

! " # \$ % # & ' () * + , , # - \$) ' & % " ' () . ! * ' /) , # (% 0 1)

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!!! " # \$ % "

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L8!M>%\$,!

@#\$!EM>%\$,F!*-!.\$!-.3 '\$%.!>#(!#&-!, \$B3\$-.\$'!.#\$!&44(==(' &.*(%!&% ' !#&-!
, \$4\$*+\$ ' !&77, (+&5!.(!?, *%; !&%!D" 9!*%.(!) %*+\$, -*./!H(3-*%; 8!

!!

JJ8!!A, (4\$ ' 3, \$-!2(, !N\$B3\$-.*%; !D = (. * (%&5!" 377(, .! 9%* = &5-!%!) %*+\$, -*./!H(3-*%; !
@#\$!7, (4\$ ' 3, \$!2(, !, \$B3\$-.*%; !D" 9-!-.&, .-!>*.#!&%!&775*4&.*(%: !&+&*5&?5\$!2, (= !.#\$!

!!!"\$#\$%"

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\$6&=75\$:'*, \$4.!&44\$--!.(!.#\$(3.-*' \$!2(, !-.3 '\$%.-!>*.#!' (; -!&-!.#*\$, !D" 9!>*55!?\$!&!
; *+\$%!4(%-* '\$, &.*(%8!!A5&4\$=\$%.!>*55!&5-(!?\$!4(%-* '\$, \$'!.#(3; #.2355/!*%!4(%K3%4.*(%!
>*.#!(.#\$, !-.3 '\$% .C-!' *-&?*5*.*\$-!-34#!&-!-\$+\$, \$!&55\$, ; *\$-8!
!

Jd8!!!!!!944\$--!.(!) %*+\$, -*/!P&4*5*.*\$-!L/!D" 9-!

98!!!!9%!D" 9!=3-!?\$!4(%.&*\$'!>*.#*%!.#7, *+&.\$5/!&--*; %\$'!*% '*+* '3&5!5*+*% ;!
&44(= (' &.*(%-!0\$8; 8:!, ((= :-3*.\$!&7&, .=\$%.!\$64\$7.!.(!.#!\$6.\$%!.#*\$'!*+* '3&5*!-!
&I% ; !.#\$!&*% = &5!(3.12(, !%&.3, &5!, \$5*\$28!! V#\$%!!&!D" 9!*-(3.-*' \$!.#7, *+&.\$!
% '+* '3&5!5*+*% ; !&44(= (' &.*(%-!*!.! = 3-!?\$!%!*%&!&*% = &5!4&, , *\$,(, !4(%., (55\$'!/?/!
&15\$&-#!(, !#&, %\$--8!D" 9-!&, \$!%(!&55(>\$'!*%&!&/!) %*+\$, -*/!2&4*5*.*\$-!(.#\$, !.#&!
) %*+\$, -*/!, \$-* '\$%4\$!#&55-!0\$8; 8!' (, =*.(, *\$-:-3*.\$-!&7&, .=\$%.-!\$.481!.(!>#*4#!.#\$!
% '+* '3&5*!&--*; %\$' 8!
L8!!!!!!G(= **(%!&' !U(%., (5!
Y(>*.#-.&% '*% ; !.#\$, \$-., *4.*(%-!-\$!2(, .#!#\$, \$*%:!.#D" 9! = 3-!?\$!7, (7\$, 5/!#(3-\$'!
&% '!, \$-., &*%\$'!(, !(.#\$, >*\$-!3% '\$, !.#\$' (= **(%!&' !4(%., (5!(2!.#M>%\$, !&!&55!
. *=\$-8!Y(!M>%\$, !-#&55!7\$, =*!.#&!&*% = &5!.(! ; !5((-\$!(, !, 3%!&.15&, ; \$8!!J2!&!&*% = &5!
-!2(3% '!, 3%% ; !&.15&, ; \$:!.#&!&*% = &5!*-!-3?K\$4.!(14&7.3, \$!&% ' !4(%2*\$=\$%.!&'!
* = \$' &.\$!, \$ = (+&5!2, (=!) %*+\$, -*/!#(3-*% ; !&!.#M>%\$, C-!\$67\$%-8! V#\$%!.#\$!
M>%\$, !*-!%(!*%!, \$-* '\$%4\$!.#&!&*% = &5! = 3-!?\$!4(%2*\$'!*%&!&!&77, (7, *&.\$!-<\$'!
4, &.\$:!4& ; \$!(, !&B3&, *3 = 8!
!

d8!!!!!!J% '*+* '3&5 -!N\$-7(%-*?*5*.*\$-!2(, !D(.*(%&5!"377(, !9%* = &5!

J2!.#\$(!) %*+\$, -*/! ; , &%.-!&!% '*+* '3&5C-!, \$B3\$-!.(!5*+\$!>*.#!&!D" 9:!.#*\$'!*+* '3&5!
* -!(5\$5/!, \$-7(%-*?5\$!2(, !.#\$!43-.(' /!&' !4&, \$!(2!.#D" 9!&% ' ! = 3-!=\$\$.!.#\$!
2(55(>*% ; !, \$B3*, \$=\$%.-Q!
98!!!!!!e\$%\$, &5!N\$-7(%-*?*5*.*\$-!
\8!@#\$!M>%\$, ! = 3-!&?* '\$!/?/!43, , %\$.!4*./:!4(3%./: !&% ' !-.&.\$!(, ' %&%4\$-!5&>-:!
&% 'S(, !, \$; 35&.*(%-!7\$, .&*%*% ; !.(!5*4\$%-*% ; :!+&44*%&.*(%: !&% '!(.#\$, !, \$B3*, \$=\$%.-!2(, !
&*% = &5-8!J.!*-!.#\$!*% '*+* '3&5C-!, \$-7(%-*?*5*./!.(!I% (>!&% ' !3% '\$, -.&% '!.#-\$-!
(, ' %&%4\$-!5&>-: !&% '!, \$; 35&.*(%-8!@#\$!) %*+\$, -*/!#&-!.#\$, * ; #.!.(!, \$B3*, \$!
' (43=\$%.&.*(%!(2!4(= 75*&%4\$!>*.#!-34#!(, ' %&%4\$-!5&>-: !&% 'S(, !, \$; 35&.*(%-:!
>#*4#! = &/!*%453 '\$!&!+&44*%&.*(%!4\$, .*2*4&.\$!(%!&!&%3&5!?!&-*8!@#\$!) %*+\$, -*/!
, \$-\$, +\$-!.#\$, * ; #.!.(!, \$B3\$-!' (43=\$%.&.*(%!-#(>*% ; !.#&!.#&!&*% = &5!#&-!?\$%\$!
5*4\$%- '\$8!
&8!@#\$!M>%\$, !*-!, \$B3*, \$'!.(!45\$&%!37!&2.\$, !&% ' !7, (7\$, 5/!'*-7(-\$!(2!.#&!&*% = &5C-!
>&-.!\$!*&!&-&2\$!&% ' !-&%*.&, /! = &%%\$, !&% ' !>#%\$!7, (+*' '\$' :! = 3-!3-\$!&*% = &5!, \$5*\$2!
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7,(4\$'3,\$-\$!2(!45\$&,*%;!.#\$!4&=73-!'3,*%;!-\$+\$,\$!>\$&.#\$,;!>*.#(3.!7,*(*./!(!&%/!
\$=(.*(%&5!-377(!.&%*=&5!*%!,,\$-*'\$%4\$8!!
W8!@#\$!M>%\$,!*-!,B3*,\$'!.(!\$%-3,\$!.#&!*%*=&5!*->\$55!4&,\$'!2(!&!.!&55!.*=\$-8!J.!*-
3%5&>235!2(!.&%/!7\$,-(!!(>%*%;!&%!&%*=&5!.(!2&*5!.(!7,(+'\$!>*.#!7,(7\$,!&% '!
&'B3&.\$!2((!'&% '!',*%I:!!>#*4#!4(%-*.-!(2!&44\$--!.(!2((!'&% '!>&.\$,!&!.!5\$&-!\$+\$,!
.>\$5+\$!#(3,-:!!&% '!.(!2&*5!.(!7,(+'\$!.#&!*%*=&5!>*.#!%\$4\$--&/!=\$'*4&5!&..\$%.*(%!
&% '!.,\$&.\$%!.(!7,\$+\$%!.!-322\$,*% ;8!9%/!\$+*\$%4\$!(2!=\$-.,\$&.\$%!.(!,&?3-\$!=\$&/!
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?&,I*% ;: !>#%*% ;: !=\$(>*% ;: !&% ' !-B3&>I*% ;8!
g8!@#S!&%* = &5!*-!&55(>\$' !*%!) %*+\$, -*/!#(3-*% ;!(%5/!&-!5(% ;!&-!*!*-!%\$4\$--&, /!
?\$4&3-\$!(2!.#\$!M>%\$,C-! '*-&?5*/.8!@#S!M>%\$,!=3-!% (.*/!.#\$!M22*4\$!(2!T\$&, %*% ;!
NS-(3,4\$!%> ,*. % ;!*2!.#\$!D" 9!*-!(15(% ;\$,!%\$\$ '\$'!(,!*-!(15(% ;\$,!*%!, \$-* '\$%4\$8!@(!
, \$75&4\$!&!D" 9:!.#S!%\$>!&%* = &5!=3-!.\$!%\$4\$--&, /!?\$4&3-\$!(2!.#\$!M>%\$,C-!
'*-&?5*/.8!&% ' !.#\$!M>%\$,!=3-!2(55(>!.#S!7, (4\$' 3, \$-!%!.#* -!A(5*4/!>#S%!, \$B3\$-. %* ;!
&! '*22\$, \$%!&%* = &58!
\X8!")!7\$, -((%%\$5!-#&55!%(!?S!, \$B3*, \$'!.(!7, (+*' \$!4&,\$!(, !2((' !2(, !&% /!D" 9!
%453' %* ;: !?3.1% (.15* = *.\$'!. (:!, \$ = (+*% ;!.#S!&%* = &5!' 3, %* ;!\$ = \$, ; \$%4/!\$+&43&.*(%!
2(, !+\$%.-!-34#!&-!&!2*, \$!&5&, =8!!D=\$, ; \$%4/!7\$, -((%%\$5!>*55!' \$.\$, = %\$!>#\$.#\$, !.(!
, \$ = (+\$!.#S!&%* = &5!&% ' ! = &/!% (!?S!#5\$'!, \$-7(%-*?5\$!2(, !.#S!4&,\$:!' & = & ; \$!.(:!(, !5(--!
(2!.#S!&%* = &58!
\ \8!L/!-* ; %*% ; !.#* -!7(5*4/!:#\$!M>%\$,!7, (+*' \$-!>, *..\$%!4(%-\$%!.!2(, !.#S!" .3 '\$%.!
"377(, .!"\$, +*4\$-!.(!'*-45(-\$!*%2(, = &.*(%!, \$; &, '*% ; !.#S!, \$B3\$-.!2(, !&% ' !7, \$-\$%4\$!(2!
.#\$!D" 9!.(!.#(-\$!*% '*+*' 3&5-!>#(! = &/!?\$!* = 7&4.\$'! ?/!.#S!7, \$-\$%4\$!(2!.#S!&%* = &5!
%453' %* ;: !?3.1% (.15* = *.\$'!. (:!NS-* '\$%4\$!T*2\$!7\$, -((%%\$5!&% ' !7(.\$%.*&5!&% ' S(, !&4.3&5!
, ((= &.\$0-18%\$* ; #?(, 0-18!!" 34#!%2(, = &.*(%!-#&55!?\$!5* = *.\$'!.(!%2(, = &.*(%!, \$5&.\$'!
.(!.#S!&%* = &5!&% ' !-#&55!%(!%453' \$!*%2(, = &.*(%!, \$5&.\$'!.(!.#S!*% '*+*' 3&5C-!
'*-&?5*/.8!
\ ^8!!@#S!M>%\$,!>*55!%\$\$'!.(!4(= 75\$.\$!.#S!A\$.!9 775*4&.*(%: !5(4&.\$' !*%!" .&, N\$<: !&-!
7&, .!(2!.#S!2*%&5!&77, (+&5!7, (4\$--8!@#* -!*-!&!NS-* '\$%4\$!T*2\$!&775*4&.*(%: !>*.#!*-!
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J!23,.\$,!,4(;%*<\$!.#&!.#\$!7,\$-\$%4\$(2!.#D" 9!=&/!?\$!(.*4\$'!?!(.#\$, -!+*-.%*;!
(,!,,\$-*' *% ;!%!)%*+\$,-*/!H(3-*% ;!&% ' !& ;,\$\$!.#&!-.&22!=&/!&4I%(>5\$' ;\$!.#\$!
7,\$-\$%4\$(2!.#D!&%* =&5;!&% '\$675&%*!.#&!.3% '\$,!4\$,.&%!4*,43=-.&%4\$-!D=(.*(%&5!
"377(,!.!9%* =&5-!&,\$!7\$,=*..\$'!2(,!7\$,-(%-!>*.#! '*-&?*5*.*\$-8!

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M>%\$,!"*;%&.3,\$!!G&.\$!

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G*,\$4.(!(2!N\$-*'\$%4\$!T*2\$! ! ! !!!!!G&.\$!

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