1B/-&!2B1!3()91P



5(-19#E/.1!&(6\*' /2B#@2A-# ' /-9!2B16!B(.1!5#-2)(521&!/?! ' B/31!2)(- \* 0 /22/-9!/2!2#!#2B1)\*F!KB1!  
 (\*60 ;2#0 (2/5!(-&!;)1\*60 ;2#0 (2/5!5(\*1\*!#E!8 7 Q?DP>R!g\*@ ; ;#)2!2B1!3/A13/B##&!2B(2!./)(3!  
 \*B1&&/-9!5(-!#55@)!/-!2B1!(,\*1-51!#E!\*60 ;2#0 \*(-&! ,1E#)1!\*60 ;2#0 !#- \*12h!] a 1/!12!(3FH!<=<=<=H!  
 W>U`F!KB/\*!1-( ,31\*!2B1!./)@\*!2#!2)(- \* 0/2!(2!(!)( ;/&!)(21H!)1\*@32/-9!/-!2B1! ' /&1\* ;)1(&!/-E152/#-!2B1!  
 + -/21&!I2(21\*!B(\*!11-!\*/-51!G()5B!<=<=<=!]\_ (-&B/!^!m#A#1!12F!(3FH!<=<=<= `F!  
 N/21)(2@)1!\*@991\*2\*!2B(2!(\*60 ;2#0 (2/5!(-&!;)1\*60 ;2#0 (2/5!2)(- \* 0/\*\*/#-!#E!8 7 Q?DP>R!  
 O(A1!\*!60 ;2#0 OP, (\*1&!\*2)(219/1\*!3()9136!/-1EE152/.1!/-!2)(- \* 0/\*\*/#-! ;)1.1-2/#-F!J 1\*1()5B1)\*!  
 B(.1!/&1-2/E/1&! ' (6\*!2#!5#0 , (2!8 7 Q?DP>R!(-&!5#-2)#3!2B1!\* ;)1(&f!B/9B36!1EE152/.1!5#-2(52!  
 2)(5/-9H!5(\*1!/\*#3(2/#-H!O (\*\*P\*5(31!21\*2/-9H!(-&!;1)\*#-(3! ;)1.1-2/#-F!Y133 ' 133!12!(3F!5#-&@521&!  
 )1\*1()5B!2#!(\*\*1\*\*!2B1!1EE152/.1-1\*\*!#E!5#-2(52!2)(5/-9!(-&!5(\*1!/\*#3(2/#-F!KB1!\*2@&6!E#@-&!2B(2!  
 5(\*1!/\*#3(2/#-!(-&!5#-2(52!2)(5/-9!)1!g\*@EE/5/1-2!2#!5#-2)#3!(!-1 ' !8 7 Q?DP>R!#2 ,)1(Ah!  
 JY133 ' 133H!<=<=<=H!1WRW`F!Y# ' 1.1)H!2B1!2 ' #!\*2)(219/1\*!0\*@\*2! ,1!1 0 ;3#61&!/-!5#-0@-52/#-! ' /2B!#-1!  
 (-#2B1)F!Y1331 ' 133!12!(3F!(3\*#!E#@-&!2B(2!g5(\*1!/\*#3(2/#-!(3#-1! ' #@3&! ,1!@-3/A136!2#!5#-2)#3!  
 2)(- \* 0/\*\*/#-h!JY133 ' 133H!<=<=<=H!1WRW`F! a /&1P\*5(31!21\*2/-9!2#!/&1-2/E6! ;)1\*60 ;2#0 (2/5!(-&!  
 (\*60 ;2#0 (2/5!8 7 Q?DP>R!5())1)\*!/\*!(3\*#!5)@5/(3!/-!B(32/-9!2B1!\* ;)1(&!#E!8 7 Q?DP>R! : 55#)&/-9!  
 2#!2B1!e (2/#- (3!?- \*2/2@21\*!#E!Y1(32BH!g ' /&1\* ;)1(&!21\*2/-9!/\*!-151\*\*())6!q(-&r! /0 ;#)2(-2h!]-F(FH! e ?YH!  
 <=<=<=H!/-!\*3# ' /-9!2B1!\* ;)1(&!#E!8 7 Q?DP>R!G (A/-9!21\*2/-9! ' /&136!(. (/3( ,31! ' #@3&!B13 ;!/&1-2/E6!  
 ;)1\*60 ;2#0 (2/5!#)!( \*60 ;2#0 (2/5!5(\*1\*(-&! (33# ' ! ;1# ;31!2#!/\*#3(21!2B1 0 \*13.1\*H!)1&@5/-9!2B1!  
 5B(-51\*!2B16!E@)2B1!)2)(- \* 0/2!2B1!./)@\*!2#!#2B1)\*F! : -#2B1)! ' (6!2#!\*2# ;!2B1!\* ;)1(&!#E!8 7 Q?DP>R!/\*!  
 ;1)\*#-(3! ;)1.1-2/#-!] -F(FH! e ?YH!<=<=<= `F!KB1!81-21)\*!E#)!D/\*1(\*1!8#-2)#3!]8D8`!B(\*!#@23/-1&!  
 (52/#- \*! ;1# ;31!5(-! ;1)\*#-(336!2(A1!2#!\*3# ' !2B1!)(21!#E!2)(- \* 0/\*\*/#-F!KB1!8D8!(&./ \*1\*! ' (\*B/-9!  
 B(-&\*!#E21-H!5# .1)/-9!5#@9B\*!(-&!\* -11[1\*H!(. #/&/-9!53#\*1!5#-2(52H!(-&! ' 1()/-9!0 (\*A\*/-! ;@ ,3/5F!  
 : ,# .1!(33H!2B1!8D8!)15#0 01-&\*! ;)(52/5/-9!\*#5/(3!&/\*2(-5/-9!(\*!5)@5/(3!/-!3/0/2/-9!2B1!



2)(- \* 0/\*\*/#-!#E!2B1!./)@\*F!KB/\*!01(-\*!0(-2(-/-9!\E112!,12'11-!6#@)\*13E!(-&!#2B1)\*!]-F(!!8D8!  
 87Q?DP>RH!<=<>`F! : &&/2/#-(336H!'1(-9!(!0(\*A!/-!;@,3/5!/\*15)/2/5(3!/-!);)1.1-2/-9!2)(- \* 0/\*\*/#-F!  
 J1\*1()5B!\*B# '\*!2B(2!87Q?DP>R!2)(- \* 0/\*\*/#-!/\*!/\*!0/3()!2#!2@,1)5@3#/\*!2)(- \* 0/\*\*/#-i!2B/\*!  
 /\*!(&&)1\*\*1&!/-!\*152/#-!XF>F!Y# '1.1)H!)151-2!\*2@&/1\*!@991\*2!2B(2!87Q?DP>R!/\*!/\*!9-/E/5(-236!0#)1!  
 /-E152/#@\*!2B(-!&/\*1(\*!1\*2B(2!;)/#\*-!B(.1!B(&!2#!5#-E)#-2F!+-&1)\*2(-&/-9!B# '!87Q?DP>R!/\*!  
 2)(- \* 0/221&(-&!15#9-/[/-9!);)1.1-2/#-!(.1-@1\*!B13;!\*!@-&1)\*2(-&!2B1!)\*A!2B(2!87Q?DP>R!;#\*1\*!  
 2#!;)/#\*-!\*6\*210\*F!L@)2B1)0#)1H!2B/\*!A-# '31&9!15(-!B13;!5#))152/#-(3!E(5/3/2/1\*!/&1-2/E6!(-&!  
 /0;3!01-2!;))1.1-2/.!01(\*@)1\*!,1E#)1!2B1!./)@\*!1-21)\*!2B1!E(5/3/26F!!

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XF!87Q?DP>R!/-!4)/\*#-!!

KB1!)13(2/#- \*B/;! ,12'11-!;)/#\*-!(-&!/-E152/#@\*!&/\*1(\*!1\*!/&1-2/E/1&!/-!\*152/#-!XF>!(-&!  
 5B()(521)/\*2/5\*!#E!87Q?DP>RH!/F1H!2)(- \* 0/\*\*/#-H!\*60;2#0\*H!(-&!;))1.1-2/#-H!#@23/-1&!/-!XF<H!  
 \*@991\*2!(!2)#-9!5#--152/#-!,12'11-!87Q?DP>R!(-&!;)/#\*-!E(5/3/2/1\*F!J151-2!)1\*1()5B!#-!  
 87Q?DP>R!/-!;)/#\*-!\*(3/9- \*!' /2B!5#-53@\*/\*- \*!&)( ' -!,(\*1&!#-!\*2@&/1\*!)13(21&2#!#2B1!)/-E152/#@\*!  
 &/\*1(\*!1\*!/-!;)/#\*-!(-&!87Q?DP>R!2)(- \* 0/\*\*/#-F!J1;#)2\*(-&!\*2@&/1\*!B(.1!/&1-2/E/1&!;)/#\*-!(\*!  
 87Q?DP>R!g\*@;1)!\*;)1(&1)!Hh!;3(51\*!#)!;1)\*#- \*!'B#!2)(- \* 0/2!(!. /)@\*!#)!,(521)/(!2#!(!. (\*2!  
 -@0,1)!#E!;1#;31F!!

KB1)1!B(.1!,11-!0(-6!5(\*!1\*!#E!1-#)0#@\*!87Q?DP>R!#@2,)1(A\*!/-!;)/#\*-!\*(5)#\*\*!2B1!  
 +-/21&!I2(21\*F!7-! : ;)/3!>WH!<=<=H!2B1!L1&1)(3!M@)1(@!#E!4)/\*#- \*!)15#)&1&!WW\!2#2(3!5(\*!1\*(0#-9!  
 2B1!/-0(21!;#;@3(2/#-F!?-!0@\*2!#-!1!0#-2B!2B(2!-@0,1)!53/0,1&!E)#0!WW\!5(\*!1\*!2#!>HR>R!2#2(3!  
 )15F!

Z= 1 !#E!2B1!/- 0 (21\*H!# . 1)!<H===!; 1#; 31H!B(&! , 11 -!/-E1521&! ' /2B! 8 7 Q?DP>R!] 8 (\*231H!<=<=<`F!  
 I/O/3(!)/-E152/#-!) (21\*!#55@))1&! (2!G@\*A19#-!8#))152/#- (3!L(5/3/26!/-!G/5B/9(-F!7 -!T@36!X>H!  
 <=<=<H!2B1!G/5B/9(-!;)/#-#H!G@\*A19#-!\*2()21&!21\*2/-9!(33!#E!/2\*!/- 0 (21\*H!(-&! , 6!2B1!1 -&!#E!  
 I1; 21 0 , 1)H!RRV!/- 0 (21\*!B(&! , 11 -!/-E1521&F!KB(2!/\*! 0 #)1!2B(-!VU 1 !#E!2B#\*1!/-!5@\*2#&6!] 8 (-2sH!  
 <=<=<`F! 8 (3/E#)-/(C\*!I(-!p@1-2/-!4)/#-!B(\*!(3\*#!1S; 1)/1-51&!0 (\*\*/ . 1!8 7 Q?DP>R!#@2 , )1(A\*F! : \*!  
 #E! : @9@\*2!>=H!<=<=<H!2B1!\*2(21!;)/#-!B(\*!1S; 1)/1-51&!0 #)1!2B(-!<H<=<=<8 7 Q?DP>R!5(\*1\*(-&!<U!  
 &1(2B\*! ' /2B/-!(;! ; #; @3(2/#-!#E! 0 #)1!2B(-!XH< \ =!/- 0 (21\*F!E!8 (3/E#)-/(1S; 1)/1-51&!2B1!\* (0 1!&1(2B!  
 ) (21!(\*!I(-!p@1-2/-!4)/#-#H!2B1)1! ' #@3&! , 1!X==H===!&1(2B\*!2(21 ' /&1F! e (2/#- (336H!2B/\*! ' #@3&!  
 2)(- \*3(21!2#!<FU! O/33/#-!&1(2B\*!] 8B)/ \*21 - \*1 ^ !N/-H!<=<=<`F! : \*!#E!D151 0 , 1)!>H!<=<=<H!<FU! O/33/#-!  
 &1(2B\*!()1!( ; ; )#S/O (2136!21 -!2/O 1\*!2B1!+ -/21&!I2(21\*C!&1(2B!)(21! ' B/5B! ' (\*!0@\*2!# . 1)!<U=H===F!  
 ]-F(FH! a Y 7!8 7 Q?DP>R!D(\*B , #())&H!<=<=<`F!!

: -!1 ; /&1 0 /#3#9/5(3!\*2@&6!B(\*!5#-E/) 0 1&!2B1!B/9B!)(21\*!#E! 8 7 Q?DP>R!/-!7 B/#H!G/5B/9(-H!  
 (-&!8 (3/E#)-/(!;)/#-#!()1!-#2! ; ()2/5@3()!2#!2B#\*1E(5/3/2/1\*!#)!2B1/)!#; 1)(2/#- \*F!M)1 -&#-!I (3#- 1)!  
 12F!(3F!5# 0 ; /31&!5#@-2\*!#E! 8 7 Q?DP>R!5(\*1\*(-&!&1(2B\*!( 0 # -9!2B1!/- 0 (21! ; #; @3(2/#- F!KB1!&(2!  
 ' (\*!5#331521&!&(36!E)# 0 !G()5B!X>H!<=<=<H!2#!T@ - 1!\H!<=<=<F!KB1!&(2(!/- 53@&1&!\*2(2/\*2/5\*!E)# 0 !2B1!  
 L1&1)(3!M@)1 (@!#E!4)/#-#!(-&! (33!2(21!; )/#- \*F!I (3#- 1)!12!(3F!5(35@3(21&!2B1!8 7 Q?DP>R!/-E152/#-!  
 (-&!&1(2B!)(21!E#)!2B1!; )/#-#! ; #; @3(2/#- !(-&!5# 0 ; ()1&!/2!2#!2B1!# . 1)(33! ; #; @3(2/#- F!KB1!  
 )1\*1()5B1)\*!E#@ -&!2B(2!2B1!5(\*1!)(21!( 0 # -9!>H!<RUH<ZU!/- 0 (21\*! ' (\*!XH<U>!/ -E152/#- \*! ; 1)!>==H===!  
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4)/\*#-!1- ./)#- 0 1-2\*(!)1!531()36! 0#)1! . @3-1)( , 31!2#! 8 7 Q?DP>R!#@2, )1(A\*F!KB1!)1\* @32\*!(-&!& /\*5@\*\*/#-#!#E!#2@&/1\*!(-&!; (; 1)\*!(- (36[/-9!2B1!/0 ; (52!#E! 8 7 Q?DP>R!#-!; )/\*#-\*(33!(9)11!2B(2!2B1! (55!31)(21&!\* ; )1(&!#E! 8 7 Q?DP>R!/\*!(!, 6; )#&@52!#E!2B1!91-1)(3!; )/\*#-!1- ./)#- 0 1-2!(-&!&(6!2#! &(6!#; 1)(2/#- \*F! : -!(- (36\*/\*!#E!2B1!3/-A!, 12 ' 11-! 8 7 Q?DP>R!(-&!; )/\*#- \*!; @, 3/\*B1&!, 6!Y( ' A\*!12! (3F!(\*\*1)21&!2B(2!2B1!g/-E)(\*2)@52@)1!#E! 0#\*2!; )/\*#- \*!(-&!0(/3\*h!2@)-\*!; )/\*#- \*!/ -2#! 8 7 Q?DP>R!\*@ ; 1)! \*; )1(&!)!1- ./)#- 0 1-2\*!]Y( ' A\*! ^!G55#)0/5A!12F!(3FH!<=<=H!>=W>`F!! : -#2B1)!\*2@&6!5#- &@521&!, 6! 2B1!8D8!/&1-2/E/1&!5B() (521)/\*2/5\*!2B(2!)1\* @32!/-!2B1!)( ; /&!\* ; )1(&!#E! 8 7 Q?DP>R!KB1! 5B() (521)/\*2/5\*!/&1-2/E/1&! ' 1)1f!

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!U:(. I ' & ' ! ' . ( = , ; . ( , & -D! -B ) ( & ' ! \* ) 4 ) ; . ( , & -D! \* , = , ; & ' ! = & ' , : ) \* ! ) / ' ! , - . \* ) ; . . / ! ( & - . A ( : & -D! ' ) , \* < ! & / ; ( < ! ) / ' ! & L , ; ! . 9! - ; ) 99! = & = I & ( - ! ) / ' ! 4 , - , ; . ( -D! : . / ; , / A . A - ! , / ; ( . ' A : ; , . / ! . 9! / & I \* < ! , / : ) ( : & ( ) ; & ' ! . ( ! ' & ; ) , / & ' ! E & ( - . / - ! , / ! = A \* ; , M E & ( - . / ! 4 & B , : \* & - ! 9 . ( ! : . A ( ; M ( & \* ) ; & ' D! = & ' , : ) \* D! . ( ! - & : A ( , ; < ! ( & ) - . / - V! ] - F ( FH! 8D8! 8 7 Q?DP>R! 8# ) ) 152/# - (3!L(5/3/2/1\*H!<=<= `F!!

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: &&/2/#- (336H!(-!)2/531! ' )/221-!, 6!M@)A/!/-!OB&!G)/: & ; ! ( & & ) 1 \* \* 1 & ! 2B ( 2! \* # 0 1 ! 3# ' P \* 15 @ ) / 26! ; ) /\*#- \* ! ( ) 1 ! g \* 1 0 / # ; 1 - h ! ] M @ ) A / H ! < = < = H ! > W > < ` F ! KB / \* ! 0 1 ( - \* ! 2B ( 2! / - 0 ( 21 \* ! ( ) 1 ! ( @ 2B # ) / [ 1 & ! 2 # ! 31 ( . 1 ! 2B1 ! ; ) /\*#- ! & @ / - 9 ! 2B1 ! & ( 6 ! E # ) ! ' # ) A ! # ) ! 53 ( \* \* 1 \* ! ( - & ! 5 # 0 1 ! , ( 5A ! ( 2! - / 9B2H! ( - & ! ; # 21 - 2 / ( 336 ! , ) / - 9 ! 2B1 ! . / ) @ \* ! ' / 2B! 2B1 0 F!

I 152/#- !XF<!1\*2( , 3/\*B1&! ' ( 6\*!2#!3/ 0/2!2B1!\* ; )1(&!#E! 8 7 Q?DP>Rf!2B)#@9B!\*#5/(3!& /\*2(-5/-9H! ' (\*B/-9!B(-&\*H!(-&!1\*2)/52/-9!/ -21)(52/#-! ' /2B!#2B1)! ; 1# ; 31F!KB/\*!5#-E) 0 \* ! 2B ( 2! 0 ( - 6! . ( ) / ( , 31 \* ! (\*\*#5/(21&! ' /2B! ; ) /\*#- \* ! 5 ( - ! 1 ( \* / 36 ! \* 12! # EE ! 8 7 Q?DP>R! # @ 2 , ) 1 ( A \* F ! KB 1 ) 1 E # ) 1 H ! 2B 1 ! 5 / ) 5 @ 0 \* 2 ( - 51 \* ! # E ! ; ) /\*#- ! 0 ( A 1 ! 2B 1 ! 8 D 8 C \* ! 8 7 Q?DP>R! ; ) 1 . 1 - 2 / # - ! 9 @ / & ! 13 / - 1 \* ! g / 0 ; # \* \* / , 31 ! 2 # ! ( 5B / 1 . 1h ! ] M @ ) A / H ! < = < = H ! > W > > ` F ! N / 0 / 21 & ! ; 1 ) \* # - P 2 # P ; 1 ) \* # - ! / - 21 ) ( 52 / # - ! ( - & ! \* # 5 / ( 3 ! & /\* 2 ( - 5 / - 9 ! ( ) 1 ! @ - ( 22 / - ( , 31 ! / - ! \* # 0 1 !

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;)/\*#- \*H!; (2/5@3(36!3# ' P O 1&/@ 0!\*15@)/26!31 . 13!; )/\*#- \*F! 7 E21 -H!/- 0 (21!/- !2B#\*1E(5/3/2/1\*!)1!  
 B#@\*1&!/ - !&#) 0 /2#)/1\*!(-&!()1!; 1) 0 /221&!2#!/-21)(52!/- !&/- /-9!B(33\*!(-&!#2B1)!5#0 0 @ - (3!3#5(2/#- \*F!  
 KB1!&(/36!/-P(-&P#@2!0# . 1 0 1 -2!#E!1 0 ; 3#611\*H!/- 0 (21\*!(-&!2B#\*1!- 1 ' 36!/-5()51)(21&! ' /2B/-!  
 5#))152/#- (3!E(5/3/2/1\*!E@)2B1)!/-5)1(\*!#2B1!)\*A!#E! 8 7 Q?DP>R!2)(- \* 0 /\*\*/#- !/-!; )/\*#- \*F!KB/\*!/\*!  
 , 15(@\*1!2B16!5(-!, )/-9!2B1!./)@\*!/-2#!2B1!; )/\*#- H!@ -A-# ' /-936!/E!2B16!()1!; )1\*60 ; 2#0 (2/5!#)!  
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a B/31!3/21)(2@)1!/&1 -2/E/1\*!0 (-6!5B() (521)/\*2/5\*!2B(2!)1\*32!/-!2B1!)(; /&!\*; )1(&!#E! 8 7 Q?DP  
 >R!/-!; )/\*#- \*H!1\*1()5B1)\*B(. 1!-#2!\*@551\*\*E@336!; /- ; #/ -21&! ' B/5B!1S; 3/5/2!5B() (521)/\*2/5\*!B(. 1!  
 \*2)#-91)! (\*\*#5/(2/#- \*! ' /2B!2B1!\*; )1(&!#E! 8 7 Q?DP>R!/-!; )/\*#- !E(5/3/2/1\*F! : \*!#@5B#!2B/\*!)1\*1()5B!  
 (/0\*!2#!\*/-931!#@2! ' B/5B!; )/\*#- !5B() (521)/\*2/5\*!()1!0#)1!3/A136!2#!2)/991)! 8 7 Q?DP>R!#@2, )1(A\*F!!

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! KB/\*!152/#-!)1 . /1 ' 1&!3/21)(2@)1!#- !2B1!2#; /5!#E!/-E152/#@\*!&/\*1(\*!\*/-!; )/\*#- \*H!2B1!- (2@)1!  
 #E! 8 7 Q?DP>R!(-&!2B1!; )1\*1 -51!#E! 8 7 Q?DP>R!/-!; )/\*#- \*(5)##\*!2B1!+ -/21&!I2(21\*F!KB@\*H!2B/\*!  
 3/21)(2@)1!)1 . /1 ' !B13; 1&!/&1-2/E6!5B() (521)/\*2/5\*!#E!; )/\*#- \*!/-53@&/-9!B#@\*/-9!26; 1H!\*15@)/26!31 . 13H!  
 /- 0 (21!/-21)(52/#-H!/- 0 (21!(52/ ./2/1\*!125F!2B(2!/-E3@1-51! 8 7 Q?DP>R!#@2, )1(A\*!/-!; )/\*#- \*F!!

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#E!;)/\*#-\*/&1-2/E/1&!/-!2B1!M(5A9)#@- &!(-&!N/21)(2@)1!J 1./1 ' !#E!2B/\*!;( ;1)H!2B1\*1!5B()(521)/2/5\*!  
 /-53@&1!E(5/3/26!3#5(2/#-H!/- O (21!\*1SH!;#;@3(2/#-!\*/[1H!;1)51-2!#55@;/1&H!\*15@)/26!31.13H!B#@\*/-9!  
 26;1H!-@O ,1)!#E!&(/36!\*2(EEH!(551\*\*!2#!#-\*/21!B1(32B!5()1!(-&!1 O 1)91-56!5()1F!KB1!/-&1;1-&1-2!  
 . ()/(,31\*!O 1(\*@)1&! ' 1)1!(- (36[1&!/-!)13(2/#-!2#!2B1!-@O ,1)!#E!5#-E/)O 1&!8 7 Q?DP>R!5(\*1\*!;1)!  
 >==!/- O (21\*F!KB/\*!2@&6!1S(O/- 1&!;)/#\*-#!#. 1)\*11-!,6!\*2(21P9#. 1)- O 1-2!1-2/2/1\*!(-&!2B1!L1&1)(3!  
 \_#. 1)- O 1-2H!(33!#E! ' B/5B!

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\*2@&6! ' (\*!#,2(/-1&!2B)#@9B!2B1!g+8N : !87Q?DP>R!M1B/-&!M()\*!D(2(!4)#0152h!]D#3# ./5B!!<=<=>H

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&1\*/9- (21&!5(; (5/26H!\*15@)/26!31 . 13H!B#@\*/-9!26; 1H!-@ 0 , 1)!#E!1 0 ;3#611\*! ' /2B!5#-2(52\*! ' /2B!  
 /- 0 (21\*H! ' B12B1)!#)!-#2!2B1!E(5/3/26!B(\*!(B1(32B!5()1!(& 0 /-/\*2)(2#)H!(-&!/- 0 (21\*C!( , /3/26H!#)!  
 /-( , /3/26!2#!31( . 1!2B1!E(5/3/26!E#)!5# 0 0 @- /26!1-9(91 0 1-2! ] ' #)A! ;)#9)( 0 \*!#)!5# 0 0 @- /26!\*1) . /51`F!  
 K#! 0 1(\*@)1!&1\*/9- (21&!5(; (5/26!(-&!-@ 0 , 1)!#

UF>!4)13/0/-()6!J1\*@32\*!!

M(\*1&!#-!2B1!\*(0 ;31!/- 0 (21! ;# ;@3(2/#-!@\*1&!/-!2B/\*!\*2@&6H!(\*!#E!T(-@()6!>UH!<=<>H!2B1)1!  
 ' 1)H!#-!(.1)(91!<UFVR!5#-E/)0 1&!8 7 Q?DP>R!5(\*1\*! ;1)!>==!/- 0 (21\*F!KB(2!(.1)(91!/\*!(30#\*2!E#@)!  
 2/0 1\*!2B1!-@0 ,1)#E! ;1# ;31! ' B#!B(.1!21\*21&! ;#\*/2/.1!E#)! 8 7 Q?DP>R! (0#-9!2B1!+ -/21&! I2(21\*C!  
 91-1)(3! ;# ;@3(2/#-!] \FRV! ;#\*/2/.1!21\*2\*! ;1)!>==!/- 0 (21\*F!KB/\*!\*2@&6C\*!)1\*@32\*(3/9-! ' /2B!)1\*@32\*!#E!  
 #2B1)! )1\*1()5B!/-53@&/-9! 2B(2! #E! 2B1! 8#@-5/3! #E! I2(21! \_# .1)- 0 1-2\*!T@\*2/51! 8 1-21)! ]\_@-21)! ^!  
 8(33(B(-H!<=<>`F!KB1!B/9B1)!)(21\*!#E! 8 7 Q?DP>R! (0#-9!2B1!/- 0 (21! ;# ;@3(2/#-!2B(-!(0#-9!2B1!  
 91-1)(3! ;# ;@3(2/#-!)(1!\*B# ' -!/-!L/9@)1!<F!!

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KB1!&(2(!E#)!2B/\*!\*2@&6!/\*!-#2!&/\*2)/, @21&!-#) O (336F!L/9@)1!X!\*B# ' \*H!2B1!&(2(\*12!/\*!)/9B2P  
 \*A1 ' 1&F! a /2B!2B1!&(2(!, 1/-9!)/9B2P\*A1 ' 1&H!/2!/\*!/ O ;#)2(-2!2#!(3\*#!1S(O/-1!2B1!O 1&/(-!(\*/!2!  
 ;)#./&1\*!(-#2B1)!O 1(\*@)1!#E!2B1!51-21)!(-&!2B1!O 1(-!5(-!#E21-!, 1!B1( ./36!/-E3@1-51&!, 6!\*A1 ' 1&  
 &(2(!(-&!#@23/1)\*F!KB1!O 1&/(-!/\*!>VFVU!5#-E/)O 1&!8 7 Q?DP>R!5(\*1\*!; 1)!>==!/- O (21\*H! ' B/5B!/\*!\*2/33!  
 (3 O #\*2!2B)11!2/O 1\*!2B1!91-1)(3!; #; @3(2/#-!)(21F! : \*!#E!T(-@)6!>UH!<=<>H!2B1!8 7 Q?DP>R!&1(2B!)(21!  
 E#)!2B1!/- O (21!; #; @3(2/#-!(O # -9!\*2(21!(-&!E1&1)(3!E(5/3/2/1\*!2B(2!1; #)21&!8 7 Q?DP>R!)13(21&  
 &1(2B\*H!/-53@&1&!/-!2B/\*!\*2@&6H!2B(2!)1; #)21&! ' (\*!>FWX!; 1)51-2F!KB/\*!)(21!/\*!3# ' 1)!2B(-!2B1!  
 O #), /&/26!)(21!#E!2B1!91-1)(3!; #; @3(2/#-!]>F\ V 1 `F!KB/\*!&/EE1)1-51\*!/-!O #), /&/26!)(21\*!, 12 ' 11 -!2B1!  
 /- O (21!; #; @3(2/#-!(-&!2B1!91-1)(3!; #; @3(2/#-!5#@3&! , 1!(!)1\*@32!#E!2B1!3(5A!#E!)1; #)2/-9!(-&!  
 2)(-\*; ()1-56!, 6!E(5/3/2/1\*!(-&!5#))152/#-(3!&1; ()2O 1-2\*F!7 -36!WZFX!; 1)51-2!#E!E(5/3/2/1\*!1; #)21&  
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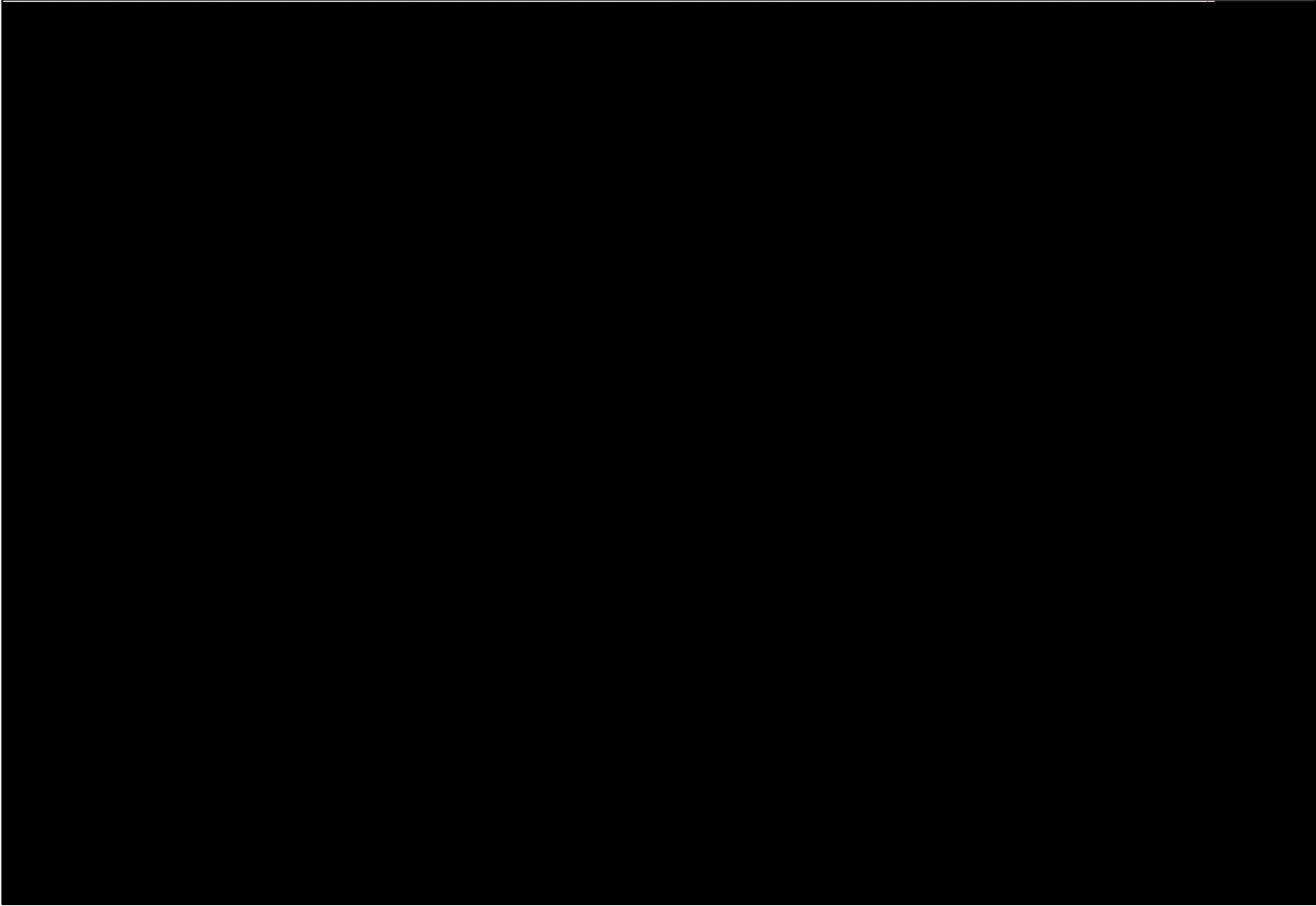
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L/9@)1!W!], 13# ' `!\*B# ' \*!2B1!)(21!#E!;#\*/2/ . 1!21\*2\*!;1)!>==!/- 0 (21\*!, 6!\*2(21F!G/5B/9(-!  
5#))152/#- (3!E(5/3/2/1\*!1S; 1)/1- 51&!2B1!B/9B1\*2!)(21\*!#E!8 7 Q?DP>R! ' /2B!URFU\!5#-E/)0 1&!5(\*1\*!; 1)!  
>==!/- 0 (21\*F!2!/\*! /0 ; #)2(- 2!2#!- #21!2B(2!#- 1!G/5B/9(-!E(5/3/26!)1 ; #)21&! (; ; )#S/0 (2136!>VR!  
5#-E/)0 1&!8 7 Q?DP>R!5(\*1\*!; 1)!>==!/- 0 (21\*F!KB/\*!3/A136!)1\* @321&!E)#0 !2B1!E(5/3/26!, 1/- 9!(-!  
/-2(A1c; )#51\*\*/-9!E(5/3/26H!2B@\*!B( ./-9!(15#-2/- @ (336!5B(-9/-9!; #; @3(2/#-!\*/[1F!!

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 (;;)#S/O (2136!>>H!)13(2/. 1!2#!\*2(21P)@-!;)/\*#- \*F!KB1!;P. (3@1!(\*\*#5/(21&! ' /2B!N# ' cG/-/O @O!  
 \*15@)/26!E(5/3/2/1\*!(-&!E(5/3/2/1\*! ' /2B!D#)O /2#)/1\*!/\*!\*/9-/E/5(-2!(2!2B1!=F=U!31 . 13F!J 13(2/. 1!2#!  
 Y/9BcG (S/O @O!\*15@)/26!E(5/3/2/1\*!H!N# ' cG/-/O @O!\*15@)/26!E(5/3/2/1\*! ' 1)1!5#-- 1521&!2#!(-!  
 /-5)1(\*1!#E!(; ;)#S/O (2136!21-!5#-E/)O 1&!8 7 Q?DP>R!5(\*1\*!;1)!>==!/- 0 (21\*F!L@)2B1)O #)H!)13(2/. 1!  
 2#!E(5/3/2/1\*! ' /2B!8#O ,/- (2/#-!B#@\*/-9!], #2B!D#)O /2#)/1\*!(-&!8 133\*H!D#)O /2#)6!B#@\*/-9!  
 &15)1(\*1&!2B1!-@O , 1)!#E!5#-E/)O 1&!8 7 Q?DP>R!5(\*1\*!;1)!>==!/- 0 (21\*!, 6!(; ;)#S/O (2136!1/9B2!  
 5(\*1\*F!N(\*236H!2B1!;P. (3@1!(\*\*#5/(21&! ' /2B!2B1!);)1\*1-51!#E!(!B1(32B!5(O)1!(&O/-/\*2)(2#)!/\*!  
 \*2(2/\*2/5(336!\*/9-/E/5(-2!(2!2B1!=F=U!31 . 13H!\*@991\*2/-9!2B(2!2B1!; )1\*1-51!#E!(!B1(32B!5(O)1!  
 (&O/-/\*2)(2#)!/-5)1(\*1\*!5#-E/)O 1&!8 7 Q?DP>R!5(\*1\*!;1)!>==!/- 0 (21\*!, 6!(; ;)#S/O (2136!\*/S!5(\*1\*F!  
 KB1!5#O O @-/26!1-9(91O 1-2!. )/( , 31! ' (\*!-#2!/-53@&1&!/-!2B/\*!)19)1\*\*/#-!, 15(@\*1!E1&1)(3!;)/\*#-!  
 &#!-#2!(33# ' !/- 0 (21\*!2#!31( . 1!E(5/3/26!9)#@-&\*F!!!!

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L@)2B1)!\*2(2/\*2/5(3!(- (36\*/!\* ' (\*!&#- 1!,6! ' (6!#E!2P21\*2\*!(-&! : e 7 Q : !21\*2\*F!KP21\*2\*! ' 1)1!)@-!  
 #-!2B1!31 . 13!(-&!26; 1!#E!;)/\*#-!(-&!; )1\*1-51!#E!(!B1(32B!5()1!(&O/-/\*2)(2#)F! : e 7 Q : !21\*2\*! ' 1)1!  
 )@-!#-!\*15@)/26!31 . 13#!B#@\*/-9!26; 1H!(-&!/- O (21!\*1SF!KB1!21\*2\*! ' 1)1!)@-!2#!/&1-2/E6!(-6!\*2(2/\*2/5(3!  
 5#))13(2/#-!, 12 ' 11-!2B1! . ()/( , 31\*!3/\*21&! ( , # . 1!(-&!2B1!-@O , 1)!#E!5#-E/)O 1&5(\*1\*!; 1)!>==!  
 /- O (21 \*F!M(\*1&#-!2B1!E!(-&!EP5)/2/5(3! . (3@1\*!; )#&@51&!E)#O!(33!#E!2B1! : e 7 Q : !21\*2\*H!2B1)1! ' (\*!-#!  
 \*2(2/\*2/5(3!\*/9-/E/5(-51!(#!EP5)/2/5(3! ' (\*!9)1(21)!2B(-!EH!(-&!2B1!;P . (3@1\*! ' 1)1!(33!9)1(21)!2B(-!F=UF!  
 KB1!2P21\*2!\*B# ' 1&!-#!\*2(2/\*2/5(336!\*/9-/E/5(-2!)13(2/#- \*B/;! , 12 ' 11-!2B1!26; 1!#E!;)/\*#-!];)/ . (21!#)!  
 ;@ , 3/5^!(-&!2B1!)(21!#E!5#-E/)O 1&!8 7 Q?DP>R!5(\*1\*!; 1)!>==!/- O (21\*!(\*!2B1!;P . (3@1!#E!F=W!/\*!-#2!  
 \*2(2/\*2/5(336!\*/9-/E/5(-2!(2!(-!(3;B(!31 . 13!#E!F=UF!!

: !;P . (3@1!#E!F=<RH!5(35@3(21&!2B)#@9B!(!2P21\*2!)@-!#-!;)/\*#-!31 . 13!]\*2(21!#)!E1&1(3^!(\*\*1)2\*!  
 \*2(2/\*2/5(3!\*/9-/E/5(-51!(2!(-!(3;B(!31 . 13!#E!F=UF! : ! , / . ()/(21!3/-1(!)19)1\*\*/#-!O #&13!(\*\*#5/(21&!  
 ' /2B!2B1!;)/\*#-!31 . 13! ' (\*!)@-!2#!/- . 1\*2/9(21!2B1!t!F=U!;P . (3@1\*!5(35@3(21&!-!K( , 31!\!]; (91!XV^!  
 (-&!E)#O !2B1!2P21\*2F!!!

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**''#\$%%&'&\$()\*! +), (-, .-! / ..#.! )!+, )! 012, 34\$! 5#6\$.!789! : ; ;\$.!789!**

. (3@1!#E! =F= \ \ V!/\*!\*/9 -/E/5 (-2!(2!2B1! =F>=!\* /9 -/E/5 (-51!31 . 13H!\*@991\*2/-9!2B(2!E1&1)(3!;)/#\* -!\*B( . 1!

( , #@2!\*/S!0#)1!8 7 Q?DP>R!5(\*1\*!; 1)!>==!/- 0 (21\*!2B(-!2B1!\*2(21!;)/#\* -\*F!!!

L@)2B1)0#)1H!(!; P. (3@1!#E! =F==X! ' (\*!5(35@3(21&!2B)#@9B!2B1!2P21\*2!)@-!#-!2B1!; )1\*1-51!#E!

B1(32B!5()1!( & 0 / -/\*2)(2#)F!KB/\*! ' (\*!\*2(2/\*2/5(336!\*/9 -/E/5 (-51!(2!(-!(3; B(!31 . 13!#E! =F=UF! : !, / . ( )/(21!

3/-1()!)19)1\*\*/#-!0#&13!(\*\*#5/(21&! ' /2B!2B1!; )1\*1-51!#E!(!B1(32B!5()1!( & 0 / -/\*2)(2#)! ' (\*!(3\*#!)@-!

2#!E@)2B1)!/- . 1\*2/9(21!2B1!t! =F=U!; P. (3@1\*!5(35@3(21&!/-! , #2B!K( , 31!\!(-&!2B1!2P21\*2F!!!

!!	"#\$%&'&\$()*! +), (-, . -! )!+), )! /..#.!	<b>012,34\$!</b>	<b>5#6\$.!789!</b>	<b>: ; ; \$.!789!</b>
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O)I\*&!P!23 I . 4&56!7,4)(,);&!(&F(&-.,./!(&\*);,./-B,E!I&; I &&!/:. =A/,;<!&/F)F&=&/;!,/!-);&! E(-./-!)/'!J 8N@OM\$P!:-&!();&!E&(!\$RR!,/=);&-#!>,F/,9,:)/;!4)\*A&-!)(&!B,FB\*,FB;&'#!

KB1!E#33# ' /-9!3/-1(!)19)1\*\*/#-!1b@(2/#-! ' (\*!5)1(21&!, (\*1&#!-!K(,31!ZH! ' B1)1!Iu>!E!  
/- O (21\*B( . 1!2B1!(, /3/26!2#!1-9(91! ' /2B!2B1!5#0 0 @- /26f!!

''#(%&. <\$-!'' , \*\$\*!;\$. !=>>!& (<, )\$\*!?!@CBD8!1!D!DD!F!

KB1!)19)1\*\*/#-!\*@991\*2\*!2B(2!E!/- O (21\*B( . 1!2B1!(, /3/26!2#!1-9(91! ' /2B!2B1!5#0 0 @- /26!1/2B1)!  
2B)#@9B!#EEP\*/21! ' #)A!#)!5#0 0 @- /26!\*1) . /51!; )#9)(0 \*H!2B1!-@0 , 1)!#E!8 7 Q?DP>R!5(\*1\*!; 1)!>==!  
/- O (21\*!&15)1(\*1\*!, 6!(; ; )#S/O (2136!V!5(\*1\*F!!

?2!\*/O ; #)2(-2!2#!-#2!2B(2!9/ . 1-!2B1!\*9-/E/5(-2!;P. (3@1\*!(\*\*#5/(21&! ' /2B!D#)O/2#)6c 7 ; 1-!  
B#@\*/-9!(-&!N# ' cG/-/O @0!\*15@)/26!31 . 13\*H!(!)19)1\*\*/#-!(- (36\*/!\* ' (\*!; 1)E#)O 1&!E#)!B#@\*/-9!  
26; 1!(-&!\*15@)/26!31 . 13!] \*11! : ; ; 1-&/S!K(, 31\*^F!Y# ' 1 . 1)H!\*/9-/E/5(-51! ' (\*!-#2!E#@- &! (2!2B1! =F=U!  
\*/9-/E/5(-51!31 . 13!E#)!(-6!31 . 13F! : 3; B(! ' (\*!-#2!/-5)1(\*1&!, 15(@\*1!2B1!\* (O ; 31!\*/[1! ' (\*!3)9!F!!

W#""! JA)/,;);,4&!O);)!!

M/ . ()/(21!)19)1\*\*/#-\*)@-!2#!/&1-2/E6!\*2(2/\*2/5(336!\*9-/E/5(-2!)13(2/#- \*B/; \*(O #-9!\*2(EE!2#!  
/- O (21!)(2/#H!&1\*/9-(21&!5( ; (5/26!#)!; 1)51-2!#55@;/1&!(-&!2B1!-@0 , 1)!#E!5#-E)O 1&!; #\*/2/ . 1!5(\*1\*!  
; 1)!>==!/- O (21\*!E#@- &!-#!\*2(2/\*2/5(336!\*9-/E/5(-2!)13(2/#- \*B/; !, 12 ' 11-!2B1! . ()/(, 31\*F!KB1!; P  
. (3@1\*!(\*\*#5/(21&! ' /2B!2B#\*1! . ()/(, 31\*! ' 1)1!(33!9)1(21)!2B(-! =F=UF!!

: !O @32/ . ()/(21!3/-1(!)19)1\*\*/#-! ' (\*!)@-!2#!/&1-2/E6!3/-1(!)5#))13(2/#- \*(O #-9!O 1&/(-!  
B#@\*1B#3&!/-5#0 H!; 1)51-2!#E!)1\*/&1-2\*!(2!#!, 13# ' !; # . 1)26!31 . 13!], 6!\*2(2!^H!; 1)51-2!#E!\*2(21!2B(2!  
&1-2/E/1\*!( \*! ' B/21!(-&!5#-E)O 1&!8 7 Q?DP>R!5(\*1\*!; 1)!>==!/- O (21\*! ' /2B/-!\*2(21P@- !E(5/3/2/1\*!



=F====>F!KB1!5#1EE/5/1-2!\*@991\*2\*!2B(2!( \*!2B1!;1)51-2(91!#E! ' B/21!/ -5)1(\*1\*!,6!#-1!;1)51-2H!2B1!  
 -@0,1)!#E!87Q?DP>R!5(\*1\*!;1)!>==!/-0(21\*!/-5)1(\*1\*!,6!(; ;)#S/0(2136!VUF!N(\*236H!2B1!  
 5#1EE/5/1-2!(\*\*#5/(21&! ' /2B!, \*@991\*2\*!2B(2!( \*!2B1!;1)51-2!#E!)1\*/&1-2\*(2!#)!,13# ' !;#.1)26!31.13!  
 /-5)1(\*1\*!,6!#-1!;1)51-2H!5#-E/)01&!87Q?DP>R!5(\*1\*!;1)!>==!/-0(21\*!/-5)1(\*1\*!,6!R>F\ \>Z!  
 5(\*1\*F!Y# ' 1.1)H!2B/\*!)13(2/#- \*B/;!/\*!-#2!\*2(2/\*2/5(336!\*9-/E/5(-2!(2!2B1!=F=U!\*9-/E/5(-51!31.13!(\*!  
 2B1!;P.(3@1!#E!=F<W!(\*\*#5/(21&! ' /2B!2B1!;1)51-2!#E!)1\*/&1-2\*(2!#)!,13# ' !;#.1)26!31.13!/\*!=F<WF!  
 :!\*/0/3(!0@32/. ()/(21!)19)1\*\*/#-! ' (\*!)@-!2#!/&1-2/E6!5#))13(2/#- \*!,12 ' 11-!2B1!1S;3(- (2#)6!  
 . ()/(,31\*!(-&!(&0/-/\*21)1&!21\*2\*!;1)!>==!/-0(21\*F!N1\*\*!2B(-!B(3E!#E!2B1!2#2(3!E(5/3/2/1\*!/-!2B/\*!2@&6!  
 ' 1)1!/-53@&1&!/-!2B/\*!)19)1\*\*/#-!(\*!#-36!X<\!E(5/3/2/1\*!)1;#)21&!2B1!-@0,1)!#E!21\*2\*!(&0/-/\*21)1&F!!

0)I\*&!\$\$!

KB1!E#33# ' /-9!0@32/. ()/(21!)19)1\*\*/#-! ' (\*!5(35@3(21&!2#!/&1-2/E6!(-6!)13(2/#-\*/B/;! ,12 ' 11-!  
 ;#. 1)26H!)(51H!B#@\*1B#3&!/-5#0 1H!(-&!2B1!(. 1)(91!-@0 , 1)#E!21\*2\*!(&0/-/\*21)1&!; 1)!>==!/- 0 (21\*H!  
 ' B1)1!, u!0 1&/(-!B#@\*1B#3&!/-5#0 1!#E!\*2(21!)1\*/&1-2\*i!, !u!; 1)51-2!#E!\*2(21!)1\*/&1-2\*(2!#)!  
 ,13# ' !2B1!;#. 1)26!31 . 13i!, u!; 1)51-2!#E! ' B/21!\*2(21!)1\*/&1-2\*f!!

**K\$\*)\*!, - <&(k\*)\$. \$-!; \$. !>>G( < , )\$\*!?!>=>DAH!E!>B>>=IF..J!L!MH@DB7M>!IF#J!E!AH=BADA!IF\$J!**

KB1!5#))13(2/#-!5#1EE/5/1-2\*! (\*\*#5/(21&! ' /2B! I (-&! I 5())6!-#!\*2(2/\*2/5(3!\*/9-/E/5(-51!( \*!  
 2B1!;P. (3@1!/\*!3(91!)2B(-!(3;B(!]=F=U^F!?-!5#-2)(\*2H!2B1!;P. (3@1!(\*\*#5/(21&! ' /2B!, !/\*!=F=>H!  
 0 1(-/-9!2B1!5#))13(2/#-!5#1EE/5/1-2!5#- -152!&!2#!, /\*!\*2(2/\*2/5(336!\*/9-/E/5(-2!(2!=F=U!(3;B(F!KB@\*H!  
 (\*!2B1!; 1)51-2!#E!1\*/&1-2\*(2!#)!, 13# ' !;#. 1)26!31 . 13!/-5)1(\*!H!2B1!-@0 , 1)!#E!(&0/-/\*21)1&!21\*2\*!  
 &15)1(\*!\*, 6!(; ;)#S/O (2136!XH^V<V!21\*2\*F!KB!\*!)13(2/#-\*/B/;!/\*!E@)2B1)!1S;3(/-1&!/-!\*152/#-!\F<F!



\F>!4)13/0/-()6!L/-&/-9\*!!!

7. 1)(33H!2B1!)1\*32\*!; )1\*1-21&!/-!\*152/#-!UF>!#E!2B/\*!; ( ; 1)!1S; #\*1&!2B1!&/EE1)1-51\*!/-!5(\*!  
 )(21\*!(0#-9!E(5/3/2/1\*!, 6!\*2(21!(-&!5B())(521)/\*2/5F!KB1!)9B2P\*A1 ' 1&!&(2(!&\*/2)/, @2/#-!5(-!, 1!  
 1S;3(/-1&!/-!3(91!; (2)!, 6!2 ' #!E(5/3/2/1\*H!#-1!/-!G/5B/9(-!(-&!#-1!/-!G)63(-&H! ' B/5B!)1; #)21&!  
 #. 1)!>W=!5#-E)0 1&!5(\*!\*, 1)!>==!/- 0 (21\*F!KB1!E(5/3/2/1\*!)1!/-2(A1!E(5/3/2/1\*H! ' B/5B!\*@991\*2\*!2B(2!  
 2B1!E(5/3/2/1\*!; #; @3(2/#-!/\*!5#- \*2(-236!5B(-9/-9!(-&!0/9B2!-#2!(3/9-! ' /2B!2B1!E(5/3/26!; #; @3(2/#-!  
 #-!L1, )@()6!>H!<=<=<=F! a B/31!2B1!E(5/3/26!/-!G/5B/9(-!)1; #)21&!>VR!5#-E)0 1&!5(\*!\*, 1)!>==!  
 /- 0 (21\*H!)1 0# ./-9!2B/\*!E(5/3/26!E)#0 !2B1!G/5B/9(-!(. 1)(91!#-36!&15)1(\*!&!2B1!(. 1)(91!, 6!  
 (; ;)#S/O (2136!E#@)!5(\*!\*, 1)!>==!/- 0 (21\*!E)#0 !URFU\!2#!UW^VU^F!KB@\*H!G/5B/9(-!)1 0 (/ -1&!  
 (0#-9!2B1!\*2(21\*! ' /2B!2B1!B/9B1\*2!)(21\*!#E!8 7 Q?DP>R!(0#-9!2B1!/- 0 (21!; #; @3(2/#-F!!



\F<!I2(2/\*2/5(336!I/9-/E/5(-2!L/-&/-9\*!!!!

!!!!!!!KB1!,/. ()/(21!)19)1\*\*/#-!(\*\*#5/(21&! ' /2B!;)/#-!31. 13!\*B# ' 1&!\*2(2/\*2/5(3!\*9-/E/5(-51!(2!2B1!

=F>=>!31. 13H! 0 1(-/-9!2B(2!E1&1)(3!E(5/3/2/1\*B(. 1!B/9B1!)(21\*!#E! 8 7 Q?DP>R!KB1!KP21\*2!)@-!#-!

;)/#-!31. 13!(\*1)21&!2B1!\*( 0 1!E/-&/-9F!Y/9B!5#-E) 0 1&!5(\*1\*!#E! 8 7 Q?DP>R!( 0 #-9!E1&1)(3!

E(5/3/2/1\*!5#@3&!, 1!(!)1\*!@32!#E!E@-&/-9!(33#5(2/#-F!G(-6!\*2(21!5#))152/#-(3!&1;())2 0 1-2\*!\*; 1-&! 0 #)1!

0 #- 16!#-!(;!;1)P/- 0 (21!, (\*!2B(-!2B1!E1&1)(3!;)/#-!\*6\*21 0 !&#1\*F!L#)!1S( 0 ;31H!/-!<=>UH!2B1!

(. 1)(91!;1)P61()P5#\*2!#E!(!E1&1)(3!/- 0 (21! ' (\*!nX>HRVZ!JM@)1(@!#E!4)/#- \*H!<=>\`F!?-!2B1!\*( 0 1!

61()H!<<\*2(21!5#))152/#-(3!E(5/3/2/1\*!\*; 1-2!(2!31(\*!n>H====! 0 #)1!#-!(;!;1)P/- 0 (21!, (\*!#H!(-&!2B1!

(. 1)(91!;1)P61()P5#\*2!#E!(-!/- 0 (21!(5)#\*\*!(33!\*2(21!5#))152/#-(3!&1;())2 0 1-2\*!' (\*!nXXH<VW!JQ1)!

?-\*2/2@21H!<=>\`F!KB!\*! 0 1(-!\*2B(2!/-5)1(\*!&!E@-&/-9!/\*!5#-- 1521&!2#!, 1221)!B1(32B!#@25# 0 1\*!( 0 #-9!

2B1!/- 0 (21!;#;@3(2/#-F!!

: &&/2/#-(336H!2B1!,/. ()/(21!)19)1\*\*/#-!;)#&@51&E)# 0 !2B1!)13(2/#- \*B/;! , 12 ' 11-!2B1!

;)\*1-51!#E!(!B1(32B!5())1!(& 0 /-/\*2)(2#)!(-&! 8 7 Q?DP>R!)(21\*!; 1)!>==!/- 0 (21\*!B/9B3/9B2!\*2(2/\*2/5(3!

\*9-/E/5(-51F!KB!\*!E/-&/-9!5(-!, 1!1S;3(/-1&!2B)#@9B!21\*2/-9!(. (/3(, /3/26F! a /2B!B1(32B!5())1!

(& 0 /-/\*2)(2#)\*!, 1/-9!)1\* ;#-\*/ , 31!E#)!B1(32BP)13(21&!E(5/3/26!; #3/5/1\*H!B1(32B!5())1!&13/. 1)6H!(-&!

1-\*@)/-9!2B1!B1(32B!(-&! ' 133P, 1/-9!#E!2B1!/- 0 (21!;#;@3(2/#-H!(!B1(32B!5())1!(& 0 /-/\*2)(2#)!\*

;)\*1-51! 0 1(-!\* 0 #)1! ' /&136!(. (/3(, 31!21\*2/-9!E#)!2B1!/- 0 (21\*F!!

KB1!\*2(2/\*2/5(3!\*9-/E/5(-51!5#))13(21&! ' /2B!2B1!5# 0 0 @-/26!1-9(91 0 1-2!. ()/(, 31!5(-!, 1!

1S;3(/-1&!/-!2B/-A/-9!(, #@2!2B1!26; 1\*!#E!E(5/3/2/1\*!2B(2!(33# ' !/- 0 (21\*!2#!1-9(91! ' /2B!2B1!

5# 0 0 @-/26F!N##A/-9!, (5A!(2!K(, 31!\H! ' 1!\*11!2B(2!7 ; 1-cD#) 0 /2#)6!B#@\*/-9!E(5/3/2/1\*B(. 1!

\*9-/E/5(-2!;P. (3@1\*!(\*\*#5/(21&! ' /2B!3# ' 1)!8 7 Q?DP>R!5(\*!F!\_ 1-1)(336H!E(5/3/2/1\*! ' /2B!

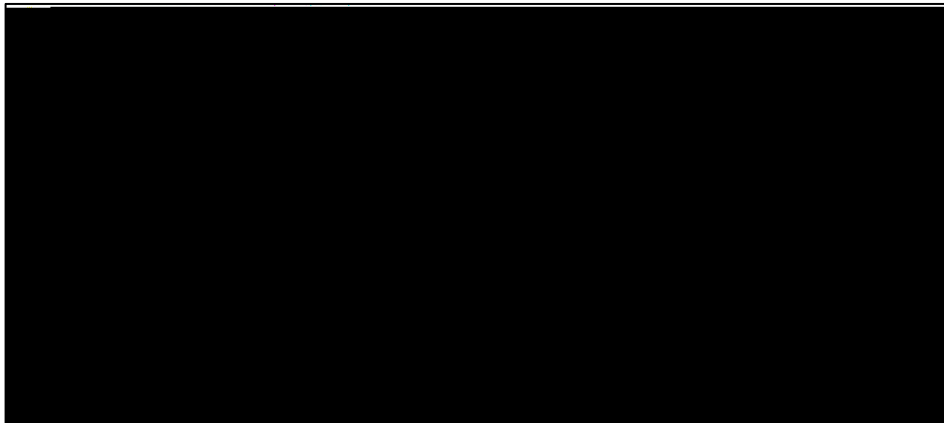
7 ; 1-cD#) 0 /2#)6!B#@\*/-9!(33# ' !/- 0 (21\*!2#!31(. 1!E(5/3/26!; )1 0 /\*!1\*f!U<!; 1)51-2!#E!D#) 0 /2#)6c 7 ; 1-!

B#@\*/-9!E(5/3/2/1\*B(&!5# 0 0 @-/26!1-9(91 0 1-2!; )#9)( 0 \*H!XX!; 1)51-2!#E! 8 # 0 , #!B#@\*/-9!E(5/3/2/1\*!

B(&!5#0 0 @-/26!1-9(9101-2!;)#9)(0\*!(-&!>V!;1)51-2!#E!8133!B#@\*/-9!E(5/3/2/1\*!B(&!5#0 0 @-/26!  
 1-9(9101-2!;)#9)(0\*F!KB1!1- ./)#- 01-2!#E!E(5/3/2/1\*! ' /2B!7 ;1-cD#)0/2#)6!B#@\*/-9!/\*!0#)1!#;1-!  
 (-&!\*; )1(&!#@2!2B(-!E(5/3/2/1\*! ' /2B!5133!B#@\*/-9F!KB@\*H!\*@5B!E(5/3/2/1\*!B(.1!9)1(21)!(, /3/26!2#!\*#5/(3!  
 & /\*2(-51H!#-1!#E!2B1!



%,FA(&!W!2G&9;56!  
 T,FB\*,FB;-!;B&!  
 (&\*),. /-B,E!I&;I&&/!  
 ;B&!/A=I&(!. 9!7\*):H!  
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L/9@)1!U!B/9B3/9B2\*!2B(2!( \*!2B1!-@ 0 , 1)!#E!M3(5A!/- 0 (21\*!2#!#- 1! ' B/21!/- 0 (21!/-5)1(\*!#H!  
 2B1!-@ 0 , 1)!#E! ' B/21!)1\*/&1-2\*!;1)!>==!)1\*/&1-2\*!(3\*#!/-5)1(\*!#F! : !\*/0/3()!3/-1()!)!3(2/#- \*B/;!/\*!  
 \*11-!/-!L/9@)1!\i!( \*!2B1!-@ 0 , 1)!#E!M3(5A!/- 0 (21\*!2#!#- 1! ' B/21!/- 0 (21!/-5)1(\*!#H!2B1!-@ 0 , 1)!#E!  
 8 7 Q?DP>R!5(\*!#;1)!>==!/- 0 (21\*!(3\*#!/-5)1(\*!#F!KB1!2 ' #!E/9@)1\*!2#9!2B1)!1S;#\*1!2B1!)(5/(3!  
 21-\*/#-\*( -&!/-0@\*2/51!/-9)(/-1&!/-!2B1!+ -/21&!I2(21\*C!@ -&1)36/-9!\*6\*21 0 \*H!/-53@&/-9!2B1!5)/0/- (3!  
 0@\*2/51!\*6\*21 0 F!KB/\*!1S;#\*1!2B(2!>`! ' B/21)!\*2(21\*!)1!/-5(51)(2/-9!0#)1!M3(5A!;1#;3!H!(-&!<!  
 ' B/21)!\*2(21\*!)1!5#))!3(21&! ' /2B!B/9B1!)(21\*!#E!8 7 Q?DP>R!( 0 #-9!2B1!/- 0 (21!;#;@3(2/#-F!L)#0!  
 2B/\*H!2B1!5#-53@\*/#-!2B(2! ' B/21)!\*2(21\*!&#!-#2!;)/#)/2/[1!2B1!B1(32B!(-&! ' 133P, 1/-9!#E!2B1/)!  
 ;)1&#0/- (-236!M3(5A!/- 0 (21!;#;@3(2/#-!5(-!, 1!&)( ' -F!!



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KB1!\*2(2/

WZ!

2B1!&(2(\*12! ' 1)1!\*9-/E/5(-236!B/9B1)!2B(-!2B1!5B()(521)/\*2/5\*C!5#@-21);()2F!L#)!1S(O ;31H!\R<!\*2(21!  
 E(5/3/2/1\*! ' 1)1!/-53@&1&!/-!2B1!&(2(\*12H! ' B/31!#-36!UU!M7 4!E(5/3/2/1\*! ' 1)1!/-53@&1&!]\*11!K( ,31!U!  
 E#)!#2B1)!5B()(521)/\*2/5\*`F!KB1)1! ' 1)1!XX!;)/. (21!;)/\*#-\*(-&!V>W!;@ ,3/5!;)/\*#- \*i!2B/\*!O (&1!\*#O 1!  
 5B()(521)/\*2/5\*!O #)1!5B(331-9/-9!2#!(- (36[1!(-&!/-21);)12F!!

: -#2B1)!3/O/2(2/#-!2#!2B/\*!\*2@&6! ' (\*!2B(2!2B1!&(2(!)13/1\*!#-!\*2(21\*!(-&!2B1!M7 4!2#!

(55@)(2136!)1 ;#)2!#-!8 7 Q?DP>R!5(\*1\*i!O (-6!\*2(21\*!5#-&@521&!3/O/21&!21\*2/-9!O 1(-/-9!2B(2!2B1!  
 8 7 Q?DP>R!)(21\*!(O #-9!2B1!/- O (21!;# ;@3(2/#-! ' 1)1!&1E3(21&F! a B/31!\*152/#-!\F=!)1\*1-2\*!(-!  
 1S;3(- (2/#-!E#)! ' B6!E1&1)(3!E(5/3/2/1\*!1S;1)/1-51&!B/9B1!)(21\*!#E!8 7 Q?DP>R!5#O ;()1&!2#!\*2(21!

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KB1!E/-&/-9\*!#E!2B/\*!\*2@&6!\*B# ' !2B1!+ -/21&!I2(21\*C!/-5()51)(21&!;#;@3(2/#-!/\*!(2!/-5)1(\*1&!)

)\*A!#E!5#-2)(52/-9!(-!/-E152/#@\*!&/\*1(\*1!&@)/-9!(!;@,3/5!B1(32B!5)/\*!\*!3/A1!2B1!87Q?DP>R!

;(-&10/5F!KB1!

2)(5A/-9! ' /2B/-!5#))152/#- (3!&1 ; )20 1-2\*F!KB1)1E#)1H!/-5)1(\*1&!2)(- \* ; )1-56!2B)#@9B!E1&1)(3!  
 ;#3/56!5#@3&!\*1(3!2B1!9(;!, 12 ' 11-!; )/\*#- !E(5/3/2/1\*!(-&!2B1/)!5#0 0 @ -/2/1\*F!?!&1(336H!2B1!; #3/56!  
 ' #@3&!1b@/)1!; )/\*#- \*!(-&!#2B1)!5#))152/#- (3!E(5/3/2/1\*!2#)!1 ; #)2! 8 7 Q?DP>R!(-&!#2B1)!/-E152/#@\*!  
 &/\*1(\*1!&(2(H!/-53@&/-9! , @2!-#2!3/0 /21&!2#!5(\*1!)(21H!2B1!2#2(3!-@ 0 , 1)!#E!5(\*1\*H!(91H!)(51H!  
 12B -/5/26!(-&!\*1S!#E!/- 0 (21\*!2B(2!5#-2)(521&!2B1!./.)@\*F!?!?/\*! / 0 ; #)2(-2!2#!-#21!2B(2!2B/\*!&(2(! ' #@3&!  
 -#2!/-E)/-91!@; #-!/-&/ ./&@(3!/- 0 (21\*C!; )/ . (56!(\*12B1!&(2(! ' #@3&!-#2! , 1!5#- -1521&!2#!/- 0 (21!  
 /&1-2/2/1\*F!?! ' #@3&!(33# ' !2B1!5#0 0 @ -/26!2#!0 10 , 1)\*!(-&!1 0 ; 3#611\*!2#!@-&1)\*2(-&!2B1!)/\*A!  
 8 7 Q?DP>R!(-&!#2B1)!/-E152/#@\*!&/\*1(\*1!; #\*1!2#!2B1 0 F!41#; 31!B( . 1!2B1!)/9B2!2#!A-# ' !( , #@2!2B1!  
 B1(32B!(-&! ' 133P, 1/-9!#E!2B1/)!5#0 0 @ -/26F!?-5)1(\*1&!2)(- \* ; )1-56! ' #@3&!(3\*#!  
 1-( , 31!; #\*\*/, 31!)1\*1()5B!&/\*5@\*\*1&!/-!RF>!2#! , 1!5#0 ; 3121&!2B#)#@9B36F!?-P2@)-H!2B/\*! ' #@3&!1-( , 31!  
 5#))152/#- (3!&1 ; )20 1-2\*!2#! , 1221)!2B1/)!(; ; )#(5B1\*!2#!&/\*1(\*1!#@2 , )1(A\*F!!!

\_1-1)(3!2)(- \* ; )1-56!#- !2B1!B1(32B!5()1!&13/ . 1)6! ' /2B/-!/-&/ ./&@(3!E(5/3/2/1\*!/\*!(3\*#!  
 /0 ; #)2(-2F!KB1!; )/\*#- !5B() (521)/\*2/5!&(2(!E#)!2B/\*!\*2@&6! ' (\*!(5b@/)1!&E)#0!4)/\*#-!J ( ; !!  
 %3/0/- (2/#-! : 52!)1 ; #)2\*!]4 J % : ! J 1 ; #)2\*^F!KB1!4 J % : !)1 ; #)2\*!)1b@/)1!(@&/2\*!#E!  
 /-5()51)(2/#- !E(5/3/2/1\*!1 . 1)6!2B)11!61()\*( -&!B( . 1!/-E#)0 (2/#- !#- !2B1!&1\*/9- (21&!5( ; (5/26H!  
 \*15@)/26!31 . 13H!-@ 0 , 1)!#E!\*2(EE!125F!KB1!9#(3!#E!2B1!(@&/2\*!/\*!2B1!1 - \*@)1!2B1!E(5/3/2/1\*!())1!(&B1)/-9!  
 2#!; #3/56!; @2!/-!; 3(51! , 6!2B1!4)/\*#-!J ( ; 1!%3/0/- (2/#-! : 52F! : !-@ 0 , 1)!#E!2B1!4 J % : !)1 ; #)2\*!(3\*#!  
 /-53@&1&!

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E(5/3/2/1\*H!/O ;31 0 1-2(2/#-!#E!21\*2/-9!;3(-!E#)!\*2(EE!(-&!/- O (21\*(-&!15#9-/[/-9!2B1!;1)51-2!#E!2B1!  
1 0 1)91-56! , @&9!2!- 11&1&2#!\* @551\*\*E@336!/ O ;31 0 1-2!2B1!)1\* ;#- \*1!;3(-F!!!

7 - 1!5# 0 ;#- 1-2!2B(2!/\*!/- !2B1!5#-2)#3!#E!5#))152/#- (3!E(5/3/2/1\*!/\*!@-&1)\*2(-&/-9! ' B1)1!2B16!  
' 1-2! ' )#- 9H!31(-/-9!E)#0 !2B1! O/\*2(A1\*(-&!E/S/-9!/2!E#)!2B1!- 1S2!2/ O 1!2B1!E(5/3/26! O @\*2!&1(3! ' /2B!  
2B1!#@2, )1(A!#E!(-!/-E152/#@\*!&/\*1(\*!F!KB1!&1 . 13#; 0 1-2!#E!(!B()1&!1 0 1)91-56!)1\* ;#- \*1!;3(-!  
, (\*1&#-!1S; 1)/1-51\*(-&!&(2(! ' #@3&!, 1221)!1b@/; !5#))152/#- (3!E(5/3/2/1\*!2#!5#-E)#-2!; (-&1 O/5\*!  
(-&!#2B1)!5#-2(9/#@\*!&/\*1(\*!#@2, )1(A!/- !2B1!E@2@)1H! ' B/5B! ' #@3&!; )#2152!2B1!(3)1(&6! . @3-1)( , 31!  
/- O (21!;#; @3(2/#-F!!!

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ZFX!Q(55/- (2/#- !43(-!!

I/- 51!0/&PD151 0 , 1)!<=<=!2B1!+ -/21&!I2(21\*B(\*!, 11-! ' #)A/-9!#-!1EE/5/1-236!)#33/-9!#@2!  
2B1!8 7 Q?DP>R! . (55/- 1F!KB1!)#33P#@2!;3(-!3##A\*!2#!; )/#)/2/[! : 0 1)/5(- \*! ' B#!()1! O##\*2!(2!)\*A!#E!  
1S;##@)1!2#! 8 7 Q?DP>R!(-&!(3\*#!&/\*2)/ , @21!/2!/-!(!2/ O 136!E(\*B/#-F!I2(21! . (55/- (2/#-!;3(- \*!B( . 1!  
;)/#)/2/[1&! . (55/- (2/-9!2B1!/- O (21!;#; @3(2/#-F!KB1!E#33# ' /-9!\*2(21\*B( . 1!/- O (21\*!/- !2B1!E/)\*2!  
;B(\*!#E!2B1! . (55/- (2/#-!;3(-f! : 3( , ( O (H! : 3(\*A(H! : )/#- (H! 8 (3/E#)-/(H! 8#-- 152/5@2H!  
D13( ' )1H!# ' (H! o (-\*( \*H!G/\*\*/\*\*/; ;/H!G#-2(- (H!G (\*\* (5B@\* 122\*H!G ()63(-&H! e 1 , )(\*A(H! e 1 ' !  
T1)\*16H! e 1 ' !G1S/5#H! e #)2B!8 ()#3/- (H! e #)2B!D(A#2(H! 7 A3(B# O (H!Q/9)/-(H!  
a (\*B/-92#-!(-&!7)19#-!]K#3, 1)2H! o (21\*H! ^!G/5B(@&H!<=<=>`F!!KB1!;)/#)/2/[ (2/#- !#E!  
/- O (21\*!/-!2(21! . (55/- (2/#-!;3(- \*!(5 0 0 0 (-\*)- 0 .2(!)Qq 0 .244E5 5706915(7-\*)41(T)(H!)24 s 73 . 1 0 .2(!2)\*- (H![(

2B(2!/- 0 (21!(, /3/26!2#1-9(91! ' /2B!2B1!5#0 0 @ -/26!&#1\*!-#2!/-5)1(\*1!2B1!)(21\*!#E!8 7 Q?DP>RF!KB/\*!  
 \*@991\*2\*!2B(2!/- 0 (21\*!()1!-#2!2B1!#-1\*!, )/-9/-9!2B1!. /)@\*!/-2#!2B1!E(5/3/2/1\*F!?- \*21(&#1; 1#; 31#!  
 /-53@&/-9!1 0 ;3#611\*!(-&! . #3@-211)\*!(-&!#2B1)!E(5/3/26!; 1)\*#-- 13! ' B#!5#0 1!/-!(-&!#@2!#E!2B1!  
 E(5/3/2/1\*!&/36!()1!, )/-9/-9!2B1!. /)@\*!/-2#!2B1!E(5/3/2/1\*F!KB@\*H!, (\*1&!#-!2B1!5#0 0 @ -/26!  
 1-9(91 0 1-2! . )/(, 31#!; )/\*#-!

/-&/./&@(3!4 J% :!)1 ;#)2\*H!+ 8N :!8 7 Q?DP>R!M1B/-&!M(\*)4)/\*#-!4)#0152!(-&!2B1!0#\*2!)151-2!+ I!  
81 -\*@\*F!!

I2(2/\*2/5(3!\*9-/E/5(-51!)19()&/-9!)(21\*!#E!5#-E/)0 1&!8 7 Q?DP>R!5(\*1\*!' (\*!E#@-&!/-!  
)13(2/#-!2#!;)/\*#-!31. 13H!2B1!;)1\*1-51!#E!(!B1(32B!5()1!(&0/-/\*2)(2#)H!/- 0(21!(, /3/26!2#!1-9(91!' /2B!  
2B1!5#0 0@-/26H!, 3(5AP2#P ' B/21!/- 0(21!)(2/#!#E!(!\*2(21!(-&!\*2(21!0 1&/(-!B#@\*1B#3&!/-5#0 1F!KB1!  
B/9B1!)(21\*!#E!8 7 Q?DP>R!/-!E1&1)(3!;)/\*#-!\*5(-!, 1!1S;3(-1&!2B)#@9B!3# ' 1)!; 1)P/- 0(21!E@-&/-9F!  
: -#2B1)!; 3(@\*/ , 31!1S; 3(- (2/#-!E#)!2B/\*!/\*!2(21!5#))152/#- (3!&1; ( )20 1-2\*C!3(5A!#E!8 7 Q?DP>R!  
)1 ;#)2/-9F!KB1!/-5)1(\*1&!)(21!#E!8 7 Q?DP>R!5(\*1\*!(0#-9!5#))152/#- (3!E(5/3/2/1\*!' /2B!(!B1(32B!5()1!  
(&0/-/\*2)(2#)!#-!\*2(EE!/\*!3/A136!(!)1\*@32!#E!0#)1!(551\*\*/, 31!21\*2/-9!;)#9)( 0\*!' /2B/-!2B#\*1!E(5/3/2/1\*F!  
KB1!3# ' 1)!)(21\*!#E!8 7 Q?DP>R!(\*\*#5/(21&! ' /2B!2B1!5#0 0@-/26!1-9(910 1-2!. )/( , 31!)1!3/A136!(!  
)1\*@32!#E!2B1!1- ./)#- 0 1-2!5)1(21&!, 6!2B1!26; 1!#E!E(5/3/2/1\*!2B(2!(33# ' !/- 0(21\*!2#!31( . 1!2B1!  
;)10/\*1\*F!

KB1)1!' (\*!3/2231!\*2(2/\*2/5(3!\*9-/E/5(-51!E#@-&!, 12 ' 11-!5#-E/)0 1&!8 7 Q?DP>R!)(21\*!(-&!2B1!



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I2(21\*!&#1\*!-#2!;)/#)2/[1!2B1!B1(32B!#E!O()9/- (3/[1&!;#;@3(2/#-\*/-53@&/-9!2B(2!#E!2B1!/-O(21!  
;#;@3(2/#-!(-&!O#)1!\*;15/E/5(336!2B1!; )1&#O/- (-236!M3(5A!/-O(21!;#;@3(2/#- \*F!!

!

RF>!L@2@)1!J1\*1()5B!!

KB/\*!\*2@&6!/\*!O1)136!2B1!\*2()2!#E!)1\*1()5B!\*@))#@-&/-9!87Q?DP>R!(-&!;)/\*#- \*H!(-&!O#)1!  
,)#(&36H!)1\*1()5B!E#5@\*/-9!#-!87Q?DP>R!(-&!9)#@;!3/.-9!E(5/3/2/1\*F! a B/31!2B1!E#5(3!;#/-2!#E!2B/\*!  
)1\*1()5B!/\*!51-21)1&!#-!2B1!)13(2/#- \*B/;! ,12 ' 11-!/-5()51)(2/#-!E(5/3/26!5B() (521)/\*2/5\*!(-&!  
87Q?DP>RH!/2!&/&!-#2!(- (36[1!2B1!&/EE1)/-9!/0 ; (52\*!2B(2!;#3/5/1\*!(-&!19@3(2/#-\*/!0 ;3101-21&! ,6!  
;)/\*#- \*H! ' /2B!(!9#(3!#E!5@),/-9!2B1!\*; )1(&!#E!87Q?DP>RH!B(&!#-!87Q?DP>R!/-E152/#-!)(21! ' /2B/-!  
2B1!E(5/3/2/1\*F!L@)2B1!)!1\*1()5B!5(-!,1!&#-1!2#!@-&1)\*2(-&! ' B(2!)19@3(2/#- \*!&/&!(-&!&/&!-#2!B13;!/-!  
3/0/2/-9!2B1!\*; )1(&!#E!87Q?DP>R!(O#-9!/-O(21\*F! : &&/2/#- (336H!2B1!M@)1(@!#E!T@\*2/51!I2(2/\*2/5\*!

U\!

)(51H!(5b@/)/-9!2B1!&10#9)(;B/5\*H!#E!2B1!/-&/./&@(3!E(5/3/2/1\*H!(-&!&10#9)(;B/5\*!#E!/-0(21\*!'B#!  
 5#-2)(521&!87Q?DP>R!'#@3&!1-(,31!(!&11;1)!@-&1)\*2(-&/-9!#E!(-6!5#))13(2/#-!,12'11-!87Q?DP  
 >R!(-&!51)2(/-&10#9)(;B/5\*F!: -!(-36\*/\*!#E!;1)P/-0(21\*;\*1-&/-9!E#)!/-&/./&@(3!E(5/3/2/1\*!(-&!  
 87Q?DP>R!5#-E/)01&!5(\*1\*!'#@3&!B/9B3/9B2!2B1!)13(2/#-\*B/;! ,12'11-!/-0(21\*;\*1-&/-9!(-&!  
 87Q?DP

!!	"#\$%&'&\$()*!	+) , (- , . - ! / .. # . !	!)!+ , )!	012,34\$!	5#6\$.! 789!	: ; ; \$.! 789!
	<\F>UUW!	>FXRX>!	>ZFFVWW!	=F=====!	<XFW>VW!	<ZFZRXXW!
	PUFVWWZ!	XF=W=V!	P>FZZRX!	=F=URU!	P>>FV<=Z!	=F<X><!
	>F<=UU!	<F\UWV!	=FWUW>!	=F\U==!	PWF=>>Z!	\FW<<Z!

0)I\*&!\$"!231.4&56!J19)1\*\*/#-!#@2;@2!E#)!(-(36\*/#!#E!B#@\*/-9F!KB/\*!'(\*!-#2!1.(3@(21&! (2!2B1!=F>=!  
\*/9-/E/5(-51!31.13!,15(@\*1!2B1!(0;31!\*/[1!'(\*!3()91F!!!!

!!	"#\$%&'&\$()*!	+) , (- , . - ! / .. # . !	!)!+ , )!	012,34\$!	5#6\$.!789!	: ; ; \$.!789!
	<WF>W><!	>F\ZZW!	>WF<RZX!	=F=====!	<=FZ<<R!	<VFWURU!
	<FRXVZ!	<FZ\R<!	>F=<XR!	=FX=\W!	P<FV=>>!	ZFUV\ \!
	<FXRVU!	<FWVRX!	=FR\ V=!	=FXXW>!	P<FWVU<!	VF<V=>!
	P<=FZVW>!	>XFX\UV!	P>FU\>Z!	=F>>R>!	PWVF>W<W!	UFXRW<!

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3!^&4,&I!.9!>;);&!>)/')(' -!)/'!@/-E&:;,./-!9.(!G.:)\*!O&;&/;,. /!%):,\*;, &-!]4@,3/5(2/#-`F!]<=<>`F!  
 8 : f!N19/\*3(2/.1! : -(36\*2!7EE/51F!

: 8N+F!] -F&F!7 .1)5)# ' &/-9!(-&!#2B1)!2B)1(2\*!2#B1(32B!(-&!\*(E126F! J 12)/1 . 1&!L1 , )@()6!>VH!<=<>H!  
 E)#O !B22;\*fcc ' ' ' F(53@F#)9c/\*\*@1\*c;)/\*#-1)\*P)/9B2\*c5)@13P/-B@O (-P(-&P&19)(&/-9P  
 5#-&/2/#-\*c#.1)5)# ' &/-9P(-&P#2B1)P2B)1(2\*PB1(32BF!

8()\*#-H! : --!%F!]<=<=H! 7 52#, 1)`F!4)/\*#- 1)\*!/-!<=>RF! J 12)/1 . 1&!E)# 0!  
B22;\*fcc ' ' ' F, 0\*F9#. c5#-21-2c; @, c; &Ec; >RF; &EF!

8(\*231H!TF!]<=<=H! : ;)/3!<`F! 8#)#-(./)@\*!#@2,)1(A! : 2!G()/#-H! 7 B/#!;)/\*#-f! a B(2! ' 1!A-# ' !\*#!E()F!  
J 12)/1 . 1&!L1,)@()6!>VH!<=<=>H!E)# 0!  
B22;\*fcc ' ' ' F O()/#- \*2()F5# 0 c\*2#)6c- 1 ' \*c<=<=c=Wc<>c5#)#-(./)@\*P O()/#-P#B/#P;)/\*#-P ' B(2P  
' 1PA-# ' P5#))152/#-(3P5#./&P>RP#@2,)1(AcU>\U=>\==<F!

8D8 J !E(5/3/26!N#5(2#)F!]<=<=>H!L1,)@()6!>`F! J 12)/1 . 1&!L1,)@()6!>VH!<=<=>H!E)# 0!

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G()\*5B(AH!NHH!+-(-9\*2H!TFF!^!M1)[#E\*A6H!GF!]-F&F!>E&.:)\*!^&E.(;6!K&',:)\*!+(.I\*&=-!.9!>);&!
)/'!%&'&()\*!+(,-./&(-!)/'!d),\*!@/=);&-D!"R\$M\$"'!]+I!D1;( )201-2!#E!T@\*2/51H!M@)1(@!#E!
4)\*#-!I2(2/\*2/5\*F!

G(\*\*#93/(H!GFH!^!4)/&10#)1H! a F! : F!]<=>U`F!?-5()51)(2/#-!(-&!B1(32BF!3//A)\*!^&4,&I!.9!
>.:. \*. F<D!S\$]>`H!<R>PX>=F!&#/f>=F>>W\c(-@)1.P\*#5P=VX=>WP>><X<\F!

G(@1)H!GF!]-F&F!KB1!Y#@\*1!#E!2B1!D1(&f!K@,1)5@3#\*/\*(-&!?-5()51)(2/#-F!?-!>>RRUXRWZ=!
ZRUUVZ<W<!GF!G1&(!8B1\*-16PN/-&!]%&F!H!@/4,-,I\*&!+A/, -B=&/;6!OB&!J. \*\*);&()\*!
J./-&fA&/:&-!.9!K)-!/@=E(-./=&/;!];;F!<XRP<UV`F!

G58()2B6H!eF!]<=>ZH!T(-@()6!X=`F!KB1!' #)3&d!\*0#\*2!7.1)5)#' &1&!;)/\*#-!I6\*210\*!q?-E#9)(;B/5rf!
J12)/1.1&!L1, )@()6!>VH!<=<>H!E)#0!
B22; \*fcc ' ' ' FE#), 1\*F5#0c\*/21\*c-/ (33055()2B6c<=>Zc=>c<\c2B1P' #)3&\*P0#\*2P#.1)5)#' &1&P
;)/\*#-P\*6\*210\*P/-E#9)(;B/5cf!

G58@33#@9BH!TF!]<=>VH!T@36!<=`F!Y1(2!/\*!; )2!#E!3/E1!(2!K1S(\*!;)/\*#- \*H!, @2!E1&1)(3!0@&91!#)&1)\*!#- 1!
2#!5##3!/2F!J12)/1.1&!L1, )@()6!>VH!<=<>H!E)#0!
B22; \*fcc ' ' ' F21S(\*2)/, @-1F#)9c<=>Vc=Vc<=c21S(\*P;)/\*#-PB1(2P(/)P5#-&/2/#-/-9P3(' \*@/2F!

e&1EE#PG, (BH!GFH!Q/93/#22/H!QFH!IA)/;H!NHH!D#3(-H!oFH!^!\_ (3. (-/H! : F!]<=>ZH!G()5B!>\`F!D6-(0/5!
0#&13\*!#E!/-E152/#@\*!&/\*1(\*1!2)(-\*0/\*\*/#-!/-!;)/\*#- \*!(-&!2B1!91-1)(3!;#; @3(2/#-F!J12)/1.1&!
L1, )@()6!>VH!<=<>H!E)#0!B22; \*fcc&#/F#)9c>=F>=RXc1;/)1.c0SS=>WF!

e?YF!]<=<=`F! a B6!87Q?DP>R!21\*2/-9!/\*!2B1!A16!2#!9122/-9!, (5A!2#!-#)0(3F!J12)/1.1&!L1, )@()6!
>VH!<=<>H!E)#0!B22; \*fcc ' ' ' F-/(F-/BF9#.c-1 '\*c' B6P5#./&P>RP21\*2/-9PA16P9122/-9P, (5AP
-#)0(3F!

J 12)/1 . 1&!L1 , )@()6!>VH!<=<>H!E)# 0 !B22 ; \*fcc2B1 ( ; ; 1(3F#)9c# , \*5@)1P-1 ' P01)\*16P2)1(2 0 1-2P  
E(5/3/26PB(\*P(PB/9B1)P5# . /&P>RP&1(2BP)(21P2B(-P(-6P;)/#-P/-P2B1P5#@-2)6F!

I#3/\*H!TFH!L)(-5#P4()1&1\*H!8FH!Y1-(#PG()2y-1[H! : F!L!FH!o)\* (AH!G FH! ^!" / 0 0 1)H! IF! GF!]<=<=>F!  
I2)@52@)(3! . @3-1)( , /3/26!/-!B1!+F!IF!)1 . 1(31&!/-!2B)11! ' ( . 1\*!#E!5# . /&P>RF!OB&!3=&(, : ) /!  
d . A( / ) \*! . 9!O( . E, : ) \*! K & ' , : , /&! ) / ' ! T < F , & / &! \$ R ? ] > H! < UP < VF! & # / f > = FW < \ Rc ( 0 2 O BF < = P = XR > F!

I2(-316H!NF!NF!]>R>R`F!?-E3@1-[(!2I(-!p@1-2/-!;)/#-H!8(3/E#)-/(F!+AI\*, : !T&)\*;B!^&E. ( ; -!2\$ [PXM  
\$PZR5)!?S]>R`H!RR\F!&#/f>=F<X=VcWUVU>W<F!

K1S(\*!D1 ; )2 0 1-2!#E!8)/0/- (3!T@\*2/51!P! : 91-56!7 ; 1)(2/-9!M@&912F!]<=<=>F!J 12)/1 . 1&!E)# 0 !  
B22 ; \*fcc ' ' ' F2&50F21S(\*F9# . c&#5@ 0 1-2\*c, E&cLm<=<=>v 7 ; 1)(2/-9vM@&912F ; &EF!

K#3, 1)2H!TFH!o(21\*H!TFH! ^!G/5B(@&H!TF!]<=<>H!L1 , )@()6!>`F!KB1!8 7 Q?DP>R!Q(55/-1!;)/#)/26!3/-1!  
5#-2/-@1\*!2#!5B(-91!(!\*2(21\*!O(A1!E@)2B1)!@ ; &(21\*F!J 12)/1 . 1&!G()5B!>XH!<=<>H!E)# 0 !  
B22 ; \*fcc ' ' ' FAEEF#)9c ; #3/56P ' (25Bc2B1P5# . /&P>RP . (55/-1P;)/#)/26P3/-1P5#-2/-@1\*P2#P5B(-91P  
(\*P\*2(21\*P O(A1PE@)2B1)P@ ; &(21\*cF!

+ -/21&!I2(21\*!\_# . 1)- 0 1-2! : 55#@-2( , /3/26!7EE/51F!]<=<=>H!I 1 ; 21 0 , 1)`F!7A(&)A! . 9!+( , - . /-F!

+ I!N19(3F!]-F&F!I2(21!4)/#-!N( ' !(-&!N19(3!D1E!/-/2/#-F!J 12)/1 . 1&!D151 0 , 1)!<H!<=<=>H!E)# 0 !  
B22 ; \*fcc&1E!/-/2/#- \*F@\*319(3F5# 0 c\*c\*2(21P;)/#-F!

Q1)(!?-\*2/2@21F!]<=<=>`F! : --@ (3!&121) 0 / - (2/#-!#E!( . 1)(91!5#\*2!#E!/-5()51)(2/#-F!J 12)/1 . 1&!L1 , )@()6!  
>=H!<=<>H!E)# 0 !B22 ; \*fcc ' ' ' F . 1)(F#)9c ; @ , 3/5(2/#- \*c ; )/51P#EP ; )/\*#- \*P<=>UP\*2(21P\* ; 1-&/-9P  
2)1-&\*c ; )/51P#EP ; )/\*#- \*P<=>UP\*2(21P\* ; 1-&/-9P)1-&\*c ; )/51P#EP ; )/\*#- \*P<=>UP\*2(21P\* ; 1-&/-9P  
2)1-&\*P ; )/\*#- \*P ; 1-&/-9F!

a 1/H! a F!%FH!N/H! " FH!8B/1 ' H!8F!TFH!m#-9H!IF!%FH!K#BH!GF!4FH! ^!N11H!QF!TF!]<=<=>F!4)1\*6 0 ; 2# 0(2/5!  
2)(- \* 0/\*\*/#-!7L!)\*P5# . P<! z !I/-9( ; #)1H!T(-@()6!>XwG()5B!>\H!<=<=>F!K K a ^#!K . (I , ' , <!  
) / ' ! K . ( ; ) \* ; <! a &H\* < ! ^ & E . ( ; ! X P ] > W ` H! W >> P W > U F! & # / f > = F > U U Z U c O O ' ) F O O \ R > W 1 > F!

a 1\*316H!JF! a F!]<=<>H!L1 , )@()6!>\`F!I 4 % 8 ? : N!J % Q ? % a !KB1!8(3/E#)-(!D1 ; )2 0 1-2!#E!  
8#)152/#-\*( -&!J 1B( , /3/2(2/#-!qN1221)!2#!\_# . 1)-#)#E!8 : !(-&!N19/\*3(2/ . 1!N1(&1)\*r!7EE/51!  
#E!2B1!?- \* ; 152#)!\_ 1-1)(3H!I(5)(O 1-2#H!8(3/E#)-/(F!

a Y 7F!]-F&F!8#)#- ( . / ) @ \* ! D / \* 1 ( \* 1 ! ] 8 7 Q ? D P > R ` ! D ( \* B , # ( ) & F ! J 1 2 ) / 1 . 1 & ! : ; ) / 3 ! U H ! < = < > H ! E ) # 0 !  
B22 ; \*fcc5# . /&>RF ' B#F/-2cj953/&u80 ' o 8 : 0 ' / 7 . VMJMJ% / ' : x Y , . XDm% e I x EP  
\_T7@ ; 7/N0Q@9x6 ; x [ " , BIY=#e YRL0SS, 0U%Ye 7V=, >< , S#8T5mp : . DvM ' %F!

"@5A1)O(-H!TF!]<=<=>H!I 1 ; 21 0 , 1)!<<`F!8#)#- ( . / ) @ \* ! & 1 ( 2B!K 7 NN!I + J 4 : I I % I ! > = = ! / - ! 7 B / # !  
 ; ) / \* # - \* F ! J 1 2 ) / 1 . 1 & ! L 1 , ) @ ( ) 6 ! > V H ! < = < > H ! E ) # 0 ! B 2 2 ; \* f c c B / 9 B 3 ( - & 5 # @ - 2 6 ; ) 1 \* \* F 5 # 0 c 8 # - 2 1 - 2 c ? - P  
KB1Pe 1 ' \*cY1(&3/-1\*c : )2/531c8#)#- ( . / ) @ \* P & 1 ( 2BP2#33P\* @ ) ; ( \* 1 \* P > = = P / - P 7 B / # P  
 ; ) / \* # - \* c < c V X c \ = < V X F!



>>F>!M/,3/#9)(;B6!w!D(2(!8#33152/#-!!!

:3(,(0(!D78F!]-F&F!KB1!4)/#-!J(;!%3/0/-(2/#-!:52!<==X!]4J%:`F!J12)/1.1&!D1510,1)!<RH!  
<=<=H!B22;fcc' ' 'F&#5F\*2(21F(3F@\*c);)1(F!

!

)/[#-(!D8JJF!]-F&F!J1;#)2\*F!J12)/1.1&!D1510,1)!<RH!<=<=H!E)#0!  
B22;\*fcc5#)152/#- \*F([F9#.c)1;#)2\*P&#5@01-2\*c)1;#)2\*F!

!

8(3/E#)-/(!8DJ8F!]-F&F!4J%:!:--@(3!J1;#)2\*!(-&!:@&/2\*F!J12)/1.1&!D1510,1)!<RH!<=<=H!  
B22;\*fcc' ' 'F5&5)F5(F9#.c;)1(c;)1(c)1;#)2\*P(@&/2\*F!

!

8#3#)(&#!D78F!]-F&F!4)/#-!J(;!%3/0/-(2/#-!:52!]4J%:`F!J12)/1.1&!D1510,1)!<RH!<=<=H!  
E)#0!B22;\*fcc5#3#)(&#5<F0/9)(21F(5b@/(F5#0c;(5/E/5c5&#5c;)/#-P)(;1P13/0/-(2/#-P(52P  
;)1(F!

!

8#--152/5@2!T@&/5/(3!M)(-5BF!]-F&F!4J%:;!J1;#)2\*F!J12)/1.1&!D1510,1)!<RH!<=<=H!E)#0!  
B22;\*fcc' ' 'F0@&F52F9#.c4J%:c)1;#)2\*FB203F!

D#3#./5BH!IH!% .1)22H!GHH!G()b@1[!eFH!^!T#B-\*#-H!YF!]-F&F!+8N:!(3('!8#./&P>R!M1B/-&!M(\*)!  
D(2(!4)#0152F!J12)/1.1&!L1,.)@()6!>VH!<=<=>H!E)#0!  
B22;\*fcc3('F@53(F1&@c(5(&10/5\*c51-21)\*c5)/0/-(3P0@\*2/51P;#)9)(0c@53(P5#./&P>RP,1B/-&P  
,()\*P&(2(P;)#0152F!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=>R`F!3\*\*&/I..!%JJ!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!<UH!  
<=<=H!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c5((c5((v;))1(v<=>V><F;&EF!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=>V`F!3\*.:&4,\*\*&!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!<UH!<=<=H!  
E)#0!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c(3/c:N?v;))1(v<=>V=WF;&EF!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=>Z`F!3\*);)!`>+!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!<UH!  
<=<=H!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c(23c;))1(v(23v<=>ZF;&EF!

!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=>Z`F!7&)A=.;)!`>+!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!<UH!  
<=<=H!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c,03c,03v;))1(F;&EF!

!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=>V`F!7&//&;-4,\*\*&!%J@!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!  
<UH!<=<=H!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c,1-cM%ev;))1(v<=>V=<UF;&EF!

!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=<=`F!7A;/&(!%JJ!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!<UH!  
<=<=H!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c,@BcM+Yv;))1(F;&EF!

!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=>V`F!7(.H<!/KOJ!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!<UH!  
<=<=H!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c,)#c,)#v;))1(v<=>VF;&EF!

!

L1&1)(3!M@)1(@!#E!4)/#- \*F!]<=>V`F!J)/)!`>+!+^c3!3A',;!J1;F!J12)/1.1&!D1510,1)!<UH!  
<=<=H!B22;\*fcc' ' 'F,#;F9#.c3#5(2/#-\*c/-\*2/2@2/#-\*c5((c5((v;))1(v<=>V><F;&EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!J)(- I & \*\*!%K J!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c5) ' c;)1(v5) ' F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!J. \*&= ) /!%J J!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c5#; c8 7 4v; )1(F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=<=`F!JB, : ) F. ! K J J!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c55c8 8 8 v; )1(v<=<=v=U>Rf; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!JA= I & (\* ) / ' !%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c5@ 0 c8 + G v; )1(F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>V`F!OAI\*, /!%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c3#Ec; )1(v3#EF; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!c / F \* & I . . ' !%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c1- 9c; )1(v1- 9F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!c \*! ^ & / . !%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c1)1c; )1(vE/- (3v)1; #)2v1)1F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>V`F!c -; ; \*!%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!<=<=#!  
B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c1\*2c1\*2v; )1(v=V>VF; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!%, ( ; . /!%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*cE(/c4 J % : vE(/F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>V`F!%. ( ; ! O, L!%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!  
B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*cE2&c4 J % : vE/- (3v)1; #)2vE2&F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!%. ( ; ! a . ( ; B!%K J!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<UH!<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*cE2 ' c; )1(vE2 ' F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!g, \* = & (!%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c9/3c; )1(v9/3v>>>R, F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!T. A-; . /!%O J!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*cB#@c; )1(vB#@F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>V`F!G)OA/)!%J @!+ ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c3(2cN : Kv; )1(F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=<=`F!G& I, -IA(F! ` >+ / + ^ c 3!3A ',;!] J 1;F F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c31 ' cN% a v; )1(v<=<=X<UF; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>ZF!G. =E. :!%J J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c3#Ec; )1(v3#EF; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>RF!G. -!3 /F&\*!-!K O J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!  
<UH!<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c2) 0 c; )1(v2) 0 F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=<=`F!K)(, . /!` >+!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c 0 )c4 J % : v 0 ( )F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>ZF!K, ) =, !%O J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c 0 / 0 c; )1(v 0 / 0 F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!K, \*) /!%J @!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!<=<=#!  
B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c 0 / 3c G ? N v; )1(F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>V`F!K. /;F. =&( <+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c 0 # - c; )1(v 0 # - v > V F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!C & I!Q. (H!K J J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c- 6 0 c e m G v; )1(F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!8 H\* ) B. = )!J, ; <!%O J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!  
<UH!<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c#A 3c; )1(v#A 3F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!8, ; -4, \*\*&!%J @!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c#2. c#2. v; )1(v<=>Z F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>R`F!+ & ; &(- I A (F!%J @!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc&XB 6 S [S 10U ' =, ZF53#@&E)#- 2F- 12c3#5(2/#- \*c/- \*2/2@2/#- \*c; 12c4% x v; )1(F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>V`F!+ B, \*) ' &\*E B, )!%O J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!  
<UH!<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c; B3c4 Y N v; )1(v<=>V F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!+ . \*\* . :H!%J J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c; # 0 c 4 7 G v; )1(F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!^ ) <!7 ( . . H!%J @!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c), A c; )1(v), A F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!^ . :B &- ; &(!%K J!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!  
<=<=#!B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c)5 B c; )1(v)5 B F; &EF!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=<=`F!O \*\*) ' &F!+ ^ c 3!3A ',;!J 1;F!J 12)/1. 1&!D151 0 , 1)!<UH!<=<=#!  
B22; \*fcc ' ' ' F, #; F9#. c3#5(2/#- \*c/- \*2/2@2/#- \*c&9c K D \_ v; )1(v<=<==U= W F; &EF!

!

!

L1&1)(3!M@)1(@!#E!4)/\*#- \*F!]<=>Z`F!

\V!

G/\*\*/\*\*/; ;/!D7 8F!]-F&F!4J% : !: @&/2!J1;#)2\*F!J12)/1.1&!D1510,1)!<R#!<=<=#!  
B22;\*fcc ' ' ' FO&#5FO\*F9#.cD/./\*/#-\*c4(91\*c4J% : P : @&/2P

