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

"#$$!%& ' ()** ' &! ' (!+#*,-./-0$)!"./-/1)!
2 3 4 5 3!6 7 +8 9 3++!+ : ; < <=!
!
,)>?-/.)@A.-B>'&1-&' C D)EA)0@1'B!
!
!

!

" # $ %& ' ( ) *!

FGGH!

%? 4!./!+'1.'$'AI!J=K./L)*,.**)B)/,!*'1.-$)B)/,!&)*>'/*-0$)!)/,&)!$K'((&)!),!$-!E)B-/E)M!-/-$I*)!),!)/N)#O!E)!$-!1'/*,&#1,.'/!*'1.-$)!EK#/)!P>-&A/)! >'$.,.Q#)RS!TB)/,.'/!,&U*!?'/'&-0$)!-L)1!(P$.1.,-,.'/*!-!$K#/-/.B.,P!E#! N#&IV!*#>)&L.*)E!0I!%&'.4Tm(!"102.9 6 5 7 8.5,.4 18 6 7 5(!)Tj(R)Tj(S!)Tj(TE K)!(#/)Tj(-/!02-1.2 6Td102-1>$j(I)Tj(V)Tj 5 3!6 7 +8WnBT/TT(Y!$K./EA&1#

FGF`]FGFc! %&./1.>-$!./L)*,.A-,'&!('&!,?)!>&'N)1,!d)]8B-A././A!d)*>'/*.0$)!8/L)*,B)/,!
"#,#&)*@!!

&@?>7>A;!195@8A97B!#>68=9>A;!,64C8=97!:A@!&@D>77>4A!E56>87!!

+./1)!FGF`! !"#$%&'"()*++

**)9<86! &=:@8D>=! &=9>?>9>87! F,64;6:D! %4DD>99887B! 3>AG7! H>9<! 9<8! 057>A877!
%4DD5A>9I!:A@!(A79>959>4A7!4J!2>;<86!38:6A>A;K!**

+./1)!FGF`! !"#$%&'"()*+

)'2"-!,-)L"11()*&3!"+,"-("*%"!(*!'"&%2(*/!&*#!-"1"&-%2!!

,47>9>4A7!<8M@!!

FG\H]FGF`!

FG\F]FG\`! :'&)!1'#&*)!'(!%?4!>&'A&-B!'/!Q#-$.,-,.L)!&)*)-&1?!B),?'E*!-/E! *'1.'$'AI!'(!B-&D),*S!7/.L)&*.,I!'(!:->)!_'Z/S!5&-E#-,)!+1?''$!'(! 6#*./)**@!!

FG\\]FG\h! W6[!1'&)!1'#&*)!'/!g#-$.,-,.L)!d)*)-&1?!W),?'E*S!7/.L)&*.,I!'(!:->)! _'Z/!5&-E#-,)!+1?''$!'(!6#*./)**@!

'2"1(1!1$,"-N(1()*1!

	%4DOM898@!			%5668A9!		
	1!	**%)P1!**	**Q0!**	**1!**	**%)P1!**	**Q!**
%'*,]E'1,'&-$)!	G!	G!	G!	G!	G!	G!
_?U*)*!T4'1,'&-,V!	F!	F!	G!	F!	\!	G!
_?U*)*!TW-i,&.*)&64&6eW						

!

'<87>7!R , 64C8=97!F75O86?>78@R78M8=9>4A!4J!=4DOM89>4A!4AMIK!

FG\c]FGFh!	%?4!3,.)//)!4)L)$-I!T1']*#>)&L.*'&VS!9',,./A?-B!6#*./)**!+1?''$@!
FGFG]FGF`!	%?4!71?)//-![B-E.!T1']*#>)&L.*'&VS!9',,./A?-B!6#*./)**!+1?''$@!
FG\f]FGFG!	%?4!6.*Z-&-N!5'*?!T*#>)&L.*'&VS!9',,./A?-B!6#*./)**!+1?''$@!
FG\`]FGFG!	%?4!^'/-,?-/!+,)I/!T*#>)&L.*'&VS!7/.L)&*.,I!'(!:->)!_'Z/!5&-E#-,)! +1?''$!'(!6#*./)**@!!
FGFG]FGF`!	W-*,)&!'(!:'BB)&1)!_)0'?'!W-D?-0-/)!T*#>)&L.*'&VS!7/.L)&*.,I!'(!:->)! _'Z/!5&-E#-,)!+1?''$!'(!6#*./)**@!!
FG\f]FGFG!	W-*,)&!'(!:'BB)&1)!j-/)$)!W-$#B0)!T*#>)&L.*'&VS!7/.L)&*.,I!'(!:->)! _'Z/!5&-E#-,)!+1?''$!5&-E#-,)!+1?''$!'(!6#*./)**@!!
FG\f]FGFG!	W-*,)&!'(!%?.$'*'>?I!%),)&!9.BB'!T*#>)&L.*'&VS!7/.L)&*.,I!'(!:->)!_'Z/! 5&-E#-,)!+1?''$!'(!6#*./)**@!!
FG\f]FGFG!	W-*,)&!'(!%?.$'*'>?I!W-,,?)Z!k'&,?./A,'/]+B.,?!T*#>)&L.*'&VS! 7/.L)&*.,I!'(!:->)!_'Z/!5&-E#-,)!+1?''$!'(!6#*./)**@!!
FGFF]FGFF!	W6[!,?)*.*!T*#>)&L.*'&VS!4-L.E!;-&&.*'/S!7/.L)&*.,I!'(!:->)!_'Z/! 5&-E#-,)!+1?''$!'(!6#*./)**@!!
FGFF]FGFF!	W6[!,?)*.*!T*#>)&L.*'&VS!%&)1.'#*!+1?#$,)!E)!6&./D)S!7/.L)&*.,I!'(!:->)! _'Z/!5&-E#-,)!+1?''$!'(!6#*./)**@!!
FGF\]FGF\!	W6[!,?)*.*!T*#>)&L.*'&VS!5.0*'/!W->(.Ea-S!7/.L)&*.,I!'(!:->)!_'Z/! 5&-E#-,)!+1?''$!'(!6#*./)**@!!
FGF\]FGF\!	W6[!,?)*.*!T*#>)&L.*'&VS!l'$-/.!9A-,-/)S!7/.L)&*.,I!'(!:->)!_'Z/! 5&-E#-,)!+1?''$!'(!6#*./)**@!!
FGF\]FGF\!	W6[!,?)*.*!T*#>)&L.*'&VS!9)1)**.,I!9A'&.B-S!7/.L)&*.,I!'(!:->)!_'Z/! 5&-E#-,)!+1?''$!'(!6#*./)**@!!

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,$03(%&'()*1!

E456A:M!,5SM>=:9>4A7!F78M8=98@K!

\@! 5.-B>'&1-&'S!+@!-/E!2#DS!5@S!FGF`@![(('&E-/1)*]./]>&-1,.1)M!#/&-L)$$./A!0$'1D1?-./]('&] A''E!./!*#*,-./-0$)!./L)*,B)/,@!:)9"#';$(")+<0&%)"="*>+?+@0"/=B5:+CDECCDFG:<@6DH6 IDII6DJKL@!

F@! k).S!W@S!k-/AS!m@!-/E!5.-B>'&1-&'S!+@S!FGF`@!_?)!.B>-1,!'(!'Z/)&*?.>!*,&#1,#&)!'/!)/L.&'/B)/,-$!./('&B-,.'/!E.*1$'*#&)M!3L.E)/1)!(&'B!:?./-@!M".#);=+"9+N)1(#")'0)$;=+ 7;);*0'0)$S!JHIS!>@\FG]\GG@!

h@! 2#DS!5@!-/E!5.-B>'&1-&'S!+@S!FGF`@!%&)(.A#&-,.L)!.B-A./-&.)*M!5.L./A!,?)!#/0-/D)E!./! 2)/I-/!./('&B-$!*),,$)B)/,*!,?)!>'Z)&!,'!.**#)!,?).&!'Z/!1#&&)/1I@!O.';)+P0=;$(")2S! >@GG\bfFHfF`\F`bFe\!

`@! 2#DS!5@S!W)I)&S!:@!-/E!5.-B>'&1-&'S!+@S!FGF`@!:'B>$)B)/,-&I!1#&&)/1.)*!-/E!)/,&)>&)/)#&*?.>M!+#*,-./-A!B.1&'n)/,&)>&)/)#&*!./!2)/I-/!./('&B-$!*),,$)B)/,*@!,$#;$0*(&+ N)$#0/#0)0.#2%(/+M".#);=S!CFT\VS!>>@F\]e`@!

!

e@! 4)L)$-IS! 3@S! k-/AS! m@! -/E! 5.-B>'&1-&'S! +@S! FGFh@! _?)!)(()1,! '(! :3<n,'nZ'&D)&! >-I! E.*>-&.,.)*! '/! :3<! 1'B>)/*-,.'/M! _?)! B)E.-,./A! &'$)! '(! *?-&)?'$E)&! *-I! '/! >-I! L',)*@!:)$0#);$(");=+M".#);=+"9+!();)&0+?+N&")"'(&A2+4<8M!\G@\GGFX.N()@FbHH@!

H@! 5.-B>'&1-&'S! +@S! 5'/ES! ^@%@! -/E! ='#1?)S! :@S! FGFh@! 4)$.0)&-,.L)! 0'#/E-&I! Z'&D! ('&! *#*,-./-0$)! (./-/1)M! 8/*.A?,*! (&'B! -! 3#&'>)-/! :'BB.**.'/!)O>)&,! A&'#>@!5#*;)(Q;$(")+,$.R(02S!KKT\FVS!>>@\c\h]\chb@!

f@! 5.-B>'&1-&'S!+@S!5'/ES!^@%@!-/E!<K+#$$.L-/S!9@S!FGFG@!<&1?)*,&-,./A!A'L)&/B)/,-$!1'&>'&-,)! *'1.-$!&)*>'/*.0.$.,I!./,)&L)/,.'/*!,?&'#A?!(./-/1.-$!B-&D),*M!_?)!1-*)!'(!"&)/1?!*'1.-$$I! &)*>'/*.0$)!./L)*,B)/,@!S.2()022+N$%(&2+T.;#$0#=>S!JDThVS!>>@Fbb]hh`@!

b@! 5.-B>'&1-&'S!+@!-/E!5'/ES!^@%@S!FG\H@!:-$1#$-0.$.,I!-*!>'$.,.1*!./!,?)!1'/*,&#1,.'/!'(!B-&D),*M! _?)!1-*)!'(!*'1.-$$I!&)*>'/*.0$)!./L)*,B)/,!./!"&-/1)@!5#*;)(Q;$(")+,$.R(02S!JUT`VS!>>@`He] `ce@!

c@! 4PN)-/S!"@S!5.-B>'&1-&'S!+@S!5'/ES!^@%@S!=)1-S!6@!-/E!%)/-$L-]81?)&S!3@S!FG\h@!W.*,-D./A!-/!)B)&A./A! B-&D),! ('&! -! *'1.-$! B'L)B)/,o! [! 1'BB)/,! '/! [&N-$.U*K! *'1.-$]B'L)B)/,! >)&*>)1,.L)! '/!*'1.-$$I!&)*>'/*.0$)!./L)*,B)/,!./!"&-/1)@!M".#);=+"9+8.2()022+0$%(&2S!CCIS! >>@FGe]F\F@!

\G@!5.-B>'&1-&'S!+@!-/E!%&),'&.#*S!=@S!FG\F@!+#*,-./-0$)!-/E!&)*>'/*.0$)!./L)*,B)/,!T+d8V!./! +'#,?! [(&.1-M! [! $.B.,)E! -E'>,.'/! '(!)/L.&'/B)/,-$! 1&.,)&.-@!:)102$'0)$+ V);=>2$2+ M".#);=S!KCTfeVS!>>@\]\c@!

\\@!;-B-//S!d@S!5.-B>'&1-&'S!+@S!^'?/*,'/S!4@!-/E!m-1?D-*1?.S!+@S!FG\\@!_?)!&'$)!'(!0#*./)**! -/E! 1&'**]*)1,'&! 1'$$-0'&-,.'/! ./! -EE&)**./A! ,?)! pZ.1D)E! >&'0$)BK'(! (''E! ./*)1#&.,I@!B010="/'0)$+,".$%0#)+V9#(&;S!IFT`VS!>>@efc]ec`@!

\F@!5.-B>'&1-&'S! +@S! FG\\@! +#*,-./-0$)! -/E! &)*>'/*.0$)! ./L)*,B)/,! ./!)B)&A./A! B-&D),*M! 8/,)A&-,./A!)/L.&'/B)/,-$! &.*D*! ./! ,?)! +'#,?! [(&.1-/! ./L)*,B)/,! ./E#*,&I@!M".#);=+ "9+ ,.2$;();8=0+!();)&0+?+:)102$'0)$S!CTFVS!>>@\F\]\hf@!

!

%<:O9867!>A!044G7!F78M8=98@K!

\h@!4)L)$-IS! 3@! -/E! 5.-B>'&1-&'S! +@S! FGFh@! +#*,-./-0$)! (./-/1)! -/E! ,?)! &'$)! '(! 1'&>'&-,)! A'L)&/-/1)!./!>&)L)/,./A!)1'/'B.1!1&.B)*@!8/!,.2$;();8=0+9();)&0+;)R+9();)&(;=+&#('0!T>>@! FHf]FbfV@!:?-BM!+>&./A)&!8/,)&/-,.'/-$!%#0$.*?./A@!

\`@!4?$-B./.S!l@!-/E!5.-B>'&1-&'S!+@S!FGFh@!8/L)*,./A!('&!.B>-1,!'/!,?)![(&.1-/!1'/,./)/,M!-/! 'L)&L.)Z@!,.2$;();8=0+;)R+P02/")2(8=0+:)102$'0)$+()+B010="/()*+7;#!W0$2]bc@!

\e@!k'&,?./A,'/]+B.,?S!W@4@!-/E!5.-B>'&1-&'S!+@S!FGFF@!3+5!B-,)&.-$.,IM!8/*.A?,*!(&'B!,?)! +'#,?! [(&.1-/! ./L)*,B)/,! ./E#*,&I@! 8/!O;)R8""W+ "9+ P020;#&%+ ")+ X="8;=+ V2/0&$2+ "9+ ,.2$;();8=0+!();)&0+()+<('02+"9+4#(202!T>>@!F\f]F`GV@!858!5$'0-$!

\H@!5.-B>'&1-&'S!+@S!FG\e@!d)*>'/*.0$)!./L)*,B)/,!./!"&-/1)@!8/!

!

\b@!5.-B>'&1-&'S! +@! -/E! =)*$.)S! 4@S! FG\b@! d)*>'/*.0$)! ./L)*,B)/,! -,! <$E! W#,#-$M! -! 1-*)! '(! ./*,.,#,.'/-$!)/,&)>&)/)#&*?.>@!N'0#;=R+N'0#*()*+7;#W0$2+4;20+,$.R(02S!FT`VS!>>@\]Fc@!

\c@!5.-B>'&1-&'S! +@! -/E! W-&&.-/S! W@S! FG\b@! [(&.1-/! 6-/D! 8/L)*,B)/,! =,E! T[68=VM! [! +'#,?! [(&.1-/! :'&>'&-,)!5'L)&/-/1)!"-.$#&)@!N'0#;=R+N'0#*()*+7;#W0$2+4;20+,$.R(02S!FTFVS!>>@\] F`@!

FG@!5.-B>'&1-&'S! +@! -/E! %#,,)&S! W@S! FG\b@! ='/B./! %$1M! B././A! -/E! &)*>'/*.0$)! ./L)*,B)/,r E-/A)&'#*!$.-.*'/*o@!N'0#;=R+N'0#*()*+7;#W0$2+4;20+,$.R(02S!FTFVS!>>@\]FF@!

!

&=:@8D>=!O64=88@>A;7!F78M8=98@K!

F\@!4)L)$-IS! 3@! -/E! 5.-B>'&1-&'S! +@S! FGF`@! [!W'E)$! '(!5.-B>'&'0#; =RK>./-!.6(5.-B>&/-/1)!)47@J0-1

[(&:?-&-1S!.3(-/E!)-149.3(-/E!:+d5.-3(-/E!:')>&-1S)-1@5.-3(-/E!8/(()])Tj/TT21Tf(F)T[(V&;R0'>+)-3(-

! 4)L)$-IS! -/E!-/E!:+d5.-62Td ./*[.52(./L'/(.52(./L".)!).-$(.52(./L)-142.52(./L9'/(])Tj-15

!