

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

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C = , 3 * \$

A & 3 '') , & # ?

G=! H62,')*!#' +!0#*!,*9.&3!'7!+#\$0*!(2)*5.&3!./1!2)\$-\$,*9*!\$/7')5%!&())*/0!2',&&*!./1!
2',,\$0\$&.,!2).&0\$&*!2.)0\$&(.,)3!\$/!0*)5%!7!5.-%!\$/&.)&*)\$.0\$'/4!2',&&*!# #' '0\$/9%4!./1!2',&&*!
<)(0.,\$03=!!
I=! J)\$0*!) *2')0%4!.%\$9/5*/0%4!./1!2.2*)%!+\$0#(2)'7*%\$ /.,!./1!.&.1*5\$&!.20\$0(1*!+#\$, *!
1*5'/%0).0\$/9!K/' +,*19*!'7!&.,%\$5.0*)\$.%,!./1!&)\$0\$&.,!0#\$/K\$/9=!!
L=! H6#<\$0!&)\$0\$&.,!0#\$/K\$/9!%K\$.,%!. /1!K/' +,*19*!'7!5.0*)\$.!,0#)'(9#!').,!2)*%*/0.0\$'/%4!./1!
&' /0)\$<(0\$'/%10'!&.,%\$=!!!
M=! @/.,3N*!1\$77*)*/0!0'2\$&&!7.&\$/9!&)\$5\$/.,!8(%0\$&*!\$/&,(1\$/9!2',&&*!<)(0.,\$034!2',&&*!&(,0(*)4!
2)\$%' /!) *7')54!2',&&\$/9!\$5\$9).0\$'/4!\$5\$9).0\$'/!2',&&34!&'()0%!. /1!2',&&*4!+#\$0*!&' ,.,)!
&)\$5*4!)*%0').0\$-*!00). /%7')5.0\$' /.,!8(%0\$&*4!
P=! Q/ - *%0\$9.0*!K*3!&'()0!&.%*%\$ /!&)\$5\$/.,!8(%0\$&*!. /1!1*)\$- *!&)*.0\$- *!%' , (0\$'/%10'!.!1\$- *)%\$03!
'7!&)\$0\$&.,!\$%\$ (%\$7.&\$/9!., +!* /7')&*5*/04!2)\$%' /!'77\$&\$. ,%4!., +3*)%4!8(19*%4!2',&&3!5.K*)%!
./1!2',,\$0\$&\$. /%\$=!

**67%')"#%&'0',7*%,*3&.' "#*!5'5*/0!#.%!&#'%*/!3'(4!7(0(*)!,. +!* /7')&*5*/04!BEQ!.9*/0%4!RSQ4!
,. +3*)%4!\$/ - *%0\$9.0')%4!2)'<.0\$'/4!&')&0\$ /.,!77\$&*)%4!&'()0!./1!8(-*/\$, *!8(%0\$&*!.1 - '&.0*%\$=
" #*%*18'<%!.) *!&#./9\$/9!).2\$1,3!.%!2)\$%' /!) *7')54!2',&&*!./1!'0#*!) *7')5%19)' +!\$/&)*. %\$/9,3!
()9*/0!\$/! '()!&())*/0!%'&'T2',,\$0\$&.,!* /-\$)' /5*/0=" #%\$!&'()%*!+\$,,!5. \$ /3!<*!0.(9#0!7)'5!0#*!
2'\$/0!'7!-\$*+!'7!5.)9\$/.,\$N*1!&'55(\$/0\$*%#+#'.) *!5.K\$/9!%!0./1!7')!1).5.0\$&!&#./9*-=!Q/!GU!')!
IU!3*.)%4!&)\$5\$/.,!8(%0\$&*!5\$9#0!<*!(/)*&'9/\$N.<,*!7)'5!+#.0!\$0!\$%10'1.3=" #%\$!&'()%*!+\$,,!7'&(%!
' /!0#%\$!5'5*/0!'7!2'%'\$<,*!).1\$&.,!0). /%7')5.0\$' /!\$/18(%0\$&*!%0(1\$*%!=!V'2*7(.,3!0#*!&.,%\$!+\$,,!
\$/%2\$)*!3'(10'!%# .2*!+#.0!&)\$5\$/.,!8(%0\$&*!+\$,,!, 'K!,\$K*!7')!'()!7(0)*=!**

8&9#*\$&:'6&;,%<8&0:* -1%!!

W* .1\$/9%!(22,\$*1!<3!0#*!\$/%0)(&0')!!

/ *=\$0\$>' / *0*%' -'!!

R')!#*,2!+\$0#!,\$<.)3!)** '()&*%!. /1!,\$<.)3!)**.)&#!X\$/&,(1\$/9!0#*!(%*'7!1.0.<.%*%!. /1!' /,\$/*!
)**.)&#!5.0*)\$.% Y%(&#!.%!8'()/.,!%*.)&#!*/9\$/%Z4!%0(1*/0%!.)*!%0)' /9,3!*/&'().9*1!0'!&' /0.&0!
0#*!D(%0\$&*!E0(1\$*%![\$<.)3![\$.\$% /!>3,*! \ ' /1.34! \ [QE4!@&.1*5\$

Xd=)07Z=!` ,*.%*!:'"-','&'23!./!2.%0*!./3!.%%\$9/5*/0%!\$/0'!./*T5\$.4!0#*3!+,\$,!'0!<*!.&&*20*1=!
@,+ .3%!)0.\$/!.&'23!7!./3!*T5\$.,\$!+\$0#!./!.%%\$9/5*/0!.00.&#*1!.%2)'7!'7!%(<5\$%%\$'/=!)

!!'#\$%&'8&9#*\$&3&-,%'0-:'E%%*1-3&-,%'!!

G= e)'(2!+')K!\$/&,(1*%!1\$%&(%%\$'/%!'7!)*.1\$/9!./!17\$,5%4!2)*%/0\$/9!.%%\$9/5*/0%!./!1!
1*<.0\$/9!\$%% (%*%!=!

I= f (\$NN*%!!

L= E0(1*/0%!+\$,,!(%*!&)S0\$&.,!0#\$/K\$/9!0'!&'52,*0*!+)\$00*!/!.%\$9/5*/0%!/'!%*,*0*1!)*.1\$/9%4!
7\$,5%4!,*0(0)*%!. /1!9(%0!%2*.K*)%=!!!

M= !E0(1*/0%!+\$,,!<*!)C(\$)*1!0'!. /%+*)C(%0\$'/%!1(\$)/9!&.,%=%!Q7!3'(!.)*!.<%*/04!/'!2'\$/0%!=!
f(%0\$'/%!&./!<*!.<'(0!)*.1\$/9!&' /&*20%!')!%\$52,3!'2\$/\$/=!!!!

P= "#*! \ \$10*)5!+\$,,!<*!&'52)\$%*1!'7!%*% .3!C(%0\$'/%!=!!

g= E0(1*/0%!+\$,,!2)*%*/0!..!&)*.0\$-*!2)'8*&04!2'*54!'/*T.&0!2,.34!2'+*)T2'\$/0!2)*%/0.0\$'/4!')!
5(%\$&.,!2*7')5./&*!.%2.)0!'7!0#*!7\$/.,!')!+#.0*-*)*%*!3'(!&./!0#\$/K!'7=!`)*%*/0.0\$'/%!
%#'(,1!<*!&,*.)*1!+\$0#!5*!7\$)%0=@!2.2*!)!/'!0#*!% .5*!3'(!)0'2\$&!+\$,,!.,%!'<*!1(*.0!0#*!
/1!'7!0#!%*5*%0*)=!!!

h= e)'(2!+')K!+\$,,!&'/%\$%0!'7!*\$0#*!),*.1\$/9!.&.,%!' /!.)*.1\$/9!4!7\$,5%4!)!9(%0!%2*.K*)=!!

E(&&*%\$!\$/!0#%\$!&')%*!\$%<.*%1' /!0#*!*62*&0.0\$' /!0#.0!0(1*/0%!+\$,,!%2*/14!7')* .&#!(/\$0! '7!&)*1\$04!
.!5\$/\$5(5!'7!MP!#')%!' -*)!0#*!,*/90#!'7!0#*!&')%*!X/ ')5 .,3!0#*!#')%!*2*!(/\$0!2*!)+**KZ!7')!
\$/%0)(&0\$'/4!2)*2.).0\$' / ^0(13\$/94!')!&')%*!)*.,0*1!.&0\$-0\$%4!\$/&,(1\$/9!<(0!/'0!,5\$0*1!0'!
\$/0*)/%#2%4!.,<%4!./!1!&,\$/\$&.,!2).&0\$&*! i 0#*!&')%*!%0)(&0)*%!+\$,,!# .-*!C(\$-.,*/0!+')K,'.1!
62&0.0\$' /%!.%1*%&)\$<*1!\$/!0#*!%3,,.<(%=!!

E%%*1-3&-,'8&9#*\$&3&-,%'!!

R')!+)\$00*!/!.%\$9/5*/0%?!!

G= F%*!2)'2*!9).55.)!./!1!%2*,,\$/9!\ .K*!%)%*!0'!*1\$0!.0!,*.%0! /&*!. /1!(%*!%2*,,\$!&#*&K=
i<-\$'(%!5\$%2*,,\$/9!+\$,,!)%*(,0!\$/!5\$%*%1!2'\$/0%=!!!

I= ` ,*.%*!2(0!./%+*)%\$!/\$!3')!' +/!+ ')1%=>'!&(0!./!1!2.%0*j!!

L= \ .K*!%)%*!3')!./%+*)%&'5*!7)'5!0#*!)*.1\$/9!./!1!/'0!7)'5!9'9,*=!!

M= Q!/\$!3')!./%+*)%4!5.K*!%)%*!3')!2)'-*!0'!5*!0# .0!3')!# .-*!k i>H!"VH!WH@kQ>e=!!

FG H0I&'#\$&',''%&-:'0'C'\$':')''\$'+:J'J'E / /'0%*1-3&-,%'E->,7*-1'A%&'C'AA'\$&#A,'
-'-'+'-,%G''''

E./!D'%*!E0.0*!\$%!9.\$/\$/9!\$/!\$0%!)2(0.0\$' /!..%!. /!&.1*5\$&\$/%0\$0(0\$' /!c')!9).1(.0\$' /!7)'5!0#%\$!
&#',!./!1!5.8')!&' /0\$/ (%*!0'!,,'K!5')*\$!52)*%\$-*/! /!.)%*(5*=%! "#\$%&.,%!*%#'(,1!.11!0'!0# .0!
)2(0.0\$' /!./!1!&.1*5\$&!)9')=B' /%*C(*0,34!%#'+\$/9!(2!/'!0\$5*4!&'52,*0\$/9!.%\$9/5*/0%!/'!
0\$5*!. /1!%0)*0#\$/9!3')!5\$/1!.)*7(/.1.5*/0.,!)*C(\$)*5*/0%!=!c')!%77')0!+\$,,!' /'0! / ,3!* /# . /&*!
3')!' +/!&.1*5\$&!. /1!2)'7*%\$' /.,!8')/34!<(0!3')!%.)/*%0/*%*!.,%!'!.11!%10'!0#*!F/\$-*)%\$03!..%!
.!+#+,=*!H0I&'#\$&',''1&,)A0%'-' ,&'J\$'3'%'3&'-'&'A%&'*-')A0%'*J>'#0\$&'0=%&- ,G'K'C'AA'
L26+'\$'M*:&'-' ,&'*J>'#0\$&'0=%&- ,G'!!

N\$0*:-1'K-J'\$30,***-!!

@!%0(1*/01%!7\$/.,!9).1*!\$%!<.*%1!' /!&' 52,*0\$' /!'7!9)' (2!.%%\$9/5*/0%!./1!.&0\$-\$0\$*%4!\$/T&,.%%!
1\$%&(%%\$' /!. /1!2)*%*/0.0\$' /4!. /1!' /,\$/*!.&0\$-\$0\$*%!=!H-.,(.0\$' /!%#.,!&' /%\$%0!'7!B./-.%!
.%%\$9/5*/0%4!&)*.0\$-*!2)'8*&0!')!7\$/.,4!&,.%%!2)*%*/0.0\$' /4!5\$10*)5!*6.54!7\$/.,!*6.5!./1!

''''!!

N\$'#+'+\$&%&- ,0,*''-%.'GPm'''!

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B0\$,*)*+0,*''-.'GUm!!

P*-0A'+\$'D&),%'0- :'+0+&\$'

"#*)*&')1\$/9%!.)*!0##!\$/0*,* &0(.,!2)'2*)03!'7!0##!\$/%0)(&0');!3'(!#. -*!/'0!<*/!9\$-*/!./3!)\$9#0!
0'!) *2)'1(&*!')!1\$%0)\$<(0*!0##!5.0*)\$. ,=!!!

B'())%*!5.0*)\$. ,!1*-*, '2*1!<3!0##!\$/%0)(&0')!\$%!0##!\$/0*,* &0(.,!2)'2*)03!'7!0##!\$/%0)(&0')!. /1!
&./ /'0!<*/!%#.) *1!2(<,\$&,3!+\$0#'(0!#\$\$^#*)!.22)'-. ,=!c'(!5.3!/'0!2(<,\$&,3!%#.) *!')!(2,'.1!
\$/%0)(&0')!9*/*).0*1!5.0*)\$. ,!7')!0#\$\$!&'() %*!%(&#!. %!*6.5!C(*%0\$' /%4!, * &0() *!/'0*%4!')!# '5*+')K!
% ',(0\$' /%!+\$0#'(0!\$/%0)(&0')!&' /%*/0=b!!

' (&+0\$, 3&- ,U%'8&0:*-1'0- :!V\$*, *-1'B7*A''%'+7>?!! "#*!k *2.)05*/0!'7!D(%0\$&*!E0(1\$*%!\$%!
&' 5 5 \$00*1!0'!%&#',.) ,3!*6&*, * /&*=" #*) *7') *4!0##!k *2.)05*/0!2)' 5 '0*%!. &. 1* 5 \$&4!&)\$0\$&.,4!./1!
&)*.0\$-*/!*/9.9*5*/0!+\$0#!,./9(.9*!X\$=-*4!)*.1\$/9!./1!+) \$0\$/9Z!0#)'(9#' (0!\$0!&())\$&(, (5=!@!
% (%0.\$/*1!./1!\$/0*/%\$-!*62,') .0\$' /!'7!,./9(.9*!2)*2.) *%!%0(1*/0%!0'!0#\$/K!&)\$0\$&.,,3!./1!0'!.&0!

R*<=!Gg?!Q/%0)(&0')!2)*%*/0%!' /!aQ/1\$9*/' (%!`*'2,*1%!V\$%0')3b!E'&\$.,!&' /0)' ,!'7!<.,.&K!./1!<)' +/!

R*<=!Gh?!1 (\$N4!aq/1\$9*/' (%!`*'2,*1%!V\$%0')3b!E'&\$.,!&' /0)' ,!0#)' (9#!%,.-*)34!D\$5!B)' +! \ .%%!
\$/&.)&*) .0\$' /!XB [i !G4!IZ"

E%*1- 3&- .!>\$9?:"@9):*\$&A"B@9CD&"*F" F:G:*" 8*G&H"92I"@*\$!C!2G"4\$9CD"6*0.0%2!l: &"k (*!

J HH] !R i FW!O!`' , \$&*!&(,0() . , ! . / 1! + # \$ 0 * ! 2) \$ - , * 9 * !

R*<=!IL?!e)' (2!G!./1!I!2)*%*/0!' /!>\$9?:"@9):*\$&A"#9:)&"J"92I"JJ"XB [i !G4!4L4MZ!

R*<=!IP?!`' , \$&*!<)(0.,\$03=!k\$%&)*0\$' /4! + # \$ 0 * ! 1 ' , , 4! < , . & K ! 1 ' , , ! Y * 1 , 0 I & 0 C 0 > % ' J \$ " 3 ' S ! 0 M & ' B 0 , \$ " A % ' + ("&K*)&A"@*\$!C!2G")K; "#*\$!C; LXB [i !G4!MZ!"

J HH] !RQqH!O!`' , \$&*!&(,0() . , 4! + # \$ 0 * ! 2) \$ - , * 9 * 4! . / 1! <) (0 . , \$ 0 3 !

\ .) & # ! I ? ! e) ' (2 ! L ! 2) * % * / 0 % ! ' / ! + (" & K *) & " X B [i ! G 4 ! 4 M Z !

\ .) & # ! M ? ! e) ' (2 ! M ! 2) * % * / 0 % ! ' / ! @ * \$! C ! 2 G ") K ; " @ * \$! C ; L X B [i ! G 4 ! 4 M Z ! " Y * 1 , 0 I & 0 C 0 > % ' J \$ " 3 ' J * A 3 % G '

E%*1- 3&- .!'Q5 5\$9).0\$' /!.)0\$&,*4!aR' (!) \ 30#%b!1 (*!R)\$1.34! \ .) & # ! P ! X B [i ! I 4 M Z !

J HH] !EQr !T!Q5 5\$9).0\$' /!

\ .) & # ! I ? ! e) ' (2 ! L ! 2) * % * / 0 % ! ' / ! + (" & K *) & " X B [i ! G 4 ! 4 M Z !

\ .)&#!IM?!JO 0IG:9)l*2"F9)l*2!XB [i !I4MZ!!

J HH] !>Q>H!O!S+\$\$-1'Y\$&OI'

J HH] !GU!O!` ',,\$&\$/9!\$ 5 5 \$9).0\$ ' /!

@2)\$,!g!O!JO 0G:9)l*2"F9)l*2!XB [i !I4MZ!

@2)\$,!n!O!e)' (2!GU!2)*%*/0%!'/!!O 0IG:9)l*2"29)l*2"XB [i !L4MZ!Y*1'60I&0C0>%!

E%%*1- 3 &- ,.'E0(13!7')!0#*!5 \$10*) 5!

J HH] !GG!O!B' ()0%!./1!2',,\$&*!

@2)\$,!GL?! \ \$10*) 5 !XB [i !I4MZ!

@2)\$,!GP?!E. 5 5 \$*!S3)1!ER` k!9(*%0!%2*.K*)!

E%%*1- 3 &- ,.'ST">UPVU"! F 8"@PTSU6S"U! 6R"TSRUP="

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