!

__M&*9*!/,8#9*9!:,!),(!&.A*!='.-'!@)'A*#9'(+!*S8'A.B*)(9X!(&*+!;'BB!O*!#*/,#:*:!.9!IMK!/,8#9*9!,)!(&*!9(8:*)(V9!
(#.)9/#'4($!%'(&!(&*!.99'9(.)/*!,5!(&*'#!./.:*-'/!.:A'9,#2!(&*!9(8:*)(!#*S8*9(9!H(&#,87&!4*('(',)L!5,#!(&*!P`ZM__!/,8#9*9!
(,!/,8)(!(,;.#:!P)7B'9&!1(8:'*9!#*S8'#*-*)(9!.9!:*9/#'O*:!O*B,;$!1(8:*)(9!/.)!*Q4*/(!(&.(!P`ZM!/,8#9*9!;'BB!O*!
/,8)(*:!.9!:*9/#'O*:!&*#*$!!

M&*!5,BB,;')7!'9!.)!,A*#A'*;!,5!(&*!#*S8'#*-*)(9!')!(&*!GE!/#*:'(!P)7B'9&!1(8:'*9!-.a,#!.(!='.-'!@)'A*#9'(+W!!

!

W!!!
P`Z!E\T![)(#,!(,!6'(*#.#+!.):!38B(8#.B!1(8:'*9!HU!/#L!!
PZ1!UFD!%#'(')7!.):!(&*!N#,5*99',)9!HU!/#L!
P`Z!G\b!3.49(,)*!HU!/#L!
!
W!
c*.:')79!')!6'(*#.#+!?'9(,#+W!18#A*+!.):!Z*)#*!H\!/#L!
1(8:'*9!')!%#'(')7!H.(!B*.9(!,)*!.(!UFFdGFF!B*A*BL!H\!/#L!
=8B('/8B(8#.B!.):!6')78'9('/!N*#94*/('A*9!H\!/#L!
J::'(',).B!UFFdGFF!B*A*B!PZ1!),(!89*:!.O,A*!HY!/#L!
!
"#$%&!'!()*+(!)*+!(,-.&/,(!0*12%&,3/4!,)&35!0*-5(&+*56!#,!73/0%#35!8*11-/3,9!8*W%&4&!+3W%!)#:&!0*12%&,&.!
-2!,*!';!*<!;'!5&=-35&.!05&.3,!)*-5(!3/!,)&!1#>*5?!
!!
!"#$%&;&</=&)*+,$"*-&./001+*23&./$$%4%&./1-8%8&5%%2&5*"0*6+*7%-8*23&9>)&?%:1*-%0%+28&

!	!
6[M!EEFD!R#'('9&!6'(*#.(8#*![!,#!! 6[M!EEFE!R#'('9&!6'(*#.(8#*![[!,#!! 6[M!EEDD!J-*#'/.)!6'(*#.(8#*![!,#!! 6[M!EEDE!J-*#'/.)!6'(*#.(8#*![[! HY!/#*:'(9L!	*!"#$%& '()%&)*%+",#,-).%(+/,-0)12,3"-)45)6,"$%+(78!e,8!/.)!/,8)(!(;,!,5!(&*9*!/,8#9*9!(,;.#:!(&'9!#*S8'#*-*)($!J::'(',).B!/,8#9*9!/,8)(!.9!*B*/('A*9!')!(&*!PZ1!-.a,#$!
6[M!EEEF![)(#,:8/(',)!(,!6'(*#.(8#*! 6[M!EEUF!Z#*.(!R,,09!,5!(&*!%*9(*#)!%,#B:! !	*!"#$%& '()%&)*%+",#,-).%(+/,-0)9"&,")4:)6,"$%+(78)e,8!/.)!/,8)(!,)*!,5!(&*9*!/,8#9*9!(,;.#:!(&'9!#*S8'#*-*)($!J::'(',).B!/,8#9*9!/,8)(!.9!*B*/('A*9!')!(&*!PZ1!-.a,#$!!!
P`Z!DEFD!P)7B'9&!3,-4,9'(',)![[! P`Z!DDUD!R89')*99!%#'(')7! !	*1+2$%"()%&);,%+%&')4<)6,"$%+(78!e,8!/.)!/,8)(!(&*9*!(,;.!/,8#9*9!(,;.#:!(&'9!#*S8'#*-*)($!!M&'9!/.(*7,#+! #*S8'#*9!.(!B*.9(!,)*!UFFdGFF!B*A*B!/,8#9*$!!! !
6[M!EEUG!6'(*#.(8#*!,5!J5#'/.2!J9'.!f!6.(')!J-*#'/.! 6[M!EEDg![-.7*9!,5!%,-*)!')!6'(*#.(8#*! 6[M!EEUY!J5#'/.)!J-*#'/.)!6'(*#.(8#*! 6.)78.7*!*B*/('A*9!!	=2>+%62>+2,#>)#&$)*%&'2%(+%6()?",(@"6+%3"()4<)6,"$%+(78! e,8!/.)!/,8)(!(&#**!,5!(&*9*!/,8#9*9!(,;.#:!(&'9! #*S8'#*-*)($!J::'(',).B!/,8#9*9!/,8)(!.9!*B*/('A*9!')!

1(8:*)(9!/,-4B*(')7!(&*!>MUY!(&#,87&!(&*'#!Z*)*#.B!P:8/.(',)!/#*:'(9!;'BB!&.A*!/,-4B*(*:!-,9(!#*S8'#*-*)(9!5,#!
='.-'!NB.)!N*#94*/('A*9!J#*.9!.):!1'7).(8#*![)S8'#'*9$!!

I%"-&K(&5*" 0*&6+*7%-8*23&

J"$$&)%O%82%-&

PZ1!	UQQdGQQ!	3&,,9*!.)!J:A.)/*:!PZ1!/,8#9*!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!9(8:*)(9!.#*!*)/,8#.7*:!(,!/,-4B*(*!/,8#9*;,#0! (,;.#:!.!-'/#,/#*:*)('.B2!-'),#!,#!.!9*/,):!-.a,#!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!9(8:*)(9!.#*!*)/,8#.7*:!(,!/,-4B*(*!/,8#9*;,#0! (,;.#:!.!-'/#,/#*:*)('.B2!-'),#!,#!.!9*/,):!-.a,#!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!9(8:*)(9!.#*!*)/,8#.7*:!(,!/,-4B*(*!/,8#9*;,#0! (,;.#:!.!-'/#,/#*:*)('.B2!-'),#!,#!.!9*/,):!-.a,#!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!9(8:*)(9!.#*!*)/,8#.7*:!(,!/,-4B*(*!/,8#9*;,#0! (,;.#:!.!-'/#,/#*:*)('.B2!-'),#!,#!.!9*/,):!-.a,#!	UiG!

!

)D-*+4&)%O%82%-&

!	!	!	!
PZ1!	G\b!	3.49(,)*!')!P)7B'9&!1(8:'*9!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!9(8:*)(9!.#*!*)/,8#.7*:!(,!/,-4B*(*!/,8#9*;,#0! (,;.#:!.!-'/#,/#*:*)('.B2!-'),#!,#!.!9*/,):!-.a,#!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!9(8:*)(9!.#*!*)/,8#.7*:!(,!/,-4B*(*!/,8#9*;,#0! (,;.#:!.!-'/#,/#*:*)('.B2!-'),#!,#!.!9*/,):!-.a,#!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!9(8:*)(9!.#*!*)/,8#.7*:!(,!/,-4B*(*!/,8#9*;,#0! (,;.#:!.!-'/#,/#*:*)('.B2!-'),#!,#!.!9*/,):!-.a,#!	U!
!	!	3&,,9*!.!5#**!*B*/('A*!h!!	