

!"#\$%&'()*+,,%-(".#,%/* 0.%. * 1 2*3#%(45,6*7 '282*
9:::(4\$/* ;<<=>*3,4(.?34(\$4\$&*@A(?-('B*
CD.(?/* #&#%(45, E 5\$""\$&. F2\$-A*G)%\$:%%%\$-*D\$#', -*,:*4, "#.4#H*
9:::(4\$* I ,A%&/* @J*.)), ("#D\$"#2*

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0 '\$*79K3L!>*-)\$.%#D\$"#*4. "*" .&&(&#&&#A-\$"#&*("?" ,4.#("B*,)) ,%#A" (#(\$&*: ,%*("#\$%"&' ()&6*MA#*(&*", #*
%\$&) , &(M?\$: , %*)? .4("B* ("#\$%"&2*9# '\$%&&#A-\$"#&*. "-*: ,%D\$%*("#\$%"&' .%\$B, , -*&, A%4\$&*: , %*?\$. -&* , "*"
 ("#\$%"&' ()&6*MA#*(#*(&*A) #, \$.4 '\$*#A-\$"#*# , *4, "#.4#*D)? , J\$%&*. "-*&4 '\$-A?\$("#\$%N(\$F&*: , %*
 ("#\$%"&' ()&2*+ .%\$\$%*3\$%N(4\$&*D. ("#. ("&* . "*" , "?" ("\$- .#.M.&\$* , :*,)) , %#A" (#(\$&*. "-*\$.4' *4, ??B\$*
 F# (' "# '\$*A" (N\$&(#J* ' .&*. *-\$&(B" .#\$-*)\$%& , " : , %* '\$?) *O*&\$*\$' \$*+ .%\$\$%*3\$%N(4\$&*F\$M&(#\$2*
 3#A-\$"#&*DA&#*A&\$*\$' \$, "?" ("\$.))?(4.#(, "&J&#D* , "*" '\$*+ .%\$\$%*3\$%N(4\$&*F\$M&(#\$*# , * .))?J*: , %*
 4%\$-(#* , "4\$*# '\$J* ' .N\$&\$4A%\$-*. "*" ("#\$%"&' ()2*

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>*&A)\$%N(&\$-6*4%\$-(#P\$. % ("B*F , %5*\$Q)\$%("\$4\$*F(#' * . "*" .)) , N\$-*MA&("\$&&*: (%D6*) (N.#\$*.B\$"4J* , %*
 B, N\$%" D\$"#* .B\$"4J*("*" . *) , &((, "*" '# . #*(&*-\$#D("\$-*MJ*#' \$*!"#\$%"&' ()*4, , %-(".# , %*# , *M\$*

'\$&(#\$&A)\$N(&,%*,%6*(:"\$4&&. %J6*#'\$("#\$%"&'()*4, ,%-(".#,%2*O'\$4, ,%-(".#,%4. "" ,#*' \$?) *
&#A-\$"#&(:&' \$'(&*", #(" : ,%D\$-*, :*. "J*) ,M?\$D&2!&&A\$&*, %*4, "4\$%"&'&' ,A?-*M\$* .--%\$&&\$-\$
)% ,D)#?J* . "-& , , " : :#\$%# ' \$J* .%(&\$2*

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\ ,%*\$N\$J*#' %\$P&\$D\$&#S%*4%\$-(# ' ,A%&# '\$&#A-\$"#DA&#F ,%5* . "-* ,4AD\$"#. #?\$.&#*U ;<* ' ,A%&*.#
'\$(" "\$%"&'()*&(#\$2 \ ,%*\$Q.D)?\$6* .&#A-\$"#DA&#F ,%5*U<* ' ,A%&*. *F\$\$5* : ,%*U ; *F\$\$5&* -A("B*#' \$
: .??* ,%*&)("B*#\$D&6* ,%*&#A-\$"#&DA&#F ,%5*U]' ' ,A%&*. *F\$\$5* : ,%*^*F\$\$5&* (" '\$*(B' #PF\$\$5*
&ADD\$%#\$D2*3#A-\$"#&D.J*#.#*#F ,%5("B*\$.%?J*MA# , "J*F(#' #' \$*)% (,%*.)% ,N. ?* , :#* '\$
(" "\$%"&'()*4, ,%-(".#,%2*

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0 '\$*79K3L!>*8\$) .%#D\$"#D.J* .))% ,N\$*F\$N\$*4%\$-(# ' ,A%&*G \ .??* . "-*3) ("B*&D\$&#S%* , "?JH* : ,%*. *
:A?#P(D\$ (" "\$%"&'()*G<=<* ' ,A%&*) \$*F\$\$5H* (: #' \$&(#\$*(&* ,A#&(-\$D\$#% ,) , ?(#. " *>#? . "#. *G(2\$2* . *
1 .&' ("B# , " *8 +*) , &#(, "H2* + %\$-(#&*M\$J , " - #' \$* , %D. ?*# ' %\$4%\$-(# ("4%D\$ "#&*G(2\$2*=6* _6*\$42H*F(??
M\$*4 , "&(-\$%\$-*, " * .4. &\$*MJ*4. &\$*M. &(&* . "-* . %\$% . %\$?J* .))% , N\$-2*3#A-\$"#&DA, D)?\$#>KK*#' \$*
D("DAD*4 , "#.4#* ' ,A%&*: ,%*# '\$* "ADMS%* , :4%\$-(#&*.#*# '\$*M\$B(" ("B* , :#* '\$*#D*P) .%#(.?4%\$-(#&* .%\$*
" , #B(N\$ " . - *&#A-\$"#&F ' , *- , * , #4, D)?\$#*# '\$*SWA(%\$- "ADM\$* , :*' , A%&*F(??*\$4(N\$ " . *
.A# , D.#(4* \ * : , %*# '\$*4, A%&\$2*

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>*M.&(4*4' .%#*(&*M\$? , F/*

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>??&#A-\$"#&'&' , A?-*Q.D(" \$*#' \$*A"(N\$&(#J\$&#&# . "- .%&* , :*. 4. -\$D(4* ("#\$B%(#J*4 , "#. ("-\$* ("#' \$*
&#A-\$"#* ' . "-M, , 52*O' \$&\$*) ("4())\$&*F(??*M\$&#(4#?J*\$": , %4\$-*("#' (&*4, A%&\$2* + '\$. #("B*F(??* , #*M\$*
, ?\$% .#\$-2*>"J , "\$*# ' , AB' #*# , *' .N\$*N(, ?.#\$-# '\$&# . "- .%&* , :*. 4. -\$D(4* ("#\$B%(#J*F(??*: .4\$*
A"(N\$&(#JP& . "4#(, "\$-\$*)\$ " . ?#(\$&6* ("4?A-("B*MA#* , #*?(D(#\$-#* , 6*: .(?("B*#' \$*4? .&&2*

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7?.B.(&D* . "-*+ '\$. #("B/*

[, *&#A-\$"#&'&' .??*\$4\$(N\$6* .##\$D)#*# , %\$4\$(N\$6*5" , F("B?J*B(N\$* , %* .##\$D)#*# , *B(N\$*A" .A# ' , %(b\$-\$

, "\$4?.&&*F(#', A##'\$*)%(, %*)\$%D(&&(, "*, :*#' \$4A%%\$"#*)%, :\$&&, %G&H2*O '\$*)%, :\$&&, %%%\$&\$%NS&#'\$*
(B '##, *&AMD(#*).)\$%&#*, *[FFF2#A#\("24, D*](#)("*, %-\$%*#, *4 '\$45L\$":, %4\$*)?.B(.%(&D*),?(4J)*

3#. #SD\$"#*, "8(&.M(?#(\$&/*
d3 ce&*-(&>@KC8*3#A-\$"#3A)), %3\$%N(4\$&*G8333H/*d\$""\$&.F*3#. #c"(NS%&(#J*)%, N(-\$&*
)%, B%.D*.44\$&&(M(?#J*."-%\$.&,".M?\$*.44, DD, -.#("&*:,%*)\$%&,"&*-\$("-\$*.&*(-(&.M?\$-*A"- \$%*
3\$4#(,"*; <=*, :*#' \$* f\$'.M(?#. #("*>4#*, :*U]_`*."-#'\$*>D\$(4."&*F(#'8(&.M(?#(\$&*>4#*, :*U]]<2*

097!+/*0 '\$%\$&\$.%4*'DA&#:#,4A&*, '*&, D\$*.&)\$4#*, :*79K3L!>2*+, "&(-\$.M?\$*-(&4%\$#(, "(&*B(NS"*
#, *#A-\$"#&*("*\$?S4#("B*. *&)\$4:(4*&AMZ\$4#6*MA#*(-\$.??J*&' ,A?- *M\$%\$?.#S- *# , *# '\$("#\$%'&')2*O '\$
#,)4&*&' ,A?- *M\$*&, D\$#'("B*# ' .#*# '\$*&#A-\$"#*:(" -&*("\$%\$&#("B* . " -*(#&*&' ,A?- *M\$*" .%%, F?J*:, 4A&\$-2*
0,)4&*D. J*\$M\$4' . "B\$-*:%, D*# ' .#*%) ,) , &\$- *-A#("B*# '\$*.))?(4.#(, "*"%) , 4\$&&*MA#&#A-\$"#&*&' , A?- *
4, "&A?#* '(&L '\$%*. &&(B"\$-\$*.))\$%*&A)\$%N(&, %*:, %* '\$?)2*

KC [YO I /*0 '\$\$D("DAD*) .) \$%*\$?B# '*(&*-(4#.#\$- *MJ*. D, A"#* , :*4%\$-(#*%\$4\$(N\$-2*O '\$*
%WA(%\$D\$"#&*. %\$/*]- , AM?SP&). 4\$-\$* . B\$&*: , %*` * ' , A%&* , :*4%\$-(#6*UX*) . B\$&*: , %*a * ' , A%&* , :*4%\$-(#6*U*
). B\$&*: , %*] * ' , A%&6* . " -*U^*) . B\$&*: , %*UX* ' , A%&2* [, #\$/#(#?*\$) . B\$&6* . M&#%. 4#&6*%\$:\$%\$ "4\$&LF , %5&*4(#\$-6*
." -*%\$#A% " &*G&). 4("BH\$- , * , #*4, A"#*# , F. % -&*# '\$*) . B\$%\$WA(%\$D\$"#&2*
30 f c +0 c f C/*0 '\$\$) .) \$%*\$DA&#*4 , "#. ("* .#*(#?*\$) . B\$6* . "*" . M&#%. 4#L&ADD. %J6* . "*"#% , -A4#(, "6* .
M%(\$:*?(\$% . #A%\$%\$N(\$F6* . " .?J&(&6*4, "4?A&(, "*" . - *M(M?(, B%.) ' JL%:\$%\$ "4\$&2*

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O '\$*("#% , -A4#(, "&' , A?- *4 , "#. ("* . "\$Q)?(4(#&#. #SD\$"#* , :*# '\$* . %BAD\$"#* , %*WA\$&#(, "6* . *&ADD. %J* , :*
' , F*# '\$*# ,)4*F(?*M\$*&A) , %#\$- * , %*SQ)?, %\$- * . " - * - \$: ("#(, "&* , :*5\$J*4, "4\$)#&2*O '\$*?(\$% . #A%\$*
%N(\$F*&' , A?- *(- "\$(:J* . #*?\$. &#*:, A%* , %*:(N\$*)%("4(. ?*# '\$, %\$#(4. ?*F , %5&* , "# '\$*# ,)46*("4?A-\$* . *
M%(\$:*-(&4A&&(, "*" , :*F' . #*\$. 4 * F , %5*%\$N\$. ?&*G , %* - , \$&* " , #*%\$N\$. ?H6* . " - * . *4, "4?A-("B*&#. #SD\$"#* . M, A#
'\$*4A%\$"#*5" , F?\$-B\$* , :*# '\$*# ,)42*7KC>3C*4, "&A?#*&, D\$*("\$%\$"#*&, A%4\$&*. " - *J, A%* . &&(B"\$-\$
) .) \$%*&A)\$%N(&, %*:, %*(" : , * , " * ' , F*# , * - , * . *4, %\$4#*?(\$% . #A%\$%\$N(\$F?O '\$\$)A% ,)&\$* , :*# '\$* . " .?J#(4. ?*
&\$4#(, "*"(&*# , *-\$:\$- *# '\$*# '\$&(&2*3#A-\$"#&*&' , A?- *%\$&#. #*# '\$* . %BAD\$"#* ("*# '\$*:(%&#*) . % . B%.) ' * , :*# ' (&
&\$4#(, "6* . " - *# '\$*)%\$&\$"#*&A) ,)#("B*\$N(-\$ "4\$2*CN(-\$ "4\$*("4?A-\$&#* ("B&*A4' * . &*&#. #(&#(4. ?*
: (" - ("B&6*# . M?\$&6*B%.) ' &6*WA, #.#(, "&6* . " - * - \$&4()#(, "&* , :*\$N\$"#&2*O' (&(&* . ?& , *F '\$%\$&#A-\$"#&*
&' , A?- *)%\$&\$"#* ("#\$%)%\$#. #(, "&* , :*# '\$*N(-\$ "4\$2*O '\$*4, "4?A&(, "*" &' , A?- *%\$&#. #*# '\$* . %BAD\$"#* . " - *

3#A-\$"#&*F(??*M\$*B%.-\$-*, "#'\$S%, AB'-%.:#*, :*#'\$(%*) .) \$%*D(-F.J*#'% , AB' *#'\$&D\$&#S\$%2*O '\$
4%(\$S%(. *, A#?("\$-\$-*, %*#'\$*:(".?*) .) \$%*F(??*M\$*A#(?b\$-6*F(#' *#'\$*A"-\$%&#." -("B*#'.#*(#*(&*.-%.:#2*O '\$
\$"#(%\$*)A%) , &\$* , :.*-%.:#*(&*: , %*#'\$&#A-\$"#*# , *B(N\$*# '\$: .4A?#J*D\$DMS\$%* ."* .-\$WA.#\$*A"-\$%&#." -("B*
 , :*#'\$*) .) \$%*& , * .RD , &#?J*4 , D)?\$#ST*-%.:#*(&*Q)\$4#-\$2*Y , , -*:\$S-M.45*4. " " , #M\$*)% , N(-\$-*, ".*
R-%.:#T*#'.#*(&*(&D)?J*.*:\$F*(-\$.&*F(%##\$"*- , F"(" , * .&' , %*# , A#?("\$*F(#'" , *) .%#&* , :*#'\$*) .) \$%*
.4#A.??J*F(%##\$"* , A#* ."-*4 , D)?\$#2*>&*F('#*Z , A% " .?*\$"#(\$&6*\$?S4#% , "(4*:(?*\$#(?\$&*DA&#*4 , "#.("# '\$
&#A-\$"#S&? .&#* .D\$2*G!2\$2*Rf , AB' *8%.:#3 .D*3D(#' TH*

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O '\$*:(".?*) .) \$%*DA&#M\$*4 , D)?\$#-\$, "#(DS\$. "-*4 , "#.("#'\$&#A-\$"#S&*".D\$*("#'\$*:(?*\$#(?\$*ZA&#* .&*
: , %*Z , A% " .?*\$"#%(\$&* ."-*#'\$*% , AB' *-%.:#2*>B. ("6*M\$*&A%\$*# , *A?:(??*#'\$*D("DAD*"ADM\$%* , :*) .B\$&
G%\$:\$S\$"4\$-*.M , NSH*: , %*#'\$*4%\$-(# ' , A%&\$%."\$-2**>"*\$?S4#% , "(4*4 ,)J* , :*#'\$*%\$&\$%4' *) .) \$%*F(??*M\$*
-A\$*# , *8%2*3#%(45 , *\$NS\$%.*?*- .J&*# , * , "\$*F\$\$\$5*)% (, %*# , # '\$*)%\$&\$"#.#(, ".*- .#S2*

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3#A-\$"#&*DA&#B(N\$* ."* , %.*?)%\$&\$"#.#(, " , :*#'\$(%*%\$&\$%4'*G" , #*#'\$*("#\$%"&') *SQ)\$%(\$"4\$H* ."-*
\$Q)\$4#*.M , A#* ; *D("A#\$&*: , %*WAS&#(, ".*"-*4 , DDS"#&*: , D* , # '\$%&#A-\$"#&* ."-*4 , DD(##\$*D\$DMS\$%&2*
7 , F\$%*7 , ("#')%\$&\$"#.#(, "&.*%\$*J)(4.??J*A&\$-*MA#*.*%\$*" , #*%SWA(%\$-2*O '\$*%SWA(%\$-*)%\$&\$"#.#(, " , *
?\$"B#'\$*F(??*N.%J*-\$)\$" -("B*A) , "#'\$*ADM\$%* , :*&#A-\$"#&*("#\$*\$4? .&&MA#*F(??*M\$* . " , A"4\$-*("
. -N. "4\$* ."-*(&*J)(4.??J*U<PU ; *D("A#\$&2* f\$&\$%4' *)%\$&\$"#.#(, "&*D.J*MS*- , "\$* , N\$%# '\$*)' , "\$*(
8%2*3#%(45 , *-\$4(-&*#'.#*(#*(&*\$.&(\$%*: , %*NS\$%J , "\$*("N , ?N\$-2*

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O , F .-%&*# '\$*\$"-* , :*#'\$&D\$&#S\$%&#A-\$"#&*F(??*\$(#' \$%*M\$*D.(?-\$*.4 ,)J* , :*#'\$&A)\$%N(& , %S&*
\$N. ?A.#(, " : , %D* , %*(#*F(??*M\$*&\$"#*?\$4#% , "(4.??J*# , # '\$&A)\$%N(& , %&*)\$4:(-\$-*, "J , A%* .)) ?(4.#(, " , *
G , %*(#*F(??*M\$*) , &#S-\$, " *8XKH2*@\$&A%\$*# , *4 , "#.4#*+ .%\$S%3\$N(4\$&*(*J , A*\$-\$-# , *A) - .#*# '\$*
&A)\$%N(& , %S&*4 , "#.4#*(: , *-A%("B*#'\$*S\$D2*O '\$* : , %D*DA&#M\$%#A%"\$-# , *8%2*3#%(45 , *MJ*# '\$*
M\$B(" ("B* , :*#'\$*)%\$&\$"#.#(, "&.*#*# '\$*\$"-* , :*#'\$&D\$&#S\$%2*O '\$*CN. ?A.#(, " : , %D*("4?A-&* .&) , #*
: , %*# '\$&A)\$%N(& , %*# , *4 , " : (%D*#'.#*# '\$&#A-\$"#*F , %5\$-# '\$*%SWA(%\$-*"ADM\$%* , :* , A%&2*
3#A-\$"#&*&' , A?-*5\$\$)* .%\$4 , %-* , :*' , A%&F , %5\$-*, %*# '\$*("#\$%"&') *#'.#* - , 4AD\$"#&# '\$*D("DAD*
' , A%&*(&*4 , D)?\$#S-2*