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=)\$. / . / ! > & \$ < 2 ' !!! ! 1 ? ? 3 4 3 M ! < 5 ! 1 5 E < 5 3 ! ? 1 4 6 9 7 !!  
S 5 7 4 1 M C F 7 < 1 5 ! 7 1 ! S 5 7 3 4 5 9 7 < 1 5 9 E ! R 3 E 9 7 < 1 5 = \_ !!! !  
S 5 7 3 4 5 9 7 < 1 5 9 E ! [ 4 J 9 5 < a 9 7 < 1 5 = ! ! ! !  
I 9 C = 3 = ! 1 ? ! V 9 4 ! 9 5 M ! , 3 9 F 3 ! ! ! !  
K 1 M 3 E ! ; 5 < 7 3 M ! ] 9 7 < 1 5 = ! ! ! ! ! !  
O C 6 9 5 ! R < J - 7 = !! ! ! ! !  
O 1 5 1 4 = ! P < 4 = 7 ! ` 3 9 4 ! G 3 6 < 5 9 4 N ! !  
!!!! K 3 ! 9 5 M ! K > ! , E 9 F 3 ! < 5 ! 7 - 3 ! V 1 4 E M ! ! ! !

& ' # \$ ! ! I 1 6 8 E 3 7 < 1 5 ! 1 ? ! , 3 3 4 ! R 3 2 < 3 X ! I 1 C 4 = 3 ! T , R I U ! ? 1 4 ! c C 9 E < 7 > ! K 9 7 7 3 4 = ! d !  
& ' # e ! ! ! ! I 1 6 8 E 3 7 < 1 5 ! 1 ? ! B 8 8 E > < 5 J ! 7 - 3 ! c K ! R C Z 4 < F ! T B , , c K R U ! X 1 4 H = - 1 8 ! 7 - 4 1 C J - ! " # \$ % ' ( ) \$ ' \* + , ! - !

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! & ' # & ! L 3 9 M 3 4 = - < 8 ! < 5 ! 7 - 3 ! B M 2 9 5 F 3 6 3 5 7 ! < 5 ! @ 3 9 F - < 5 J ! B X 9 4 M ! T V G ; U !  
! & ' ' \* ! Q A F 3 E E 3 5 F 3 ! < 5 ! @ 3 9 F - < 5 J ! B X 9 4 M ! R 3 F < 8 < 3 5 7 ! T V G ; U !

@ ' \$ # . \* ' ! = 0 \$ A ! 6 # 8 ( / ) , !

! ; ] S I Q P ! 9 7 ! V G ; ! ! ! G 7 C M 3 5 7 = ! B M 2 1 F 9 7 < 5 J ! ? 1 4 ! O C 6 9 5 ! R < J - 7 = ! T G B O R U !  
! G 1 F < 9 E ! / 3 6 1 F 4 9 7 = ! ! ! @ - 3 ! 0 4 3 3 5 ! 0 4 1 C 8 !

> , & 8 . 0 ! @ . 7 ( \* & , ! 1 . & # . , : = ) , # ( \* & ' ) , !

K 9 M 3 ! 9 E E ! 7 - 3 ! 7 4 9 2 3 E ! 9 4 4 9 5 J 3 6 3 5 7 = ! 9 5 M ! 9 F F 1 6 8 9 5 < 3 M ! # e % & ' ! = 7 C M 3 5 7 = ! 1 5 ! 7 - 3 ! ? 1 E E 1 X < 5 J ! 7 4 < 8 = N !  
& ' # + ! K 9 M 4 < M ! D 9 4 F 3 E 1 5 9 ! : 0 3 5 3 2 9 ! : f < 3 5 5 9 !  
& ' # \$ ! L 1 5 M 1 5 ! : , 9 4 < = ! I 1 8 3 5 - 9 J 3 5 !  
& ' # ) ! R 1 6 3 ! : f 3 5 < F 3 ! : K < E 9 5 ! : 0 3 5 3 2 9 !!  
& ' # & ! g 4 9 H 1 X ! : , 4 9 J C 3 ! : f < 3 5 5 9 ! : D C M 9 8 3 = 7 !  
& ' # ' ! L 1 5 M 1 5 ! : , 9 4 < = ! D 4 C = = 3 E = ! B 6 = 7 3 4 M 9 6 !  
& ' ' + ! L 1 5 M 1 5 ! : K < E 9 5 ! : 0 3 5 3 2 9 ! : S 5 7 3 4 E 9 H 3 5 ! : f < 3 5 5 9 !  
& ' ' \$ ! ] 3 X ! ` 1 4 H ! : L 1 5 M 1 5 ! : 0 3 5 3 2 9 ! : f < 3 5 5 9 !

B ) # . 0 ! C \* ( ' . # ! D & ' ) \* / ! 4 & % \$ 0 ' 5 ! 6 # 8 ( / ) , !

, 4 3 8 9 4 3 M ! 9 5 M ! 3 = F 1 4 7 3 M ! M 3 E 3 J 9 7 3 = ! ? 1 4 ! 7 - 3 ! ? 1 E E 1 X < 5 J ! F 1 5 ? 3 4 3 5 F 3 = N !  
] K ; ] ! Q C 4 1 8 3 ! Q 4 ? C 4 7 ! : 0 3 4 6 9 5 > ! T & ' # ( U !  
G F 1 7 E 9 5 M ! K 1 M 3 E ! ; ] ! T G F 1 7 K ; ] U ! ! Q M < 5 Z C 4 J - ! ; g ! T & ' # + U !  
K < M X 3 = 7 ! K 1 M 3 E ! ; ] ! T K K ; ] U ! G 7 ! L 1 C < = ! T B 5 5 C 9 E U !  
B 6 3 4 < F 9 5 ! K 1 M 3 E ! ; ] ! T B K ; ] U ! I - < F 9 J 1 ! T 8 3 4 < 1 M < F U !  
] 9 7 < 1 5 9 E ! K 1 M 3 E ! ; ] ! T ] K ; ] U ! ! ] 3 X ! ` 1 4 H ! I < 7 > ! T ? 4 3 h C 3 5 7 U !  
] K ; ] ! Q C 4 1 8 3 ! ! [ E C 6 1 C F ! : I a 3 F - ! R 3 8 C Z E < F ! T & ' # e U !  
K 1 M 3 E ! ; ] ! @ C 4 H 3 > ! T K ; ] @ R U ! ! B 5 7 9 E > 9 ! : @ C 4 H 3 > ! T & ' # ) U !  
L 9 7 < 5 ! B 6 3 4 < F 9 5 ! K 1 M 3 E ! ; ] ! 0 9 E 9 8 9 J 1 = ! S = E 9 5 M ! : Q F C 9 M 1 4 ! ! T & ' # " U !

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kL<6<7=!71!O3J3 6 15<F!\$5?EC35F3!<5!7-3! [ 4J95<a97<15!1?!B 6 34<F95!G7973=m  
f 1E!)eN!"!TP9EE!&' ' "U!e(%(#.!

k [ 4J95<a97<15!1?!B?4<F95! ; 5<7>!95M!S7=!, 17357<9E!?!14!R3=1E2<5J!B?4<F95! I 15?E<F7=m:!  
!T ] 3X! / 3-EU.! f 1E!" +N!#!TG84<5J#( (+U!#%&' .!

k , 43=<M357! I E<5715\=!P<4=7!@34 6N!!K97F-<5J! I 9 6 89<J5! , 41 6<=3=!95M! , 43=<M357<9E!  
, 34?14 6 95F3m:!! .! f 1E.&eN#!TG84<5J!#( (+U!) "\$\$\$ .!

kR3J<159E!O3J3 6 15<F! , 947<F<897<15!<5! , 39F3H338<5JN!@-3! I 9=3!1?! ] <J34<9m!X<7-!nCE<C=! [ .!  
S- 152Z343:!! .! f 1E. oSSSN&!TnC53!#( (\$U!"#\$' .!

iR3J<159E! , 39F3H338<5JN!!B5!BE734597<23!71! ; 5<73M! ] 97<15=! [ 83497<15=pi:!  
.! f 1E.!o fN&!TP9EE!#( (eU!e(%+#.!

D11H! I -98734=!

kG<6 CE97<5J!S5734597<159E! [ 4J95<a97<15=m!<5!@39F-<5J!S5734597<159E! [ 4J95<a97<15=!! g 357!  
g<EE3!l3M.!QMX94M!QEJ94! , CZE<=-<5J!?!147-F1 6<5J!<5!&'& ).!

k@-3! ; 53A83F73M!0<?7!W! [ -:!95M!>1C\EE!Z3!43=815=<ZE3?!14!K 1M3E! ; ] m!<5! , 3M9J1J<F9E!  
n1C453>=!@-41CJ-!V 14EM! , 1E<7<F=N!BM2357C43=!<5!@39F-<5J! !n9 6<3!P4C3- :!3M!! , 9EJ4923!  
K9FK<EE95:!'&'#(!

k ; =<5J!P9F3Z11H!9=!95!QMCF97<159E!R3=1C4F3!<5!7-3! I E9==411 6m!<5!\$5734597<159E!  
R3E97<15=!<5!7-3! I E9==411 6N!!BF7<23!@39F-<5J!95M!L3945<5J!95M! [ 7-34!G714<3=,!K94F3E1!  
f 9E35F9!95M! I 4<=7<59! ` C 6<!B1H<!S51C3:!3M=!!q7495=E973M!<571! , 147CJC3=3r:!'&'#(!

iL9!7495=?14 6 9F<15!14J95<a9F<159E!M3!E9! [ QB!35C5!5C321!3571451!M3!=3JC4<M9Mi!  
T [ 4J95<a97<159E!@495=?14 6 97<15!<5!9! ] 3X!G3FC4<7>!Q52<415 6 357U!<5! , C3573=!:!24157349=!!>!  
6 C49EE9=IM<F<8E<594<9=!35!71451!9!E9=!14J95<a9F<153=!<573459F<159E3=!!L9C49!j 9 6 CM<1:!  
/ 92<M!B43EE951:ln14J3! I CE3Z41:!3M=.! IS / Q!T I 35741!M3!S523=<J9F<15!>! / 1F35F<9!  
(41!M3).1 694cmB5KETQq04T! Tm /TT2 ^ @ \$ TM Y iL. t€ TM~s' à\$ A •e• "EPUP@9TM•-' à\$ A •e•'

"#\$%!) !

i@-3! [ BG!95M!L3J9E<a<5J! ] 146=!1?! / 3 6 1F49F>i!F1%9C7-143M!X<7-! / 94435!O9XH<5=!!<5!  
@495=59<159E! / <635=<15=!1?! / 3 6 1F497<a97<15!<5!7-3!B 634<F9=!Z>!@-1 69=!L3JE34! / 3A734!  
D15<?9F3!:95M!G-9415!L395!:3M=.!D9E7<6 143:!K / N!n1-5!O18H<5=! ; 5<234=<7>!, 43==:!&' '\*! !

k I 15?E<F7!K959J3 6357!<5!L97<5!B 634<F9m!<5!R3J<159E! I 15?E<F7!K959J3 6357!Z>! , 9CE!P.! / <3-E!  
95M!n1=38-!L38J1EM!:3M=!! ] 3X! ` 14H:! ] ` N!R1X 695!95M!L<77E3?<3EM! , CZE<=-34=!:&' ' ' '! !

[ 7-34! ] 15%R3?3433M! , CZE<F97<15=!

! " # \$ % & ' ( ) \* + , - . / 0 . ( # & ' ( # ( % & 1 2 . 3 % 4 \$ . ( + 5 6 & 7 2 & 8 9 \* + & : 9 4 \* 9 2 & # 2 \* & ; # ) 4 # & < 6 & - # 2 = % > ? & % \* \$ 6 & ' @ A & . 2 &  
< / ( . 9 2 , & 7 B C > % B % 2 ( . 2 D & # 2 \* & ' ) \$ ( # . 2 . 2 D & E 9 ) 4 & F > # 2 & < < " G < H & I J K J L M 6 &

&  
N " O \$ # 4 & ( < ) D ) \$ ( 9 & : # 3 . 4 . # & P 4 ) Q . >> 9 N 6 & & ! " # \$ ! " # \$ & ' ( ) \* + , & - \* . # / & - 0 & ' I \* ) 2 # ' 3 # 4 5 - ) 5 0 \* ) & 5 6 7 8 5 1 5 ) \* . #  
' 3 # ! I 0 5 ) I \* 0 & ' I \* . # " ) ( \* I & 9 \* 0 & ' I 6 ? & @ \* . ( % \* & R + & S 9 R & G % . 2 # > \* # ? & T % 2 ( & 8 6 & T . >> % & # 2 \* & 8 # / & &  
@ . \$ % 2 R % 4 D ? & U U U 6 4 ) 6 2 > V W B V . 9 R . 9 6 & I J K X Y M 6 !

i I - <59= !S 6 89F7!15!OC 695!R<J-7=!<5!B ?4<F9i!

! T I 1 6 6 <==<15!1?! , 1E<7<F9E!GF<35F3!95M!S5734597<159E!B??<.0.24J c m2(5!B) - 07 f (7>4

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**F ),G/2)3!4&%('&'),!**

i ,4389<5J!G7CM357=?14!9!K 1M3E! ; ]!QA834<35F3i!!X<7-!K94F! [ \R3<EE>:!S5734597<159E!G7CM<3=!  
B==1F<97<15:!O15J!g 15J! I -<59!lnC53!&' #\*!W!Z>!<52<797<15.!

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i / 3=<J5<5J!95M! ; =<5J!G<6 CE97<15=!<5!7-3! IE9==411 6 i!X<7-!D1Z!GX<7H>:!S5734597<159E!G7CM<3=!  
B==1F<97<15!843%F15?3435F3!X14H=- 18:!D9E7<6 143:!K / !P3Z4C94>!&' #\*!.!

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i / 3=<J5<5J!95M! ; =<5J!G<6 CE97<15=!<5!7-3! IE9==411 6 i!K <MX3=7!S5734597<159E!G7CM<3=!  
B==1F<97<15.!!G7.!L1C<=:!K [ :! ] 123 6 Z34!&' #".!

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i / 3=<J5<5J!Q??3F7<23!B==3== 6 357=i!X<7-!GC3! / 92<=:!!K <MX3=7!S5734597<159E!G7CM<3=!  
B==1F<97<15.!!G7.!L1C<=:!K [ :! ] 123 6 Z34!&' ##.!

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k / 323E18<5J!` 1C4!@39F-<5J! , -<E1=18->!95M! I49?7<5J!9!G>EE9ZC=m!X<7-!K94F! [ \R3<EE>:!  
K <MX3=7!S5734597<159E!G7CM<3=!B==1F<97<15.!!G7.!L1C<=:!K [ :! ] 123 6 Z34!&' #'.!

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i / 3=<J5<5J!95M! ; =<5J!G<6 CE97<15=!<5!7-3! IE9==411 6 i!G1F<37>!714!7-3!BM295F3 6 357!1?!09 6 3=!  
95M!G<6 CE97<15=!5!QMCF97<15!95M!@49<5<5J!TGB 0GQ@U;! ; 5<234=<7>!1?!GC443>:! ; g :lnCE>!&' #'.!

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iR1C5M79ZE3!95M! V 14H=- 18!15!BF7<23!L3945<5J!<5!S5734597<159E!R3E97<15=i!X<7-!G<6 15!R1?3:!  
D47<=- !S5734597<159E!G7CM<3=!B=. 1 6 94 cm!Q!



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&' '+%(! I 1 6 6<7733! 6 3 6 Z34!P1C5M97<15=!1?!QAF3EE35F3N!R1E3=!95M! , C481=3=!749FH.!

!&'#\$%#\*! I 1%I -9<4!1?! [ 5E<53!P9FCE7>!P3EE1X=!J41C8!

&'#&#\*! P9FCE7>!K 35714!?!14! I 1EE3J3!1?!QMcF97<15!

&' '\*!&'#\$%! ,43=35734:!] 3X!P9FCE7>! [ 4<35797<15!=3==<15!

!!&'#\*! !

&' 'e!&'#!) ,43=35734:!!S5734597<159E!G7CM357! [ 4<35797<15!=3==<15!

=)00.<.!)-!1(A.,&0!6, '!&\*#!@%(. \*% .!/@.,8(% .!!

&' &"%&e! K 3 6 Z34:!/ 395\=!P9FCE7>!BM2<=14>! I 1C5F<E: I 1EE3J3!1?!L<Z349E!B47=!95M!GF<35F3=!

&' &&%843=357! I -9<4: I 1EE3J3! I C44<FCEC 6! I 1 6 6<7733: I 1EE3J3!1?!L<Z349E!B47=!95M!GF<35F3=!

&'#\$%#+! I -9<4: @35C43!95M! , 41 6 17<15! I 1 6 6<7733: I 1EE3J3!1?!L<Z349E!B47=!95M!GF<35F3!

&'#e#%! K 3 6 Z34: @35C43!95M! , 41 6 17<15! I 1 6 6<7733: I 1EE3J3!1?!L<Z349E!B47=!95M!GF<35F3!!

&'#)#e! I -9<4: P9FCE7>!GC88147!95M!P3EE1X=-<8!BX94M=! I 1 6 6<7733!

&'#)! ! K 3 6 Z34: @35C43!95M! , 41 6 17<15!F1 6 6<7733!?!14!G1F<9E! V 14H! / 38947 6 357!

&'#! ! K 3 6 Z34: ! , 334!S5F357<23!R32<3X!F1 6 6<7733!?!14! I 4<6<59E!nC=7<F3!?!9FCE7>! 6 3 6 Z34!

&'#&#)! K 3 6 Z34: P9FCE7>!GC88147!95M!P3EE1X=-<8!BX94M=! I 1 6 6<7733!!

&' '\*%&'#+! K 3 6 Z34: I 1EE3J3!B==3= 6 357! I 1 6 6<7733!

&' '\$%\*!! K 3 6 Z34: L<Z349E!B47=!95M!GF<35F3=! / 395\=!R32<3X!F1 6 6<7733!

! QA73459E!F1 6 6<7733! 6 3 6 Z34!?!14!K9=734\=! I 1 6 6<7733=?!14!G1F<1E1J>: !QEE<177!GF- 11E!1?!

I 1 6 6C5<F97<15: !B57-4181E1J>: !O<=714>!841J49 6 =: !95M! I 4<6<59E!nC=7<F3.!, - / !F1 6 6<7733! 6 3 6 Z34!?!14!

I 1EE3J3!1?!QMcF97<15!!

H.3&,'7.\*!@.,8(% .!!

&'&&! ! I -9<4: / 38947 6 357!@35C43!95M! , 41 6 17<15!F1 6 6<7733!

&'#\*#\*! I 1%I -9<4: P9FCE7>!G394F- !F1 6 6<7733!

&'#! ! I -9<4: !BM 6<5<=7497<23!B==<=7957!G394F- !F1 6 6<7733!

&'#&! !! I -9<4: !BM 6<5<=7497<23!B==<=7957!G394F- !F1 6 6<7733!

&' '\*%+!! K 3 6 Z34: P9FCE7>!G394F- !F1 6 6<7733!

&' '\$! ! I -9<4: !S5734<6!P9FCE7>!G394F- !F1 6 6<7733!!

&' ')e!! I -9<4: P9FCE7>!G394F- !F1 6 6<7733!

&' ' '! ! K 3 6 Z34: !BM 6<5<=7497<23!B==<=7957!G394F- !F1 6 6<7733!

&' '&! ! K 3 6 Z34: !BM 6<5<=7497<23!B==<=7957!G394F- !F1 6 6<7733!

1.&#./2(3!+)/(')\*!&\*#!+,.)-./()&0!6//)%(&' )\*!@.,8(% .!!!

S5734597<159E!G7CM3=1B==1F<97<15!TSGBU!W!1234!\*: ' ' ! 6 3 6 Z34=!5!#&' t !F1C574<3=!

! ! K 3 6 Z34: !BF9M3 6<F!P433M1 6 !F1 6 6<7733!T&' &)%&\$U!

I -9<4: ! V 14H=- 18!04957=!F1 6 6<7733!T&' #+&#U!

K 3 6 Z34: !L15J!@34 6! , E955<5J!F1 6 6<7733!T&' #S%#+U!

! ! I -9<4: ! , 41?3==<159E! / 323E18 6 357!F1 6 6<7733!T&' #eU!

! ! K 3 6 Z34: ! , 41?3==<159E! / 323E18 6 357!F1 6 6<7733!T&' #)U!

! ! \_f<F3! , 43=<M357!T&' #)#eU!

! ! f<F3! , 43=<M357!QE3F7!T&' #'%#)U!

! ! , 43=<M357!1?!7-3!BF7<23!L3945<5J!G3F7<15!T&' '\$%&' '\*U!

! ! f<F3! , 43=<M357!1?!7-3!BF7<23!L3945<5J!G3F7<15!T&' 'e&' '\$U!

! ! B7%L94J3!D194M! K 3 6 Z34: !?!7-3!S5734597<159E! [ 4J95<a97<15!G3F7<15!T&' '\*%&' ' (U!

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