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

81\$&!9!

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"#\$%&! ' (!)*+#,-*#!./ 0!..!)1#2134!5657!

)*+#,*#V!Y(!C(!:(V!)*+#,-*#V! "(! ' (V! i c *R&#V! ' (! g(V! f! c &%;V!Z(! / (!E569FG(! 83%#@%=&,&2,&M! -*!
&R1;21-&!>1-+&>1-%@1;!&X=;1#1-%*#(!a#! / *5.)@+, 87\$52\$'()\$JP'(\$ / , , 0&l\$: 5, 2)* , .)\$52\$'()\$
: 58, +'H)\$6.+ , .)\$65.+)'<!E==(B95HB9FG(!

)*+#,-*#V! "(! ' (V! iD*;M&#V! 8(V! f! Y1#-* ,V! g(! E569FG(! \X=*3%#\$! -+&! &R*;2-%*#134! *3%\$%# , ! *?!

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; *41#\$\$ ')& : ,%*"'+.#0\$"

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3&H&#\$1\$&!+2>1#,!1?-&3!J*%#-!1@-R%-4!

ii : *\$&,&v! ' (v!)*+#,-*#v! " (v! : 4*,%&3&v!Y(!E,2L>

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"#&#!'(!)*+#,-*#!./0!.)1#2134!5657!

i i Y%;R&3V!1(V!)*+#,-*#V!"(!' (V! f !Y1#-*,V!g(! (E5656G(!<*!M*\$,! =3&?&3!-!*%#-&31@-!U%-+!-+&!U##&3,!
?!@>=&-%R&!%#-&31@-%*#h!W1;e!=3&,&#-&M!1-!+&! \ 1,-! / *1,-! / 1##&! / *\$#-%*#! b *3e,+* =V!
T&U!D1R&#V! / W(!

)*+#,-*#V!"(!' (E5656G(! b +1-!@1#M*\$,-&1@+!2,!1L*2-!+2>1#!;&13##\$h!W1;e!=3&,&#-&M!1-!+&!
/ *#@&=-21;!` 3\$1#%j1-%*#V! [&1,*%#M\$!1#M!8&3@&=-%*#!g1L!T*3-+&1,-&3#Q#R&3,%-4V! ' "(!
:*\$&,&V! ' (V!)*+#,-*#V!"(!' (f !Y1#-*,V!g(! (E5656G(!<*!+2>1#!,!M%,32=-!@1##&!*;?1@-%*#!*3!
%#?;2&#&@! ,&#,*34! >*M1;%-4! 2,&h! W1;e! =3&,&#-&M!1-!+&! \ 1,-! / *1,-! / 1##&! / *\$#-%*#!
b *3e,+* =V!T&U!D1R&#V! / W(!

i i Y%;R&3V!1(V!Z23;*\$V!\(V!)*+#,-*#V!"(!' (V! f !Y1#-*,V!g(! (E5690G(! \ X1>%##\$!, *%1;!&R1;21-%*#%#!
M*>&,-%M*\$,(W1;e!=3&,&#-&M!1-!+&!5690! / *>=131-%R&! / *\$#-%*#! / *#?&3&#&@V! ' &;L*23#&V!
Zg(!

8&,\$3>V! ' (V!\ ,=%#*,1V!)(V!W&@U4#V!\(V! ' 13-*#V!Y(V!)*+#,-*#V!"(!' (V! : 2@+,L12>V!<(E5690G(! b +1-d,!
-+&!=%#-h!<* >&,-%M*\$,d!2#M&3,-1#M#%\$!*?!-+&!1@231@4!*?!+2>1#!,*%1;!@2&,(W1;e!1-!+&!
" 3-,!1#M!Y@%#&@&!,!Y-2M&#-!Q#%*#!Q#M&3\$31M21-&! [&,&13@+! / *#?&3&#&@%#W*3*#- *V!` # -13*(!

)*+#,-*#V!"(!' (V!i T*,1#V! / (V!W&@U4#V!\(/ (V! f !Y1#-*,V!g(! (E569SG(!W+&!M*2L;&H&M\$&M!,U*3M!*?!
M*>&,-%@1-%*#!<*\$,!13&!;&,,!1M&=-!-+1#!M#%\$*&!,!1-%#M&=&#M&#-! =3*L;&>!,* ;R#\$(W1;e!
=3&,&#-&M!1-! / 1##&!Y@%#&@&!Z*32>V! : 2M1=&,-V!D2#\$134(!

)*+#,-*#

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"#&#!' (!)*+#,-*#!./0!.)1#2134!5657!

8&,\$3>V! '(V!\,=#*#*,1V!)(V!W&@U4#V!\(V! ' 13-*#V!Y(V!)*+#,-*#V!"(V!: 2@+,L12>V!<(E569SG(<*>&,-%@!
M*\$,d!2#M&3,-1#M%#\$!*?!-+&!1@231@4!*?!+2>1#!,*%1;!@2&,(W1;e!=3&,&#-&M!1!-+&!\, -! / *1, -!
/ 1#%##! / *\$#%*#*#! b *3e, +*=%#!T&U!D1R&#V! / W(!

[*-->1#V!)(V!)*+#,-*#V!" (! ' (V! : %&3+*?V!Y(V! 8&;;&-%&3V!W(V! C3%\$*3&R1V! " (V! : &#%-&jV!)(V! f ! 81-&V! 8(!
E569SG(!Y&:&@-%R&!-32,-!1#M!=*%,-%R&!&R1;21-%*#*,!*?!@;&1#!%#?*3>1#-,!1@3*,!,M&R&,*=>&#-!
1#M!@2;-23&(W1;e!=3&,&#-&M!1!-+&!569S!>&&-%#\$!*?!-+&! / 2;-231;!\R*;-2-%*#*Y*%&-4V!W&>=&V!
" 1(!

)*+#,-*#V!" (! ' (V! / +1#\$V! g(! b (V! f ! Y1#-* ,V! g(! [(E569FG(! a! @1#!M*!%-! >4,&?!) <*\$,! =3%*3%-j&!
%#M&=&#M&#-! =3*L;&>! ,* ;R%#\$! *R&3! ;**e%#\$! L1@e!(W1;e!=3&,&#-&M! 1! -+&! 569F! / *\$#%-R&!
<&R&,*=>&#-!Y*%&-4d,! : %&##%1;! ' &&-%#\$V!8*3-;1#MV! ` [(!

)*+#,-*#V!" (! ' (E569FG(! b +1-!@1#!M*\$,-!&1@+12,!1L*2-!+2>1#!;&13##%\$h!W1;e!=3&,&#-&M!1!-! : 3*U#!
Q#%R&3,%-4!Y*%1;! : 3*U#! : 1\$V!83*R%M&#&@&V! [a(!

)*+#,-*#V!" (! ' (E569FG(!W+3*2\$+!-+&!&4&,*?!M%#\$*%&,)!" !;**e!1-!M%#\$*!@*%\$#%-*#*(W1;e!=3&,&#-&M!
1!-+&! " 2,-31;%1!<%#\$*!Z*2#M1-%*#V!0%*-3%1V!" 2,-31;%1(!

: %&3+*?V!Y(V!8&;;&-%&3V!W(V!)*+#,-*#V!" (! ' (V! : %&3+V!Y(V! f ! [*-->1#V!)(E569FG(<&R&,*=>%#\$!1!M%,M1%#!
?! M%3-%#& ,]! / +%;M3&#d,! 1#M! 1M2;- ,d! ,&@-%R&! -32,-!1#M! =%,-%R&! &R1;21-%*#*,!*?! @;&1#!
%#?*3>1#-,(! W1;e! =3&,&#-&M! 1! -+&! 569F! >&&-%#\$! *?! -+&! Y*%&-4! ?*3! 8+%,* ,* =+4! 1#M!
8,4@+*;*4(! : 1;-%>*3&V! ' <(!

)*+#,*#V!Y(!C(! : (V!)*+#,-*#V!" (! ' (V! i c *R&#V! ' (! g(V! f ! c &%;V!Z(! / (!E569FG(! 83%#@%=&,&! 2,&M! -*!
&R1;21-&! >1-+&>1-%@1;!&X=;1#1-%*#*(W1;e!=3&,&#-&M! 1! -+&! 569F! >&&-%#\$!*?!-+&! / *\$#%-R&!
Y@%&#@&!Y*%&-4(!g*#M*#V!\ #%;1#M(!

iD* ;M&#V!8(! / (V!)*+#,-*#V!" (V! ' (V! f ! Y1#-* ,V! g(! [(E569BG(! \X=;*3%#\$!*R&3%>%-1-%*#!%#M*\$,(W1;e!
=3&,&#-&M!1!-P1;&!\ #%\$%&&3%#\$!1#M!Y@%&#@&! b &&e&#M!569B!Y4>=* ,%2>(!T&U!D1R&#V! / W(!

)*+#,-*#V!" (! ' (V!)*+#,*#V!Y(!C(! : (V!Y+&,e%#V! ' (V! i c *R&#V! ' (! g(V! f ! c &%;V!Z(! / (!E569BG(!C*%#\$!
L&4*#M!-32-+H-31@e%#\$!W+&!M&R&,*=>&#-!%?!&X=;1#1-*34! =3&?&3&#@&,(W1;e!=3&,&#-&M!1!-+&!
569B! : 2M1=&,-! / \Q! / *#?&3&#@&!*#! / *\$#%-R&!<&R&,*=>&#-V! : 2M1=&,-V!D2#\$134(!

)*+#,-*#V!" (! ' (V! i ' 13?23-V!Y(V! f ! c &%;V!Z(! / (!E569AG(! / +%;M3&#l,!,&#,%-R&-4!-*!12-+*3,+%=@2&,1#M!
m21;%?&3, !U+&#&!R1;21-%#\$!-&X-(W1;e!=3&,&#-&M!1!-+&!569A! : %&##%1;! ' &&-%#\$!*?!-+&!Y*%&-4!
?*3! [&,&13@+!%#! / +%;M!<&R&,*=>&#-V!8+%;1M&=+%1V!8 " (!

g1#M32>V!" (V! ' %;;,V! / (V!)*+#,-*#V!" (! ' (V! f ! 8?;12>V!" (E569AG(!T1R&\=%,-&>*;%4)! / +%;M3&#l2,&!
,*@%-0.2(*237.6(U5.2411.90.8(')-0.2m/02.*23-0.2(!)!)150(%)0.2(&)0.2(.2(V!)13.7(/(V!)13.7())-0

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ii : 43#&v! ' (v!Y1U4&3v! c(v! f!)*+#,-*#v! " (! ' (!E5659G(!Y-%;;!Z1@&!%#!<*\$,(!8*,-&3!=3&,&#-&M!1-!-+&!
5659!>&&-#&\$!*?!-+&! / *\$#%-&R&!<&R&:*=>&#-!Y*%&-4v! ' 1M% , *#v! b a(!

ii : 43#&v! ' (v! : 314v! \ (v! ' 1@g&1#v! \ (v!)*+#,-*#v! " (! ' (!E5656G(\ R%M&#&@&!*?!U%#H

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"#\$%&! ' (!)*+#,-*#!./ 0!.)1#2134!565

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W+&!M*\$!-31%#%\$!,-31-&\$%&!-+1-!U*3e!*#!e%M,(!XO&*bV!99NIN569B!

"!M*\$!%,!>*3&!;%e&;4!-*!%\$#*3&!L1M!1MR%&!-+1#!1!@+%;MV! !7<. (5158<\$\ 5@&<D\$96NBN569B!

b 1#-! *U*3e!, > 13-&3V!#*!-+13M&3h!W+%#e!;%e&!1!M*\$!(=+8\$\ (+,)D\$96N7N9B!

8%e! f !@+**,&w!<*\$,!%\$#*3&!L1M!1MR%&!?!?3*>!+2>1#,(!N.5, 5A+. \$ \ +A)7\$", @+&V!96N7N569B!

D&3&k,!*#&!U14!4*23!M*\$!%,!1!L&-&3!;&13#&3!-+1#!4*2(!\ " - NV!ON5FN569B!

P*23!M*\$!%,!-!*!, > 13-!-*!?!*;;*U!4*23!M2>L!+2>1#!1MR%&(!_) Y\$ `5*/\$ - &8&b+,)V!ON5FN569B!

W+&!M%#\$*!%,!e&4!-*!&R*;;2-*#134!+%, -*34!*?!M*\$,(!^ \ /N\$: (&, ,)!\$M!95N9BN569A!

Y@%&#-#,-,!\$*!%#,%M&!+&!>%#M,!*?!M*\$,(!\ 5@&<\$6(5YV!95NON569I!

W+1-!M*\$#\$*#&!%#-2%-%*#!a,!4*23!M*\$!, > 13-&3!-+1#!4*2!-+%#eh!_ = : \$ _+8('l<\$ _)Y7!AN9N569I!

C;*L1;! ,2,-1%#1L%#;-4!-+3*2\$+!1!, *%1;! =,4@+*;*\$%1;! ;&# ,]! / ;%>1-&!@+1#\$&!3&, &13@+!1-!Y8Y8!569I(!
!7<. (\$4)G5*V!7NIN569I!

\ X=&3-,!1!-!-2M&,%#?;2&#&@!U+1-!@+%;M3&#!L&,%&R&(!6.+ , .)\$? &!<V!96N5SN5697!

P*2# \$! @+%;M3&#!-32,-! e%M#M#& , , ! *R&3! &X=&3-%, &(! = *+7(\$!7<. (5158+. &I\$ 65.+)'<\$ 4)7)&*. (\$?+8)7V!
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' 1#4<*\$, ! / * > > 2#%-4! : 2%;M%#\$!1#M!T&-U*3e!\ X=1#,%*#! / * > > %--&&!E5655H=3&,&#-G!

g&1M&3, +%!=a#,-%&-2!Z&;*UV! b 1;,%!" ##&#L&3\$!Z*2#M1-%*#!E5656G!

/ *H ` 3\$1#%j&3V!\ 1,-! / *1,-! / 1#%#&! / *\$#%-%*#! b *3e,+*!=E569SH5656G!

[&R%&U!81#&;! / +1%3V!Y*%&-4!?!*3! [& , &13@+!%#! / +%;M!<&R&;*=>&#-!Y=&@%1;!W*=%@,!' &&-%#\$!E569OG!

: *13M! ' &>L&3V!C31M21-&!Y-2M&#-! [&=3&,&#-1-%R&V! / *\$#%-R&!<&R&;*=>&#-!Y*%&-4!E569AH569FG!

[&R%&U&3]! / , +A &I\$ =) (&H+50*V! / , +A &I\$: 58, +'5, V! / , +A &I7V! \ ()\$ / , , 0&I\$ -) ' +, 8\$52\$ '()\$: 58, +'H)\$
6.+ , .)\$65.+)'<D\$=+5158<\$T)'')*7D\$: (+I@\$?)H)15GA), 'D\$: 58, +'5, V!: 0**), '\$=+515'<D\$: 0**), '\$
SG+, +5, \$ +, \$ \$ =) (&H+5* &I\$ 6.+ , .)7V! (?)H)15GA), '&I\$!7<. (5158<V! N&*I<\$ N@0. &' +5, \$ &, @\$
(?)H)15GA), 'D!N0G)*+A), '&I\$!7<. (5158<D\$ [OA&, ; / , +A &I\$ ", ') * &. '+5, \$ = 011)' +, D! +6.+ , .)V!
950*, &I\$ 52\$: 5AG&* &' +H)\$!7<. (5158<D\$ T) &*, +, 8\$ U\$ =) (&H+5* D\$ \ ()\$ _&' +5, &I\$ 6.+ , .)\$
B50, @&' +5, D\$!)) *9D\$!) *7G). ' +H)7\$ 5, \$!7<. (5158+. &I\$ 6.+ , .)D\$!TS6\$ S,)D\$! _ / 6D\$
! *5.) @+ , 87\$ 52\$ '()\$ 45<&I\$ 65.+)'<\$ = D\$!7<. (5158+. &I\$ 6.+ , .)D\$!7<. (5, 5A+. \$ = 011)' +, \$ U\$
4)H+) YD\$6.+), '+2+. \$4)G5*7D\$65.+&I\$?)H)15GA), 'D\$ \ *), @7\$, \$: 58, +'H)\$6.+ , .)\$!

' &>L&3]! / *\$#%-R&! <&R&;*=>&#-! Y*%&-4V! / *\$#%-R&! Y@%&#&! Y*%&-4

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"#\$%&! ' (!)*+#,-*#!./ 0!.)1#2134!5657!

O%,%-#\$!Y@%&#-%, -V! ' %MM;&!Y@+**;!YW \ ' !83*\$31>V!Z;4%#\$! / ;*2M!a#,-%-2-&!?*3! P*2#\$! b * > &#!%#!
Y@%&#&@&!E569BG!

a#R%-&M!Y=&1e&3V!Y@%&#&@&K : " [V!T&U!D1R&#V! / W!E569BG!

a#R%-&M!Y=&1e&3V! / 1 > =!Q#;&1,+&MV! : &3e,+%3&,V! ' " !E569AG!

D%\$+!Y@+**;!8,4@+*;*\$4! / *23,&! ' &#-*3V!P1;&!81-+U14,!-*!Y@%&#&@&!E5697H569IG!

Z%3,-!C31M&!Y@%&#&@&!Z1%3! ' &#-*3V!T&U!D1R&#!82L;%@!Y@+**;, !E5695H5697G!

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"#%&! ' (!)*+##,-*#!./ 0!.)1#2134!5657!

9'0, . \$ 1 '%\$, (k, %)kK%#2' . '#\$ 6k; ' . 2#+' !

>?>D! ! / +1%3!C31M21-!Y-2M&#-! / ;% > 1-!1#M! ' &#-1;!D&1;-+!Y23R&4)

>?>D! ! <%R&3,%-4!1#M!a#@;2,%R%-4! / ;% > 1-!1#M!W31%#%#\$/ * > %--&&!

>?>D! ! C31M21-!Y-2M&#-!0%3-21;! ' &#-*3%#\$/ * > %--&&!

>?>?)) 8,%! / +%!1#M!T2! [+*!8,%! [&,&13@+!81#&;! ' &>L&3!

>?BLD! ! Q#M&3\$31M21-!& ' &#-*3%#\$/ * > %--&&!

>?BLD! ! Z2-23&!<%3&@-%*#,! / * > %--&&!

>?BLD! ! ' @T1%3!\X=;*31-*34!83*\$31>!Z1@2;-4! ' &#-*3!

>?BCD>?BE! 8&&3H ' &#-*3!83*\$31>!?*3!C31M21-!Y-2M&#-,V!P1;&!8,4@+*;*\$4!

>?BM! ! Y-2M&#-! [&=3&,&#-1-%R&V!W&1@+%#\$/Z&;*U! / * > %--&&V!P1;&!8,4@+*;*\$4!

>?BAD>?BM! / *H / +1%3V!P1;&!<&R&;*=>&#-1;! / 233&#-! b *3e,!Y&3%& ,!

>?BAD>?BM! <&R&;*=>&#-1;! " 3&1! [&=3&,&#-1-%R&V!P1;&!8,4@+*;*\$4! / *;;*m2%2>! / * > %--&&!

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: '%\$! . #%7!

>\$/ '\$=57'5, \$: 5!l)8)!

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3 ('\$(% . 4+5&6*''\$#!	: 0**), '\$! 57+' +5, !
>?>DN*-\$- (&! i ' *;;4! : 43#&!)	<*@-*31;!Y-2M&#-V! : * , -*#! / *;;&\$&!
>?>>DN*-\$- (&) i c 13&#!)& , @+!	<*@-*31;!Y-2M&#-V! : * , -*#! / *;;&\$&!

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, . 7+8 ((%60'' . \$(%#!	: 0**), '\$! 57+' +5, !
>?BLD>?>?! i ' *;;4! : 43#&!)	<*@-*31;!Y-2M&#-V! : * , -*#! / *;;&\$&!
>?>BD! *-\$- (&) i " #41!813e,!	g 1L! / **3M%#1-*3V! : * , -*#! / *;;&\$&!
>?>>D! *-\$- (&) i Y+&##1%!81;&3>*!	g 1L! / **3M%#1-*3V! : * , -*#! / *;;&\$&!

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9''6%*I%. 6&. \$*+ - / *##+5& : *%; 0#*6!

>?>>) i ' 13e!Y@+>%--!	d e / *)\$Y)\$G+. J+, 8\$a&. J\$Ogf\$g/, (\$)0&A+, &' +5, \$52\$*); , 8&8A), '\$a) (&H+5*\$ +, \$@5A)7'+. &')@\$587\$
>?>>) i c 14;1!Y1U4&3!	^ (<\$75\$7)*+507f\$ [5Y\$@587\$*)7G5, @'\$5\$' ()\$6'+1!\$B&.)\$G&* & @+8A\$
>?>>) i <1#%&;!8%#&%3*!	- <\$7'*)77\$+7\$<50*\$7'*)77#\$/ , (\$)0G15* &' +5, \$52\$5Y,) *; @58\$&' &. (A), '\$@0*+, 8\$ ' ()\$: 5H+@; IP\$! &, @)A+. \$
>?>B) i D1##1+!g&&!	NOG*)77+5, 7\$ 52\$ 70*G*+7)\$ +, \$ @587\$ @0*+, 8\$ H+51&' +5, \$ 52\$)OG). '&' +5, \$)OG)*+A), '7\$
>?>B) i 11@+134!W%MM!	T55J+, 8\$a&. J\$a) (&H+5*\$+, \$&, \$O, 75!H&a!)\$' &7J#\$?5\$@587\$155J\$a&. J\$A5*)\$ 52'), \$Y(,)\$' ()+*\$5Y,) *\$+7\$&') , '+H)f\$
>?BE! " >1#M1! [*4e1	-)' &. 58, + ' +5, \$&. *577\$@5A)7'+. &' +5, #/\$. 5AG&*+75, \$52\$@587\$&, @\$\$+, 85)7!

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"#\$%&! ' (!)*+##,-*#!./ 0!.)1#2134!5657!

>?BC!	T1-&!YU&-;%-j!	- 5*)\$ '5\$ '()\$ G5+, '#\$? 587\$ h : &, +7\$ 2&A+l+&*+7i\$ +, ') *G*)'\$ G5+, '+, 8\$ &7\$ &\$.5AA&, @\$'(&'\$. 5, H)<7\$, 25*A&'5, !
>?BC!	812;!D*;M&#!	? 587\$ @5\$, 5'\$. (&, 8)\$ '()+*\$ G*5al)A;75IH+, 8\$ 7'*&')8+)7\$ &2')*\$ *).)+H+, 8\$ G)@&858+. &I\$. 0)7!

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9''6*%I%. 6&.\$*+<*#*. %' /+ =*44(>#!	
>?>>)	i)2;%1#1!" > 1-*
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>?>B@>?>>)	i C&*3\$%1!D1 > 1;% ,!
>?>?@>?>B)	i c 14;1!Y1U4&3!
>?>?)	i : 3&##1!Y+13e&4!
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