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

)*+#,*#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&1$: 5 ,2)*) , .)52'()$: 58 , +'+H)$6. +) , .)$65. +)'<!E==(!B95HB9FG(!

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

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

ii:43#&V! '(V!D*3,+;&3V!<(V!iY@+>%--V! '(V!f!)*+#,-*#V!"(!E,2L>%--&MG(!8&-!M*$,!E/1#%,!?1>%;%13%,G! 3&H&#1&!+2>1#,!1?-&3!J*%#-!1@-%R%-4(!

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

i i Y%;R&3V! l (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$1#%j1-%*#V![&1,*#%#$V!1#M!8&3@&=-%*#!g1LV!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! l (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(!

)*+#,-*#

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,-! /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! "l(!

)*+#,-*#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*$,!-&1@+!2,!1L*2-!+2>1#!;&13#%#$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!ic*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!ic*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&#k,!,&#,%-%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(!T1%R&!\=%,-&>*;*$4]!/+%;M3&#!2,&! ,*@%-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

!

i i : 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(!

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

!

W+&!M*$!-31%#%#$!,-31-&$%&,!-+1-!U*3e!*#!e%M,(!*X0&*'b*V!99N1N569B!

"!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(!\"-*N*V!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$:(&,,)1$M*V!95N9BN569A!

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

W+1-!M*$$*#&!%#-2%-%*#]!a,!4*23!M*$!,>13-&3!-+1#!4*2!-+%#eh!_=*:$_+8('1<$_)Y7*V!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-,k!1--%-2M&,!%#?;2&#@&!U+1-!@+%;M3&#!L&;%&R&(!*6.+),.)$?&+1<*V!96N5SN5697!

P*2#$! @+%;M3&#! -32,-! e%#M#&,,! *R&3! &X=&3-%,&(! =*+'+7($!7<.(5158+.&1$65.+)'<$4)7)&*.($?+8)7'*V! SNSN5697!

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!.!8'""#!%,(&#+$#2#$#'"!

'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&1$=)(&H+50*V!/,+A&1$:58,+'+5,V!/,+A&17V!\()$/,,0&1$-))'+,8$52$'()$:58,+'+H)$6.+),.)$65.+)'<D$=+5158<$T)'')*7D$:(+1@$?)H)15GA),'D$:58,+'+5,V!:0**),'$=+515'<D$:0**),'$SG+,+5,$+,$$=)(&H+5*&1$6.+),.)7V!?)H)15GA),'&1$!7<.(5158<V!N&*1<$N@0.&'+5,$&,@$?)H)15GA),'D!NOG)*+A),'&1$!7<.(5158<D$[0A&,;/,+A&1$",')*&.'+5,$=011)'+,D!+6.+),.)V!950*,&1$52$:5AG&*&'+H)$!7<.(5158<D$T)&*,+,8U=)(&H+5*D$\()$_&'+5,&1$6.+),.)$B50,@&'+5,D$!))*9D$!)*7G).'+H)7$5,$!7<.(5158+.&1$6.+),.)D$!TS6$S,)D$!_/6D$!*5.))@+,87$52$'()$45<&1$65.+)'<$=D$!7<.(5158+.&1$6.+),.)D$!7<.(5,5A+.$=011)'+,U4)H+)YD$6.+),'+2+.$4)G5*'7D$65.+&1$?)H)15GA),'D$*),@7$+,$:58,+'+H)$6.+),.)$!

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

!

0%,%-%#$!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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9 ' 0 , . $ 1 ' %$, (& , %) &K%#2 ' . "#$6&; ' . 2#+ ' !

>?>?D! !   / +1%3V!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 !

>$ / '$=57'5,$: 511)8)!

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

!

***, . 7+8 ((%60" . $(%#*!		*: 0**) , '$! 57+'+5 ,* !
>?BLD>?>?!	i ' *;;4! : 43#&!	<*@-*31;!Y-2M&#-V! : *,-*#! / *;;&$&!
>?>BD ! *-$-(&)	i "#41!813e,!	g1L! / **3M%#1-*3V! : *,-*#! / *;;&$&!
>?>>D ! *-$-(&)	i Y+&##1%!81;&3>*!	g1L! / **3M%#1-*3V! : *,-*#! / *;;&$&!

!

***9 "6*%1%. 6&. $*+- / *#*#+5&: *%; 0#*6*!

>?>>)	i ' 13e!Y@+>%--!	*d e / *)$Y)$G+.]+ , 8$a&.]$0G f g$/ , $)0&A+ , &'+5 , 52*);) , 8&8A) , '$a) (&H+5*$ +, $@5A)7'+. &')@$@587$*
>?>>)	i c 14;1!Y1U4&3!	*^ (<$75$7)*+507 f$ [5 Y$@587$*)7G5 , @$'5$'()$6'+11$B&.)$G&*&@+8A$*
>?>>)	i <1#%&;!8%#&%3*!	*- <$7'*)77$+7$<50*$7'*)77#$/ , $)0G15*&'+5 , $52$5 Y ,)*;@58$&"&. (A) , '$@0*+ , 8$ '()$: 5H+@; IP$! & , @)A+. $*
>?>B)	i D1##1+!g&&!	*N0G*)77+5 , 7$ 52$ 70*G*+7)$ +, $ @587$ @0*+ , 8$ H+51&'+5 , $ 52$)0G) . '&'+5 , $)0G)*+A) , '7$*
>?>B)	i l 1@+134!W%MM!	*T55]+ , 8$a&.]$a) (&H+5*$+ , $& , $0 , 751H&a1)$'&7]#$? 5$@587$155]$a&.]$A5*)$ 52') , $Y() , $'()+*$5 Y ,)*$+7$&") , '+H) f$*
>?BE!	" >1#M1! [*4e1!	*-)'&. 58 , +'+5 , $&. *577$@5A)7'+. &'+5 , #$/$. 5AG&*+75 , 52@587$& , @$@+ , 85)7*!

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>?BC!	T1-&!YU&-;%-j!	*- 5*)$ '5$ '()$ G5+, '#$?587$ h: &, +7$ 2&A+1+&*+7i$ +, ')*G*)'$ G5+, '+, 8$ &7$ &$ .5AA&, @$'(&'$.5, H)<7$+, 25*A&'+5,* !
>?BC!	812;!D*;M&#!	*?587$ @5$,5'$. (&, 8)$ '()+*$ G*5a1)A;751H+, 8$ 7'*&')8+)7$ &2')*$ *).)+H+, 8$ G)@&858+. &1$.0)7*!

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***9 "6*%1%. 6&. $*+<*#*. %'/+=*44(>#*!**	
>?>>)	i)2;%1#1! " >1-*!
>?>>)	i [1@+&;! / &@@1#&@@+%*!
>?>>)	i \ >%;4!Y+%!
>?>B@>?>>)	i C1L3%&;!Z1J13M*!
>?>B@>?>>)	i C&*3$%1!D1>1;%,!
>?>?@>?>B)	i c 14;1!Y1U4&3!
>?>?)	i : 3&##1!Y+13e&4!
>?>?)	i <1#%&;!8%#&%3*!
>?>?)	i D1##1+!g&&!
>?>?!	i l 1@+134!W%MM!

!