

"#\$%&'()\*+%, - . : / 0 & ' ! \*  
1 \* 2 , \* / 3 ( 4 5 / ( 6 & 3 \* + 3 \* ( 1 5 2 , / 5 %  
7 2 8 ( " / \* 0 \* 2 , & 5 2 ( 9 1 6 1 : ( (

; \* < 5 / + 2 8 # < !



6 + , \* = ( > ? ( + 5 @ , ( > A > B (

6 # = ( 1 \* 2 , / \* ( 8 \* ( ' 5 % % + \$ 5 / + , & 5 2 ( 8 \* ( % C D ; . ( E 5 # / ( % C F / + 8 & ' + , & 5 2 ( 8 \* ( % + ( 8 / + ' # 2 ' # % 5 3 \* 6 ( 1 6 1 (

. # H \* , = ( I J . K ; J ( 6 L ( M 7 ( 6 I 7 1 K N 1 K M D . L ( O ( P ! > (

7 = ( 6 \* 3 , & 2 + , + & / \* 3 (

!  
!

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

!!

!

BV(&24\* ',&523(+2&<+%\*3(\*2(>A>P0(\*,(+#'#2\*(&24\* ',&52(+2&<+%\*(905&/L2(\$/\*4('&]8\*335#3:(\*2(H+20&\*/]H#&2(>A>B\W  
M\*(b' -+8(+25,&4&F\('+3(-#<+&23(\*,(B\B(&24\* ',&523(+2&<+%\*3(\*2(>A>P0(\*,(>('+3(-#<+&230(>B!(&24\* ',&523(+2&<+%\*3(  
\*2(>A>B(H#3S#R(E/F3\*2,0(+0\*' (#2\*/F8# ',&52(8\*(fP( g (8+23(%\*(8&3,/& ',(8\*( a52Q5/(+8H+ '\*2,(+#(8&3,/& ',(8\*( [ #F/F(  
+#( 1+<\*/5#2W(MC&23F' #/&,F(S#&(/UQ2\*(8+23(%\*3(45X\*/3(8C&24\*' ,&52(\*3,(%\*(E/&2' &E+%(5\$3,+ '%\*(S#&(3\*(E/F3\*2,\*(+&#(  
; +%&W(M\*3(E/&2' &E+#T(8F4&3(8#(b' -+8(=(,/+23<&33&52(/FE+28#\*(,\*(<+2S#\*(8!\*&#(E5,+ \$%\*(67!"# \$#%&'#(% )87#9#)  
+,+-)./' )0&#/&&I". )/#)". )@&"#)A. :')#%/'&:3.3):% )9.//.BC".CO. :)"# \$#! )8&%/)/& )B(%.)8D.%8! \$#9#! ). )/#)". )E9<&8)  
#%'. %/#0#.)/&)/:3\*.'""&%9.F)/(%)'&:G)8.)9(%0#%. \$.%'). )/.)#%' .3\*.%'#(%/H)

)  
!  
!

"#\$%&'#!()\*+,-&!%+./#0&!1023+,2+0&!4&!5#,!6' 7#.,!4&!40#5'.5'%2,&8!9:9;!<&.!4#-&!4=#2>-!9?@!

<u>/-F.(</u>	<u>"*,S'*\$&amp;SGH*+-I%(</u>	<u>8%J%G;I%(</u>	<u>B\$60%*(</u>	<u>H%'(</u>	<u>@105*0#:(</u>	<u>819'&amp;%(</u>	<u>C1?%(A'1&lt;-&lt;+%(</u>
				<u>B2%'I#(</u>		<u>A'#,92#%(?%(</u>	<u>?4*05%&amp;\$*10(</u>
						<u>+4*05%&amp;\$*10(</u>	

>!

!

(

A+B'0&!()!C.D&5+2.,!5#.+.&.,!#'!'56#4!4&!E#.3+&0!9:(F!G!E'+%%&-!9:9;!
HI023+,2+0&(

(

(

M\*(b' -+8(+25,4&F(>AA(+2&<+#T(9ff g ('524&2F3:(+0\*' (8\*3(&24\*' ,&523(8#(Z [ (\*2(h+20&\*/]H#&%%\*,
>A>B('5<E+/F(R(>\>(+2&<+#T(&24\*',F3(9V? g ('524&2F3:(E\*28+2,(%+(<`<\*(EF/&58\*(8\*(>A>PG(35&,
#2\*/F8#',&52(8\*(P> g (H#3S#CR(E/F3\*2,('\*,\*(+22F\*W(1\*(,+#T(8\*/F8#',&52G(3C&W(\*3,(<+&2,\*2#('\*,\*
+22F\*(,(\*2(>A>^]>A>VG(0\*#,(&8&\*/(S#C&W(/\*3,\*+(\*20&/52(V!(+2&<+#T(+0\*' (8\*3(&24\*',&523(8#(Z [ (
\*2(>A>?G(+#[8\*%R(8\*(%+(8+,\*( ' &S\$\*(8\*(iF/5(&24\*',&52W((M\*(b' -+8(+25,4&F(>(' +3(-#<+&23(8\*(
8/' #2' #53\*( \*2(h+20&\*/]H#&%%\*,(>A>B(9b+\$%\*+#!:G('5<E+/F(R(^'+3(-#<+&23(\*2(h+20&\*/]H#&%%\*,(>A>PW(M\*(3\*'528(
'+3(8\*(>A>B(+#(b' -+8(+0&3&,F [ [5-5(\*2(>A>P]([5-5G(S#&(+25,4&F(8\*3(&24\*',&523(8#(Z [ (+22#\*%%\* <\*2,(8\*E#&3(
>A!\G(\*3,(%\*(O&W+Q\*(5j(-+\$&,\*(%\*(E/\*<&\*/(' +3(8\*(>A>B]([1\*(O&W+Q\*(2C+(E+3(8C\*+#+(3+%#\$/\*(E5#/(%+(\$5&3352\*(,
%\*TE53&,&52(E533&S\$%\*( \*3,(852' (%\*(4+&, (8\*( \$5&/\*(8\*(%C\*+#+(252(4&, /F\*(8+23(%\*3(E5&2,3(8C\*+#+(252(3+%#\$/\*(, (8\*(
<+2Q\*/(8\*3(E5&33523(+, /+EF3(8+23(' \*3(F,+2Q3\*(, (S#&(2\*(352,(E+3(' #&,3(3#4&3+ < \*2,W((

M\*(Z&'\*]" /F3&8\*2,(E5#/(%\*3(5EF/+,&523(&2,\*/2+,&52+&3(8#(1\*2,/\*(1+/,\*/G(1/+&Q( e &, -\*/3(+4+&,(#2\*(0&3&,(8\*(
35#,&2(+#(b' -+8(8#!!(+#!(P(+5@,(>A>B]([7' '5<E+Q2F(8#(155/8&2+,\*#/(8#" /5Q/+< \*2+,&52+%(8CF/+8&' +,&52(
8#(0\*/(8\*( [ #&2F\*9" NLZ [ :G(%\*(6/W(b' -&28\*\$\*,(D#+c5#)(8#(I \*E/F3\*2,+2,(3\*2&5/(8+23(%\*(E+X3(8#(1\*2,/\*(1+/,\*/G(
%\*(6/(7\$8+%%+( ; \*4,#-G(8\*(%C78H5&2,(+#+/\*E/\*3\*2,+2,(8+23(%\*(E+X3G( ; W(7%()) +33+2+(D#, <+2G(8\*(%+(155/8&2+/,&' \*
,\*' -2&S#\*(3F2&5/(8#(1\*2,/\*(1+/,\*/G(

P!

!

'\*2./+4/&' +&2\*(8+23(%\*( \$#, (8\*( 8&3'#,\*/(8\*3(S#\*3,&523(&2,\*/4/52,+%&U/\*3)(M+( /F#2&52(3\*( ,&\*28/(%\*3(!f(\*,(!V(3\*E,\*<\$/\*(>A>B(+0\*' (#2(35#,&\*2(8\*(%CD ; .(\*,(8#(1\*2,/\*(1+/,\*/((

(

(

(+(8F,\*',F(8\*#T(' +3(-#<+&23(8\*(8/' #2' #53\*( \*2(H#&2(>A>B(9,+\$\$\*+#!(:G(+&23&(S#\*(S#+,/\*( +2&<+ #T(3+#0+Q\*3(+0\*' (8\*3(0\*/3(8\*( [ #&2F\*(252(F<\*/QF3(9H#3S#iR(E/F3\*2,( \*2(>A>B:(=(#2(' -+, (3\*/O+%(\*2(+O/&%G(#2(+#,/\*(3\*/O+%G(#2(' -+, (3+#0+Q\*(+4/&' +&2(\*, (#2\*(' &0\*,, \*(+4/&' +&2\*( \*2(H#&2)(M\*3(/,5&3(E/\*<&\*3(+2&<+ #T(52,(F,F(8F,\*',F3(8+23(%\*( '5<,F(8\*(b52H(L+3,( \*%+(' &0\*,, \*(3\*/, /5#0+&, (8+23(%\*( '5<,F(8\*(M+452)(15<< \*%3(0\*/3(2dF,+&\*2,( E+3(35/,&3G( &%3( 2d52,(E+3(' 52,+<&2F(%d\*+ #G(\*, (' \*3( &24\*' ,&523(2\*( /FE528\*2,(E+3(R(%+( 8F4&2&, &52( 544&' &\*%\* (8\*3( &24\*' ,&523(+2&<+ %\*3)(M\*( [ e L"(8#( .5#8+2(8#( . #8(+EE&&S#\*( ,5#, \*3(%\*3(&2,\*/0\*2,&523(+EE/5E/&F\*3(+#,5#/(8\*( %d\* <E%+ '\* <\*2,(8\*( ' \*3(+2&<+ #T(8+23(' \*3(8\*#T(45X\*/3(+&23&(S#\*(8+23(%\*3(\* <E%+ '\* <\*2,3(8\*3(' +3(-#<+&23)((

(+(3&Q2+%F(#2(' -+' +%(+0\*' (>0\*/3(8\*( [ #&2F\*(252(F<\*/QF3(' 524&/<F3(S#&(52,(F,F(8F,\*',F3(%\*(!\*/(H#&%\*%, (>A>B)(K2(' -+33\*#/(+,(#F(%d+2&<+%(8+23(%+(45/` , (E/U3(8\*3(0&%+Q\*3(8\*( .5#<5#2&&(1+<+(\*, (15<+/(8+23(%\*(8&3,/&' , (8\*( ; + ' &2+G(8+23(%+ /FQ&52(8\*( . FQ5#W(K2(' -&\*2(252(' 524&2F(+0\*' (Z [ (+F,F(8F,\*',F(R(1+<+(93&, #F(R(\*20&/52(\) c<(8\*( .5#<5#2&: (\*2(3\*E,\* <\$/\*(>A>P)(1\*,, \*(i52\*(8#( ; +%&(\*3, (' 52,/k%F\*(E+/(%\*3(Q/5#E\*3(8H&-+8&3,\*3\*(, (2d\*3,(E+3

!

B!



"#\$%&#!(!  
!"#\$%&'()\*+,-#\*./+(&'()\*- /)-0'+&')"/1.%#2+'&/'0\*\$''%\*3''.%&'&3'/'#\$%&+/'"3.1.2+'&3')"/1./2+'4\*%'#"'+&/'56578!  
)\*#+,!-.,/0,1,!&2!03-3&!-1430.,,#25!-&!4#,!&2!(6(78!

!"#\$%"&'(%)  
)\*"+\$,-\$\$-.+&  
/0&'\*/'%'  
10-+2'&

+ . , 3 \* ' % / ' % ( " \$ % ( . + 4 - + 2 \$ % + . , 3 \* ' % / ' % ( " \$ % + . ) - 4 - 2 \$ %

6%  
(. + 47%

f(

!

!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!

J2-&!# ' K!52.-0+\$ '-& '0,!!
I0-M0&!4=&.32N&0!32,!52.-0+\$ '-+2.,!3+#!& 7 #+!# '!O0!P6#02.!Q2N!<BRR0#1 ' 1 S 545)B23@!2 '!G!T)!U4# 7!V&+,,!
<#4# 7)R&+, , S 5#0-&05&.-&0)20B@8!4=+5+!%#!D+.!4 '! 7 2+,!# ' K!D+. ,!4&!1 '\$%+5#+2.!4# . ,!%&!.' 7 /02!4 ' 7 2+,!, '+3#.!)W.-!
52.-0+\$ ' /!# ' !10/,&.-!. ' 7 /02!#!\*&,!102B0# 7 7 &,.#+2.# ' K!4=/0#4+5#+2.!4&!%#!40#5'.5 '%2,&8!%&!O25-& ' 0!O2.#%4!
Q)!X21Y+, ,!&-!T)!U4# 7!V&+, ,!&-!%&!O0!Z0.&,-2!Q'+[\"+\$&.!4 '!] &.-0&! ] #0-&08!%&!O0!P6#02.!Q2N!4&,!] O ] !#+. ,+!
^ ' &!%&!O0!O+& ' 42. ./!P# . Y#0#14&!%=W T P)!A20 7 #--/!1#0! T+. 4 [&!J Y# . B#)!!

!