

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

34 5 6

71..686

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

27,0"G(?*(2/B'#	. "///01(20/1(3()45'%-)5'"#5"1	!*871*	871'5	<%1'--%	2+
K1-'"(8*(+'#:	=%/70%-(M"14705"1	!*)*K#I*)*	K#I'04#&"#/%-()5'"#5"	<%1'--%	2+
25R7%#%#(8*(+"--"G	. "///01(20/1(3()45'%-)5'"#5"1	!*)*	Q1G594-4:G(3(;4&&7#'5%/'4#	;0411I'--"	2.
2##%#(+*(;7-9%#"	=%/70%-(M"14705"1	!*)*<'-, -*M"1*	>'19(3(<'-, -'C"()5'"#5"1	847#/%'#!0B	2.
!"#\$%&'#P*(?411"//	)5'"#5"	!*)*!'459"&*	!'4-4:'5%-()5'"#5"1		

!"#\$%&'!()!*+,&(-!.%!/!0!1/2+\$!"/,+/-

8'-%##%(*("1M41'"0)5'"#5"1 !*2*

8%0/'#(p#1/'/7/'(p#/-(
)/7,'"1

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

2'0'%##%(.*(H%0:%%#	. '//'01(20/1(3()45'%-)5'"#5"1 !*)*	6470#%- '1&(3(8%11(8 ", '%	;4#540,	;2
U7'##(8*(2#, "014#	20/(3(2059'/'5/70" !*)*2059*	20/(%#,(2059'/'5/70" ;7-/70"D()45'"/G(3(. '//'01(20/1(3()45'%-)5'"#5"1 !*)*	;404#%	;2
)%A0'##%(*(!%5%	20/(3(2059'/'5/70" !*)*2059*	671/'5" >40"1/D(M%#: "-%#,(3(8'-'1(J*(J%/59 =%/70%-(M"14705"1 !*)*>'0"*K54-*8 :& /*	;404#%	;2
+%/ "-G#P*(! "##"0	K, 75%/ '4#D(J"%-/9(3(J7&%#()5' !*)*K*)*J*)*	>'0'')5' 84I "& "#/()5'"#5"1	;41/%(8 "1%	;2
)9%G-""(H*(Q"00G	2:0'57-/70%-(3(. 'C"()5'"#5"1 !*)*2:*K,*	2:0'57-/70%-(K,D(. ,019T(3(;4&&	;4//4#@44,	;2
6%G;""(+*(E-%,'5	K, 75%/ '4#D(J"%-/9(3(J7&%#()5' !*)*K*)*J*)*	. ,019T(3(;4&& 84I "& "#/()5'"#5"1	;4//4#@44,	;2
6"11'5%(H*(E%-""#/'#"	!*)*K*)*J*)* =%/70%-(M"14705"1 !*)*<'-'-*M"1*	84I "& "#/()5'"#5"1 >'19(3(<'-'-'C"(	H%#%(Q4'#/	;2
; %11', G(=*64#"1	!71'#"11(3(K54#4&'51 !*)*!71*	)5'"#5"1 !71'#"11	H%#%(Q4'#/	;2
8'5%9((;%1%-"	!*)*)5'"#5"1	!4-4:'5%-()5'"#5"1 !71'#"11	K-(H40%,4(J'--1	;2
K-'(8*(.%//':	2:0'57-/70%-(3(. 'C"()5'"#5"1 !*)*2*E*)*	2#' &%-D(E"/(3(>44,()5'"#5"1	K-I"0/%	;2
M4@%#(8*(J'#B-"	=%/70%-(M"14705"1 !*)*<'-'-*M"1*	>'19(3(<'-'-'C"()5'"#5"1	K15%-4#	;2
			K154#,' ,4	;2

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

;4-'#(8*(J%7:1"/9	K#:'#"0'#:	!)*8*K*	8"59%#5%-(			
	."//"01(20/1(3)45'%-		K#:'#"0'#:	)%50%&"#/4	;2	
>-'5B(2*(+ "&T	)5'"5"1	!)*	J'1/40G	Q4-'/'51(3(		
	."//"01(20/1(3)45'%-		;7-/70"0)45'"/G(3(	)%50%&"#/4	;2	
S%59%0G(2*(!G0#"	)5'"5"1	!)*	671/'5"	)%50%&"#/4	;2	
	K,75%/'4#0(J""%-/9(3(		;700'57-7&(3(			
2'-1%(K*(!4-/	J7&%#)5'	!)*K,*	P#1/075/'4#	)%(H'":4	;2	
	!71'#"11(3(					
2-"0%#,"0(6*(8440"	K54#4&'51	!)*!71*	!71'#"11	)%(H'":4	;2	
	!71'#"11(3(					
H""")94#(())@%CC40,	K54#4&'51	!)*!71*	!71'#"11	)%(H'":4	;2	
	."//"01(20/1(3)45'%-		Q1G594-4:G(3(			
J%'- "G(2*(E%'#4	)5'"5"1	!)*	;4&&7#5%/'4#	)%(H'":4	;2	
			;9"&'5%-(3(			
."," ,#(!*(J7A"0	K#:'#"0'#:	!)*;9*K*	!'4-4:'5%-(K#:0	)%(H'":4	;2	
	K,75%/'4#0(J""%-/9(3(					
8%G%(M*(J%&'-/4#	J7&%#)5'	!)*K*)*J*)*	84I"&"#/()5'"5"1	)%(H'":4	;2	
)%0%9(8*(L94&/4#	)5'"5"	!)*	!'4-4:'5%-()5'"5"1	)%(H'":4	;2	
	."//"01(20/1(3)45'%-		Q1G594-4:G(3(			
L%G-40(+*(<%11"-	)5'"5"1	!)*	;4&&7#5%/'4#	)%(H'":4	;2	
			>40"1/0(M%#:"-%#,(3(			
2',%#()*(?0":40G	=%/70%-(M"14705"1	!)*>'0""K54-*8:&/*	>'0")5'	)%(H'&%1	;2	
	K,75%/'4#0(J""%-/9(3(					
K/9%#(())7#1"0'	J7&%#)5'	!)*K*)*J*)*	84I"&"#/()5'"5"1	)%(641"	;2	
	2:0'57-/70%-(3(. 'C"(		>%&' -G(%#,(			
8G%9((8"0'#4	)5'"5"1	!)*>*,*)*	;4#17&"0)5'"5"1	)%(8%0541	;2	
			>40"1/0(M%#:"-%#,(3(			
2',%#(8*(+ "--G	=%/70%-(M"14705"1	!)*>'0""K54-*8:&/*	>'0")5'	)"A%1/4T4-	;2	
	!)*M%#:"-%#,*;4#1		>40"1/0(M%#:"-%#,(3(			
HG-%#(M*(M"G#4-,1	=%/70%-(M"14705"1	I*	>'0")5'	)"A%1/4T4-	;2	
	2:0'57-/70%-(3(. 'C"(		>%&' -G(%#,(			
K&' -G(K*(J"#:"94-,	)5'"5"1	!)*>*,*)*	;4#17&"0)5'"5"1	)4#4&%	;2	

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

S4'"((J%0I"G	=%/70%-(M"14705"1	!*)*K#I*)*	K#I'04#&"#/%-()5'"#5"	<'#,140	;F
;-%0%(?*(2AT-%#%-T	=%/70%-(M"14705"1	!*)*K#I*)*	K#I'04#&"#/%-()5'"#5"	?04/4#	;L
8%0"#(2*(8%5B"G	K#:'#"0'#::				

!"#\$%&'!()!*+,&(-!.%-/!0!1/2+\$!"/,+ -

MG%#(!*(8%0/'#	=%/70%-(M"14705"1	!*)*K54-*;4#1*!'4-*	>'19(3(<'-'-'C"()5'"#5"1	J"11/4#	+)
)'"00%((Q"1#"--	."//"01(20/1(3()45'%-()5'"#5"1	!*)*	6470#%-1&(3(8%11(8",'%	=%/59'/459"1	.2
?%:"(M*()/9-	=%/70%-(M"14705"1	!*)*<'-'-'M"1*	>'19(3(<'-'-'C"()5'"#5"1	K-B0',: "	8H
J4-,"#)*(M%GA70#	=%/70%-(M"14705"1	!*)*>'0"*K54-*8: &/*	>40"1/0(M%#: "-%#, (3(>'0"())5'	M45BC40,	8P
L"11(8*(M'59%0,14#	2:0'57-/70%-(3(. 'C"()5'"#5"1	!*)*	>%&'-'G%#, (;4#17&"0())5'"#5"1	2#,4I"0	8=
641'""(<'--'%&1	20/(3(2059'/"5/70"	!*P2*H*	20/(%#, (2059'/"5/70"	Q-G&47/9	8=
2&"-'%(H*(M'": "0	2:0'57-/70%-(3(. 'C"()5'"#5"1	!*)*)*<*)*	)4'-(3(<%/"0()G1/"&1	)/(.47'1(Q%0B	8=
+%/90G#(8*(L9""11"#	)5'"#5"	!*)*	8%/9"&%/'51(3(		

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

641'""(!%:."//	20/(3(2059'/'5/70"	!*)*	20/(%#,(2059'/'5/70"	J%&'-/4#	8L
K--'";*(8%-54&14#	20/(3(2059'/'5/70"	!p*2*H*	20/(%#,(2059'/'5/70"	J"-."#%	8L
K&' -G(2*(	. "///01(20/1(3()45'%- (		Q1G594-4:G(3(		
L9045B&40/4#	)5'""#5"1	!*)*	;4&&7#5%/4#	J"-."#%	8L
	2:0'57-/70%- (3(. 'C"(		2:0'57-/70%- (K, D(		
!%' -"G(;*(. %B"	)5'""#5"1	!*)*2:*.*)*	. ,019T(3(;4&&	+%- '1T"--	8L
	. "///01(20/1(3()45'%- (		6470#%- '1&(3(8%11(		
M"" , "(2*(! %0B71	)5'""#5"1	!*)*	8" , '%	+%- '1T"--	8L
			8%/9"&%/51(3(		
M' -"G(6*(+47#1	)5'""#5"	!*)*	)/%/1/'5%- ()5'	+%- '1T"--	8L
	. "///01(20/1(3()45'%- (				
; %014#(L*(M4A'14#	)5'""#5"1	!*871*	871'5	+ '- %	8L
6%& "1(8*(L%70&%#X	2:0'57-/70%- (3(. 'C"(		2:0'57-/70%- (K, D(		
2-, 0'59	)5'""#5"1	!*)*2:*.*)*	. ,019T(3(;4&&	. "@'1/4@#	8L
		!*)*M%#: "-%# , * ;4#1	>40"1/D(M%#: "-%# , (3(		
)%&7"- (6*(>7-A0':9/	=%/70%- (M"14705"1	I*	>'0")5'	. "@'1/4@#	8L
	. "///01(20/1(3()45'%- (				
K&&% (=*(! -4# , %	)5'""#5"1	!*>*2*	L9""%0"(20/1	8'1147-%	8L
+-%0%(6*(P1A"--	=%/70%- (M"14705"1	!*)*K54-*;4#1*!'4.*			

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

219((E%-"	=%/70%-(M"14705"1	!*)*M%#:"-%#,*;4#1	>40"1/0(M%#:"-%#,(3(		
		I*	>'0"()5'	;044B1l'--"	FJ
64(+*(M4,N'#B%	)5'"#5"	!*)*	8%/9"&%/'51(3(		
	."//"01(20/1(3()45'%-		)/%/'1/'5%-()5'	+"//"0'#:	FJ
6"##GC"0(!*())@%CC40,	)5'"#5"1	!*)*	Q1G594-4:G(3(		
			;4&&7#'5%/'4#		

!"#\$%&'!()!*+,&(-!%-/!0!1/2+\$!"/,+ -

MG%#(2*(M4A-"1	=%/70%-(M"14705"1	!*)*<'-'-*M"1*	>'19(3(<'-'-'C"()5'"#5"1	!70#1	FM
6"11"((<'-'14#	."//"01(20/1(3()45'%-()5'"#5"1	!*)*	Q1G594-4:G(3(;4&&7#5%/'4#	671/'5"	FM
6"##'C"0(8*(F//	!71#"11(3(K54#4&'51	!*)*!71*	25547#/'#:(3(8:&/(P#C4()G1/"&1	;-%5B%&%1	FM
L'&4/9G(8*()/"I"1	K#:'#"0'#:	!*)*8*K*	8"59%#5%-(K#:'#"0'#:;	4I"	FM
;4-"(8*)4#,%G	."//"01(20/1(3()45'%-()5'"#5"1	!*)*	Q1G594-4:G(3(;4&&7#5%/'4#	H%--%1	FM
?0%5"(';*;4--'#1	)5'"#5" 2:0'57-/70%-(3('C"()5'"#5"1	!*)*	!4-4:'5%-(5'"#5"1 2:0'57-/70%-(K,D(. ,019T(3(;4&& ;9"&'5%-(3(!4-4:'5%-(K#:0	K#/"0T0'1"	FM
6%54A(J*>%-B	!*)*2:*K,*		2# '&%-D(E"/(3(>44,()5'"#5"1	K7:"#"?	FM
+%/"(2*(!471"	K#:'#"0'#:2:0'57-/70%-(3('C"()5'"#5"1	!*)*;9*K*	2:0'57-/70%-(K,D(. ,019T(3(;4&&)4'-(3(<%/"0()G1/"&1	K#/"0T0'1"	FM
H'%#%(M*(."@'1	!*)*2*E*)*		2:0'57-/70%-(K,D(. ,019T(3(;4&&)4'-(3(<%/"0()G1/"&1	?%1/4#	FM
!"/9%#G((="@/14#	!*)*2:*K,*		2:0'57-/70%-(K,D(. ,019T(3(;4&&)4'-(3(<%/"0()G1/"&1	J"- '0	FM
?%I'#(6*(="@/14#	!*)*)*<*)*		2:0'57-/70%-(K,D(. ,019T(3(;4&&)4'-(3(<%/"0()G1/"&1	J"- '0	FM
!"/9%#G(6*(59%"C"0	K,75%/'4#D(36(10BT.				

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

6%14#()&'&"#14#

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

J%##%9(?*(?-%1"0	2:0'57-/70%-(3(. 'C"()5'"#5"1	!*)*2:*.*)*	2:0'57-/70%-(K, D(. , 019T(3(;4&& ;'I'-(3(K#I'04#&"#/%-(K#:0	L%#: "#/ L9"(H%- "1	FM
= '5B(6*(; %0%55'4-4	K#: '#""0'#: K, 75%/ '4#D(J""%-/9(3(J7&%#()5'	!*)*;*K* !*)*K*)*J*)* !*)*	84I "&"#/()5'"#5"1 Q1G594-4:G(3(;4&&7#'5%/ '4#	L9"(H%- "1 L': %0,	FM
FT9%/9(K*)'-%T9%/9	J7&%#()5'	!*)*K*)*J*)*	84I "&"#/()5'"#5"1 Q1G594-4:G(3(;4&&7#'5%/ '4#	L9"(H%- "1 L': %0,	FM
.%70"##(;*(Q%I "#	)5'"#5"1	!*)*	84I "&"#/()5'"#5"1	L': %0,	FM
8%0'11%(.*)9"TT%0,	J7&%#()5'	!*)*K*)*J*)*	84I "&"#/()5'"#5"1	L': %0,	FM
Q"0-%((?7/'"00"N	20/(3(2059'/'5/70"	!*P2*H*	20/(%#,(2059'/'5/70"	L'--%&44B	FM
8":%#(H*(<44,@%0,	)5'"#5"	!*)*	!'4-4:'5%-()5'"#5"1 >40"1/D(M%#:"-%#,(3(>'0")5' >40"1/D(M%#:"-%#,(3(>'0")5'	L7%- %/'# E%- "	FM
;4,G)*(;4--'#1	=%/70%-(M"14705"1	!*)*>'0""K54-*8:& /*		E%- "	FM
M'-"G(!*(+ "1"G	=%/70%-(M"14705"1	!*)*>40"1/0G		E%- "	FM
+%1"G(6*(H7#5%#	!71'#"11(3(K54#4&'51	!*)*!71*	!71'#"11 ;7-/70""D()45'"/G(3(;7-/70""D()45'"/G(3(671/'5" 671/'5"	<%-4@% <%0&()T0'#:1	FM
2#:"- (8*(<'--'%&1	)5'"#5"1	!*)*	;700'57-7&(3(P#1/075/'4# K#I'04#&"#/%-()5'"#5"	<%00"#	FM
84--G(6*(?0%G	J7&%#()5'	!*)*K,*		>-""/@44,	Q2
21%(M*(.%5B"G	=%/70%-(M"14705"1	!*)*K#I*)*	J'1/40G K#I'04#&"#/%-()5'"#5"	J%#4I "0	Q2
!0"#,%#(H*(!0%,19%@	. "///"01(20/1(3()45'%-()5'"#5"1	!*)* !*)*		6'&(L940T"	Q2
L'&4/9G(6*(.4C/71	=%/70%-(M"14705"1	!*)*K#I*)*	>'19(3(<'-'-'C"()5'"#5"1	Q4//11'--"	Q2
6%&"1(M*)/4#"	=%/70%-(M"14705"1	!*)*>'19*M"1*			

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,/+-

F@"#(2*(+##':9/

)5'"#5"

!*)*

? "4:0%T9G(3(

? "4-4:'5%-()5'"#5"

>0", "0'5B1A0:

E2

!71'#"11(3(

!71'#"11(3(

Z71"Q(8*())%'9

K54#4&'51

V#, "5-%0",

K54#4&'51

?%#' "1|'--"

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

21%-4#(L*(SA404@1B'	20/(3(2059'/'5/70" !*)*	20/(%#,(2059'/'5/70"	!"-C%'0	< 2
K,75%/'4#D(J""%-/9(3(		;700'57-7&(3(		
219"0(=*649#14#	J7&%#()5' !*)*K,*	P#1/075/'4#	!"--"17"	< 2
		>'19(3(<'-'-'C"(		
;4-'#(6*(!"0:"0	=%/70%-(M"14705"1 !*)*<'-'-'M"1*	)5'""#5"1	!"--"17"	< 2
K,75%/'4#D(J""%-/9(3(		;700'57-7&(3(		
;90'11G(K*(J4"C:"#	J7&%#()5' !*)*K,*	P#1/075/'4#	!"--'#:9%&	< 2
		;9"&'5%-(3(		
+%//-G#(6*(J%0I"G	K#:'#""'0'#: !*)*	!'4-4:'5%-(K#:0	!"--'#:9%&	< 2
	K,75%/'4#D(J""%-/9(3(			
20'""-(2*(.4C/'#	J7&%#()5' !*)*K*)*J*)*	84I"&"#/()5'""#5"1	!"#/4#(;'/G	< 2
	2:0'57-/70%-(3(. 'C"(			
)%0%9(K*(J%-"	)5'""#5"1 !*)*Q-*)5*	Q-%#/()5'""#5"1	!"#/4#(;'/G	< 2
;9%#,-"0(6*(;%-B'#1	K#:'#""'0'#: !*)*;*)*	;4&T7/'"0)5'""#5"	!4/9"--	< 2
;90'1/4T9"0(8*(				
85E'5B%0	K#:'#""'0'#: !*)*;*)*	;4&T7/'"0)5'""#5"	!4/9"--	< 2
		>'19(3(<'-'-'C"(		
6"11"(<*(8',:%0,"#	=%/70%-(M"14705"1 !*)*>'19*M"1*	)5'""#5"1	!4/9"--	< 2
		;9"&'5%-(3(		
?%I'#(H*(!%B"0	K#:'#""'0'#: !*)*;*9*K*	!'4-4:'5%-(K#:0	!4@	< 2
	K,75%/'4#D(J""%-/9(3(			
2-G11%(+*(Q"/"01	J7&%#()5' !*)*K*)*J*)*	84I"&"#/()5'""#5"1	!0"&"0/4#	< 2
	."//"01(20/1(3()45%-(	6470#%-1&(3(8%11(		
K&&%%(8*(S%,4	)5'""#5"1 !*)*	8",'%	!0"&"0/4#	< 2
		>40"1/0(M%#:'-%#,(3(		
= '594-%1(6*()N4A4,G	=%/70%-(M"14705"1 !*)*>40"1/0G	>'0")5'	!0"&"0/4#	< 2
		8"59%#5%-(		
!0%,(;(J"#B"	K#:'#""'0'#: !*)*8*K*	K#:'#""'0'#:	!75B-"G	< 2

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

8%0:4(2*)594"1-"0	)5'"#5"	!*)*	!'4-4:'5%-()5'"#5"1	;4-A"0/	< 2
=%/9%#(!*(. %E4'"	K#:'#"'"0'#:	!*)*	;9"&'5%-(3(		
H"0"B(H*(J%-	!71'#"11(3(	!*)*	!'4-4:'5%-(K#:0	;4-A"0/	< 2
K-'N%A"/9(?*(	K54#4&'51	!*)*!71*	!71'#"11	;4-C%0	< 2
J%0@44,	20/(3(2059'/"5/70"	!*>*2*	20/(%#,(2059'/"5/70"	;4-C%0	< 2
6"##%(.*(J%0@44,	20/(3(2059'/"5/70"	!*>*2*	20/(%#,(2059'/"5/70"	;4-C%0	< 2
+G-"(6*(H%'-	2:0'57-/70%-(3(. 'C"(	!*)*)*<*)*	)4'-(3(<%/"0(		
)%19%(M%A%'4/'	)5'"#5"1	!*)*)*<*)*	)G1/"&1	;4-C%0	< 2
6"A(6*()" -AG	K, 75%/'4#0(J""%-/9(3(	!*)*K,*	;700'57-7&(3(		
	J7&%#()5'	!*)*K,*	P#1/075/'4#	;4-C%0	< 2
	=%/70%-(M"14705"1	!*)*=%/*M"15* ;4#1"0	=%/70%-(M"14705"1(3(		
	I*	I*	)45""/G	;4--": "(Q-%5"	< 2
>0%#5'1(8*(FIL44-"	20/(3(2059'/"5/70"	!*)*	20/(%#,(2059'/"5/70"	;4-/4#	< 2
;9%0-"1(M*()%#,%'#"	)5'"#5"	!*)*	!'4-4:'5%-()5'"#5"1	;4-I'--"	< 2
>400"1/(<*(;%0A%7:9	=%/70%-(M"14705"1	!*)*>40"1/0G	>40"1/0(M%#:"-%#,(3(		
J%###%9(6*(<%T%/4	2:0'57-/70%-(3(. 'C"(	!*)*>*;*)*	>'0"()5'	;41&4T4-'1	< 2
;4,G(.*(<%:#"0	)5'"#5"1	!*)*>*;*)*	>%&' -G(%#,(		
L%###"0(Q*(2AA4//	=%/70%-(M"14705"1	V#,"5-%0",	;4#17&"0()5'"#5"1	;47-" "(H%&	< 2
!"#\$%&'#(8*()9%@	K#:'#"'"0'#:	!*)*8*K*	=%/70%-(M"14705"1	;0"1/4#	< 2
	K#:'#"'"0'#:	!*)*8*K*	8"59%# '5%-(		
	K#:'#"'"0'#:	!*)*8*K*	K#:'#"'"0'#:	H%I"#"T40/	< 2
	K#:'#"'"0'#:	!*)*8*K*	; 'I'-(3(		

!"#\$%&'(!)!)!*,&(-!.%!/0!1/2+\$!"/,+/-

+%/''(.*(+'#:	.''/'01(20/1(3)45'%-)5''#5"1 !*)*	;7-/70"D()45''/G(3(671/'5" ;4&&7#5%/'4#	Q16594-4:G(3(;4&&7#5%/'4#	K,: "@44,	< 2
J%'- "G(6*(;4-/0%#	.''/'01(20/1(3)45'%-)5''#5"1 !*)*	;7-/70"D()45''/G(3(671/'5" ;4&&7#5%/'4#	Q16594-4:G(3(;4&&7#5%/'4#	K, &4#, 1	< 2
.-'(>*(84#/'"1 840: %#(.*(L94&T14#	=%/70%- (M"14705"1 !*)*K#I*)* 2:0'57-/70%- (3(. 'C"()5''#5"1 !*)*	K#I'04#& "#/%-()5''#5" >%&'-G(%#,(;4#17& "0)5''#5"1	K, &4#, 1	< 2	< 2
K&' -G(M*(Q"/"014#	2:0'57-/70%- (3(. 'C"()5''#5"1 !*)*2*E*)*	2#' &%-D(E"/(3(>44,()5''#5"1)5''#5"1	2#' &%-D(E"/(3(>44,(KT90%/%	< 2	< 2
;90'1/4T9"0(!075"	.''/'01(20/1(3)45'%-)5''#5"1 !*2*	J'1/40G ;9"&'5%- (3(!'4-4:'5%- (K#:0	KI"0"//	< 2	< 2
J%'- "G(. *>%/9	K#: '#""0'#: !*)*	! '4-4:'5%- (K#:0	KI"0"//	< 2	< 2
+G-%(6*(F\$%- "9/4	.''/'01(20/1(3)45'%-)5''#5"1 !*2*	K#: -'19 >%&'-G(%#,(;4#17& "0)5''#5"1	KI"0"//	< 2	< 2
)', # "G(6*()59&' , /	2:0'57-/70%- (3(. 'C"()5''#5"1 !*)*>*,*)*	!71'#"11(3(K54#4&'51 !*)*!71*	> ", "0%- (< %G	< 2	< 2
K-'N%A"/9(+*(=%, 0'59	2:0'57-/70%- (3(. 'C"()5''#5"1 !*)*2*E*)*	2#' &%-D(E"/(3(>44,()5''#5"1	> "0#, %- "	< 2	< 2
J%'- "G(6*(Q"-/4#	.''/'01(20/1(3)45'%-)5''#5"1 !*2*	K#: -'19	> '050"1/	< 2	< 2
2##%- '1"(M*(8'/59"--	20/(3(2059'/'"5/70" !*P*2*H* K, 75%/'4#D(J""%-/9(3(J7&%#()5' !*)*K*(6PH4#	20/(%#,(2059'/'"5/70"	>0', %G(J%0A40	< 2	< 2
+%/''(.*(Q-%5"					
+ '%##% (=*(< 44 , 1					

!"#\$%&'!())!*+,&(-!.%!/0!1/2+\$!"/,+ -

H"%##%(;*(+'"#A%7&	!71'#"11(3(K54#4&'51 !*)*!71*	!71'#"11 ?0""#%50"1	< 2
2-"#%(M*(M4N"@1B'	."//"01(20/1(3()45'%- ()5'"#5"1 !*)*	Q1G594-4:G(3(;4&&7#5'5%/4#	P11%R7%9 < 2
2# ,0"@ (H*(=" -14#	()5'"#5" !*)*	! '4-4:'5%-()5'"#5"1	P11%R7%9 < 2
?- "#(<*>'#,-%G	K#:'#"'"0'#: !*)*8*K*	8 "59%#5'5%-(K#:'#"'"0'#:	P11%R7%9 < 2
6%54A(Q*(. "059	!71'#"11(3(K54#4&'51 !*)*!71*	!71'#"11 !71'#"11	P11%R7%9 < 2
+%/ "-G#(K*(+ -" "#B4TC	K, 75%/'4#D(J "%-/9(3(J7&%#()5' !*)*K*)*J*)*	84I "& "#/()5'"#5"1	P11%R7%9 < 2
8%/ /9"@(<*(!7--"0	!71'#"11(3(K54#4&'51 !*)*!71*	!71'#"11 +"-14	< 2
6%54A(2*(. '" , -"	K#:'#"'"0'#: !*)*8*K*	8 "59%#5'5%-(K#:'#"'"0'#:	+ "#&40" < 2
)%0%9((;4# , '/'	20/(3(2059'/'5/70" !*)*. *2*	20/(%# , (2059'/'5/70" 2:0'57-/70%-(3(. 'C"(	+ "#&40" < 2
219/4#(. *(H%I'1	()5'"#5"1 !*)*2:*K, *	. , 019T(3(;4&&	+ "###"@'5B < 2
;9%1"(2*>-40%	20/(3(2059'/'5/70" !*)*	20/(%# , (2059'/'5/70" ! '4-4:'5%-()5'"#5"1	+ "###"@'5B < 2
;-%'0"((6%0%&'--4	()5'"#5" !*)*	."//"01(20/1(3()45'%- ()5'"#5"1 !*2*	+ "###"@'5B < 2
H"- '--%9()%- , %/"	()5'"#5" !*)*	K#:-'19 ! '4-4:'5%-()5'"#5"1	+ "###"@'5B < 2
K&' -G*(E"0:%0%	2:0'57-/70%-(3(. 'C"()5'"#5"1 !*)*Q-*)5*	Q-%#/()5'"#5"1 ;700'57-7&(3(	+ "###"@'5B < 2
>%'/9(8*>'19A70#	K, 75%/'4#D(J "%-/9(3(J7&%#()5' !*)*K, *	P#1/075/'4#	+ "###"@'5B < 2
?0%5"(M*(?' : "0	20/(3(2059'/'5/70" !*)*2059* 2:0'57-/70%-(3(. 'C"(	20/(%# , (2059'/'5/70"	+ "###"@'5B < 2
J4T"(';*(. %@0"#5"	()5'"#5"1		
6%54A(Q*(8 ""7@1"#			

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

K0'5%(6*(Q"59%	20/(3(2059'/"5/70" !*)*2059*	20/(%#,(2059'/"5/70"	. 'A"0/G(. %B"	< 2
8%, '14#(2*(< 9' /#"G	K, 75%/'4#0(J""%-/9(3(	; 700'57-7 &(3(		
J7 &%#()5'	!*)*K, *	P#1/075/'4#	. 'A"0/G(. %B"	< 2
! 71'#"11(3(		25547#/'#:(3(8: &/((		
=%/%-'"(8*(2-1%	K54#4 &'51 !*)*! 71*	P#C4()G1/"&1	. 'A"0/G(. %B"	< 2
! 71'#"11(3(				
)%& 7"- (M*(! 04@#	K54#4 &'51 !*)*! 71*	! 71'#"11	. 'A"0/G(. %B"	< 2
)%1%##%9(K*(Q0%//	20/(3(2059'/"5/70" !*)*2059*	20/(%#,(2059'/"5/70"	. 'A"0/G(. %B"	< 2
?7##%0(!*(				
?7//40&1"#	20/(3(2059'/"5/70" !*)*2059*	20/(%#,(2059'/"5/70"	. 4#: !'"@	< 2
2:0'57-/70%-(3(. 'C"(		>%&' -G(%#,(		
K--"(8*(8440"	)5'"#5"1 !*)*>*,*)*	; 4#17 &"0()5'"#5"1	. G#, "#	< 2
; 90'1/4T9"0(H*(	! 71'#"11(3(			
J4%#:	K54#4 &'51 !*)*! 71*	! 71'#"11	. G##@44,	< 2
. "//"01(20/1(3()45'%- (		F0: %##'N%/ '4#%-(		
H"#'1"(*)/"'"#,%9-	)5'"#5"1 !*)*	)5'"#5"1	. G##@44,	< 2
K, 75%/'4#0(J""%-/9(3(				
! 0"##%(M*(; -'#B"0	J7 &%#()5' !*)*H%#*	84I" &"#/()5'"#5"1	8%T- "(E%- -"G	< 2
! 71'#"11(3(				
; 4-/()*)9"00"--	K54#4 &'51 !*)*! 71*			

!"#\$%&'!()!*+,&(-!.%-/!0!1/2+\$!"/,+/-

M'4##%(8*(8%\$%5B	. "///01(20/1(3()45'%-)5'"#5"1 !*)*	F0: % #'N%/'4#%-()5'"#5"1	8'-'4#	< 2
K-'N%A"/9(2*(< 40-"G	2:0'57-/70%-(3(. 'C'")5'"#5"1 !*)*2*E*)*	2#' & %-%D(E"/(3(>44, ()5'"#5"1	84#'/40	< 2
2-'11%(8*(< 9'/%B"0	2:0'57-/70%-(3(. 'C'")5'"#5"1 !*)*2:*K, *	2:0'57-/70%-(K, D(. , 019T(3(; 4& &	841"1(. %B"	< 2
219-"G(;*(J"0#%##, "N	. "///01(20/1(3()45'%-)5'"#5"1 !*)*	; 7-/70"D()45'"'/G(3(671/'5"	841"1(. %B"	< 2
; %0-(H*(J%0/	2:0'57-/70%-(3(. 'C'")5'"#5"1 !*)*2:*K54#*	2:0'57-/70%-(K54#(3(M70%-()45	841"1(. %B"	< 2
; 90'1/'%#(6*(M%&'0"N	2:0'57-/70%-(3(. 'C'")5'"#5"1 !*)*2*E*)*	2#' & %-%D(E"/(3(>44, ()5'"#5"1	841"1(. %B"	< 2
+%0"##(8*(M%&'0"N	. "///01(20/1(3()45'%-)5'"#5"1 !*)*	F0: % #'N%/'4#%-()5'"#5"1	841"1(. %B"	< 2
8%5'"'(2*(	2:0'57-/70%-(3(. 'C'")5'"#5"1 !*)*>*)*	2#' & %-%D(E"/(3(>44, ()5'"#5"1	841"1(. %B"	< 2
.47/9"0A%5B	!71'#"11(3(K54#4&'51 !*)*!71*	!71'#"11	8411G045B	< 2
6'--(Q*(; 470#G"0	. "///01(20/1(3()45'%-)5'"#5"1 !*)*	6470#%- '1&(3(8%11(8", '%	847#/ (E"0#4#	< 2
J4T"(2*(?%G- "				
6%5B(H*(J7&T90"G				

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

LG(=*(J"#,0'5B14#	!71'#"11(3(K54#4&'51	!*)*!71*	!71'#"11	!71'#"11	Q7--&%#	< 2
+%/!-G##()*(2,B'#1	."/!"01(20/1(3()45'%-()5'""#5"1	!*871*	871'5		Q7G%-7T	< 2
8%/!9"@Q*(?4&"N	."/!"01(20/1(3()45'%-()5'""#5"1	!*871*				

!"#\$%&'!())!*+,&(-!.%!/0!1/2+\$!"/,+ -

K&'-'"(M*(>'19	20/(3(2059'/'5/70"	!*P*2*H*	20/(%#,(2059'/'5/70"	)%&%&'19	< 2
?'#%((8%00"#	)5'"#5"	!*)*	!'4-4:'5%-()5'"#5"1	)%&%&'19	< 2
J%G,"#(H*(K,@%0,1	)5'"#5"1	!*)*	J'1/40G	)%&%&'19	< 2
.%70"#(J*(Q"0-%	K#:'#"'"0'#:	!*)*8*K*	8"59%#%'5%-(	)%&%&'19	< 2
840:%#((J"'/59	)5'"#5"1	!*)*	;7-/70"0()45'"/G(3(Q16594-4:G(3(	)%&%&'19	< 2
M"A"55%(8*(F@"#	!71'#"11(3(	!*)*!71*	671/'5"	)%&%&'19	< 2
.4:%#(H*(Q0%/'"0	K54#4&'51	!*)*!71*	!71'#"11	)%&%&'19	< 2
2A':%'-(+(<9'/"	!71'#"11(3(	!*)*!71*	2# '&%-D(E"'/3(>44,(	)%&%&'19	< 2
K--%(6*(J%1B'#1	2:0'57-/70%-(3('C"('	!*)*2*E*)*	)5'"#5"1	)%&%&'19	< 2
P1%A"--%(M*(H"('.(%	)5'"#5"1	!*)*	;7-/70"0()45'"/G(3(	)%&%&'19	< 2
?%0N%	K,75%/'4#D(J""%-/9(3(	!*)*K*)*J*)*	671/'5"	)%&%&'19	< 2
6%04#((<44,@%0,	J7&%#()5'	!*)*K*)*J*)*	84I"&"#/()5'"#5"1	)%&%&'19	< 2
67-'%#((;4--'#1	!71'#"11(3(	!*)*!71*	!71'#"11	)%&%&'19	< 2
.%70"#(?*(;%#/4	K54#4&'51	!*)*!71*	; 'I'-(3(	)%&%&'19	< 2
8%0(*('."IG	K#:'#"'"0'#:	!*)*; *K*	K#I'04#&"#/%-(K#:0	)%&%&'19	< 2
8%G%(<*(<%0#45B	=%/70%-(M"14705"1	!*)*K54-*;4#1*!'4-*	>'19(3(<'-'C"('	)%&%&'19	< 2
="--(2*(!%B"0	)5'"#5"1	!*)*	)5'"#5"1	)%&%&'19	< 2
F-'I'*(M*(8%0/'#	K#I'04#&"#/%-(	!*)*K#I*)*	K#I'04#&"#/%-(	)%&%&'19	< 2
	K,75%/'4#D(J""%-/9(3(	!*)*K, *	;700'57-7&(3(	)%&%&'19	< 2
	J7&%#()5'	!*)*K, *	P#1/075/'4#	)%&%&'19	< 2
	."/"01(20/1(3()45'%-	!*)*	6470#%-1&(3(8%11(	)%&%&'19	< 2
	)5'"#5"1	!*)*	8",'%	)%&%&'19	< 2
	K,75%/'4#D(J""%-/9(3(	!*)*K*)*J*)*	84I"&"#/()5'"#5"1	)%&%&'19	< 2
	J7&%#()5'	!*)*K*)*J*)*		)%&%&'19	< 2

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+/-

)9""%(8%/14#	. ""/01(20/1(3()45'%-)5""#5"1 !*)*	6470#%- '1&(3(8%11(8 "", '%)"-9	< 2
!0'%##%(M*(6%5B	. ""/01(20/1(3()45'%-)5""#5"1 !*)*	; 7-/70""D()45""/G(3(671/'5")"R7'&	< 2
K0'#(8*(8%5",4	2:0'57-/70%- (3(. 'C")5""#5"1 !*)*>*)*	2#' &%-D(E"/(3(>44,()5""#5"1)"R7'&	< 2

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

!0%# ,4#(8*(!4G ,	K#:'#"0'#:	!*)*; *K*	; 'I'-(3(		
	!71'#"11(3(		K#I'04#&"#/%-(K#:0	)T4B%#"	< 2
; %014#(6*(E%- "G	K54#4&'51	!*)*!71*	!71'#"11	)T4B%#"	< 2
	. "//"01(20/1(3()45'%- (				
K-'N%A"/9(M*()%A%/%	)5'"#5"1	!*871*	871'5	)T4B%#"	< 2
	K, 75%/'4#D(J""%-/9(3(				
?0%5"(+*(!%A545B	J7&%#()5'	!*)*H%#*	84I"&"#/()5'"#5"1	)T4B%#"	< 2
			8"59%#5%-(		
?0%#/(E*(.75B"	K#:'#"0'#:	!*)*8*K*	K#:'#"0'#:	)T4B%#"	< 2
	K, 75%/'4#D(J""%-/9(3(				
J%##%9((L70#"0	J7&%#()5'	!*)*K*)*J*)*	84I"&"#/()5'"#5"1	)T4B%#"	< 2
6%5R7"1(;*(E41	K#:'#"0'#:	!*)*	;9"&'5%-(3(		
	2:0'57-/70%-(3('C"(		!'4-4:'5%-(K#:0	)T4B%#"	< 2
64-"#"Q*(<9'/"-"G	)5'"#5"1	!*)*>*,*)*	>%&' -G(%# , (		
	K, 75%/'4#D(J""%-/9(3(		;4#17&"0()5'"#5"1	)T4B%#"	< 2
+ ""-'"(2*(<%0 ,	J7&%#()5'	!*)*K, *	;700'57-7&(3(		
	2:0'57-/70%-(3('C"(		P#1/075/'4#	)T4B%#"	< 2
+ "-5'(.*)59%0CC	)5'"#5"1	!*)*2*E*)*	2# '&%-D(E"/(3(>44 , (2# '&%-D(E"/(3(>44 , (	)T4B%#"	< 2
			)5'"#5"1	)5'"#5"1	
. "I'(L*(E""#1/0%	20/(3(2059'/"5/70"	!*)*2059*	20/(%# , (2059'/"5/70"	)T4B%#"	< 2
	!71'#"11(3(				
8%/ /9"@()*(85?%##	K54#4&'51	!*)*!71*	!71'#"11	)T4B%#"	< 2
			K#I'04#&"#/%-(		
8'%(!*J'--	=%/70%-(M"14705"1	!*)*K#I*)*	)5'"#5"	)T4B%#"	< 2
	!71'#"11(3(				
84--G(2*(;4--'#1	K54#4&'51	!*)*!71*	!71'#"11	)T4B%#"	< 2
=%/9%#(,*(:7G"#	K#:'#"0'#:	!*)*;*)*	;4&T7/"0()5'"#5"	)T4B%#"	< 2
			8"59%#5%-(		
= '54-%1(M*(!7004@1	K#:'#"0'#:	!*)*8*K*	K#:'#"0'#:	)T4B%#"	< 2
	!71'#"11(3(				
M"A"B%9(8*(!4G ,	K54#4&'51	!*)*!71*	!71'#"11	)T4B%#"	< 2
M4A"0/((<%-B4	K#:'#"0'#:	!*)*;*)*	;4&T7/"0()5'"#5"	)T4B%#"	< 2

!"#\$%&'!()!*+,&(-!.%-/!0!1/2+\$!"/,+/-

!"#\$%&'!()!*+,&(-!.%!/0!1/2+\$!"/,+ -

P0"-.%#, (8*(="00	2:0'57-/70%-(3(. 'C"(	!*)*>;*)*	>%&'-G(%#, (		
	)5'"#5"1	!*)*=%/ *M"15*; 4#1"0	; 4#17&"0()5'"#5"1	L%54&%	< 2
6"11'5%(. *(8'/59" &	=%/70%-(M"14705"1	I*	=%/70%-(M"14705"1(3(		
			)45'" /G	L47/-"	< 2
			; 'I'-(3(		
; %11', G(8*(K-'5B"0	K#: '#""0'#:	!*)*; *K*	K# 'I'04#&"#/%-(K#: 0	L7B@'-%	< 2
			? "4:0%T9G(3(		
Q'"05"(2*(J': ':'#1	)5'"#5"	!*)*	? "4-4:'5%-()5'"#5"	V# 'I' "01'/G(Q-	< 2
)%&%#/9%(. *(.%0%&'"	=%/70%-(M"14705"1	V#, "5-%0",	=%/70%-(M"14705"1	V# 'I' "01'/G(Q-	< 2
		!*)*=%/ *M"15*; 4#1"0	=%/70%-(M"14705"1(3(		
219-"G(K*(Q%'#"	=%/70%-(M"14705"1	I*	)45'" /G	E%#547I "0	< 2
			>'19(3(<' -, -'C"(		
; 70/'1(2*(Z47#:0"#	=%/70%-(M"14705"1	!*)*>'19*M"1*	)5'"#5"1	E%#547I "0	< 2
	! 71'#"11(3(				
HG-%#(L*()/%#: "-	K54#4&'51	!*)*! 71*	! 71'#"11	! 71'#"11	E%#547I "0
	. "///"01(20/1(3()45'%- (				< 2
>0%#B((! 4@"01	)5'"#5"1	!*2*	8 71'5	E%#547I "0	< 2
	K, 75%/'4#0(J""%-/9(3(		; 700'57-7&(3(		
?0%5"(*(<%-/4#	J7&%#()5'	!*)*K, *	P#1/075/'4#	E%#547I "0	< 2
67-'%(* (E%# '1	20/(3(2059'/'5/70"	!*)*2059*			

!"#\$%&'!()!*+,&(-!.%-/!0!1/2+\$!"/,+ -

640,G#(K*(L7#'#:	)5'""#5"	!*)*	;9"&'1/0G		Z%B'&%	< 2
=%/9%#%"-(6*(!7"::"	)5'""#5"1	!*871*	871'5	871'5	Z%B'&%	< 2
2'#""B%(M*(;%0-14#	)5'""#5"1	!*2*	L9""%/0"(20/1	K#:-'19	S'-%9	< 2
219/G#(J*(;97059	)5'""#5"1	!*)*	Q4-'/'51(3(	Q4-'/'51(3(	S'--%9	< 2
8%/ /9"@ (F*(L94&%1	K54#4&'51	!*)*!71*	!71#"11		;","%0A70:	< P
P%#(K*()597-/N	20/(3(2059'/'5/70"	!*)*2059*	20/(%#,(2059'/'5/70"		K%7(;-%'0"	< P
M41%(M%0'5B	)5'""#5"1	!*)*2*E*)*	2# '&%-D(E"'/3(>44,(		.4G%-	< P
2-"071(6*(E"09%:"	20/(3(2059'/'5/70"	!*P2*H*	20/(%#,(2059'/'5/70"		8%, '14#	< P
.%# ,4#(;*(Q"/'"014#	J7&%#()5'	!*)*K*)*J*)*	84I" &"#/()5'""#5"1		F#%-%1B%	< P
>%'/9(2*(Q"&A-"	K#:'#"'"0'#:	!*)*8*K*	K#:'#"'"0'#:		M'I""0(>%-1	< P
K0'B%(8*(.%01"#	J7&%#()5'	!*)*K,*	;700'57-7&(3(		;4,G	< Z
84'0%(Q*(20/9%7,	=%/70%-(M"14705"1	!*)*K54-*;4#1*!'4-*	>'19(3(<'-'-'C"'		;4,G	< Z
!0G%#((="I%0"N	J7&%#()5'	!*)*K,*	P#1/075/'4#		?0"GA7--	< Z
)54//J*(<44,G	K#:'#"'"0'#:	!*)*K*K*	K-"5/0'5%-(3(		847#/'%#(E'"@	< Z
6%54A(<*(?4-,"#	20/(3(2059'/'5/70"	!*)*2059*	20/(%#,(2059'/'5/70"		2QF	2K
.'-G(6*()&' /9	)5'""#5"	!*)*	8%/9"&%/'51(3(		>QF	2K
;90'1/4T9"0(8*(			8"59%#%'5%-(			
>7"#" /"1	K#:'#"'"0'#:	!*)*8*K*	K#:'#"'"0'#:		;9""#"G	< 2