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F', \$&/&+6; /+&)#+()6F', 7/'#'(&)''(V" ; (&5+<+'. "'<.+ 1 .% ""7(&6<(1 (%+'(*% ("&"+2")% ,+ I 9), " 7(&'(%6'(*%/"5<.9.<.%6."/""* <7.'<(1 .% ""*""*(%7(B(7)+,"+&"6* 1 5+<.7""*""?'<&""?'+"(&N+&.7"*% "+% " (%7(B(7)+,A& 5<*'.6'.7" 6?+<+6'.<(&'(6&]"+%7"?'+"V" !]" .46,)7.&"+% " (%7(B(7)+," 9* 1 " 5+<'(6(5+'(*% "(%i"#]7.% (&""?."(%7(B(7)+,"N.% .9(&"*9i"S]""<.+&""?."(%7(B(7)+,"7(99.<.% '2i" * < =]" *?'<. I (&."+7B.<&. ,2"+99.6'&+" .<1/"6*%7('(*%/"* <N.% .9("9"+% "(%7(B(7)+,A& . 1 5,*2 1 .% /" .7)6+'(*%"/,(B(%@".%B<*% 1 .% /" * <5+<'(6(5+'(*% "(%+"0*,,.@."5<* <+ 1 "%*<+6'(B('2a""

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@",.)%+6 K(A'/'(#+())6 @&/&, #+())V" O+<+&& 1.% "" *66)<&" I?.% "B.<N+,/" 5?2&(6+,/" I<('.%/" ..6'<*% (6/" * < " *'?.<" 6*%7)6"" N+&.7" *% " +%" (%7(B(7)+,A&" 5<*'.6'.7" 6?+<+6'.<(&'(6\&]' (& &)99(6(.% ',2"&.B.<."/5.<&(&'.% '/' * < "5.<B+&(B." "'?+'(")%<.+&*%+N,2"(%'.<9.<.&" I('?'/,(1('&/' * <

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+@+(%&" "+2"(%7(B(7)+, " * <@<*) 5" *9" (%7(B(7)+, &/" * "b) &" "+ 0* 1 5, +(%+% " * <" C. &5*%7. % 'a" C. '+,(+(*% "
7* . &%" * " (%6,) 7. "@**7" 9+(?' +6'(*%& , +I 9), ,2"5)<&) . 7" (% " < . &5*%& . " * " + < . 5* <" *9" G<*?(N(' . 7" 0*%7)6'a"
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7(&6*% '(%) . " k "+%7(<. 6'"&)5 . <B(&* <2" * <" . B+,) + (B. " <*, . " * B. <" ? . " * ? . <"5+<'2" +< . "&' <(6', 2"5<*?(N(' . 7a"
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C* 1 +% '(6" * <" & . 4)+, < . , +(*% & ?(5&" I ? . < . " ? . < . " (&" +7(99. < . % '(+ , (% "5* I . < * <" +) ? * <'(2"5<*7)6. "<(&Y&
9* <" . B. <2" 1 . 1 N. <" *9" *) <"6* 1 1)% ('2"+%7")%7. < 1 (% . " ? . "5<*9. &&(*% +, (& 1 " *9"9+6), '2"+%7"&)5 . <B(&* <&a"
\$% . (' ? . <"6*% ' . 4' / " ? . ") . X)+, "5* & (' *% " *9" ? . "5+<' (. &"5< . & . % '&" +% " (% ? . < . % " . . 1 . % " *9" < (&Y"+%7" 1 +2"
<+ (& . & . 4)+, " ?+<+&& 1 . % " 6*%6. <%&" (9" *% . " 5. <&*% " (% " ? . " < . , +(*% & ?(5" ?+&" ? . " +6') +, " * <" +55+< . % "
) ? * <'(2" * " &)5 . <B(& . /" . B+,) + . /"6*)%& . , /"6* +6? / " * <" * ? . < I (& . " 1 +Y. "7. 6(&(*% & * <" < . 6* 1 1 . % 7+'(*% &
+&" * " ? . " * ? . <"5. <&*% " (%6*% % . 6'(*% " I (' ? " ? . < . 1 5,*2 1 . % " * <" . 7)6+'(*% " + " ? . " 0* ,. . @ . a"
"

\$9"+% "(%7(B(7)+, "6*% ' . 1 5,+ . &" N. @(%% (%@" /" * <" (&" (%B*, B. 7" (%/" +& . 4)+, " * <" <* 1 +% '(6" < . , +(*% & ?(5" I (' ? "

./"N'C')+ -6*+%&)'"(,N'\$,6O')N6>)5-+(,6

<()'##'-&)'"(6

_\$%'(1(7+'(*%`(&'?'.)&. "9"(15,(.7"'?<.'+&'**B.<6* 1 . "+%("7(B(7)+,A&"9<. .7* 1 "9" I (,,"*6?*&." I ?.'?'<" *<" %*"' '*" 5+<'(6(5+'.' (" &.4)+, "+6'(B('2" *<" 5<*B(7." 6*%&.%'a" 0*%&.% "' *N'+(%.'7" N2" (%'(1(7+'(*%(&"*"'B+, (7a"

!"+/7'"(6

_0* .<6(*%`(&'?'.(15<*5.<")&. "9"5<.&&<." '*6* 15., "+%*?'<("7(B(7)+, "'*(('+'.' *<"6*%'(%). "&.4)+, "+6'(B('2"+@+(%&'?'+'("7(B(7)+,A&" I (,,"0*%&.% "'*N'+(%.'7"'?<*)@?'6* .<6(*%(&"*"'B+, (7a"

0* .<6(*%6+%("6,)7. "+ " I (7. "<+@. "9"N. ?+B(*&/"(6,)7(%@"(1(7+'(*%/" 1+%5),+ '(*/"'?<.'+&/'+%7" N,+6Y 1+(,a"H"5.<&*%A&" I *<7&" *<"6*%7)6""+<." &)99

c ? . ' ? . < ' ? . < . & 5 * % 7 . % ' < . + & * % + N , 2 " & ? *) , 7 " ? + B . " Y % * I % ' ? + ' ' ? . " 6 * 1 5 , + (% + % ' I + & " (% 6 + 5 + 6 (' + ' . 7 " I (, " N . " . B + ,) + ' . 7 ") & (% @ " + % * N b . 6 ' (B . < . + & * % + N , . " 5 . < & * % & ' + % 7 + < 7 a " > ? . " 9 + 6 ' ' ' ? + ' ' ' ? . < . & 5 * % 7 . % ' I + & " + 6 ') + , 2 ") % + I + < . " * 9 ' ' ? . " 6 * 1 5 , + (% + % ' A & " (% 6 + 5 + 6 (' 2 " (& " (< < . , . B + % ' ' ' * ' ' ? (& " + % + , 2 & (& / " 5 + < ' (6) , + < , 2 " I ? . < . " ' ? . < . & 5 * % 7 . % ' A & " 9 + (,) < . " ' * " + 5 5 < . 6 (+ ' . " ' ? . " 6 * 1 5 , + (% + % ' A & " (% 6 + 5 + 6 (' + ' (* % " < . &) , ' . 7 " 9 < * 1 " ' ? . " < . & 5 * % 7 . % ' A & " 9 + (,) < . " ' * " + Y . " < . + & * % + N , . " & ' . 5 & " ' * 7 . ' < 1 (% . " ' ? . " 6 * 1 5 , + (% + % ' A & " (% 6 + 5 + 6 (' + ' (* % " * < " I ? . < . " ' ? . < . & 5 * % 7 . % ' A & " * I % " (% 6 + 5 + 6 (' + ' (* % " \ 9 < * 1 " + , 6 * ? * , " * < " 7 <) @ &] " 6 +) & . 7 " ' ? . < . & 5 * % 7 . % ' ' * 1 (& b) 7 @ . " ' ? . " 6 * 1 5 , + (% + % ' A & " (% 6 + 5 + 6 (' 2 a " \$ " (& " ' ? . < . & 5 * % & (N (, (' 2 " * 9 . + 6 ? " 5 + < ' 2 " ' * N . " + I + < . " * 9 ' ' ? . " (% ' * 4 (6 + ' (* % " , . B . , " * 9 ' ' ? . " * ' ? . < 5 + < ' 2 " N . 9 * < . " . % @ + @ (% @ " (% & . 4) , " + 6 ' (B (' 2 a " \$ " @ . % . < + , / & . 4) , " + 6 ' (B (' 2 " I ? (, .) % 7 . < " ' ? . " (% 9 ,) . % 6 . " * 9 + , 6 * ? * , " * < " * ' ? . < 7 <) @ & ' 5 * & . & " + < (& Y " ' * + , " 5 + < ' (. & a " \$ 9 " ' ? . < . (& " + % 2 " 7 *) N " + & " ' * " ' ? . , . B . , " * < . 4 ' . % " * 9 " ' ? . " * ' ? . < (% 7 (B (7) + , A & " (% ' * 4 (6 + ' (* % " / " (" & " & + 9 . & " ' * " 9 * < @ * " * < 6 . + & . " + % 2 " & . 4) + , " 6 * % ' + 6 " * < + 6 ' (B (' 2 a " Z . (% @ " (% ' * 4 (6 + ' . 7 " N 2 " 7 <) @ & " * < + , 6 * ? * , (& " * " 7 . 9 . % & . " ' * + % 2 " B (* , + ' (* % " * 9 ' ? (& " G * , (6 2 " + % 7 " 7 * . & " % " * " 7 (1 (% (& ? " * % . A & " < . & 5 * % & (N (, (' 2 " ' * " N + (% " 6 * % & . % ' a "

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### 8. 'C, 6@k, 17&B31>7%1#", \$"#@D&E17%. /#, 17"1F	%k=>% . %16%/k

> ? . " 0 * , , @ . " (& " 6 * 1 1 (' . 7 " ' * " 5 < * ' . 6 ' (% @ " ' ? . " 5 < (B + 6 2 " * 9 " + , " (% 7 (B (7) + , & " (% B * , B . 7 " (" ' ? . " (% B . & ' (@ + ' (* % " + % 7 < . & * ,) ' (* % " * 9 < . 5 * < & ") % 7 . < " ' ? (& " G * , (6 2 a " > ? . " 0 * , , @ . " + , & * " (& " 6 * 1 1 (' . 7 " ' * " + & & (& ' (% @ " & ') 7 . % ' & / " . 1 5 , * 2 . . & / " + % 7 " ' ? (< 7 " 5 + < ' (. & " (% " 1 + Y (% @ " (% 9 * < 1 . 7 " 6 * ? * (6 . & a " c (' ? < . & 5 . 6 " ' * " + % 2 < . 5 * < ") % 7 . < " ' ? (& " G * , (6 2 " ' ? . " 0 * , , @ . " I (, " 1 + Y . " < . + & * % + N , . " . 9 9 * < & " ' * " 5 < * ' . 6 " ' ? . " 5 < (B + 6 2 " * 9 " 5 + < ' (6 (5 + % ' & / " (% " + 6 6 * < 7 + % 6 . " I (' ? + 5 5 , (6 + N , . " & ' + ' . " + % 7 " 9 . 7 . < + , " + I / " I ? (, " N + , + % 6 (% @ " ' ? . " % . . 7 " ' * " @ + ' ? . < (% 9 * < 1 + ' (* % " ' * " + Y . " & ' . 5 & " ' * " . , (1 (% + ' . " G < * ? (N (' . 7 " 0 * % 7) 6 " / " 5 < . B . % " (' & < . 6) < < . % 6 . / " + % 7 < . 1 . 7 2 " (' & " . 9 9 . 6 ' & a " H , , " 0 * , , @ . " . 1 5 , * 2 . . & " I ? * " + < . " (% B * , B . 7 " (" ' ? . " 0 * , , @ . A & " > (. " \$ E " < . & 5 * % & . " < . 6 . (B . " & 5 . 6 (9 (6 " (% & <) 6 ' (* % " + N *) " < . & 5 . 6 ' (% @ " + % 7 " & + 9 . @) + < 7 (% @ " 5 < (B + ' . " (% 9 * < 1 + ' (* % a " G < (B + 6 2 " + % 7 " 6 * % 9 (7 . % ' + , (' 2 " ? + B . " 7 (& ' (% 6 " 1 . + (% @ & ") % 7 . < " ' ? (& " G * , (6 2 a "

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_ G < (B + 6 2 " @ . % . < + , 2 " 1 . + % & " ' ? + " (% 9 * < 1 + ' (* % " < . , + ' . 7 " ' * " + < . 5 * < " * 9 " G < * ? (N (' . 7 " 0 * % 7) 6 " I (, " * % , 2 " N . " & ? + < . 7 " I (' ? " (% 7 (B (7) + , & " I ? * " _ . . 7 " ' * " Y % * I \ " (% " * < 7 . < " * " + & & (& " (" ' ? . " + & & . & & 1 . % ' / " (% B . & ' (@ + ' (* % / " * < " < . & * ,) ' (* % " * 9 " ' ? . < . 5 * < ' a " c ? (, . % " " N *) % 7 " N 2 " 6 * % 9 (7 . % ' + , (' 2 " ' ? . & . " (% 7 (B (7) + , & " I (, " N . " 7 (& 6 . . " + % 7 " < . & 5 . 6 " ' ? . " 5 < (B + 6 2 " * 9 " + , " (% 7 (B (7) + , & " (% B * , B . 7 " (" ' ? . " 5 < * 6 . & & a " > ? . " 5 < (B + 6 2 " * 9 " & ') 7 . % " . 7) 6 + ' (* % " < . 6 * < 7 & " I (, " N . " 5 < * ' . 6 ' . 7 " (% " + 6 6 * < 7 + % 6 . " I (' ? " ' ? . " L + 1 (, 2 " 3 7) 6 + ' (* % + , " C (@ ? ' & " + % 7 " G < (B + 6 2 " H 6 " \ _ L 3 C G H "] / " + & *) , (% . 7 " (" ' ? . " 0 * , , @ . A & " L 3 C G H " G * , (6 2 a " > ? . " 5 < (B + 6 2 " * 9 " + " (% 7 (B (7) + , A & " 1 . 7 (6 + , + % 7 < . , + ' . 7 < . 6 * < 7 & " 1 + 2 " N . " 5 < * ' . 6 ' . 7 " N 2 " ' ? . " O . + , ' ? " \$ % &) < + % 6 . " G * < ' + N (, (' 2 " + % 7 " H 6 6 *) % ' + N (, (' 2 " H 6 " \ _ O \$ G H H "] / " . 4 6 . 5 ' (% @ " ? . + , ' ? " < . 6 * < 7 & " 5 < * ' . 6 ' . 7 " N 2 " L 3 C G H " + % 7 " N 2 " ' ? . " 0 + , (9 * < (+ " 0 * % 9 (7 . % ' + , (' 2 " * 9 " Q . 7 (6 + , " \$ % 9 * < 1 + ' (* % " H 6 " \ _ 0 Q \$ H "] / " 0 + , a " 0 (B a " 0 * 7 . " 1 " F K a R F " . " & . X a " H 6 6 . & & " ' * " + % " . 1 5 , * 2 . . A & " 5 . < & * % . , " < . 6 * < 7 & " 1 + 2 " N . " < . & ' < (6 ' . 7 " N 2 " + 5 5 , (6 + N , . " 0 + , (9 * < (+ " + % 7 " 9 . 7 . < + , " + I a " c ? (, . " ' ? . < . " + < . " 6 . < ' + (% , (1 (' + ' (* % & " * % " 5 < (B + 6 2 " / " ? . " 0 * , , @ . " @ . % . < + , 2 " I (, " * % " < . , . + & . " ? . " % + 1 . & " * 9 " ' ? . " 6 * 1 5 , + (% + % " * < < . & 5 * % 7 . % " ' * " " ? . " @ . % . < + , 5) N , (6 " I (' ? *) " . 4 5 < . & & " I < (' . % " 6 * % & . % " * < + N & . % " + % * " ' ? . < . 4 6 . 5 ' (* % " 6 * % & (& ' . % " I (' ? " ' ? . " + I a " > ? . " < . , . + & . " * 9 " % + 1 . & " I (, " N . " @) (7 . 7 " N 2 " + 5 5 , (6 + N , . " + I / " (% 6 ,) 7 (% @ " ' ? . " L + 1 (, 2 " 3 7) 6 + ' (* % + , " C (@ ? ' & " + % 7 " G < (B + 6 2 " H 6 " \ _ L 3 C G H "] + % 7 " ' ? . " 0 , < 2 " H 6 ' a " \$ % " + 7 7 (' (* % / " % " (% 9 * < 1 + ' (* % " I (, " N . " < . , . + & . 7 " 9 < * 1 " + 5 < * 6 . 7 (% @ " ' * " . % 9 * < 6 . " ' ? (& " G * , (6 2 " . 4 6 . 5 " + & " < . X) (< . 7 " * < 5 . < 1 (' . 7 " N 2 " , + I " + % 7 " 0 * , , @ . " 5 * , (6 2 a "

! "(9'-+())'&%')06

_0*%9(7.%'+,('2`" @.%.<+,,2" 1 .+%&" '?+' (%9*<1+'(*%" &?+<.7" N2" +% (%7(B(7)+," I('?" 7.&(@%+'.7" 6+15)&"*<"6* 1 1)%'2"5<*9.&&(*%+,&"6+%%*"N."<.B.+,.7""*"+%2"*'?.<'(%7(B(7)+," I('?*')""?. ".45<.&&" 5.<1 (&&(*%" *9" '?." (%7(B(7)+,a">?." 6*%9(7.%'+,('2" *9" (%9*<1+'(*%" &?+<.7" N2" +% (%7(B(7)+," I('?" 7.&(@%+'.7"6+15)&"*<"6* 1 1)%'2"5<*9.&&(*%+,&"@.%.<+,,2"(&"@*B.<% .7"N2"0+,(9*<%(+,"+I/"(%6,)7(%@" 0+,(9*<%(+ 3B(7.%6." 0*7."<.&'<(6'(*%&" *%7(&6,*&)<."*9" (%9*<1+'(*%"N2" 1 .%'+," ?.+,'?" 5<*B(7.<&/" *<7+(% .7" 6, .<@2/" <+5." 6<(&(&" 6*)%&., *<&/" +%7" +' '*<% .2&/" +,, " *9" I ?* 1 " ?+B." ,. @+,,2" 5<*'.6'.7" 6*%9(7.%'+,('2a">?.&." (%7(B(7)+,&"<." 5<*?(N(' .7"9<* 1 "N<.+Y(%@"6*%9(7.%'+,('2")% ,.&&"'?.<." (&"+"

! ,L%M,6L	%2'F9#&,17&A#9%.&8+:S"6& I J ,. %1%/&HC%1#/&

G)N,(6+ I +<. %.&&" .B. % '&"&6?"& "_>+Y. "Z+6Y""?. "8(@?/'/"?."0,*'?.&,(% ."G<*b.6'/"6+%7,.,(@?"B(@,&/" 5<*'.&'&/"*<"*?'?.<9*<) 1&"(%" I?(6?"6* 1 1)%('2" 1. 1N.<&"7(&6,*&."(%6(7.% '&"*9'G<*?(N(' .7" 0*%7)6" 7*"%*'"(('%('+'.' ""?'."0*,,.@.A&">(',"\$E"*N,(@+'(%&/"(%6,)7(%@"('&"*N,(@+'(%*"'*'"(%B.&'(@+'.'<.5*<'&"*9 &.4)+,"?+<+&& 1. % ""*<'&.4)+,"B(*, .%6.a" J)6?" .B.% '&" 1+2/" ?* I .B.</"(%9*< 1 "'?'."% . .7"9*<"6+15)&: I(7." .7)6+'(%%+," +%7" 5<.B.%'(%%" .99*<'&/" +%7" '?." 0*,,.@." 1+2" (15,. 1.% "" N<*+7" 6* 1 1)%('2" (%('+'(B.&"(%<.&5*%&." ""* "&)"6?" .B.% '&" I ?.<." +55<*5<(+'.a"

==/6&3/+.%/& ; %G+ ".%7& : @& ! 9%&B\$% .@& I 6#&

; '#+%06 2 &/(' (8,6

H" _>(1 .,2" c +<%(%"@`" (&" + 6+15)&: I(7." %*'(9(6+'(%%" *9" +&.<(*)&" *<" 6*%'(%))(%@" '?<.+ "'*"'?." U66(7.% '+,"6* 1 1)%('2a">?.">(1 .,2" c +<%(%"@'7* .&"%*"'"(%6,)7."(7.% '(92(%@"(%9*< 1+'(%%" +N*)"'"?." 6* 15,+(%+% 'a"\$9"+<.5*<"*9" 1 (&6*%7)6"7(&6,*&.&+"6*%'(%))(%@"?'<.+""(%B* ,B(%@"*% ."*9"'?."&5.6(9(.7" _0, .<2"6<(1 .&" ""*""?."U66(7.% '+,"6* 1 1)%('2/"?'."0*,,.@." 1+2"(&&)." +6+15)& I(7." "(1 .,2" I +<%(%"@" \ I?(6?"6+%" +Y. ""?'."9*< 1 ""*9"+%". 1+(," ""*6+15)&]" ""*5<*'.6""?."?'.,?'* "<"+9.'2"*9""?."6* 1 1)%('2a"

E((5&6*+\$"/)'(86*+, \$"(.'C%')'+,6

H,,"?(@?<."7)6+'(%%"(%&'(')'(%&"'?'+'<.6.(B."9.7.<+,"9)%7(%@"'(%6,)7(%@"'?"0*,,.@./+<."*N,(@+' .7" '*"(&&)."5)N,(6,2"+% "H%%) , " J.6)<'2"C.5* <" _HJC`]" I?(6?"(7.% '(9(.&"'?'."%) 1N.<"*9"5<'(6),+< <.5*<'.7"6<(1 .&"*%"6+15)&"* <"6+15)&"5<*5.<'2/"* <"+7b+6.% ""*6+15)&"a">?."HJC"7* .&"%*"'"(%6,)7." (7.% '(92(%@"(%9*< 1+'(%%" +N*)"'"?."6* 15,+(%+% ""* <.&5*%7.% 'a"

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H,,"?(@?<."7)6+'(%%"(%&'(')'(%&"'?'+'?+B."6+15)&"5*,(6."9*<6.&"* <"&.6)<'2"7.5+<' 1 .% '&" 1)&" 1+(%'+(%"+7+(,2"6<(1 ., *@"'?'+'(%6,)7.&."% '<(&"9*<"+,"6<(1 .&"'?'+'*66)<" I('?(% "N*"'?'?." 0, .<2" @.*@<+5?2"+%7" '?. "6+15)&"+9.'2"9*<6.A&"<.@),+<"5+<*, "<*)'.a">?."6<(1 ., *@"'7* .&"%*"'"(%6,)7." (7.% '(92(%@"(%9*< 1+'(%%" +N*)"'"?."6* 15,+(%+% ""* <.&5*%7.% 'a"

R O

B, 0<+/&; %<3.#"1F&A<#"31/&

>?. "0*,,.@"&'<*&@,2". %6*)<+@.&'+,,("%7(B(7)+,&"*"'<.5*<'G<*&?(N(' .7"0*%7)6"'*"'?."0(B,"C(@?'&"+%7">(',\$E"U99(6.a"

! 'A"%6*'8N),6V6;')%+6<=6.399'7+6

O+%7,..&'6* 15,+(% '&"*9"G<*&?(N(' .7"0*%7)6"' +@+(%&'"+%2"(%7(B(7)+,i" I *<Y&" I ('?'*?' .<"*99(6.&"*%:6+15)&" +&" +55<*5<(+'. " '*" 5<*B(7. "&)55*<'(B. " (%'.<(1" 1 .+&)<.&/" I ?(6?" 1+2" (%6,)7. "6?+%@.&"(%"?*)&(%@/" +6+7. 1(6"9,.4(N,('2"/+%7"%*:6*%' +6"7(<.6'(B.&/" +1 *%@"*?' .<" 1 .+&)<.&a"

H%2". 15,*2.." 1+2"5)<&)." +%2"6?+<@." *9"7(&6<(1(%+'(*%"*<" ?+<+&& 1 .%" I('?''. "9.7.<+,"

0+, (9* < % (+, + I a > ? . " 0* , , . @ . " I (, , + && (& " + " 6* 1 5 , + (% + % " " % 1 + Y (% @ + " 6 < (1 (% + , < . 5* < " + % 7 " 6* * 5 . < + ' . " I (' ? , + I " . % 9* < 6 . 1 . % " + @ . % 6 (. & " (9 " + " 6* 1 5 , + (% + % " " 7 . 6 (7 . & " " * 5) < &) . " " ? . " 6 < (1 (% + , " 5 < * 6 . && " " " ? . " . 4 ' . % " 5 . < 1 (' . 7 " N 2 " , + I a > ? . " 0* , , . @ . A & " G* , (6 2 / " 7 . 9 (% (' * % & / " + % 7 " N) < 7 . % " * 9 " 5 < * * 9 " 1 + 2 " 7 (9 9 . < " 9 < * 1 " 0 + , (9* < % (+ " 6 < (1 (% + , , + I a " H " 6* 1 5 , + (% + % " " 1 + 2 " & . . Y " < . 6*) < & . ") % 7 . < " " ? (& " G* , (6 2 " + % 7 g * < " 5) < &) . " 6 < (1 (% + , + 6 ' (* % a " 8 . (' ? . < , + I " . % 9* < 6 . 1 . % ' A & " 7 . ' . < 1 (% + ' (* % " I ? . ' ? . < " * < " % " " * " 5 < * & . 6) ' . " + < . & 5 * % 7 . % ' / " % * < " ? . " *) ' 6 * 1 . " * 9 " + % 2 " 6 < (1 (% + , " 5 < * & . 6) (* % / " + < . 7 . ' . < 1 (% + ' (B . " * 9 " I ? . ' ? . < " + " B (* , + ' (* % " * 9 " ' ? (& " G* , (6 2 " ? + & * 6 6) < < . 7 a " " "

G < * 6 . . 7 (% @ & ") % 7 . < " " ? (& " G* , (6 2 " 1 + 2 " N . " 6 + < < (. 7 " *) " " 5 < (* " " * / " & (1) , ' + % . *) & , 2 " I (' ? " " * < 9* , , * I (% @ " 6 (B (, * < " 6 < (1 (% + , " 5 < * 6 . . 7 (% @ & " * 9 9 " 6 + 1 5) & a " > ? . " 0* , , . @ . " 1 + 2 " % * " " 7 . , + 2 " 6 * % 7) 6 ' (% @ " (' & * " I % " (% B . & ' (@ + ' (* % ") % , . && " 5 . 6 (9 (6 + , , 2 " < . X) . & ' . 7 " N 2 " " ? . " , + I " . % 9* < 6 . 1 . % " \ . a @ a / " m H G ; j a " \$ % " " ? . " . B . % " " * 9 &) 6 ? " + & 5 . 6 (9 (6 < . X) & ' / " ' ? . " 0* , , . @ . " I (, , " 7 . 9 . < " (' & " (% B . & ' (@ + ' (* % " * % , 2 " 7) < (% @ " ' ? . " (1 . " ' ? + " , + I " . % 9* < 6 . 1 . % " (& " @ + ' ? . < (% @ " . B (7 . % 6 . / " I ? (6 ? " & ? *) , 7 " % * " " . 4 6 . 7 " ' . % " 7 + 2 & " + N & . % " " . 4 ' . %) + ' (% @ " 6 (< 6) 1 & ' + % 6 . & a " > ? . " 0* , , . @ . " I (, , % . B . < ' ? . , . && " 6 * 1 1) % (6 + ' . " I (' ? " " ? . " 6 * 1 5 , + (% + % " " + % 7 " < . & 5 * % 7 . % " " \ (9 " + 5 5 < * 5 < (+ ' .] " < . @ + < 7 (% @ " > (' . " \$ E " < (@ ? ' & " 5 < * 6 . 7) < + , " * 5 ' (* % & / " + % 7 " ' ? . " (1 5 , . 1 . % ' + ' (* % " * 9 &) 5 5 * < (B . " 1 . + &) < . & " " * + &&) < . & + 9 . ' 2 " + % 7 " I . , , : " N . (% @ a " > ? . " 0* , , . @ . " I (, , " 5 < * 1 5 ' , 2 " < . &) 1 . " 9 + 6 ' : @ + ' ? . < (% @ " + & " & * * % " + & " (" (& " (% 9 * < 1 . 7 " ' ? + " , + I " . % 9* < 6 . 1 . % " " ? + & " 6 * 1 5 , . ' . 7 " (' & " (' (+ , (% B . & ' (@ + ' (* % a " "

Q&%, +6*+\$"/),6

> ? . " 0* , , . @ . " + Y . & " " ? . " + 6 6) < + 6 2 " * 9 " (% 9 * < 1 + ' (* % " B . < 2 " & . < (*) & , 2 / " + & " + < . 5 * < " * 9 " G < * ? (N (' . 7 " 0 * % 7) 6 " 1 + 2 " ? + B . " & . B . < . " 6 * % & . X) . % 6 . & a " H " @ * * 7 : 9 + (' ? " 6 * 1 5 , + (" " " ? + " " < . &) , ' & " (% " + " 9 (% 7 (% @ " * 9 " % " " < . & 5 * % & (N , . " (& " * " " 6 * % & (7 . < . 7 " + " 9 + , & . " * < " 9 + N < (6 + ' . 7 " < . 5 * < " * 9 " G < * ? (N (' . 7 " 0 * % 7) 6 ' a " 3 + 6 ? " 5 + < ' 2 " + % 7 " . B . < 2 " I (' % . && " (& " . 4 5 . 6 ' . 7 " ' * " 5 < * B (7 . " ' <) ' ? 9) , " (% 9 * < 1 + ' (* % " " * " ' ? . " \$ % B . & ' (@ + ' * < / " O . + < (% @ " U 9 9 (6 . < / " + % 7 " H 5 5 . + , & " U 9 9 (6 . < a " J ? *) , 7 " + % 2 " 5 + < ' 2 " " * < " + " I (' % . && " 5 < * B (7 . " Y % * I (% @ , 2 " 9 + , & . " (% 9 * < 1 + ' (* % " + & " 5 + < " * 9 " " ? (& " 5 < * 6 . && / " ' ? (& " 1 + 2 " N . " 6 * % & (7 . < . 7 " + " B (* , + ' (* % " * 9 " 0 * , , . @ . " 5 * , (6 . & " + % 7 " I (, , N . " < . 9 . < < . 7 " " * " " ? . " + 5 5 < * 5 < (+ ' . " * 9 9 (6 . " 9 * < 9) < ' ? . < " ? + % 7 , (% @ a " \$ " (& " + " B (* , + ' (* % " * 9 " " ? . " 0 * 7 . " * 9 " J ') 7 . % " " 0 * % 7) 6 " " * " 1 + Y . " + % (% ' . % ' (* % + , , 2 " 9 + , & . " < . 5 * < " * 9 " + % 2 " 5 * , (6 2 " B (* , + ' (* % / " + % 7 " (" 1 + 2 " + , & * " B (* , + ' . & ' + ' . " 6 < (1 (% + , & ' + ') ' . & " + % 7 " 6 (B (, 7 . 9 + 1 + ' (* % " , + I & a " "

*+\$"/),6<(A""A'(86R'("/,6"/6>5,\$+7)+-6!N%-6EC5,+6

f \$9"?.<."(&"%*(1 1 .7(+'. "7+%@.</"6*%' +6'"?'."0?(,7G<*'.6'(*%"O*',(%. "#=?*)<&" +7+2/"M"7+2&
+ " I . . Y/" + "\PRR]"F=R:=RRRa"\$9"6+,(%@"9<* 1 "*")' &(7. "*9"0+, (9*<%(+/"6+,, "\#!S]"KS[:]=FRRa"

H%2"U66(7.%'+, . 15,*2.. " I ?*(("&+,&*+"6*%9(7.%'+, . 15,*2.. "\9*<".4+15,./+"?'<+5(&/'&.4)+,
+&&+),"B(6'(1 "+7B*6+'./"5?2&(6(+%"]"+%7" I ?* I +&"?(<.7"(% '*"'?+' "6*%9(7.%'+, "<*,. "&?*) ,7"<.5*<"
&)&5.6'.7"6?(,7"+N)&. "*" <%. @, .6"'*"+ I ". %9*<6. 1 . %'+%7g*<"?' . "m*&"H%@., .&"0*)% '2" ; .5+<' 1 . %"
*9"0?(,7"+%7"L+1 (,2"J.<B(6.&"N)" " I *),7%"*"' 1 +Y. "+%2"&)6?"<.5*<' '*"'?' . "0(B,("C(@?'&"D">(' . "\$E"
0**<7(%+'*<"*"'?' . " ; (<.6'*<*"9"0+15)&"J+9. '2a"

M R

W5*% "<.6.(5'"*9"+<.5*<'/'?' . "0*,, .@. " I (, "5<*B(7. "<.+&*%+N, . "+%7"+55<*5<(+' . "&)55*<'(B. " 1 . +&)<.&
7.&(@%.7" '*" 5<.&.<B. " .X)+, "+66.&&' '*"'?' . "0*,, .@. A&" 5<*@<+1 &" +%7" +6'(B('.&/' +%7" '*" 5<*'.6"'?' . "
5+<'(.&"(%B*,B.7a">?' . "0*,, .@. " I (, " 1 +Y. "<.+&*%+N, . ".99*<'&" '*" 6* 1 1)%(6+' . " I ('?' '?' . "5+<'(.&" '*"
. %&)<.'?' + "+,, "&+9. '2/" . 1 *'(*%+, "+%7"5?2&(6+, " I . , :N. (%@"6*%6.<%&"+<. "N. (%@"+77<.&&.7a"J)55*<'(B. "
1 . +&)<.&" 1 +2" N. " (15*&.7" <.@+<7, .&&" *9" I ?.'?'<."9*<1 +, "7(&6(5,(%+<2" +6'(*%" (&" &*)@?' "N2" '?' . "

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B, .%&, 17&) + << 3. #& ; % / 3 + . 6% / & > 3. & B 3 0 < \$, " 1, 1# / &, 17& ; % / < 3 1 7 % 1 # / &
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U66(7.%'+,"0*,,.@.A&"3 15,*2.."H&&(&'+%6."G<*@<+ 1 "\3HG]"(&"7.&(@%.7"'*"?.,5" 1+4(1(d." . 15,*2..&A"?.,'?'+%7".99.6'(B.%.&&+"'"?*" 1."+%7+" I*<Ya"H7 1(%(&'.<.7"N2"HN,('2"H&&(&" N2"O+<'9*<7/"'?"3HG"*99.<&". 15,*2..&'6*%9(7.%'+,/"5.<&*%+, "&)55*<'9*<'+ " I(7."<+@."*9" (&&).&/"9<* 1 ".B.<27+2"6*%6.<%&""*"&.<(*)&"5<*N,. 1 &a">?. "3 15,*2.."H&&(&'+%6."G<*@<+ 1"(& +B+(, +N,.""*". 15,*2..&"+%7"'?.(<"9+ 1(,2" 1 . 1 N.<&"+'%*"6*&'a"

B31>"7%1#", \$& 5 %7"6, \$& ; %/3+.6%/&

'1& B, \$">3.1", Pk 0 %7"6, \$& <.3C"7%./& J93& #.%, #& , & <9@/"6, \$& "1Q+. @& /+/#, "1%7& >.30& , 1& , //, +\$#P& <9@/"6, \$& 3.& /%*+, \$P& , .%& .%G+".%7& : @& /#, #%& \$, J& #3& .%<3.#& #9%& , //, +\$#& #3& \$, J& %1>3.6% 0%1#&& O* I .B.</"'?. "5+'(.% "'?+&'?'<(@?' "'*"<.X) .& "'?'+'+'&)<B(B*"+7B*6+' .N."5<.&.% "' I? .% "'?. "5+'(.% "' &5.+Y&" I ('?', +I" .%9* <6. 1 .% "'+%7"'*"<.X) .& "'?'+'+'&)+I" .%9* <6. 1 .% "'%*"5)<)&)." +6<(1 (%+, "6?+<@." + "'?'+'+' (1 .a" L)<'?'</"'?. "7(&6,*&)<." *9" 5<(B+' . (%9* <1+'(*%" 6*%"'+(% .7" (% " 1 *&" " 1 .7(6+, "<.6* <7&" (& @.% .<+, ,2"5<*'. 6'. 7"N2"O\$GHH/" +%7"6* 1 1) (%'2" 1 .7(6+, "5<*B(7.<&" I(, "%*"%"%'(92"'?. "0*, ,. @. a"

R3.%1/"6&%"* , 0 "1, #31/D" j)+, (9(.7" 5<*B(7.<&" 6+% "5<*B(7." + "9* <.%&(6" .4+ 1 (%+'(*%a">?. "9* <.%&(6" 1 .7(6+, ".4+ 1 "'?+&"' I *"@*+, &V"9(<&'/"' *7(+@%*&." +%7" '<.+ "'?' . "9) , , .4'. % "'*9"+%2"(%b)<2"*<'5?2&(6+, ".99.6" "\(%6,) 7(%@ " 5<.B.%'(*%" *9" &.4)+, ,2" '<+%& 1 ('.7" (, ,% .&&.&"+%7" 5<.@%+%62]" +%7" &.6*%7/" '*" 5<*5.<, 2"6* , ,.6" +%7" 5<.&.<B." .B(7.%6.a">?<.&)" (&"+, (1 ('.7" I(%7* I " *9" '(1 .\ I ('? (% [K" ?*)<&]" 9* , , I (%@ "+" (%6(7.% "'*9&.4)+, "+&&+), "'*5<.&.<B."5?2&(6+, "+%7"*'?. <"9* <1 &"*9".B(7.%6."/+, '?*)@?" (' 1+2"N."5* &&(N. . "'* "N'+(% ".B(7.%6."9* 1 " * I ., &/"&?. ' &/"6,*'?.&/" +%7"*'?.<' ('. 1 &"9* <." *%@.<" 5.<(*7&"*9" (1 .a "\$" (&N.& "'*"+@+'?<." .B(7.%6."5<(*<"* I +&? (%@ "+"5.<&*%A&N*72"*<6?+@ (%@ "6, '*? (%@ a" \$9)6,*'?. &?"?+B."N. .%6?+@. 7/"'?. "6,*'?. & I *%<+"+'?' . "(1 ."9"?' . (%6(7.% "'&?*) , 7"N."N<*)@?' "'*"'? . ".4+ 1 (%+'(*% ("+"6, .+%/&+ (%'+<2"6*%"'+ (%.< &)6?"+&"5+5.<"N+@*"< I +<55.7" (%+"6, .+%"&?. 'a" ; *%*"")&." +5,+&'(6"N+@V"5,+&'(6"6*%"'+ (%.< &7"*%*"N<.+?' . "+%7" 1+2<.%7.<."B(7.%6.)&., &&a" H'6?+@. " *9" 6,*'?(%@ "&?*) , 7"+, &*N."N<*)@?' "'*"'? ."?* &5(+, /+&"'?. "6,*'?. & I *%<+"+'?' . "(1 ."9"?' . (%6(7.% "' I (, , (Y., 2"N."Y.5" +&" .B(7.%6.a">+Y(%@ "'?. "&' .5&"*"+@+'?<." .B(7.%6." (1 1 .7(+ ., 2"7* .&"*%"6* 1 1 ("+" (%7(B(7)+, "'*"+%2"5<(6), +<"6*)<&." *9"+6'(*%a">?. "7.6&(*%*" *%&. Y" (1 ., 2" 1 .7(6+, '+'. %'(*%"+%7" @+'?<.+%2" .B(7.%6." I (, , "5<.&.<B."?' . "9) , , "<+@. " *9"*5'(*%&" *%&. Y"<.&*,)'(*%")%7.<"'?' (&"G*, (62"*<'?'<*)@?'?' . "5)<)&)" ("*9"6<(1 (%+, "5<*&.6)'(*%"+%7" 1+2"N."?' . ,59), (%*"N'+(% (%@ "5<*'. 6'(B."* <7.<&a"

>+4("B*)6? .<&"<." +B(+, +N, . "+ "G<*b.6" JHL3/"0+ 15)&" J+9. '2/"3 1 1 *%&" J')7.% "' c ., ,% .&&0.%'<"+%7" C.&(7.%' (+, "37)6+'(*%"+%7" O*)& (%@ " J.<B(6.&" *5<*B(7."9<." '<+%&5* <+'(*%*" *% , *6+, " 1 .7(6+, "6.%' .<&a">?. " J)<B(B* "<H7B*6+' . (&"+, &*"+B(+, +N, . " *"+66* 15+%2" &)<B(B* "<&" *"+66.&&" *99:6+ 15)&" <.&*)<6.&a">?. "9* , , * I (%@ "'?'<." *99:6+ 15)&" 1 .7(6+, "6.%' .<&"<." +, , "7.&(@%+ ".7"N2"m*&" H%@., .&" 0*)%2"&" J.4)+, "H&&+), "C.&5*%&." >.+ 1 "_JHC>`]" 0.%' .<&a" c ?(, . "'?. "&5.6(9(6" 5<*6.&&" +%7" <.&*)<6.&" .+6?" JHC>" 0.%' .< " *99.<&" 1+2" B+<2/" @.% .<+, ,2" .+6?" JHC>" 0.%' .< " I (, , "5<*B(7." +% (1 1 .7(+ ./" B(6'(1 :6.%' .<.7" <.&5*%&." 9* , , * I (%@ " +% ((%6(7.% "' *9" &.4)+, "+&&+), '/' (%6,) 7(%@ " 6* , , +N* <+' (%@ "N.' I .% "'?' ."?* &5(+, /+I" .%9* <6. 1 .% "'+@.%6(.&/" +%7" &.4)+, "+&&+), "6*)%&., * <&" *5<*B(7."6* 15<."? .%&(B." "<.+ ' 1 .% "'*5'(*%&a"

>&(6L&C/' +%6G&%%+06R+- '7&%6!+ (+)/6

m*&"H%@.,.&/"0+,(9*<%(+"[RRSS"
\S#S]##K:S[K!"

*&\$+6;/+&)#+()!+()+/6&)>&()&6R"('7&4W! SE6R+- '7&%6!+()+/6

G<*B(7.&"6* 15<?.%&(B./"9<." '<.+ '1 .%"9*<"&.4)+,"+&&+),"&<B(B*<&/"(%6,)7(%@"#="?*)<
.1.<@.%62" 1.7(6+," 6+<." +%7" 9*<.%&(6" .4+1 &" 5.<9*<1.7" N2" J.4)+," H&&+)," 8)<&."
34+1 (%.<&/"6*)%&.,(%@"+%7"5&26?*'?'<.+52/" +7B*6+62/" +%7"+66* 15+(1 .%"&.<B(6.&a"m*&
H%@.,.&"0*)% '2"7.&(@%+' .7"JHC>"

!&%9"/('&62 "#+(Y,6S&O6!+()+6T! 2 S! U6

>?. " 0 c m 0"?+&"+'*%<.2&" +B+(,+N,. " '*&.<B. "+&" +<.&*)<6.g+7B(&*<" '*U66(7.%'+," 0*,,.@. " 6* 1 5,+(%+% '&/' (%6,)7(%@" N*'?" 1 .%"+%7" I * 1 .%/ " I ?*" +<. " 9(,%@" >(',. "\$E" &.4)+," +&&+),'/ ?+<+&& 1 .%/'*%<"@.%7.<"7(&6<(1(%+'(%%"6* 1 5,+(% '&"+%7"@*(%@"?<*)@?'"?. "U66(7.%'+," 0*,,.@. " <.&*,)'(%%"5<*6.&&a"pG,.+&.%*%'./'?* I .B.<"?+""?. "0*,,.@. "7*.&"%*"%.%7*<&."*%<.6* 1 1 .%7" '?(&" *<@+%(d+'(%%" *%<" '?.<"+' '*%<.2&]"/ +%7" '?+""?. " *<@+%(d+'(%%" 1+Y.&" +% "(%7.5.%7.%" 7.6(&(%%" +N*)""?. "6+&.&"?'+"(" I (, "+66.5"+%7"?'." <1 &"*9"?'." <.5<.&.%'+(%%"a" SKR" 8*%<'?G+6(9(6"0*+&"O(@? I +2"/J)('."#RMR/"3,"J.@)%7*"/"0H" [R#=#F" ?'5&Vgg I I I a6 I,6a*%<@g" \S#S]"[F!;!R=!"

O R O

>?. " 0*,,.@. "(&"6* 1 1 ('.7"*"5<*B(7(%@"+5<* 1 5'/"?'*%<*)@?"/.X)(' +N,./"+%7"(15+<'(+,<.&*,)'(%%"*9" +,,<.5*%<'7" B(*,+('(%&" *9" '?(&" G*(,62a" >?. " 0*,,.@. ")&.&" ' I *" 5<*6.&&.&" '*%<.&*,B. " <.5*%<'&" *9" G<*?(N('7" 0*%7)6"")%7.<"'(&" G*(,62V" ; (&6(5,(%+<2" C.&*,)'(%%" /" I ?(6?"(%B*,B.&+"% "(%B.&'(@+'(%%" +%7"+7b)7(6+'(%%" /"+%7"(9"+55<*5<(+'./'"?."(15*(&'(%%"*9"&+%6'(%&"/"+%7"H7+5+N,."C.&*,)'(%%" /" I ?(6?" (%6,)7.&"<.&'*%<+'(B. " *5'(%&"9*%<.<.&*,B(%@"<.5*%<'&a">?. " 0(B,"C(@?'&"D">(', "\$E" 0**<7(%+'*%<" I (, " 7.'<1 (%. "'?'." +55<*5<(+'. "<.&*,)'(%%" 5<*6.&&" +9'.< 1+Y(%@" +% "(('(+," +&&.&& 1 .%'" *9"?'." <.5*%<'7" (%9*%< 1+'(%%" /" 6*%&(7.<(%@" '?'." &'+'7" (%. '<.&'&" *9"?'." 5+<'(.&/" 6+ 1 5)&" &+9.'2"/ +%7" '?'." 0*,,.@. A&" *N,(@+'(%%" *% 1 +(%+'(%%" .%B(<*% 1 .%""9<. ."9<* 1 " ?+&+&& 1 .%'" +%7"7(&6<(1 (%+'(%%"a" "

>?. "5<*6.&&.&)"%7.<"'?(&"G*(,62"+<.&.5+<+'. "+%7"00050250 - 789T0* - 630.291.2(5+)0.2(<.)00.2((") - 80

'?+/'" I ? . % + " 6 < (1 . " 1 + 2 " ? + B . " * 6 6) << . 7 / " ' ? . 2 " ? + B . " ' ? . " < (@ ? " ' * " < . 5 * < " ' ? . " 1 + ' ' . < " ' * " , + I " . % 9 * < 6 . 1 . % ' i "
' ? . " < (@ ? " ' * " & . . Y " 1 . 7 (6 + , " < . + ' 1 . % ' i "
' ? . " 0 * , , . @ . A & " (% B . & ' (@ + ' (* % " 5 < * 6 . 7) < . & i "
5 * ' . % ' (+ , (% ' . < (1 " 1 . + &) < . & " ' ? + " + < . " + B + (, + N , . i "
' ? . " (1 5 * < ' + % 6 . " * 9 " 5 < . & . < B (% @ " . B (7 . % 6 . i "
+ " < . X) . & " ' 9 * < " ' ? . " 6 * 1 5 , + (% + % " ' * " 1 . . " I (' ? " ' ? . " 0 (B (, " C (@ ? ' & " D " > (' , . " \$ E " U 9 9 (6 . " ' * " 7 (& 6) & & " * 5 ' (* % & " 9 * < " < . & 5 * % 7 (% @ " ' * " ' ? . " < . 5 * < ' i " "
' ? . " < (@ ? " ' * " N . " + 6 6 * 1 5 + % (. 7 " N 2 " + % " + 7 B (& * < " * 9 " 6 ? * (6 . i " + % 7 "
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H & " 5 + < " * 9 " ' ? . " (% (' (+ , + & & . & & 1 . % ' / " ' ? . " 0 (B (, " C (@ ? ' & " D " > (' , . " \$ E " U 9 9 (6 . " I (, , V " "

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f 6 * 1 1) % (6 + ' . " % . 6 . & & + < 2 " 7 . ' + (, & " * 9 " ' ? . " < . 5 * < " ' * " 0 + 1 5) & " J + 9 . ' 2 " * " . % ' . < " ' ? . " < . 5 * < " (% ' * " ' ? . " 0 * , , . @ . A & " 7 + (, 2 " 6 < (1 . , * @ " (9 " < . X) (< . 7 " N 2 " ' ? . " 0 , . < 2 " H 6 ' i " " " "

f

f

- f H"6* 15,+(%+% "%*(9(. &""?. "0(B("C(@?'&"D">(',\$E"0**<7(%+'*<(" I<('(%@"'?'+"''?. 2" I *),7" , (Y. ""*" I ('?7<+ I ""?. "9*<1 +,"6* 15,+(%""*<"+%2"+,, . @+'(%%&""?<.(%i"
- f >?. "&5*%7.% ""(&"%*",*%@.<". %<*,,. 7"*<". 15,*2.7"N2""?. "0*,, . @. i"*<"
- f J5.6(9(6"6(<6) 1 &' +%6. &"5<. B. % ""'?. "0*,, . @. "9<* 1 "@+'?<(%@" . B(7. %6. "&)99(6(. % ""'*<. +6?" + 7. ' .<1 (%+'(%%"+&""*""?. "9*<1 +,"6* 15,+(%""*<"+,, . @+'(%%&""?<.(%a"

"
 \$9"+"9*<1 +,"6* 15,+(% ""(&"7(& 1 (&&.7"N2""?. "0*,, . @. ")%7.<""?. "6(<6) 1 &' +%6. &"7. &6<(N.7"+N*B. /"?' . " 0*,, . @. " I (,,"&(1) ,'+% . *)&,2"5<*B(7. ""*""?. "5+<(' . &" I<(' . % "%*' (6. ""9""?. "7(& 1 (&&+, "+%7""?. "<. +&*%& 9*<""?. "7(& 1 (&&+, /"+%7""*'(6. ""9""?. "5+<(' . &A""55*<')%('2""*"+55. +,"&)6?"7(& 1 (&&+, ""?<*) @?"'?. "+55. +," 5<*6.7)<.&"*)', (%. 7"(% "[H55.%7\(4" ^ a](#)"

R3. 0 , \$B30 <\$, "1#/k) "F1%7& : @&B"C"\$& ; "F9#/ &S &! "#\$%&' (&B33.7"1, #3.&

\$% " 6+&. &" I ?< . " (' +55. +<&" N+&. 7" *% " +%" (%(' (+, "<. 5* <"" '? +""' ? . " . ,. 1 . % '&' &' +'. 7" +N*B. " I *), 7" N. " &+' (&9(. 7/"N) ""'?. "6* 15,+(%+% ""7* . &"%*" I (&?" ""9(. , "+9*<1 +,"6* 15,+(% /"?' . "0(B("C(@?'&"

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f ?* I ""* "& .<B. (1 5+<'(+,2/"(%6,)7(%@"N2"+B*(7(%@"5<.b)7@ 1 .%"*9""?. "9+6'&"+'("&&)./"6*%9,(6'&" *9"(%' .<.&'/"+%7"N(+&i"+%7"

f (&&).&" *9"<.,.B+%6. " *9" X) .&'(%&"+%7" .B(7.%6."/ "(%6,)7(%@" I ? .%" X) .&'(%&"+%7" .B(7.%6. " +N*) """? . "6* 1 5,+(%+% 'A&"&.4)+, "5<.7(&5*&'(%%"* "<5<(*<"&.4)+, "N. ?+B(*<"+<. "%*" "<.,.B+% 'a"

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- f H%*"B.<B(. I "9"'?. "5<*6.7)<+,"*5'(*%&"+%7"5<*6.&&/"(%6,)7(%@"H7+5'+N,."C.&*,)'(*%"+%7"
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- f 345,+(%'?'+'?'."&')7.%'"'+&"+<(@?''"'+%"+7B(&*<"*9"'?. (<"6?*(6."7)<(%@"'?'."5<*6.&&"+%7"
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- f >?. "0*,,@.A&"6*?*,+%7"7<)"@+1%.&'2"5*,(62a"
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>?. "\$%B.&'(@+'*<" I(,,"(%'.<B(. I "+,,"5+<'(.&"%7"<.,.B+% I('%.&&.&"%7"@+'?.<"7*6)1.%'+<2".B(7.%6."
5<*B(7.7"N2"'?. "5+<'(.&"%7"+%2"(7.%'(9.7" I('%.&&.&a">?. "\$%B.&'(@+'*<" I(,,"5<.5+<."+&")11+<2"*9"
.+6?)"(%'.<B(. I "_%\$'.<B(. I "J)11+<2"]a">?. "\$%B.&'(@+'*<" I(,,"&?+<."?'?. "\$%'.<B(. I "J)11+<2" I('?"
'?. "(%'.<B(. I ..a">?. "(%'.<B(. I .." I(,,"?+B."?'<." \S]N)&(%.&&"7+2&"*55*%<)'(2'"*6*%<.6'"*"
6*111.%'"*%"+%2"&'+'.'1.%&"1+7."(%"'?. "\$%'.<B(. I "J)11+<2a">?. "7.+7,(%."1+2"N.".4'.%7.7"9*%<
@**7(6+)&./")5*%<.X).&"*"'?. "\$%B.&'(@+'*<a"\$9"'?. "(%'.<B(. I .."?+&"*6*%<.6'(*%&"*"/*%<'6*111.%&"
%"/'?. "\$%'.<B(. I "J)11+<2/"'?. "(%'.<B(. I .." I(,,"&(@%"+%"+6Y% I,."7@.1.%'"'+&""?."(%'.<B(. I .."
?+&'<.B(. I .7"+%7"+@<..&"'+&""?."\$%'.<B(. I "J)11+<2"(&"66)<+'.'a"\$9"'?. "(%'.<B(. I .."?+&"6*%<.6'(*%&"
*<'6*111.%&"*"'?. "\$%'.<B(. I "J)11+<2/"'?. "(%'.<B(. I .."1+2"&)N1('+" I<'%.%<.&5*%&." I('?(%
'?<.. "7+2&"<.9,.6'(%@"+%2"+77('(*%&"*%<6?+%@.&" I?(6?)"'?. "(%'.<B(. I .."N.,(.B.&"+<.%6.&&+<2"'*"
.%&)<."?'."+66)<+62"*9"'?. "(%'.<B(. I ..A&"&'+'.'1.%'a"\$9%*%<.&5*%&."(&"<.6.(B.7"9<*1"'?. "(%'.<B(. I .."
N2"'?. "7.+7,(%"/'?. (<\$%'.<B(. I "J)11+<2"1+2"N."(%6,)7.7"(%"'?. "

"

\$%B.&'(@+'*<"7.'.<1(%.&""?+""?."G<.,(1(%+<2"\$%B.&'(@+'(*%"(&"6*15,.'./'"?."\$%B.&'(@+'*<"I(,,"&)N1("'
'?."\$%B.&'(@+'(*%"C.5*<'"

O.<+<(%@U99(6.< I(,,"6*%7)6'"", (B."?. +<(%@/"+" I?(6?"?. 2 I(,,"5.< 1 ("(%7(<. 6"6<*%&&:. 4+ 1 (%+'(%% *9" '?. " 5+<'(. &"+%7" I('%. &&. &a" L* <" 5)<5*%&. &" *9" '?(&" G*, (62/" '?. " .< 1 "\$%7(<. 6" 0<*%&&: 34+ 1 (%+'(%% 1 .+%&"?. "O.<+<(%@U99(6.< I(,,"+,, * I"?. "5+<'(. &"+%7g* <"?. (<+7B(&* <&"*%&") N 1 ("5<*5*%&. 7"X). &'(%%& 9* <"?. " 5+<'(. &"+%7" I('%. &&. &"/+& I .,," +&"9*,, * I :.) 5"X). &'(%%&"N+&. 7"*%". &'(1 *%2"5<*B(7. 7"7)<(%@ '?. "?. +<(%@a">?. "O.<+<(%@U99(6.< I(,,"+&Y"?. "5+<'(. &"+%7" I('%. &&. &"?. "5<*5*%&. 7"X). &'(%%&"?+"? ". " O.<+<(%@U99(6.< 7'.< 1 (%. &"+<. "6*%&&(&'%. " I ('?'?(&" G*, (62"+%7"+<. "5<*N+(B." *9"9+6'&"<., . B+% "' *' ? ". "+7b) 7(6+'(%% *%9"?. " 1+' .<a">?. "O.<+<(%@U99(6.< 1+2"<. 9)&. "'*"+,, * I "X). &'(%%&"?+"?+. ")%7), 2 ?+<+&&(%@" * <"?+"&. . Y"(%9* < 1+'(%% "'?+"(&" *% "<., . B+% ")%7.<"?(&" G*, (62a"

>?. "O.<+<(%@U99(6.< (&"<. &5*%&(N,. "9* <" 1+(%'+(%(%@"+"*%<7.<. 2"/9+(<"+%7"<. &5. 6'9), "?. +<(%@"+"%7"?+& N<*+7"+) ' ?* <" 2"'* "<. &5*%7"'*7(&<) 5'(B." * <"?+<+&&(%@"N. ?+B(*<&/"(%6,) 7(%@"+7b*) <(%@"? ". ?+. +<(%@" * <" .46,) 7(%@" '?. " *9%. 9%7(%@" 5.<&*%a" G+<'(. &" 1+2" 1+Y. "<. X). &'&" '*"'? ". 0(B(," C(@?'&" D">('., "\$E" 0**<7(%+'* <"<., '+. 7"'*"'?. "9* < 1+'* <"? ". %+"<." *9"?. (<5+<'(6(5+'(%% "(%""? ". ?+. +<(%@a">?. "O(B(," C(@?'&" D">('., "\$E" 0**<7(%+'* <" I(,," I * <Y" I ('?'? ". O.<+<(%@U99(6.< "*" +66* 1 1 *7+' .<. +&*%+N, . "<. X). &'&a" H,,"?+. +<(%@&" I(,," *66)<"B(+ "B(7. *6*%9.<. %6(%@a"

>7N+-5%'(86)

>?. " 0(B(," C(@?'&" D">('., "\$E" 0**<7(%+'* <" I(,," &6?. 7), . "+"?. +<(%@" 7+' . "+"%7" '(1 . "+"%7"*% '(92" '?. " 5+<'(. &" *9"?. " &+ 1 .a">?. "O.<+<(%@U99(6.< I(,," &"<(B. "'*"?*, 7"+?+. +<(%@" I ('?("%". %"!R]N)&(% . &&"7+2& 9<* 1 "<. 6.(5""*9"?. "\$%B.&'(@+'(%% "C. 5* <"+"%7"?. "5+<'(. &A"<. &5*%&. &/"(9"+%2a"

./+4@+&/'(86R++)'(86)

G<(* <"*"'? ". ?+. +<(%@/"* </"+"? ". ,+' .&'/"*% "'?. "7+2"*9"?. "?. +<(%@"? ". O.<+<(%@U99(6.< * <+"7.&(@%+' .7" O.<+<(%@" 0**<7(%+'* <" I(,,"6*%7)6'" "+5<.:?+. +<(%@" 1 . . '(%@" I ('?'? ". 5+<'(. &"5<(* <"*%6* 1 1 . %6(%@"? ". ?+. +<(%@a"H"?) (&"5<.:?+. +<(%@" 1 . . '(%@" . +6?"5+<'2" I(,,"<. 6.(B. "+%". 45,+%+'(%% *%9"?. "?. +<(%@" 5<*6. &&"+%7"?+B. "'?. " *55* <'(%('2"'*"+&Y"+%2"X). &'(%%&a"\$9"?. "6* 1 5,+%+"%"+%7g* <"<. &5*%7. "%"?+B. ". . 6'. 7" '*"?+B. "+7B(&* <&"?'<*) @?*) "'? ". ?+. +<(%@" 5<*6. &&/"? ". "+7B(&* <"(&" .%6*) <+@. 7" '*"+66* 1 5+%2" '?. " 6* 1 5,+%+"%g<. &5*%7. %""*"'?(&" 1 . . '(%@"

2')(+,.,.6

≠(7") 6* 1 5,+%+"% "(4) 6. 2((% * 1') 0. 2*") = 492+<(%@ U99(6.< " 6+, 7+B, 2*? (5) 6. 2(+) 0. 2(I) 45&. 1(+) 0. 2N?*) "" + c ('%. &&. &" 1)&"?+B. "*N&. <B. 7"?. "6*%7) 6"(% c mBT <. *%("<) 3 1(?+) 0. 2(B.) 0. 2(") 3 1(() 0. 2(9* < 1) 0. 2(+) 0.

A C: D R G N - I
M A A , M , F M

H55.%7(4" 0"*),'(%.&"'?. "7(&6(5,(%+<2"<.&*,)')(*%" 5<*6.7)<.&"'?. " 0*,,.@."9*,,* I&"(%<.&* ,B(%@" +
@<(.B+%6. "'?+'+"5.<&*%"?+&"N. .%"&)Nb.6'.7"'*"8*%:>('.. "\$E"Q(&6*%7)6'"N2"+%"+7 1 (%(&'<+'*</'&'+99"
1 . 1N.</'*%<"9+6),'2" 1 . 1N.<("B(*,+('(*%"*9"'?. " 0*,,.@.A&" J.4)+,"+%7"\$%'.<5.<&*%+, " Q(&6*%7)6'"
G*,(62a"

23#6%&3>#1C%/#F,#31&&

>?. " 0(B,"C(@?'&"D">(',\$E" 0**<7(%+'*<A&" I<(''.%%"*'(9(6+'(*%"*"'?. "<.&5*%7.%" I(, '&'+'. "9+6'&"
&)99(6(.%"*"'*"+55<(&."?'<.&5*%7.%'"*9"'?. "%+')<."*9"'?. "+,,.@+'(*%&/'(%6,)7(%@"&5.6(9(6+,,2V"

f >?. "6* 15,+(%+% 'A&"%+ 1 .i"

f 8+')<."*9"'?. "6* 15,+(% 'i"

f J5.6(9(6"5*,(62"B(*,+('(*%&"+,,@.7"\.a@a/'&.4)+,"+&&+),'/"<+6(+,"?+<+&& 1 .%/'<.'+,('(*%]i"

f

>?. "0(B("C@?'&"D">(',\$E"0**<7(%+'*<" I(,,"5<*B(7."?'."6* 15,+(%+% "+"%7"'?."<.&5*%7.% " I('?"
%*'(6."*9"+%2"7.,+2&"+%7"@B."?'."1 "+"% . I"(1 .' +N,."9*<"6* 15,.(%"*9"'?."(%B.&'(@+'(*%a"
"
>?. "(%B.&'(@+'(*%" I(,,"(%6,)7." +%"(%'.<B(. I \&]" I('?'?'."6* 15,+(%+% '/' '?'."<.&5*%7.% "+"%7g*<" +%2"

9<* 1 " '?. " \$%B.&'(@+'*%a" U%6." '?. " \$%B.&'(@+'*<" (& &+'(&9(.7" '?+' " '?. " <.5*<" (& 6* 15,. ' /" '?. " \$%B.&'(@+'*<" I(,,"&)N 1 ("'"?."<.5*<'""*"'?."0(B("C(@?'&"D">(',"\$E"0**<7(%+'*<a">?. "0(B("C(@?'&"D">(',"\$E" 0**<7(%+'*<" I(,,"<.B(I " '?. " <.5*<'"+%7" +&&.&&" I ?.'?.<'?'."<.5*<' 7. 1 *%&'<+' .&/"N2" + 5<.5*%7.<+%6. "*9"?'." .B(7.%6. /" ' ?+'V" \!]"?'." .B(7.%6. "&)55*<'&"?'."\$%B.&'(@+'*<A&"9+6')+, "9(%7(%@&i" +%7" \#]" '?. " \$%B.&'(@+'*<A&" 9+6')+, " 9(%7(%@&" &)55*<' " '?. " \$%B.&'(@+'*<A&"), '(1+'." 9(%7(%@ " *9" < .&5*%&(N(,'2"*<"%*%:<.&5*%&(N(,'2a"

>?. " 0(B("C(@?'&" D">(',"\$E" 0**<7(%+'*<" 1+2" <.X)(<." '?+' " '?. " \$%B.&'(@+'*<" 6*%7)6'" +77('(*%+, " (%B.&'(@+'*%/" 6*%&(&' .%'" I ('?' " '?. " 5<*6.7) <.&"*)', (%.7" +N*B.a"U%6. "'?." 0(B("C(@?'&"D">(',"\$E" 0**<7(%+'*<" ?+&" 6*%9(<1.7" '?+' " '?. " L(%+, " C.5*<' (& 6* 15,. ' /" '?. " 0(B(" C(@?'&" D" >('," \$E" 0**<7(%+'*<" I(,,"5<*B(7. "+6*52"*9"?'."L(%+, "C.5*<'""*"'?."5+<'(.&"(%+"&.6)<." 1+%%.<a"

),16#31/&

c ?.<." '?. " \$%B.&'(@+'*<" 6*%6,)7.&" '?+' " +B(*,+'(*% " *9" '?(&"G*,(62" ?+&" *66)<<.7/" '?. " +55<*5<(+'. "

f G+<(6(5+%&" (% " +7+5'+N, . " <.&*,)')(*% " 5<*6.&&.&" 1)&" N." 5<*'.6'.7" 9<* 1 " &.6*%7+<2"
B(6'(1(d+'(%% " +%7" *'?.<" 5*'.%'(+, " ?+<1&" (%6,)7(%@" '?. " 5<.&&)<." '* 5<*6..7" '?<*)@?'
+7+5'+N, . "<.&*,)')(*% "(%&' .+7"*9* < 1 +, "<.&*,)')(*%a"

I 7, <#, : %& ; %/3\$+##31&A<#31/&

>?. "+7+5'+N, . "<.&*,)')(*% "5'(%&" I(, "N." .%+N, .7"N2"+<+(% .7"6**<7(%+'*<a">?. "+7+5'+N, . "<.&*,)')(*% "
6**<7(%+'*< 1)&"N." (1 5+<(+, "+%7"9<. ."9<* 1 "N(+&"*<6**%9,(6 ""9"(%' .<.&'a"\$9""?. "+7+5'+N, . "<.&*,)')(*% "
6**<7(%+'*< ?+&" 6**%6.<%&" '?+" '?." 2" 6+%%"* "9+6,(+'+' . "+" 9+<'<") %N(+&.7" 5<*6.&&/" '?." +7+5'+N, . "
<.&*,)')(*% "6**<7(%+'*< 1)&"<.5* <"'?'*&. "6**%6.<%&" '*"'?. "0(B, "C(@?'&"D">(', ". \$E"0**<7(%+'*<+%7"
+" 7(99.<." "" +7+5'+N, . "<.&*,)')(*% " 6**<7(%+'*< I(, " N." +&&(@% .7a" J(1 (+, <2/" +" 6* 15, +(%+'/' + "
<.&5*%7.% ' / " * < + % 2 " * ? . < " 5 + < ' (6 (5 + % " " I ? * " ? + & " 6 * % 6 . < % & " ' ? + " ' ? . " + && (@ % . 7 " + 7 + 5 ' + N , . "< . & * ,) ' (* % "
6**<7(%+'*< 6+%%"* . % + N , . " + " 9 + < (" + % 7 ") % N (+ & . 7 " 5 < * 6 . && / " 1 + 2 " < . 5 * < " ' ? * & . " 6 * % 6 . < % & " '*"'?. " 0(B, "
C(@?'&"D">(', ". \$E"0**<7(%+'*< I ? * " I (, " + && . &&"'?. "6<6) 1 & + % 6 . & + % 7 " 7 . ' . < 1 (% . " I ? . ' ? . < + " 7 (9 9 . < . % "
+ 7 + 5 ' + N , . "< . & * ,) ' (* % " 6 ** < 7 (% + ' * < & ? *) , 7 " N . " + && (@ % . 7 " * " ? . " + 7 + 5 ' + N , . "< . & * ,) ' (* % " 5 < * 6 . &&a"
"

\$9"+5+<'2<.X) .&'&"'?. "(('+'(%% "9+% "+7+5'+N, . "<.&*,)')(*% "5<*6.&&+%7""?. "0(B, "C(@?'&"D">(', ". \$E"
0**<7(%+'*<+@<. &"'?'+'""?. " 1 + ' . < ("&+55<*5<(+ ' . "9* < + 7 + 5 ' + N , . "< . & * ,) ' (* % / . + 6 ? " 5 + < ' 2 " I (, "< . 6 . (B . "
+ " I < (' . % " % * ' (6 . " ? + " 7 (& 6 , * & . & V "

f >?. "+, . @+'(%&i"

f >?. "<.X)<. 1 .%'&"*9""?. "+7+5'+N, . "<.&*,)')(*% "5<*6.&&/"(%6,)7(%@"'?. "6<6) 1 & + % 6 . &) % 7 . < "
I ? (6 ? " (" 5 < . 6 ,) 7 . & " ' ? . " 5 + < ' (. & " 9 < * 1 " < . &) 1 (% @ " + " 9 * < 1 + , " 6 * 1 5 , + (" % " + < (& % @ " 9 < * 1 " ' ? . " & + 1 . "
+ , . @ + ' (* % & i "

f >?. "5+<('&A"<(@?'""* I ('?7<+ I "9<* 1 "+7+5'+N, . "<.&*,)')(*% "+%7"<.&) 1 . "*<"(('+' . 7(&6(5, (%+<2"
<.&*,)')(*% " I ('?'<.&5.6""*""?. "9* < 1 +, "6* 15, +(% ' i "+%7"

f \$%9* < 1 + '(%% "+N*) " 1 + (% . % + % 6 . " * 9 < . 6 * < 7 & " * < " ? * I " < . 6 * < 7 & " 6 *) , 7 " N . "& ? + < . 7 a "

c ('?"+55<*B+, "9<* 1 ""?. "0(B, "C(@?'&"D">(', ". \$E"0**<7(%+'*</'"+9'. <"6**%&), '+('(%% "+%7"(%'+Y." I ('?""?. "
+7+5'+N, . "<.&*,)')(*% "6**<7(%+'*</'?." 6* 15, +(% + % " "+%7""?. "<.&5*%7.% "" 1 + 2 " B * ,) % ' + < (, 2 " + @ < . . " * % " ? . "
5<*6.&&'?'+"N.&" 1 . . '&"'?. "(%' .<.&'&+%7" . . 7 & " * 9 ""?. "5+<(' . &a" H 7 + 5 ' + N , . "<.&*,)')(*% " 1 + 2 " (%6,) 7 . "
*% . " * < " 1 * < . " * 9 ""?. "9* , * I (% @ " < . & ' * < + ' (B . " + 5 5 < * + 6 ? . & V "

Q&7'%)&)+-6 F'&%"85+P" H" &'<6')<.7" +%7" 9+6,(+' . 7" 6**%B.<&+'(%% "N.' I . . % " ' I * " * < " 1 * < . "
(%7(B(7)+, & " 1 * & "" 9' . % ""?. "6* 15, +(% + % ' / ""?. "<.&5*%7.% ' / "+%7g* < " * ? . < " 6 * 1 1) % (0 . 2 (&) + % 7

%.6.&&+<2" '*9+6(,'+'.'?'<.&*,)'(*%/'?'." 0*,,.@." 1+2"N."<.X)(<.7" '*5<*7)6."<.6*7&"6<+'.7" 7)<(%@"'?'(&"5<*6.&&"(%<.&5*%&." '*"+'b)7(6(+,&)N5*.%+"*("<+"L3CGH".7)6+'(*%+,<.6*7"<.X).&'a"\$9" +7+5'+N,."<.&*,)'(*% (&'*55.7" 5<(*<" '*6* 15,.'(*%/'&'+' 1.%&" 1+7." N2" +5+<'2" (%"+7+5'+N,." <.&*,)'(*% 1+2"%*"N.")&.7"(%"+7(&6(5,(%+<2"<.&*,)'(*%5<*6.&&"<.,+'.7"***'+ "1+''.<a"

I7,<#,:\$%&;% 0%7"/&3.&'1#%.C%1#31/&3.	%&B3\$\$F%&B3 0 0+1"#@&

\$%" +77('(*% " '*" (%'.<B.%'(*%&" +55,(.7" '*" '?'<.&5*%7.%'/' +%7" <.@+<7,.&&" *9" I?.'?'<" '?'." 0*,,.@." 5)<&).&"+%"; (&6(5,(%+<2"C.&*,)'(*%*"<" +Y.&"*?'<."9* <1+, "7(&6(5,(%+<2"+6'(*%/'?'." 0(B,"C(@?'&"D" >(',"\$E"0**<7(%+'* <" 1+2"9(%7("?'.,59),"*<% .6.&&+<2"*"<.X).&"* <"<.X)(<."?'<.&5*%7.%'***<"*?'<.&" '*")%7.<' +Y."&5.6(9(6'&' .5&"7.&(@% .7" '*" .,(1(%+'.'?'." 1(&6*%7)6'/" 5<.B.%'"('&"<.6)<<.%6./"+%7g* <" <.1.72"('&" .99.6'&a"34+15,.&"(%6,)7./"N)"'+<."%*"', (1(' .7" '*"/'?'."9*,,* I(%@V"

f C.X).&'(%@"* <"<.X)(<(%@"+"0*,,.@."%('2" '*5<*B(7."'+(%(%@"9* <"('&'&'+99"* <" 1.1 N.<&i"

f C.X).&'(%@"* <"<.X)(<(%@"'?'<.&5*%7.%'***<.6.(B."'+(%(%@"i"

f 0*%'(%)(%@"+2"*9"?'."5<*'.6'(B."'+7"&)55* <'(B." 1.+&)<.&"5<.B(*)&,2'&'+N,(&?.7i"

f \$7.%'(92(%@"'?'."% . .7"9* <"+%2"+77('(*%+, "*<"*%@"(%@" 1.+&)<.&/'&)55* <'&"+%7"<.1.7(.&i"* <"

f C.B(&(%@"0*,,.@."5*,(6.&/'5<+6'(6.&/'* <'&.<B(6.&a"

"

"

A E: P

\$9"+<.5*<'5<*6.7&"'?'<*)@?' ; (&6(5,(%+<2"C.&*,)')(*%"+%7"'?."<.&5*%7.%'"(&"9*)%7"<.&5*%&(N,."9*<"
%."<"1*<."B(*,+ '(*%&"*9"'?."0*,,@.A&"+% '(7(&6<(1 (%+'(*% "5*,(6(.&/'"?."0*,,@."I(,,"(&&)."&+%6'(*%&
6* 1 1 .%&)<+'. "I('?'"?."B(*,+ '(*% \&]a">?."0(B,("C(@?'&"D">(',"\$E"0**<7(%+'*<"I(,"7.&(@%+'."?'<.."
'<+(% .7"(%7(B(7)+,&"*"&.<B. "%%"+"'?<..:5.<&*% "5+%.,"_C.B(. I"G+%.,`]"*7.'.<1 (%."&+%6'(*%&a">?."
0(B,("C(@?'&"D">(',"\$E"0**<7(%+'*<"I(,,"%*(92"'?."5+<'(.&/'("%"I<('(%@/"*9"'?. "%+ 1 ."*9"'?. "7.&(@%+' .7"
C.B(. I"G+%.,(&'&"+',. +&"9(B. "\F]"N) &(%.&&"7+2&"5<(*<"*"'?."? .+<(%@a">? ."5+<'(.&"I(,,"?+B. "'?<.. "\S]"
N)&(%.&&"7+2&"*"*Nb.6""*"+%2"C.B(. I"G+%.,(&'*%"'? ."N+&(&"*9'+6')+,"N(+&"*<"6*%9,(6'"*9"(%' .<.&'a"\$9"+<(%@

+55<*5<(+'.<.&*,)'(*%("%".+6?"6+&.a"

"

>?. "0(B,"C(@?'&"D">(',."\$E"0**<7(%+'*<"+,&*"?+&"'?. "7(&6<.'(*%''*"<.B(. I "+%2"(%'.<(1"5<*'.6'(B." *<"<. 1.7(+, " 1 .+&<.&"'*"7.'.<1(%." I ?.'?'<"'?.2"&?*),7"N. "6?+%@.7"*<"<."%*",*%@.<" +55,(6+N, .a" >?. "C.B(. I "G+% .," I(,,"(&&)." +7.'.<1(%+'(*%""&+%6'(*%&"+%7"'?. "5+<'(.&" I(,,"<.6.(B. "%*' (6. "*9"?' . " 7.'.<1(%+'(*%"" I ('?"9(B. "\F]"N)&(% .&&"7+2&"*9"'?. "C.B(. I "G+% .,A&"<.6.(5""*9"+,," 1+' .<(+,&"(%"'?' . " 6+&.a" L* <" 6+&.&" (%B*,B(%@" +,,. @+'(*%&" *9" >('." \$E" J.4)+, " O+<+&&1.%"/" '?. " C.B(. I " G+% .,A&" 7.'.<1(%+'(*%""<. @+<7(%@&+%6'(*%&" I (

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