

!

' (!) *+, %-./0!12!3%./%-*!4*/#-+1!
5#678/0!12!9%#8/(! : 6+%*6%.!
: 6(118!12!; +%%. +181\$0!

; <=>>?>@!

3%861A%/1!

! "\$%&# ' %()*+,)-. /(#01&)203#4#3/)1' \$)56%,0#(%)#')7&\$%,)2\$"&3(B!

C#*7#-0!DE&?!

<* ./-76/1-F! !	GA#0!; *+\$ (/H" (I H!J "' H!K: G"LKG"M! ! ! ! ! ! ! !
GA#8F! ! !	%N*+\$ (DO7P106#!
422+6%!917-.F! !	R+ /7#8!1-!S0!#TT1+*/A%*/!U#. !#, #0#S8%!#-17*V!A0!68+*+6#8! .6(%V78%W

"#\$%&!&!

!

&Q I %.6-tS%!T(O.+181\$+6#8!6(#*\$\$.!#..16##/!%V!P+/(!#\$+*\$H!#.!P%88!#.!.+..N.!Y!S%*%2+/.!12!T#-/+6+T#/+*\$!
+*!#6/+ ,+0!21-!/(%!18V%-!#V78/!

DQ GcT8#+*!T(O.+6#8!#6/+ ,+0!T-%.6-t/+1*!/(#/+!.!/#+81-%V!/1!/(%!*%V.!12!/(%!18V%-!#V78/H!+*687V+*\$!
T-%.6-t/+1*!.!/#+81-%V!/1!61AA1*!6(-1*+6!61*V+1*!.!#*V!V+.%#.%!#..16##/!%V!P+/(!#\$+*\$!

XQ "-#6/+6%!6-t/+6#8!#TT-#+.#8!#*V!-%28%6/+1*!12!# ,#8#S8%! ,+V*%6%!

>Q K1AA7*+6#/%!N*1P8%V\$%!/(-17\$(!P-+/%*!U%Q\$Q!T#T%-H!/%./..W!21-A#/.!

]#- *%- .!#-%!cT%6/%V!/1!#//%*V!#*V!T#-/+6+T#/%!+*!8%6/7-%.Q! [.!#!68# .H!P!
(# , %!/(%!+\$(/!1!#16-%#/+, %!#*V!-%.T%6/278!8%#- *+*\$!%* , +1*A%*!/(#!T-1A1/%.!N*1P8%V\$%!#6^7+. +/+1*!
#*V!#TT8+6#/+1*Q! '1!#6(+%, %!/(+H!P%!(# , %!/(%!6188%6/+ , %!-%.T1* .+S+8+0/1!%*\$#\$%!+*!S%(# , +17-.!/(#!)

!

!
!
9%0P#-VH!R9QU, #-+17. !%V+1* .!&j j i LDE&>WQ! [V, #*6%V!2+/*%..!#..%..A%*/!#*V!%C%-6+. %!T-%.6-+T/+1*Q!
48V%-!61T+%. !#-%!#, #&#S8%!!+*!(#-VL61TOH! /(-17\$(!/(%!) 3 4!8+S-#-0Q!
!
"#-/+6+T [K' <4=F![\(//T.faaPPPQT#-/+6+T#6/+1*061A!](#)
!

"#\$%IX!

!

!

]#- *%-. !#-%!T%-A+/%V!/1!7.%!/%6(*181\$0!V7-+*\$!8%6/7-%. !/1!# . .+./!P+/(!8%#- *+*\$0!91P%, %-!8%#- *%-. !#-%!
%*617-#\$\$V!/1!7.%!/%6(*181\$0!-%. T%6/27880!#*V!-%. T1* .+S80!. 1!#.!*1/!1!+*/%-2%-!P+/(!1/(<%-g.!8%#- *+*\$0!!

!

`%61-V+*\$!12!8%6/7-%. !U%Q\$0!#7V+1H!, +V%1W!+. !T-1 (+S+/%VQ!!

)

)

2FF;=:7A2D)<=2=5C5A=<

<3"\$%' 3)>+\$(%)>+ '\$" 03!

' (%!T7-T1.%!12!/(%!K1V%12!: /7V%*/!K1*V76/!+. !/1!V%2+*%!/ (%!\$%*-#8!./#*V#-V!12!61*V76/!%CT%6/%V!12!
./7V%*/. !-%\$+. /%-%V!#/' (%!) *+, %- .+0!12! 3%. /%- *!4*/#-+1H!T-1, +V%!%C#AT8%. !12!S% (#, +17-!/(#!
61* ./+7/%. !#!S-%#6(!12!/(+!. /#*V#-V!12!61*V76/H!T-1, +V%!%C#AT8%. !12!. #*6/+1* .!/(#!A#0!S%+AT1.%VH!
#*V!. %/!17!/(%!V+. 6+T8+*#-0!T-16%V7-%. !/(#!/(%!)*+, %- .+0!P+88!21881PQ!!51-!A1-%!+*21-A#/+1*H!, +. +/!
[\(//TfaaPPP07P106#a7*+, .%6aS1#-Va61V%0TV2](#)

3 (%*%, %-!T1. .+S8%#!. /7V%* /!P(1!-%^7+-%!#6#V%A+6!#661AA1V#/+1*!. (178V!T-1, +V%!*1/+2+6#/+1*!#*V!
V167A%*/#/+1*!+*!#V, #*6%!12!V7%!V#/%. H!%c#A+*#/+1* . H!%/6Q! : /7V%* /!A7. /!21881P!7T!P+/(!/(%+!
T-12%. . 1-.!#*V!/(%+![6#V%A+6!K17* . %88+*\$122+6%+*!#!/+A%80!A#**%-Q!! 167A%*/#/+1*!21-!#*0!-%^7%. /!21-!
#661AA1V#/+1*!. (#88!S%! . 7SA+/%VH!# .! . 11*!# .!T1. .+S8%#!/1!/(%!#TT-1T-+#!/%! [6#V%A+6!K17* . %88+*\$!422+6%!
12!/(%!. /7V%*/q. !5#678/0!12!-%\$+. /-#/+1*Q!!

)

<0. +&1(3#0)7**%' 0%()

: 6(18#. /+6!122%*6%. !#-%!/#N%*!. %-+17. 80!#*V!. /7V%* /!#-%!V+%6/%V!/1!-%#V!/(%!#TT-1T-+#!/%T18+60H!
. T%6+2+6#880H!/(%!V%2+*+1*!12!P(#/!61* . /+7/%. !#!: 6(18#. /+6!422%*6%!!#!/(%!21881P+*\$!P%S. +/%F!
[\(//TfaaPPP07P106#a7*+, . %6a\(#*VS11Na#TT%#8. a. 6\(18#. /+6mV+. 6+T8+%m7*V%-\\$-#VQTV2!Q!!](#)

!

[VV+1*#880H!!

&Q [88!-%^7+-%V!T#T%- .!A#0!S%! . 7S!%6!/1! . 7SA+. .+1*!21-!/%c/7#8! . +A#8#-+0!-%, +%P!/1!/(%!61AA%-6+#8!
T8#\$+##-. A!V%/6/+1*!. 12/P#-%!7*V%-!8+6%* . %!/1!/(%) *+, %- . +0!21-!/(%!V%/6/+1*!12!T8#\$+##-. AQ! [88!
T#T%- .! . 7SA+/%V!21-! . 76(!6(%6N+*\$!P+88!S%!+*687V%V!# .! . 17-6%!V167A%*/. !+*!/(%!-%2%-*%6!
V#/#S#. %!21-!/(%!T7-T1. %!12!V%/6/+*\$!T8#\$+##-. A!12!T#T%- .! . 7S. %^7%*/80! . 7SA+/%V!/1!/(%!
. 0. /%AQ!) . %!12!/(%!. %-, +6%+ .! . 7S!%6!/1!/(%!8+6%* . +*\$!#-\$-%A%*/H!67--%*/80!S%/P%*%*!' (%!
) *+, %- . +0!12!3%. /%-*!4* /#-+1!#*V!' 7-*+/*061A!U(//TfaaPPP07-*+*061A!WQ!

DQ K1AT7%-LA#-N%V!A78/+T8%L6(1+6%!/%. / .!#*Va1-!%c#A. !A#0!S%! . 7S!%6!/1! . 7SA+. .+1*!21-!
. +A#8#-+0!-%, +%P!S0! . 12/P#-%!/(#!P+88!6(%6N!21-!

!

%c#A!P+/(#!, #8+V!-%#. 1*!P+88!(#, %!/(/%!2+*#8!%c#A+*#/+1*!-%LP%+\$(/%V!#661-V+*\$80Q!' (%!: 6(118q. !T18+60!+. !
1!/1!#881P!A#N%L7T. !21-!. 6(%V78%V!A+V/%-A. H!T-%. %/#/+1*. H!1-!2+*#8!%c#A. H!*1-!/1!#. . +\$*!#!\$-#V%!12!
<*61AT8%/!P+/(17/!#66%T/#S8%!*#*V!, %-+2+#S8%!A%V+6#8!U1-!%^7+, #8%*/!61AT#. . +1*#/%W!-%#. 1*. Q!
[66%T/#S8%!-%#. 1*. !A+\$ (/!+*687V%!(1. T+/#8!. /#0. H!. %-+17. !+88*%.. H!2#A+80!%A%-\$%*6+%!. !U8+N%!.%-+17. !
#66+V%*/. !1-!+88*%.. H!V%#/(W!1-!. +A+8#-!6+67A./#*6%. Q!
!
!

""#\$%!Z!

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