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+,,<.5* '<.7" B(*,+('%%&" *9" '?(&" J*,(62^" >?. " 0*,,.@")&.&" 'H*" 5<*6.&&.&" '*<.&*,B." <.5* '<&" *9"
J<*?(M(' .7" 0*%7)6"")%7.<"'?(&" J*,(62Q" ; (&6(5,(%+<2" C.&*,)'(*%/" H?(6?" (%B*,B.&" +%" (%B.&'(@+'(*%/"
+%7" (9" +55<*5<(+'./' '?. " (15*&'(*%*" *9" &+%6'(*%&/" +%7" G7+5'+M,." C.&*,)'(*%/" H?(6?" (%6,)7.&"
<.&'<+'(B." *5'(*%&'9* '<.&*,B(%@ '<.5* '<&^">?. " 0(B, "C(@?'&"D">(',." \$E" 0**<7(%+'* '<H(,"7.' <1 (%."
'?. " +55<*5<(+'. "<.&*,)'(*%*"5<*6.&&'+9' <.1 +b(%@"+%"(%('(+,"&&.&& 1 .% ""*9"?' <.5* '<.7" (%9* <1 +'(*%/"
6*%&(7.<(%@" '?. " &'+' .7" (%' <.&'&" *9" '?. " 5+<'(.&/' 6+ 15)&'&+9. '2/' +%7" '?. " 0*,,.@" .A&" *M,(@+'(*%*" '*"
1+(%'+(%+"%". %B(<*% 1 .% ""9<.. "9<* 1"?' +<+&& 1 .% ""+%7"7(&6<(1 (%+'(*%^"
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J<*6.. 7(%&")%7.<"'?(&" J*,(62" 1+2"M." 6+<<(.7*")' "5<(*<'"/&(1),'+% .*)&,2"H('?'/*<"9*,, *H(%@"6(B, "
* '<6<(1 (%+, "5<*6.. 7(%&"*99:6+ 15)&^" 8 .('?' <+"7.6(&(*% "M2",+H". %9* <6. 1 .% ""< .@+<7(%@"5<*&.6)'(*%"
%* '<'?. " *)'6* 1 . " *9" +%2" 6<(1 (%+, " 5<*6.. 7(%@" H(," M." 6*%&(7.<.7" 7.' <1 (%+'(B." *9" H?'.'? <+ "
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G9'.<<.6.(B(%@"+"<.5* '<' *9" J<*?(M(' .7" 0*%7)6'/'?' . " 0(B, "C(@?'&" +%7">(',." \$E" U99(6. "H(," @+'? < "
(%9* <1 +'(*%"+M*)' ""?' <.5* '<.7" 6*%7)6"" +%7"<.&5*%7" '*"+%2"(1 1 .7(+'. " ? . +, ' ? " * '< "&+9. '2" 6*%6.<%&"
<+(&.7"M2"?' <.5* '<^">?. " 0(B, "C(@?'&" +%7">(',." \$E" U99(6. "H(," +

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c %*(92"?."6* 15,+(%+% "+%7"<.&5*%7.% "'?+' "'?.2" 1+2"M." +66* 15+%(.7"M2"+%"+7B(&*<"*9"?.(<" 6?*(6._"

c +&&.&&"+%2"5+''.<%*"9"6*%7)6'"M2"'?. "<.&5*%7.% '_"+%7"

c .45,+(% "'?."0*,,.@.A&"5*,(62"5<*?(M('(%@<.'+',(+(*%/"+%7"'?+' "'?."0*,,.@."H(,,"'+b."5<* 15" +6'(*%"H?."%<.'+',(+(*%"(&"<.5*<' .7/"+%7"?*H"*<.5*<"'+6'&"*9"<.'+',(+(*%^"

G"'?."6*%6,)&(*%"*9"'?."(%('(+,&&.&& 1 .%"/"'?."0(B,"C(@?'&"D">(',\$E"0**<7(%+'*<"H(,"7.'.<1 (%." '?." +55<*5<(+' ." 1+%%.<"*9"<.&*,)'(*%"+%7"5<*6..7"H('?"*%."*9"?."9*,,*H(%@"*5'(*%&Q"

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- c H?. '?. <"'?. <."?+B. "M. . %"*'?. <<. 5* <'&"*9"*'?. <."J<*?(M(' . 7"0*%7)6'"* <"*'?. <." 1 (&6*%7)6'"M2" '?. <.&5*%7. %' _ ""
- c H?. '?. <"'?. <." 5* <"<. B. +, &"+"5+''. <%"*9" 1 (&6*%7)6'"<., +' . 7"*"J<*?(M(' . 7"0*%7)6'"+"+"@ (B. %" ,*6+'(*%*" <"M2"+"5+<'(6), +<"@<*)5_ ""
- c '?. "6* 15, +(%+%'A&" ('%'. <.&"' (%" '?. " 0* , , @. " %*" 5) <&)(%@" +% " (%B. &'(@+'(*%*" <" 7(&6(5, (%+<2" +6'(*%"+%7"'?. "(15+6'"*9)&)6?"+6'(*%&"*%"'?. "6* 15, +(%+%' _ ""
- c '?. "0* , , @. A&"*M, (@+'(*%*" 5<*B(7. "+"&+9. "+%7"%*%:7(&6<(1 (%+'* <2". %B(<*% 1 . %' _ "
- c H?. '?. <"'?. "0* , , @. "5*&&. &&. &"*'?. <." 1 . +%&"'*"*M'+(%<., . B+%'" . B(7. %6. _ ""
- c 9+(<% . &&"6*%&(7. <+'(*%&"9* <"M*'?'?' . "6* 15, +(%+%' "+%7"'?. " <.&5*%7. %' _ ""
- c '?. "0* , , @. A&"*M, (@+'(*%&")%7. <"9. 7. <+ , /"&'+' . /"+%7", *6+, , +H_ "+%7""
- c +%2"*'?. <." +B+(, +M, . "+%7"<., . B+%'"(%9* < 1 +'(*% ^ ""

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(%'.<.&"'.4(& '&'?''.5.< &*%"H?'*H+&'?''.&)"Mh.6"'*9"'?''.*Mh.6'(%%"H(, "M." < . 1 *B.7"+%7"<.5,+6.7^"

S "- '9'7&)"' (6''96. /''7+, ,+, 6

>?. "0*,, @. "H(, "9*,, *H"'?. "J<*6.&&.&7.&6<(M.7"'?.<.(%"M+<<(%@" .46.5'(%%+, "6<6) 1 &' +%6.&^"\$%"<+<.
(%&' +%6.&/' ?*H.B.</' ?'. "0*,, @. "1 +2" M." <.S)(<.7" '*'+7+5"'* <" 1 *7(92"'?. "J<*6.&&.&Z(%6,) 7(%@"
'(1 ., (%.&]'*"' .%&)<. "5<* 1 5"' +%7".S)('+M, .<. &*,,)' (%%"*9"+<.5* <"*9"J<*?(M(' .7"0*%7)6'^">?. "0*,, @. "
<.&.<B.&'"?'(&<(@?'^"\$%"&)"6?"(%&' +%6.&/'?''. "0*,, @. "H(, "9*'"(92"'?. "5+<'(&"*9"'?. "1 *7(9(6+'(%%"*9"'?. "
J<*6.&&.&+ %7/" (9" +55<*5<(+.' /"'?''. "46.5'(%%+, "6<6) 1 &' +%6.& <.S)(<(%@" ?'. "0*,, @. " '*'+7+5"'* <"
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>?. "0(B, "C(@?'&"D">(', . "\$E" 0**<7(%+'* <" 1 +2" .4' .%7"+%2"7. +7, (%.&"H('?(%"'?'(&"J*, (62/"9* <"@**7"
6+)&.&?"*H%" +%7"7*6) 1 .%'.7^" [f **7"0+)&.\ "H(, "M."7.' < 1 (%.7" M2"'?. "0(B, "C(@?'&"D">(', . "\$E"
0**<7(%+'* <"(%"'?. (< &*,, "7(&6<.' (%%" +%7" 1 +2"(%6,) 7. Q"Z!]"?''. ")%+B(+, +M(, ('2"*9"+ "H(' .&&"M.6+)&."*9"
7.+?'/'(, ,%.& &/'* <"*?'?.<.46)&+M, . "6<6) 1 &' +%6.& _"Z#]"?''. ")%+B(+, +M(, ('2"*9"+ "5+<'2" M.6+)&."*9"7.+?'/'
(, ,%.& &/'* <"*?'?.<.46)&+M, . "6<6) 1 &' +%6.& _"ZV]"?''. ")%+B(+, +M(, ('2"*9"+ "%+7B(&* <"M.6+)&."*9"7.+?'/'
(, ,%.& &/'* <"*?'?.<.46)&+M, . "6<6) 1 &' +%6.& _"Z="6*%6)<<.%", +H'. %9* <6. 1 .%"+6'(B('2_ "+%7"ZF]"?''. "% .7"
9* <" , +%@) +@. " +&&(&' +%6. " * <" +66* 1 1 *7+'(%%"*9"7(&+M(, ('.&^" G, '?*)@?'<.+&*%+M, . "+'. 1 5'&" H(, "M."
1 +7. " '*"&6? .7) , . "5<*6. .7(%@&" 6*%&(&' .%" "H('?' + "%+7B(&* <A&" +B(+, +M(, ('2/"'?. "5<*6.&&" H(, " %*" "M."
7., +2.7" '*"&6? .7) , . " ?". "5<*6. .7(%@&" +"'?'?. "6*%B. (%.6. "9"?'?. " +7B(&* <^" >?. "6* 1 5, (+%+% "' +%7"
<.&5*%7. %"" H(, "M. "%*" (9(.7" (% "H<'(%@" *9"+%2" .4' .%&(%%/"'?''. "<.+&*%&"9* <" (' /"+%7" 5<*h.6'.7" % .H"
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. %@+@. 7"(%"'?. "6*%7)6"' +&+, , @. 7^">?. "<.&5*%7. %""(&"5<.&) 1 .7" %*" <.&5*%&(M, . "9* <"?'?. "6*%7)6"' ?+ "
(&"?' .&)"Mh.6"'*9"'?. "(%B.&'(+%'(%%/")%, .&&+ "%7")% '(, "+7.6(&(%%"*9"<.&5*%&(M(, ('2"?+&"M. .% " 1 +7. ")5*%
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e ? .< ."'? .< .("&".B(7.%6. "9"+ "5+' .<%"*9"6*%7)6"&(1 (, +<"(%%" +')<."M2"'?. "<.&5*%7. %'/' .('?.<"5<(*</'
<"&)M&.S) .% /'""*"'?. "6*%7)6"'(%S) .&'(%%/"'?'(&"(%9* < 1 +%'(%%" 1 +2" M."7. . 1 .7"<., .B+% "' +%7"5<*M+'(B."
'*"'?. "7.6(&(%%: 1 +b. <A&"7.' < 1 (%+'(%%"*9"<.&5*%&(M(, ('2/" +%7d* <"?'?. "7.' < 1 (%+'(%%"*9"&+%6'(%%">?. "
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e ? . % " + " ; (&6(5,(%+<2" C.&*,) '(*%" M.@(%&")%7.<" '?(&" J*(,62/" '? . " 0*,,.@ . " H(, " %*'+'. " '? . "&')7 . % "'
< . &5*%7 . % 'A&"' <+%&6<(5"H('?'[G7 1 (%&'<+'(B. "W+''. <"J . %7(%@^\ ">? . "%*'+('*"H(,,M. "< . 1 *B. 7"+9' . <"
'? . " f <(.B+%6 . " J<*6 . &&"(&"6* 1 5, . ' . 7/")% , . &&"' ? . "< . &5*%7 . % "'(&" + , &*"+ "< . &5*%7 . % "'(%*'? . "<"*%@(%"
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- c G%*"B.<B(.H"*9"'?. 5<*6.7)<+,*5'(*%&"+%7"5<*6.&&/(%6,)7(%@"G7+5'+M,."C.&*,)'(*%"+%7"; (&6(5,(%+<2"C.&*,)'(*%^^
- c 345,+(% "'?+'"'?. "&')7.% "' ?+&"+<(@?' "'*"+%"+7B(&*<"*9"'?. (<"6?*(6."7)<(%@" "'?. 5<*6.&&"+%7"5<*B(7."+",(&"*9"0*,,.@.". 15,*2..&"<+(% .7"+&"+7B(&*<&")5*%<.S) .&'^
- c >?. "0*,,.@.A&"+,6*?*,,+%7"7<)"@+1%.&'2"5*,(62^
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0*%6)<<. %',2/"'?. "0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<"H(,"&.,.6""+'<+(% .7"(%'.<%+, "*<".4'.<%+, "\$%B.&'(@+'*<"Z[\$%B.&'(@+'*<]"**6*%7)6""+<. +&*%+M,./"(15+<'(+,/"%7"5<*15"(%B.&'(@+'(*%*"9"'?. "6*15,+(% "'Z[\$%B.&'(@+'(*% \]"^>?. "0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<"H(,"&.,.6""+"\$%B.&'(@+'*<"+M+&.7"*%&".B.<+, "9+6'*&"/(%6,)7(%@"'?. "5+<'(.&'(%B*,B.7"/'?. "6*15,.4('2"*9"'?. "6*15,+(% /'/?."% .7" '*"+B*(7"+%2"5*'. %'+, "6*%9,(6""*9"(%'.<.&/'"+%7" H?*"1+2" M.&' "6*%7)6""+"9+<(+%7" .S)('+M,." (%B.&'(@+'(*%*"9*<"+,,"5+<'(.&'(%B*,B.7^>?. "0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<"H(,"%*(92"'?. "5+<'(.&/'("H<'(%@"*9"'?. "%+1. "*9"'?. "7.&(@%+' .7"\$%B.&'(@+'*<+"''?. "'(1. "'?. "0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<("&)&".&'?. "%*(6. "*9"(%B.&'(@+'(*%^^>?. "5+<'(.&"H(,"?+B. "'?<.. "ZV]"M)&(% .&&"7+2&"*"*Mh.6""*"'?. "\$%B.&'(@+'*<A&"&.,.6'(*%*"%"'?. "M+&(&"*9" M(+&"*<6*%9,(6""*9"(%'.<.&'^\$9' .('?.<"*9"'?. "5+<'(.&"*Mh.6"/'/?."0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<"H(,".B+,)' .H?. '?.<"'?. "*Mh.6'(*%("&)&M&'+"('+.7^>?. "0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<"H(,"<. 1*B. "+%7"<.5,+6. "+%2"\$%B.&'(@+'*<"'?. "0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<9(%7&"*%"?+B. "+%+6')+"M(+&"*<6*%9,(6""*9"(%'.<.&'"+@+(%&"' .('?.<"5+<'2^

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>?. "\$%B.&'(@+'*<"H(,"6*11.%6. "'?. "(%B.&'(@+'(*%*"6. "'?. "'(1. "9*<"'?. "5+<'(.&"*Mh.6""?+&"5+&&.7" *<'"+%2"*Mh.6'(*%&"?+B. "M. .%<.&*,B.7^

F'1-#)8()"*'+

C.+&*%+M,." .99*<"H(,"M. "1+7. "'*6*15,.'."?'?. "(%B.&'(@+'(*%*"H('?(%("&4'2"ZXT]"M)&(% .&&"7+2&"*9" '?. "7+' ."'?. "9*<1+, "6*15,+(% "("1+7. "*<+&*&"*%"'?. <.+9'. <+&"5<+6'(6+,")%7.<"'?. "6<6)1&'"+%6.&^>?. "0(B, "C(@?'&"D">(',."\$E"0**<7(%+'*<

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0**<7(%+'*<"H(,"5<*B(7."+"6*52"*9"?'."K(%+,"C.5*<"'*"'?'."5+<'(&"(%+"&.6)<."1+%%.<^""

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G7+5'+M, . "<. &*,) '(*% (" + B*,) %'+<2/'<. 1 .7 (&:M+&. 7/' &'<)6')<. 7" (%'. <+6'(*%M. 'H. .% *'<+ 1 *%@+99.6'. 7"5<+' (&'?'+'M+, +%6. &&)55* <'"+%7"+66*)%' +M, ('2"H('?'*)'''+b(%@'9* <1+, "7(&6(5, (%+<2"+6'(*%"+@+ (%&' "'?." <. &5*%7. %'A" >?(&' 5<*6. &&' (&' +B+, (+M, . " '*" &')7. %' &' /" 9+6), '2"/ +%7" &' +99")5*% " 1)' +, "+@<. . 1. %'A" G7+5'+M, . "<. &*,) '(*% (" @. %'. <+, ,2'7. &(@% . 7" '*" +, , *H"'?." <. &5*%7. %' "'*"+6b%*H, . 7@. " ?+<1 "+%7" +66.5" <. &5*%&(M, ('2"9* <'<. 5+ (<(%@' ?+<1 "Z"*" '?." .4'. %' "' 5* &&(M, . J" .45. <(. %6.7" M2" '?." 6* 15, +(%+% "' +%7d* <'?' . 0*,, . @. " 6* 1 1) (%'2" G7+5'+M, . "<. &*,) '(*% (" &'7. &(@% . 7" '*" ., (1 (%+' . "'?." J<*?(M(' .7"0*%7)6'/'5<. B. %' "' (&'<. 6) <<. %6. /"+%7" <. 1 .72(' &' .99.6' (&' "+" 1 +%%. <'?' + " 1 . . '&'?' . %.. 7&*9"?' . "6* 15, +(%+% "' H? (, . " 1 + (%' + (%@'?' . "&+9. '2"*9"?' . "6+ 15) &'6* 1 1) (%'2" ""

>?."0(B, "C(@?'&"D">(', . \$E"0**<7(%+*' <'<. B. (H&"'?' . " 1 +' . <'***'?' . .4'. %' ""% .6. &&+<2"***6*%9(<1 "'?+ " ('(&"*9"?' . "'25. "'?'+"H*), 7"M. " +55<*5<(+ . "9* <'"+%"+7+5'+M, . "<. &*,) '(*% 5<*6. &&" +%7"?'+")&. " *9'+%"+7+5'+M, . "<. &*,) '(*% " 5<*6. &&" H+&" H('?'*) "' 5<. && <. " * <'6* 1 5), &(*% " 9<* 1 " '*'? . <&A" >? . " +7+5'+M, . "<. &*,) '(*% *5' (%&' +B+, (+M, . ") %7. <'?' (&"J*, (62"<. 6*%@(a. Q"

c >?."@*+, *9"+7+5'+M, . "<. &*,) '(*% (" '*"+77<. &&"'?' . " J<*?(M(' .7"0*%7)6'/'(7. %'(92"H+2&"'?'+" (%7(B(7)+, &"+%7d* <'?' . "6* 1 1) (%'2"?' +B. "M. . %'?' +<1 . 7"/ +%7"7. B. , *5" +<. &*,) '(*% "+@<. . 1. %' "'*"+77<. &&"'?' . "?+<1 "+%7"5<. B. %' "9)') <. " J<*?(M(' .7"0*%7)6'_"

c J+<'(6(5+' (*% (" B*,) %'+<2"+%7"M*'?'+" 6* 15, +(%+% "' +%7" +<. &5*%7. %' /" +&"H. , , +&"+%2" '*'? . <' 5+<' (6(5+' (%@' (%7(B(7)+, &' /" 1) &' "6*%&. %' "' H<' (%@' '*"5+<' (6(5+' (*% (" +7+5'+M, . "<. &*,) '(*% _"

c >?."H<'(. %'6*%&. %' "H(, (%9* <1 "'? . "6* 15, +(%+% "' +%7"?' . "<. &5*%7. %' "'?+" . ('? . <'6+%"<. S) . &' "'*%7"+7+5'+M, . "<. &*,) '(*% (" +%2" (1 . "+%7"5) <&) . "9* <1+, "<. &*,) '(*% A" e <'(. %'6*%&. %' "H(, , +, &*% (9* <1 "5+<' (&'?'+" (9* <1 + (*% @+'? . <. 7" +%7")' (, (a. 7" (%"+7+5'+M, . "<. &*,) '(*% M2" +%7" M. 'H. . %' '?' . " 5+<' (&' 6+ %*% "' M. ") &. 7" (% "+%2" '*'? . <' 0*,, . @. " 5<*6. &&' /" (%6,)7(%@' 9* <1+, "<. &*,) '(*% "/ (9"+7+5'+M, . "<. &*,) '(*% . %7&"+%7"9* <1+, "<. &*,) '(*% M. @ (%&' * <'<. &) 1 . &_"

c >?."0*,, . @. "H(, (%*% 5<. && <. " * <'6* 15. , "6* 15, +(%+% "' *% . %@+@. "(% 1 .7 (+ (*% /" '*"7 (<. 6' , 2" 6*%9<*% "'?' . "<. &5*%7. %' /" * <' *5+<' (6(5+' . "(% "+%2"5+<' (6), +<'9* <1 " *9"+7+5'+M, . "<. &*,) '(*% _"

c J<*?(M(' .7"0*%7)6'" +99.6' &' 6* 15, +(%+% '&' /" <. &5*%7. %' &' /" H(% . && . &' /" 9< (. %7&' /" 6* 1 1) (%'2" 1 . 1M. <&' /" 9+ 1 (, 2" 1 . 1M. <&' /" +%7" *'?' . <& _"

c 0* 15, +(%+% '&' /" <. &5*%7. %' &' /" +%7" *'?' . <' 5+<' (6(5+' &' (%"+7+5'+M, . "<. &*,) '(*% *9'. %' M. % .9(" H? . %' "<. &*,) '(*% 5<*6. &&. &' +%7" *) '6* 1 . &' +<. " '+, (<. 7" '*" 1 . . "'?' . (<') (%S) . " %.. 7&" +%7" (%' . <. &' & _"

c 0* 15, +(%+% '&' +%7" *'?' . <' 5+<' (6(5+' &' (%"+7+5'+M, . "<. &*,) '(*% 1 +2"9(%7"(') &. 9), "'* 1 . . "H('?' + " <. &5*%7. %' "' H? *% " +6b%*H, . 7@ . &' '?' . " &)M&' +%6. " *9" '?' . ")%7. <. 2(%@' . B. %' &' +%7" H? *% " +6b%*H, . 7@ . &' '?' + " 6* 15, +(%+% '&' * <' 5+<' (6(5+' &' ?+B. " <. 5* <' . 7" .45. <(. %6(%@' ?+<1 " +&" +<. &) , _"

c I'<6')<. 7" (%'. <+6'(*%&"M. 'H. . %' 5+<' (6(5+' &' 6+ %" 9+6, ('+' . , *%@:'. <1 "'? . , (%@' +%7" <. 7)6. " <. 6(7(B&1 _"+%7"

c J+<'(6(5+' &' (%"+7+5'+M, . "<. &*,) '(*% 5<*6. &&. &' 1) &' M. " 5<*'. 6'. 7" 9<* 1 " &. 6*%7+<2" B(6'(1 (a+ (*% " +%7" *'?' . <' 5*'. %' (+, " ?+<1 &' /" (%6,)7(%@' '?' . " 5<. && <. " '*" 5<*6. . 7" '?' <*) @?' +7+5'+M, . "<. &*,) '(*% (%&' . +7"*9"9* <1+, "<. &*,) '(*% A"

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?3(<)(=/-+ . -#*/;)"* ' +D<)"* '#

>?. "0(B("C(@?'&"D">(',\$E"0**<7(%+'*<"1+2"+55*(%'"+'<+(%.7"(%' .<%+, "*<" .4' .<%+, "1.7(+ '*<" *<" *'?.<"5<*9.&&(*%+, "Z[9+6,(+'*<]"**"9+6,(+' . "<.&*,) '(**/"*<"1+2"9+6,(+' . "<.&*,) '(**%"7(<.6',2"H('?" '?. "5+<'(.&/"H? .< . "+55<*5<(+' .^">?. "9+6,(+'*<"1)&'M. "(15+<'(+, +%7"9< . "9<*1 "M(+&"*<"6**%9,(6""*9" (%' .<.&'^"\$9""? . "9+6,(+'*<"?+&"6**%6.<%&'?'+"""? .2"6+%*%"9+6,(+' . "+9+(<"*<)"%M(+&.7"5<*6.&&/"'?. "

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!'/7%+6 "%D77"5()&E%"')06 G! 3DHQ" G" 9+6(,'+'.7" (%' .<+6'(*%" M.'H. .%" '?." <.&5*%7. %'" +%7"
0*,,.@."9+6), '2"+%7d*("&'+99"7.&(@%.7""5<*B(7."+66*)%'M(,'2/'&'<)6')<.7"&)55*</'"+%7""?." 7.B.,*5 1. %" " *9" +",.+<%(%" 5,+%"^" >?." 9*6)&" *9" +" 0UG" (&" '* " M+,+%6." &)55*<" +%7" +66*)%'M(,'2"9*<+"%"(%7(B(7)+,"

? 3(<)(=/-+ . -&-3"-#:#*%+F')-%1-')"* '#:#5*%+)9-+4*//-8-+4*&&; '")2+

\$%" +77('(*%" '*"(%.<B.%(%'&" +55,(.7" '*"'?'<.&5*%7.%/'"+%7"<.@+<7,..&&" *9" H?.'?'<" '?'." 0*,,.@. " 5)<&).&+"%"; (&6(5,(%+<2"C.&*,)')(*%"*%<"'+b.&"*"'?'<"9*%<1+, "7(&6(5,(%+<2"+6'(*%/'?'." 0(B,"C(@?'&"D" >(',"\$E"0**<7(%+'*%<"1+2"9(%7(""?.,59), "*%<% .6.&&+<2"*%<.S).&"*%<.S)(<."?'<.&5*%7.%'"*%<"*"'?'<.&" '*")%7.<'+b."&5.6(9(6"&' .5&"7.&(@% .7"*% .,(1(%+'." '?'." 1(&6*%7)6'/"5<.B.%'"('&"<.6)<<.%6./"+%7d*%< <. 1.72('&".99.6'&^"34+15,.&"(%6,)7./"M)"'+<."%*"', (1(' .7"*%/'?'."9*,,*H(%@Q"

c C.S).&'(%@"*%<.S)(<(%@"+"0*,,.@."%('2"*%5<*B(7."'+(%@"9*%<('&"&'+99*%<"1.1M.<&_"

c C.S).&'(%@"*%<.S)(<(%@"'?'<.&5*%7.%'"*%<.6.(B."'+(%@"@_"

c 0*%(')(%@"+%2"*9"'?'."5<*'.6'(B."+%7"&)55*%<(B."1.+&)<.&5<.B(*)&,2".&'+M,(&?.7_"

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

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

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>?. "0(B("C(@?'&"D">(',."\$E" 0**<7(%+'*<"

('&'<+%&6<(5'&"+%7"7.@<..&"*<"*7.%2"+'&')7.%"5+<(6(5+'(%%"@<+7)+'(%%"6.<. 1 *%(.&"+%7"5<(B(.@.7".B.%'&^"

*+##"?&%69/"#6!&#\$5,6="5,'(80"1')7.%'&' 1+2"M."<. 1 *B.7"9<* 1 "0*,,.@."?*)&(%@"+%7d* <M+<<.7"9<* 1 "+55,2(%@"9* <"6+ 1 5)&"?*)&(%@"7)". "7"7(&6(5,(%+<2"B(*,+ '(%%"&"*9"'?(&"0*7.^"

L5,\$+(,'''(0"346),&(%%"9<* 1 "0*,,.@."5<. 1 (&.&/'+''.%7(%@"6,+&&.&/'+%7"*'?.<"5<(B(.@.&"* <+6'(B('.&"9* <"+&5.6(9(.7"5.<(*7"*9"'(1 ./"+&"&.'9* <?'(%"'?.&)&5.%&(%%"*%'(6.^"8 *'(6."*9"'?(& +6'(%%"H(,,"<. 1 +(%%"('?'&')7.%'A&"6*%7)6"9(,."+%7"H(,"M."5.< 1 +%.'2"<.6* <7.7"*%"'?. "&')7.%'A&" +6+7. 1 (6" '<+%&6<(5'^" 0*%7('(%%"&" 9* <".+7 1 (&&(%%" 1+2" M." &5.6(9(.7" (%" '?. "&)&5.%&(%%"*%'(6.^"

>X\$5%,''(0"J.< 1 +%.'%'''.< 1 (%+'(%%"*9'&')7.%'"&'+')&"+%7".46,) &(%%"9<* 1 "0*,,.@."5<. 1 (&.&/' 5<(B(.@.&/' +%7" +6'(B('.&^" >?(&" +6'(%%" H(," M." 5.< 1 +%.'2"<.6* <7.7" *%" '?. "&')7.%'A&" +6+7. 1 (6" '<+%&6<(5'^"

+?"7&)'''(6 "%6 D- #',, ''(6 &(-1"/6 : +8/+ +0" G7 1 (&&(%%" '/' * <"+ 7.@<.."+H+<7.7" M2/" '?. "0*,,.@." 1+2"M."<.B*b.7"9* <"9<+)7/" 1 (&<.5<.&.%'+(%%"(%"*M'+(%@"%'?.7.@<..)* <"B(*,+ '(%%" *9"0*,,.@."5*,(6.&'"?'."I')7.%'"0*7."*9"0*%7)6"'"* <"9* <"*?'<.&.<(*)&"B(*,+ '(%%"&"6* 1 1 ('.7" M2"+&')7.%'"5<(* <"*%".%<*, 1 .%'"* <@"<+7)+ '(%%"^"

2')JJ''-'(86 : +8/+ +0">?. "0*,,.@." 1+2"H('??*,7"+H+<7(%@"+7.@<..)*?'<H(&.". +<% .7")% '(," '?'." 6* 1 5,. '(%"*% "9" '?'." 5<*6.&& &.'"9* <?'(%" '?'(&" J*,(62/" (%6,)7(%@" '?. " 6* 1 5,. '(%"*% "9"+,, &+%6'(%%"&"(1 5*&.7/"(9"+%2^"

3)J+/0"U'?.< &+%6'(%%"&" 1+2"M."(1 5*&.7"(%&'.+7"*9/"* <"(%" +77('(%%"*"/'?'*&." &5.6(9(.7"?.<.^" I.<B(6."/ .7)6+ '(%%"/* < "&.& +<6?"5<*h.6'&" 1+2"+,&*M." +&&(@%.7^"

S5%)'\$+6L&(7)''(,0"W* <."?'+%*"%. "9"?'."&+%6'(%%"&),(&'.7"+M*B." 1+2"M."(1 5*&.7"9* <" +%2" &(%@,. "B(*,+ '(%%"^"

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J*&(M, . "7(&6(5,(%+<2"+6'(*%&"9* <" 8*% :> . %) < . "><+6b"K+6), '2"+%7"&' +99"(%6,)7."/M) "' +< . "%*'", (1 ('.7"

B(*,+'.7''?. "J*(,62^">?. "5+<'(&"H(,,"?+B. "'?. "55* '<')%('2''* &)M1('"+%\$ 15+6'I'+'. 1 .%' '* ' ?.' "N. +<(%@ " 0* 1 1(''..' /" +%7" '?. " N. +<(%@ " 0* 1 1(''..' " H(,," <.B(.H" '?. " 5+<'(&A" \$ 15+6'' I'+'. 1 .%' &/' +%7" +,," *'?. <" 1+'. <(+,&" (%''?. " 6+&." Z<.7+6'.7" +&" % .6.&&<2" +%7" +55<*5<(+'.]/" (%6,)7(%@''?. "K(%+,,"C.5* '<'+%7" '+6? .7" +55. %7(6.&/'(%'+&&.&&(%@''?. " +55<*5<(+'. " &+6'(*% ^''

>?. "N. +<(%@ " 0* 1 1(''..' A&" <.B(.H" (&"7*6) 1 .%' +<2"*%,2" +%7" %*"? . +<(%@ ("&'?. ,7^"K*,,*H(%@ '&' +%7+<7" 5<+6'(6. /' '?. " 0(B(,"C(@?'&"D" >('., "\$E" 0**<7(%+'* <"H(,,"M. " +B+(, +M, . "'?<*) @?'*)'' 7.,(M. <+(' *%&"**"+77<.&&"S) .&'(*%&" +M*)''''?. "J*(,62" +%7" <.,+' .7" 5<*6.7) <.&^"G%2" 7.6 (&(*% "H+<%/" <.5<(1 +%7" * <" 7(&1 (&&" + 9+6), '2" 1 . 1M. < <.S) (<.&" + 'H*:'? (<7&" 1 +h* <'2" *9" '?. " 1 . 1M. <&"6*%7)6'(%@''?. " ? . +<(%@/'"?. "B*'. "(% . +6?)(%&' +%6. " '*M. " +b. %"M2"& <. "M+,,* ^''

>?. "N. +<(%@ " 0* 1 1(''..' "H(,," 1+b. " +<.6* 1 1 . %7+'(*% " '*''? . " ; . +% " *9" ? . " 0* ,. @. /' &)Mh.6'' *' ?'. (<" +55<*B+, ^" G66.5' +%6. " *9" '?. " N. +<(%@ " 0* 1 1(''..' A&" 7.6 (&(*% " H(,," %* <1 +, ,2" M. " .45.6'.7^">?. " 0(B(,"C(@?'&"D" >('., "\$E" 0**<7(%+'* <"H(,,"%*' (92"''?. " 5+<'(&" *9" '?. " N. +<(%@ " 0* 1 1(''..' A&" 7.6 (&(*% " %" H(<'(%@^">?. "N. +<(%@ " 0* 1 1(''..' A&" 7.6 (&(*% " %" %7 (&6(5, (% +<2" +6' (*% " 1 +2" M. " +55. +, .7" '*''?. " J<.&(7. % "M2" . ('? . <5+<2^" G" +55. +, 1) &"M. "&)M1(''.7" (% "H(<'(%@ " '*M*?'?''?. " 0(B(,"C(@?'&"D" >('., "\$E" 0**<7(%+'* <+7"''?. " J<.&(7. % "H('?' (%9(B. "ZF]M) &(% . &&" 7+2&" *9" <.6. (5" *9" ? . "N. +<(%@ " 0* 1 1(''..' A&" 7.6 (&(*% " %" %7 (&6(5, (% +<2" +6' (*% ^" e . % . +% " +55. +, (&"9(, .7"''?. " *' ? . <5+<2" H(,,"M. "%*' (9(.7" (% "H(<'(%@ +%7"''?. "%"?+B. "9(B. "ZF]M) &(% . &&" 7+2&" '* <.&5*%7" '*''?. " +55. +, ^">?. " 5+<'(&" H(,," @. % . <+, ,2" M. "%*' (9(.7" (% "H(<'(%@ *9"''?. " *)'6* 1 . " *9" '?. " +55. +, "H('?' (% " . %"Z!T]M) &(% . &&" 7+2&" *9" <.6. (5" *9" ? . "%*% : +55. +, (%@ " 5+<2A&" <.&5*%& . " &' +'. 1 . % ^''

>?. " J<.&(7. % " H(,," ' <+& 1 (" '* " ? . " Y*+<7" *9" ><)&' . &" '?. " 9),," <.5* <" *9" '?. " N. +<(%@ " 0* 1 1(''..' /' &' +'(%@ ("&" +6' (*% " /" +%7d* <" ? . <" * <" ? (&" 7.6 (&(*% " +9' . <" +% " +55. +, ^" \$9" '?. " Y*+<7" *9" ><)&' . &" 6? * * & . &" * * <.B(.H"''?. " 6+& . /' (" &" <.B(.H" &?*) ,7" M. "M+& . 7" *% "''?. " <.6* <7^">?. " 7.6 (&(*% " *9"''?. " N. +<(%@ " 0* 1 1(''..' "H(,," . ('? . <"M. " &)&' + (% .7" * <"''?. " 5<*6. .7(%@ "H(,,"M. " <.') <%.7" '* " ? . "N. +<(%@ " 0* 1 1(''..' "H('?' *Mh.6' (*% & & 5.6(9(.7" +%7" H('?' * <"H('?' *)' &) @ . &' (%@ " +7(99. <. % " 7.6 (&(*% " ^" \$&) 6? " +6+& . " ? . "N. +<(%@ " 0* 1 1(''..' "H(,," <.6*% & (7. </' +b(%@ " +66*) % " *9" ? . " &' +'. 7" *Mh.6' (*% & " +%7" +%2" *' ? . <" 7.6 (&(*% " <.6* 1 1 . %7.7" /" +%7" <.6. (B(%@ " % . H" . B(7. %6. " (9" % .6. &&<2^" \$" H(,," 9<+1 . " (&" 7.6 (&(*% " +%7" 6* 1 1) % (6+ . " (" (% " ? . " &+1 . " 1 +% % . <+&"M. 9* <. ^" K*,,*H(%@ " &')72" *9"''?. "N. +<(%@ " 0* 1 1(''..' A&" <.6*% & (7. <+(' *% "''?. " Y*+<7" *9" ><)&' . &" H(,," 1+b. " +9(% +, " 7.6 (&(*% " >? . " ; . +% " *9" ? . " 0* ,. @. /' +, " 1 . 1M. <&" *9"''?. " N. +<(%@ " 0* 1 1(''..' /' ? . " J<.&(7. % /" +%7"''?. " Y*+<7" *9" ><)&' . &" H(,," 6* 15, . ' . " <+ (%@ " <

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