

!
!!@*;!F . *-%!G+1/. 6+;!H\$@:!! H!
!!!!!!!J3. %>32+1/. 6K)2(;'. !!
L, % +>BC<!EED!
!
!!#)+&1. 8&!; *(3!M>ND43!0(!O>ND43!!
!
BC<!ENM!!
!!
#<P! ! !
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#<P!
!
\$004&>00(2/;)2(;'. !

R-&+;!H;!F ;!S!! (0\$;!G;!#;:R*2%-!T;!@;!S!<)*6+;!C;!F ;!UED"MV;!A(&, #A(. +, \$'"#2. #
L, %-'94#; , +(. /#A%. %/2%. #N/2'2(. ;!L&\$\$. 2. :!L?>!F'W*. 29B%/;!!
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I +. 1%-5&2%/!=+!. &&%-+1!, (*!+. '\$!0(4%!(, !0\$+!
' () * & + ; ! ! + X) % + 1 ! * + . 1 % - 5 & ! 2 % / ! % - ' /) 1 + ! & + / + ' 0 + 1 ! \$. 4 0 + * & ! (* ! 4 . 5 + & ! , * (3 ! 0 \$ + ! ' () * & + ! 0 + Y 0 = (6 : !
. - 1 ! , * (3 ! (0 \$ + * ! & () * + & ! . & ! 2 + / / ; ! L 0 \$ + * ! & () * + & ! 3 % \$ 0 ! % - ' /) 1 + ! 5 * + 8 ! / % 0 + * . 0) * + ; ! 4 (4) / . * ! 4 * + & & !
. * 0 % / + & : ! 2 + = & % 0 + ! ' (- 0 + - 0 : ! + 0 ' ; ! I + . 1 % - 5 & ! . &&%-+1!2%/!' (** + & 4 (- 1 ! 0 (! 0 \$ + ! / + ' 0) * + ! 0 (4 % ; ! P 1 1 % 0 % (- . / !
* + . 1 % - 5 & ! 3 . 8 ! = + ! . &&%-+1! 0 ! . - 8 ! 0 % 3 + : ! . - 1 ! 2 % / ! = + ! 4 (& 0 + 1 ! (- ! 0 \$ + ! ' () * & + ! 2 + = & % 0 + ; ! C 0) 1 + - 0 & ! . * + !
* + & 4 (- & % / + ! , (* ! 0 \$ + ! ' (- 0 + - 0 ! ' (7 + * + 1 ! % - ! . // ! . &&%-+1! * + . 1 % - 5 & ; !
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R-0*(1)'0%(->!#. 6%-5!Z\$. *5+!(,![() *!B+. /0\$;!Z (*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!''!!
!!!!!!!!!!!!!!!!!!!!!!!!!!!!U44;!E9NOV I +. 1%-5>+<+//)A;!T;!UED"EV;!W((1!&' %t -' +!7&!;=. 1!&' %t -' +;!F . ' / + . - & ; ' . !!
!!!!!!!!!!!!!!!!!!!!!!!!!!!!U\$004>00222E;3. ' / + . - & ; ' . QED"NQD"Q"D05((19&' %t -' +97&9=. 19&' %t -' +QV!!
!
H&8' \$(/ (5 % . ! / B + . / 0 \$; ! Z (* + ! Z (- ' + 4 0 & ! % - ! B + . / 0 \$ > ! Z \$. 4 0 + * ! E ! U 4 4 ; ! \ D 9 " "] O V ! !
!
C0*+&&!#\$+!Z(-&0. -0!Z\$. //+-5+;!Z(*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!N!U44;!^D9""]V!!
!!
G+%\$0!F . - . 5+3+-0;!Z(*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!\!U44;!""^9"MNV!!
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?)0*0%(-!<. &% &;!!Z(*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!_!U44;!M\9EE_V I+. 1%-5>!`)&0%5:!!
!!!!!!!!!!!!!!!!!!!!!!I ;!B;:!C' \$3%10:!' ;!P;:;!S!<*%-1%&!Z;!@;!UED"EV;!#\$\$+!0(Y% !0*)0\$!. =()0!&)5. *;!C%' * &, 4###
#####OPQ:![E]9EO;!!

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JY+*' %&+!, (*!B+. /0\$!. -1!a%0-+&&;!!Z(*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!M!U44;!EEM9EM]V!!

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F +1%0. 0%(-:![(5. !. -1!F %-1,)// -+&&!H*. '0% +&!, (*!B+. /0\$;!!I +. 1%-5&!#<P!

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@*)5!P=)&+!. -1!P11% 0%(-:!!Z(*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!'\!U44;!_M^9MD]V!!

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#\$+!I +&4(-&%=/+!b&+!(, !P' (\$ (/;!Z(*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!'_!U44;!MD^9!
!!!!!!!!!!!!!!!!!!!!!!M\NV I+. 1%-5>!Z. -. 1. c&!` (29! %&6!P' (\$ (!@*%-6%-5!W)%1+/%-+&!dI +, +*+-' +>!<)00:!!H;:!!
!!!!!!!!!!!!!!!!!!!!!!<+%-+&&!@;:;!Z+&. !a;:;!W/%&3. -:!' ;;!H. *. 1%&!Z;:;!S!C0('62+//:;!#;!UED""V;!! -(9(-#%. /##
#####9, %- '9#2. #A%. %/%G#! #'* 7 7%&6#()#, >2/, . +, #%. /#0*2/, -2. , "#)(&#(5<&2"8#/&2. 82. 0;!!!
!!!!!!!!!!!!!!!!!!!!!!L00. 2. :!L?>!Z. -. 1% -!Z+-0*+!(-!C)=&0. -' +!P=)&+;e!!

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P5%-5>!P!f%0. /!H* (' +&&;!!Z(*+!Z(-'+40&!%-!B+. /0\$>!Z\$. 40+*!'\!U44;!M^E9]""V!

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\$004&>00222;) 2 (;' . 0) -%7&+ ' 041,0. ' . 1+3% h4 (% %&0. 44+. /&0. ' ' (33 (1. 0%(-h%/-+&&41,! R9, #S. 2>, &'2'6#, +(0. 2T, "#'9%'#%'#''*/ , . '@'%=2'2'6# ('#7, , '#92"H9, &#%+%/, 72+#&, "\$ (. "2=2'2'2, "#7%64# (. #(+%"2(. 4#=, #27\$%2&, /#=#6#7, /2+%#2-. , ""#:#1-. , ""#7%6#=#, #%+*' , #'9(&'# , &714#('7%6#=#, # +9&(. 2+#(-. 0# , &714#(&#+9&(. 2+#52'9#%+*' , #, \$2"(/, "#:R9, #S. 2>, &'2'6#)*&'9, &#&, +(0. 2T, "#'9%'# 7, /2+%#2'2'2*(. "%%&, #/, , \$-6#\$, &"(. %-%%. /#&, "\$, +' "#'9, #. , , /#)(&#&2>%+6#%. /#+(.)2/, . '2%-2'6#2. # '9, , #7%' , &":#L (5, >, &4#2. #(&/, &# ('# , . "*"&, #)%2&. , ""#%. /#+ (. "2" , . +6#)(&#%-#'*/ , . ""4#%+%/, 72+# %++ (77 (/%'2(. #)((&8#&, \$&, " , . '2. 0#UVW#((&, #) #'9, #'*/ , . '@'#(>, &%-#0&%/, #2. #'9, #+ (*&" , # "9%-#=#, #0&% , ' /#(. -6#2. #'9 (" , #+% " , "#59, &, #'9, &, #2'#/ (+*7 , . '%2(. #2. /2+% '2. 0#9%'9, #'*/ , . ' # 5%"# , &2(*"-6#%)), +', /#=#6#2-. , ""#%. /#+ (*-/# . ('&, %" (. %=-6#=#, 1\$, +', /# ('#7, , '#92"H9, &#%+%/, 72+# &, "\$ (. "2=2'2'2, " :#

# ! #S3X#; '* / , . '#E, /2+%#A, &'2)2+% , #; EA!#2'&, Y*2&, /#59, &, #%'#''*/ , . '#2"# , , 82. 0#%+%/, 72+# %++ (77 (/%'2(. :#R92"#/ (+*7 , . '%2(. #'9(*-/#=#, # (= '%2. , /#%'9, #'27, #) #'9, #2. 2'2%-#+ (. ""-'%2(. # 52'9#9, #96"2+2%. #(%-8<2. #+2. 2+#! #; EA#+%. #=#, #/(5. -(%/ , /#* . /, 	, #E, /2+%# Z(+*7 , . '%2(. #9, %/2. 0#) #'9, #) (-- (52. 0#5, ="2' , G# 9' '\$GH555: *5 (:+%H* . 2>" , +H\$/H%+%/, 72+[\$(-2+2, "H%\$\$, %- "H7, /2+%-) (&7: \$)/#

@(') 3+-0. 0%(-!&!+X)%+1!, (*!- (-93+1% . !. =&+-' +&!2\$+*+10\$+!' () *&+!2 (*6!3%&&+1!&!3 (*+! 0\$. -!"Di ! (, !0\$+!(7+* . //!5* . 1+;!C0) 1+-0&!3. 8!' (-0. ' 0!0\$+#!a. ') /08!P'. 1+3% !Z (-&+!/-5!L, % +!, (*!2\$. 0!1(') 3+-0. 0%(-!&!-++1+1+!

! G\$+-+7+*!4 (&&#/+;!&0) 1+-0&!2\$ (!+X)%+! . ' . 1+3%! . ' ' (33 (1. 0%(-!&\$ (/1!4*(7%1+! - (0% . 0%(-! . -1!1 (') 3+-0. 0%(-!%-. 17. -' +!(, !1)+1. 0+&: !+Y. 3%- . 0%(-&: !+0' ;!C0) 1+-0&!3) &0! , (/ (2!) 4!2%0!0\$+*!4* (, && (*&! . -1!0\$+*!P' . 1+3% !Z (-&+!/-5! (, % +!%-. !0%3+!8!3. --+* ;! @(') 3+-0. 0%(-! , (*! . -8!*+X) +&0! , (*! . ' ' (33 (1. 0%(-!&\$. //! =+!&) = 3#0+1! . !&!& (-! . !&4 (&&#/+;!0! 0\$+! . 44*(4% 0+!P' . 1+3% !Z (-&+!/-5!L, % +!(, !0\$+!&0) 1+-0c&!a. ') /08! (, !+5%&0* . 0%(-; !a (*!<BC' ! &0) 1+-0&: !8!) !3. 8!5 (!0!0\$+!C' \$ ((! (, !B+ . /0\$!C0) 1%&!L, % +!%-!BC<!*((3!EEE; !!

\$+*+! . *+!7. *(%) &!&) 44 (*0!&+*7% +&! . * () -1! . 34) &! . -1!0\$+&+!%-') 1+;! =) 0! . *+!- (0!/%3%0+1!0 (> "; C0) 1+-0!@+7+/(43+-0!Z+-0*+!99!\$004>00222;&1' ;) 2 (;' . Q&&1Q!! E; C0) 1+-0!B+ . /0\$!99!\$004>00222;&\$&) 2 (;' . Q&0) 1+-0Q&0) 1+-0\$+ . /0\$&+*7% +& ;\$03!// N; I +5%&0* . *c&!L, % +!99!\$004>00222; *+5%&0* . *) 2 (;' . Q!! \; L3=) 1&!L, % +!99!\$004>00222;) 2 (;' . Q(3=) 1&Q!

\$%&! (') *&+!1+ . /&!2%0\$!7+*8!&+*(%) &!%&&) +&!%-!0\$+! . *+ . ! (, !3+-0. !/\$+ . /0\$;!& (3+!(, !2\$% \$!3. 8! =+!

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P&!4. *0!(,!. !&)' '+&&,)!) -1+*5*. 1). 0+!+Y4+*%+-' +!. 0!G+&0+* -;!2+!+-' ()*. 5+!8()!0(!3. 6+!8() *!
\$+. /0\$!. -1!2+//-+&&! !4*%(*%08;!G+&0+* -!4*(7%1+&!&+7+* .!(-9' . 34)&!\$+. /0\$9*+/. 0+1!&+*7% +&!0(!
\$+/4!8()!. '\$%+7+!(40%3) 3!\$+. /0\$!. -1!+-5. 5+!%-\$+. /0\$8!/7%-5!2\$%+!4)*&)%-5!8() *!1+5*+;!!a(*!
+Y. 34/+;!0(!&)44(*!4\$8&% .!/. ' 0%7%08:!. //!&0) 1+-0&!*+' +%7+!3+3=+*&\$%4!%-!G+&0+* -c&!Z. 34)&!
I +'*+. 0%(-!Z+-0*+!. &!4. *0!(,!0\$+%!*+5%0*. 0%(-!,++&!?) 3+*()&!')/0)*. /!+7+-0&!. *+!(, +*+1!
0\$*()5\$()0!0\$+!8+. *;!H/+ . &+!' \$+' 6!()0!0\$+!a. ') /08(!,!F)&% !2+=!4. 5+!
U\$004>00222;3)&% ;) 2(;'. QV:!(*!0\$+!F 'R-0(&\$!W. //+*8!U\$004>00222;3' %-0(&\$5. //+*8;' . QV:!!
a)*0\$+*!%, (*3. 0%(-!*+5. *1%-5!\$+. /0\$!. -1!2+//-+&&9*+/. 0+1!&+*7% +&!. 7. % . =/+!0(!&0) 1+-0&!3. 8!
=+!, () -1!. 0!\$004>00222;\$. /0\$;) 2(;'. Q:!!
R,!8()!. *+!%-!+3 (0%(-. /!(*!3+-0. /!1%&0*+&&!&\$ ()/1!*+,+*!0(!F+-0. /!B+. /0\$K G+&0+* -!
\$004>00222;) 2(;'. 0) 2(' (3Q3+-0. /\$+. /0\$Q!! , (*!' (34/+0+!/%&0!(,!(40%(-&! . =)0!\$(2!0!(=0. %-!
\$+/4;!!# (!\$/+4!8()!/+ . *-!3(*+!. =)0!3+-0. /!\$+. /0\$!:G+&0+* -!\$. &!1+7+/(4+1!. -!%-0+* . ' 0%7+!
3+-0. /!\$+. /0\$!/+ . *-%-5!3(1)/+;! , () -1!\$+*+>!
\$004&>00) 2(;'. Q\$+. /0\$Q3+-0. /h2+//=-%50+1)' . 0%(-Q3(1)/+;\$03/;!
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