

.0!�\$*)0.@/#!+*&!7#3#/*\$.)R!%)7!7.0'&.@5'.)R!%!'#)'%'.3#!%R#)7%!\$&.*&!'*!%//! (##'.)R0? 6%E5/'1! (# (@#&0! (%1!%77!'*!'-#!+.)%/!%R#)7%!5\$*)!&#Y5#0'?! "#\$%&' (#)'%/! (##'.)R0! Z.//!@#!E*)75E'#7!@1!&#R5/%&!+%E5/'1! (# (@#&0!*)!%!&*'%'.)R!@%0.0?!I+!E.&E5 (0'%)E#0! 7.E'%'#<!'-#!800*E.%'#!M-%.&! (%1!E*)75E'! (##'.)R0!*&!\$*&'.*)0!*+! (##'.)R0?!

:? K-#!+%E5/'1! (#(@#&!E*)75E'.)R!%!R.3#)!7#\$%&'(#)'%/! (##'.)R!Z.//!@#!%00.0'#7!.)!'-.0 \$&*E#00<!%0!)##7#7<!@1!%!+%E5/'1! (#(@#&!7#0.R)%'#7!"#\$%&'(#)'%/!,%&/.%(#)'%&.%)?!!K-#]*@! *+! '-#! ,%&/.%(#)'%&.%)! .0! '*! %73.0#! 7#\$%&'(#)'! +%E5/'1! &#R%&7.)R! \$#&'.)#)'! \$%&/.%(#)'%&1!\$&*E#75&#!%)7!@1/%Z0?!

!

1"# - .+2)%0#34#5 '62,)7# - %%).+/0#

!

H.)5'#0!*+!%//!7#\$%&' (#) '%/!+%E5/'1! (##'.)R0<!Z-#'-#&!&#R5/%&!*&!0\$#E.%/<!0-%//!@#!&#E*&7#7?!
H.)5'#0! %&#! 7.0'&.@5'#7! '*! +%E5/'1! (# (@#&0<!.)! %73%)E#! *+! '-#!)#V'! (##'.)R?!! 6%E5/'1!
(# (@#&0! (%1!&#Y5#0'!'*!&#E* ((#)7!E-%)R#0!'*!'-#! (.)5'#0!%'!'-#!)#V'!0E-#75/#7! (##'.)R?!
I)! E%0#0! Z-#&#! '-#&#! .0! 7.0\$5'#! &#R%&7.)R! E-%)R#0! '*! '-#! (.)5'#0<! \$&*\$*0#7! E-%)R#0!
%\$\$&*3#7!@1!:_S!+%E5/'1!\$�#)'!Z.//!@#!.)E*&\$*&%'#7!.)'*!'-#!+.)%/! (.)5'#0?!M*\$.#0!*+!'-#!
%\$\$&*3#7!(.)5'#0<!%)7!%)1! (%'#&.%/0!\$#&'.)#)'!'*!'-#! (##'.)R!7.0E500#7!.)!'-#! (.)5'#0<!Z.//!@#!&#'%.)#7!%)7!+./#7!.)!\$#&\$#'5.'1?!!

!

8"# 93).+/#:(36%;2(%0#

! !!

A?!!L/.R.@./.'1!+*&!T*'.)R!

!

%? D)/1!+5//

%'!@&%)E-!E% (\$50#0!Z#!Z.//! (*7.+1!*5&!R*3#&)%)E#!%)7!Kc,!7*E5 (#)'0!'*!#)05&#!'-%'
'-*0#!+%E5/'1!%&#!.)E/57#7!.)! (%''#&0!*+!+%E5/'1!R*3#&)%)E#!%)7!K#)5&#!c!,&*(*'.*)!'*
#)05&#!'-#1!-%3#!3*.E#!.)!7#\$%&'(#)'%/!.005#0?!d#!&#E*R).e#!'-#!\$&.)E.\$/#0!*+!#Y5.'1!*+
%00.R) (#)'<!�*5&E#0!%)7!*\$\$*&'5).'.#0!*+!+%E5/'1!%E&*00!%!(5/'.`E% (\$50!5).3#&0.'1?!

```
!
!! :?!!f5*&5(!
```

```
! S?!!, &*E#75&#! !
```

T*'#0!*)!%)1!(%''#&!(%1!@#!E*)75E'#7!@1!3*.E#<!@1!%!0-*Z!*+!-%)70<!*&!@1!0#E&#'!@%//*'?!
H*0'!3*'#0!Z.//!@#!@1!3*.E#<!#VE#\$'!+*&!\$#&0*))#/<!-.&.)R<!%)7!#/#E'.*)!7#E.0.*)0<!Z-#&#
0#E&#'!@%//*'0!%&#!&#Y5.?!!6*&!%)1!*'-#&!3*'#<!+%E5/'1!(#(@#&0!(%1!&#Y5#0'!%)!%/'#&)%'.3#!
3*'.)R!\$&*E#75&#<!05@]#E'!'*!%\$\$&*3%/!@1!:_S!*+!'-#!+%E5/'1?!T*'.)R!*)!%)1!(%''#&!(50'!@#
7*)#!%'!%!E%//#7!&#R5/%&!*&!0\$#E.%/!+%E5/'1!(##'.)R?!!,&*V1!3*'#0!%&#!%EE#\$'%@/#<!.+!Z&.''#)!
%)7!0.R)#7!a#/#E'&*).E!0.R)%'5�!%&#!%EE#\$'%@/#b?!!?!!!

!!!"#, */)0(\$*'(#),\$!'!%(0)(&0%#

```
!
! "###$%&'()*%+)#8<'.(#
```

! K-#! "#\$%&' (#)'!M-%.&!.0!%\$\$*.)'#7!@1!'-#! "#%)!*+!'-#!M*//#R#!*+!8&'0!%)7!4E.#)E#0!5\$*) &#E* ((#)7%'.*)!*+!'-#!"#\$%&'(#)'!+%E5/'1<!'-#!0#).*&!&%)[.)R!0'%++!(#(@#&<!%)7!E*)0#)' *+!'-#!%\$\$*.)'##?! !:?!M - %&R#g!K-#! "#\$%&'(#)'! M-%.&<! Z.'-! '-#! %00.0'%)E#! *+! *'-#&! 7#\$%&'(#)'! %7(.).0'&%'*&0! %)7 E*((.''##0<!7.&#E'0!'-#!%7(.).0'&%'.*)!*+!'-#!7#\$%&'(#)'<!7#3.0#0!\$*/.E1<!05\$#&3.0#0!%//

\$#&0*))#/?!K-#!M-%.&!%/0*!05\$#&3.0#0!%73.0.)R<!0E-#75/.)R<!@57R#'0<!%)7!&#\$*&'0!'*!'-#!''#%) *+!'-#!M*//#R#!*+!8&'0!%)7!4E.#)E#0!*)!%//!.005#0!&#/#3%)'!'*!'-#!7#\$%&'(#)'?!!!

|K-#!M-%.&!.0!E-%&R#7!Z.'-!.(\$/#(#)'.)R!2).3#&0.'1!%)7!M*//#R#!\$*/.E.#0!%)7!\$&*E#75�| %)7!7#3#/*\$.)R!.)'#&)%/!\$*/.E.#0!%)7!\$&*E#75�!E*)0.0'#)'!Z.'-!'-#(?!!K-#!M-%.&!0#&3#0!%0

```
!
8"##$.(%6)3(#34#)<%#=(';2')%#:(3/('*#

!
A?!!8$$*.)'(#)'g!!
!
```

!	
!	
	@?!!O#0\$*)0.@./.'.#0g!
!	
	A?!!O#3.#Z!E&.'#&.%!%)7!%\$\$/.E%'.*)0!+*&!%7(.00.*)!'*!'-#!H%0'#&^0!%)7!
	"*E'*&%/! ,&*R&% (0! %)7! (%[#! 7#E.0.*)0! &#R%&7.)R! %7 (.00.*)0! Z-#)!</td></tr><tr><td></td><td>%\$\$/.E%)'0!7*!)*'!(##'!'-#!0'%)7%&7!E&.'#&.%?!!</td></tr><tr><td>!</td><td></td></tr><tr><td></td><td>: ?!!O#3.#Z!R&%75%'#!E5&&.E5/5 (!%)7!&#E* ((#)7!.0.*)0!'*!'-#!+%E5/'1?!!!</td></tr><tr><td>!</td><td></td></tr><tr><td></td><td>S?!!O#E#.3#<!.#Z<!%)7!\$�#)'!'*!'-#!+%E5/'1!%//!R&%75%'#!E*5&0#!\$&*\$*0%/0!</td></tr><tr><td></td><td>%)7!E-%)R#0?!!!</td></tr><tr><td>!</td><td></td></tr><tr><td></td><td>B?!! O#3.#Z! %\$\$/.E%'.*)0! +*&! %)7! &#E*((#)7! %\$\$*.)'(#)'0! *+! R&%75%'#</td></tr><tr><td></td><td>%00.0'%)'0\$0<! %)7! (%[#! &#E*((#)7%'.*)0! +*&! 5).3#&0.'1! %)7! E*//#R#</td></tr><tr><td></td><td>+#//*Z0\$0<!0E-*/%&0\$0<!%)7!%Z%&70!</td></tr><tr><td>?!!!</td><td><u> </u></td></tr><tr><td></td><td>C?! ! O#3.#Z<! Z-#)! &#Y5#0'#7<! '-#! %00.R) (#)'0! *+! R&%75%'#! %00.0'%)'0! .)</td></tr></tbody></table>

	%?!4#/#E'.*)g!
	K-#! 2)7#&R&%75%'#!M*((.''##!.0!E*(\$&.0#7!*+!%'!/#%0'!'-&##!"#\$%&'(#)'!+%E5/'1</td></tr><tr><td></td><td>(#(@#&0?!!K-#!"24!Z.//!@#!E-%.&!*+!'-#!2)7#&R&%75%'#!M*((.''##?!K-#!*'-#&</td></tr><tr><td></td><td>+%E5/'1!(#(@#&0!*+!'-#!E*((.''##!0-%//!@#!%\$\$*.)'#7!@1!'-#!M-%.&!5\$*)!#)7*&0#(#)'!</td></tr><tr><td></td><td>*+!'-#!"#\$%&'(#)'!+%E5/'1<!%)7!E*)0#)'!*+!'-#!%\$\$*.)'##?!</td></tr><tr><td></td><td></td></tr><tr><td></td><td>@?!!O#0\$*)0.@./.'.#0g!</td></tr><tr><td></td><td></td></tr><tr><td></td><td>A?!!!O#3.#Z!&#Y5.&# (#) '0!+*&!'-#!5)7#&R&%75%'#! (%]*&?!!</td></tr><tr><td></td><td></td></tr><tr><td>i!</td><td>: ?!!O#3.#Z!5)7#&R&%75%'#!E5&&.E5/5(!%)7!&#E*((#)7!.0.*)0!'*!'-#!+%E5/'1?!!!</td></tr><tr><td></td><td></td></tr><tr><td></td><td>i!</td></tr></tbody></table>

'#& (0?!!I)!'-#!#3#) '!%) 1! (# (@#&!*+!'-#!LV#E5'.3#!M* ((.''##!.0!+%E#7!Z.'-!%! \$*'#)'.%/!E*)+/.E'!*+!.) '#�'!.) !E%&&1.) R!*5'!%!\$%&'.E5/%&!E-%&R#!+*&!'-#!LV#E5'.3#! M* ((.''##<!'-#! "#\$%&' (#) '!

!

!
C!Z.//!@#!R.3#)!+*&!#7.'.)R!%!0E-*/%&/1!]*5&)%/<!E-%.&.)R!%!\$&*R&%(!E*((.''##!+*&!%!&#R.*)%/!*&!
)%'.*)%/!E*)+#&#)E#<!E-%.&.)R!%!0E-**/<!7#\$%&'(#)'<!*&!5).3#&0.'1!E*((.''##!*&!E*5)E.\\!*&!+*&!'Z*!
(%]*&<!'.(#`E*)05(.)R!%E'.3.'.#0!#%E-!*+!Z-.E-!R*#0!@#1*)7!&*5'.)#!(#(@#&0-.\$!.)!%!7#\$%&'(#)'!
E*((.''##?!K-#0#!(%1!.)E/57#!0#&3.)R!%0!800*E.%'#!L7.'*&!+*&!%!0E-*/%&/1!]*5&)%/<!E-%.&.)R!%!
7#\$%&'(#)'!E*((.''##<!*&!(#(@#&0-.\$!.)!%!0E-**/<!E*//#R#<!*&!5).3#&0.'1!E*((.''##!*&!E*5)E./?!

```
!
!
```

Q?!!K-#!M-%.&!Z.//!@#!�\$*)0.@/#!+*&!*@'%.).)R!%//!'-#!7*E5 (#)'0!)#E#00%&1!'*!%00#00!'-#!

```
!
. ( (#7.%'#!$%0'!05 ( (#&!Z*5/7!&#E#.3#!=!$*.)'0?!800.R) (#)'!+*&!%!E* (.)R!05 ( (#&|Z*5/7!+.&0'!@#!*++#&#7!'*!'-*0#!Z.'-!C!$*.)'0<!)#V'!'*!'-*0#!Z.'-!B!%)7!0*!*)?!!J#Z!-.&#0
'*!'#)5&#`'&%E[<!+5//`'. (#!$*0.'.*)0!Z.//!@#!%00.R)#7!S!$*.)'0!.)!'-#.&!.).'.%/!1#%&?!
!
```

```
E*)0.0'#)'!$%''#&)!*+!$*0.'.3#!#3%/5%'.*)!.)!'#%E-.)R!%)7!-%3#!%E-.#3#7!%!/#3#/!*+!$#&+*& (%)E#!'-%'!
.0!0'&*)R!*&!*5'0'%)7.)R?!!
!

O#0#%&E-?!K-#!R&%)'.)R!*+!'#)5&#!.0!%!]57R (#)'!@%0#7!*)!$%0'!$#&+*& (%)E#!%)7!$*'#)'.%/!+*&!+5'5&#!
E*)'&.@5'.*)0!'*!&#0#%&E-!%)7_*&!E&#%'.3#!%E'.3.'1?!6*&!%!&#E* ((#)7%'.*)!*+!'#)5&#!.)!'-#!M*//#R#<!
E%)7.7%'#0! (50'!7*E5 (#)'!'-%'!'-#1!-%3#! (%7#!%!05@0'%)'.%/!E*)'&.@5'.*)!'*!&#0#%&E-!%)7_*&!
E&#%'.3#!%E'.3.'1!.)!'-#.&!7.0E.$/.)#!%)7!-%3#!#0'%@/.0-#7!%!&#E*&7!*+!%E-.#3# (#)'!'-%'!.0!0'&*)R!*&!
*5'0'%)7.)R?!!
!
4#&3.E#?!K*!Y5%/.+1!+*&!'#)5&#<!E%)7.7%'#0! (50'!7.0$/%1!#3.7#)E#!*+!0* (#!%$$&*$&.%'#!0#&3.E#!'*!
'-#!2).3#&0.'1!%)7_*&!'-#!$&*+#00.*)!%)7_*&!'-#!E.3.E!E* ((5).'1?!M* ((5).'1!0#&3.E#! (50'!&#/%'#!
'**!'-#!@%0.E! (.00.*)!*+!'-#!2).3#&0.'1!%)7!'*!'-#!+8.39062-212T3906593.48.390!@%.'1!%)7!**!0.2 ()7&6593.769
```

! '-#!M-%.&!0##[!'-#!E*5)0#/!*+!'-#!7#\$%&'(#)'!'#)5&#!%)7!\$&*(*'.*)!E*((.''##?!D&7.)%&./1<!'-.0!

```
%E'.*)?!!
8+'#&!#%E-! (# (@#&!*+!'-#!M*//#R#\0!K#)5&#!%)7!,&* (*'.*)!M* ( (.''##!-%0!&#3.#Z#7!'-#!
E%)7.7%'#\0!E&#7#)'.%/0<!'-#!M*((.''##!Z.//!(##'!'*!$&#$%&#!.'0!&#E*((#)7%'.*)0!'*!'-#!"#%)?!K-#!
M* ( ( .''##\0!7#/.@#&%'.*) 0!Z.//!+*E50!#VE/50.3#/1!*)!-*Z!Z#//!%!E%) 7.7%'#! ( ##'0!E*//#R#<!
5).3#&0.'1!%)7!7#$%&'(#)'!E&.'#&.%!+*&!K#)5&#!%)7!,&*(*'.*)?!K-#!M*((.''##!(50'!)*'!%$$/1!
0'%)7%&70!'-%'!%&#!/*Z#&!'-%)!'-*0#!0$#E.+.#7!.)!'-#!7#$%&'(#)'h0!E&.'#&.%?!!
I+!%!M*//#R#!K#)5&#!%)7!,&* (*'.*)!M* ( (.''##! (# (@#&!.0!+&* (!'-#!0% (#!7#$%&' (#)'!%0!%!
E%)7.7%'#!+*&!'#)5&#!%)7 *&!$&* (*'.*)<!*&!.+!%! (#(@#&!-%0!0$#E.%/!$#&0*)%/!%)7 *&!$&*+#00.*)%/!
%00*E.%'.*)0!Z.'-!%!E%)7.7%'#<!'-%'!E*((.''##!(#(@#&!Z.//!/#%3#!'-#!&**(!75&.)R!%//!7#/.@#&%'.*)0!
E*)E#&).)R!'-%'!E%)7.7%'#!%)7!Z.//!%@0'%.)!+&*(!(%[.)R!%!&#E*((#)7%'.*)!E*)E#&).)R!'-%'!
E%)7.7%'#?!!
K#) 5\&#!\%) 7!, \&* (*'.*) !M* ( (.''##! (# (@#&0!0-\%//!E*)+.)#!'-# (0#/3#0!'*! (%[.)R!7#E.0.*)0!0*/#/1!
5$*)!'-#!.)+*&(%'.*)!$&*3.7#7!.)!#%E-!E%)7.7%'#\0!*++.E.%/!'#)5&#!%)7!$&*(*'.*)!+./#?!J*!
E* ( (.''##! (# (@#&!0-%//!0*/.E.'!*&!E*)0.7#&!%)1!%77.'.*)%/!.)+*& (%'.*)!E*)3#1#7!$&.3%'#/1<!
'-&*5R-!$#&0*)%/!E*)'%E'<!@1!$-*)#<!/#\\|*\#\\|1!*'-#&! (#%)0?!K-#!#)'.&#!E* ((.''##!(%1!3*'#!@1!
%!'Z*`'-.&70!(%]*&.'1!'*!%5'-*&.e#!'-#!K#)5&#!%)7!,&*(*'.*)!M*((.''##!M-%.&!'*!0*/.E.'!%77.'.*)%/!
.)+*&(%'.*)!.+!)#E#00%&1?!8//!&#Y5#0'0!+*&!%77.'.*)%/!.)+*&(%'.*)!(50'!@#!.)!Z&.'.)R!@1!'-#!K#)5&#!
%)7!,&*(*'.*)!M*((.''##!M-%.&<!Z-*!Z.//!$&*3.7#!'-#!E%)7.7%'#!%)7!'-#!M-%.&!*+!'-#!E%)7.7%'#\0!
7#$%&'(#)'!Z.'-!E*$.#0!*+!'-#!&#Y5#0'?!!
T*'.)R!*)!%!E%)7.7%'#!@1!'-#!M*//#R#!K#)5&#!%)7!,&*(*'.*)!M*((.''##!Z.//!@#!@1!0#E&#'!@%//*'?!
K-#0#!@%//*'0!0-%//!@#!$&#0#&3#7!.)!'-#!D++.E#!*+!'-#!''#%)!+*&!%!&#%0*)%@/#!'.(#?!K-#!E*((.''##\0!
3*'#!%)7!E/#%&<!05@0'%)'.3#!05((%&1!*+!&#%0*)0!+*&!@*'-!$*0.'.3#!%)7!)#R%'.3#!3*'#0!(50'!@#!
.)E/57#7!.)!'-#!E%)7.7%'#\0!+./#?!8//! (# (@#\&0!*+!'-#!K#)5\&#!\%)7!,\&* (*'.*)!M* ( (.''##! (50'!0.R)!
'-#!&#E* ( ( #) 7%'.*)!+*& ( 0!+*&!#%E-!E%) 7.7%'#?!!
D)E\#!'-\#!K\#)5\&\#!\%)7!,\&*(*'.*)!M*((.''\#\#!-\%0!(\%7\#!.'0!7\#E.0.*)<!.'!Z.//!.7\#)'.+1!'-*0\#!E\%0\#0!.)!
Z-.E-!.'0!&#E* ( ( #) 7%'.*)!7.++#&0!+&* ( !'-%'!*+!%!E%)7.7%'#\0!'' #$%&' ( #) '!M-%.&!%)7_*&!'-#!
"#$%&' ( #) '!M* ( ( .''##<!%) 7!' - #!K#) 5&#!%) 7!, &* ( *'.*) !M* ( ( .''##!M - %.&!Z.//!.) +*& ( !' - #!
E%)7.7%'#!%)7!'-#!M-%.&!*+!'-#!E%)7.7%'#\0!7#$%&' (#)'<!.)!Z&.'.)R?!K-#!E%)7.7%'#\0!"#$%&' (#)'!
M-%.&<!'-#!E%)7.7%'#!*&<!%'!'-#!E%)7.7%'#\0!7.0E&#'.*)<!%!+%E5/'1!%73*E%'#!E-*0#)!@1!'-#!E%)7.7%'#\
```