

!

!"#\$%&'()#**%, '(\$-.%#/(0\$(10\$20"\$3\$4\$#56(.%5", '."4%+.7%
#\$\$%&'%(1869"2\$#/#0% \$;<\$9")#\$\$%

!

)%*!+'*\$,-.&(!/%*!.-0'!/-%!123456%!.&%77&(!/-%14%&*829&!:/%%!%-,%*!/%2&.0'%,!;0'27%!,!
<5.'-,4&\$,!9-!/%*!%***-0'&%,!<-*=7-0'=%&!>2!/?%*47%-0'%,!2,/!/%,!/5>@-.0'%,7-%4%,/%,!
<-%*/%45,4!,50'>2>-%0',%,(!6%4-,,&!9-!%-%,%9!8',7-0'!2,4%.-0' %*&%,!A,&%*,%'9%,(!@-%!%!.!
/-%!;0'274*B,/2,4!.%76.&!4%@%.%,!-.&C!%.!4-7&(!-%,%!DB7%!?\$,!E59%,(!1,.-0'&%,(!F-%7%,!4%\$*/,%&!
2,/!52.4%@\$4%,!/5*>2.&%77%,(!.!92G!%-,!;&5H%!?!%*4-76&%*!5H-%*%(!!*\$&\$=\$77%(J%*-0'&!&!
/2*0'4%678&&%*!2,/!-,!F2.599%,!5,4!4%6*50'&!@%*/%,(!2,/!%.!.-,/!'576?%*4%.%,%!
#%.H*80'%(!K*L*&%*2,4%,!2,/!M\$*.0'784%!= \$**%=&!-,!J%@2G&.-,!>2!%6%,N!)5.!<-0'&4.&%!2,/!
520'!/5.!;0'@-%*-4.&%!5,!%-,%*!+'*\$,-!/=%*!)%2&.0'%,!;0'27%!,!<5.'-,4&\$,!56%*!-.&(!/-%!
?-%7%*7%-!/?%*.0'72,4%,%,(!.-0'!4%7%4%,&7-0'!/?%*@-%**%,/%,!D8/%,(!52.!/%,%,!/5.!%'2&4%!#%6-7/%!
4%=,BH3&!@2*/%(!>2!%-,%9!#*2,/92.&%*!@%*/%,!>2!75..%,(!/5.!/%,!/?-%7387&-4%,!F-%7%,!577%*!5,!
/%*!;0'27%,&@-0=72,4!J%&&-7-4&%,!4%9%-,.59!@5*12,/!-.&C!37%4%!/%*!/%2&.0'%,!;H*50'%(!/%*!
027&2*12,/!M%*9-&&72,4!/%*!#%9%-,.59=%-&%,!>@-.0'%,!K2*\$H5!2,/!19%*-5(!/?%*62,/%,!9-!&!
/%9!P-,3B'*,!/=%*!;0' B7%*!>2!Q\$7%*5,>(!10'&2,4!2,/!R%.H%=&!?\$*!5,/=%*,!#%4%6%,%'-%&%,!2,/!
/%9!J%9B'%,!29!M%*.&8,/,-.!2,/!M%*.&8,-/42,4!520'!2,/!4%*5/%!-,!=\$,37=-&&*80'&-4%,!
;-&25&-\$,%,N!

!

<\$9-!6%45,,!.-%157.\$(!/-%!:/%%!%-,%*!/%2&.0'%,!;0'27%!,!<5.'-,4&\$,S!K*.&%!-.\$7-%&!1,.8&>!&!
>2!O2*.%,!-,!/%*!/%2&.0'%,!;H*50'%(!>29%-&!5,!;59.&54?*\$*9-&&54%,(!.\$77%!.-9!R529%!
<5.'-,4&\$,16%*%&.-!,!/=%*!T-&&!/%.!'!UN!V5' **2,/=%&!.4%4%6%,!'56%,N!.\$!-,!J57&-9\$*(!-,!

!



17%X5, /*-5!2, /!-9!) -. &*-0&!\$3!+\$7296-5!. %76. &N!79!A, &%* .0' -%/!>2!E%@!Y\$*=!2, /!| ' -75/%7H' -5(!
+' -054\$!2, /!T -:@52=%%(!+-, 0-, , 5&-!2, /!; &N!Z\$2-.!@5*!/-%!P52H&. &5/&!/%*!A; 1!2, /!-' *%!
A94%62, 4!, -%!%- , !P52H&%-, @5, /%*2, 4.4%6-%&!3B*!) %2&.0' %(!. \$!/5G!520' !/%9!-9!V5' *%!" [[W!
6%4\$, , %, %, !M%* .20' !%-, %*!/%2&.0' %, !; 0' 274*B, /2, 4!-, !17%X5, /*-5!\M5N!]/2*0' !R566-, %*!
ZL@%, .&%-, !=%-, !K*3\$74!6%.0' -%/%, !@5*N!
!

K-, %, !E%25, 35, 4!2, &%*, 5' 9!/%*!' %2&%!, \$0' !6%. &%' %, /%!+\$, 0\$*/!+726!"U^_!%*!*-0' &%&%!-, !/%*!
Q' \$9. \$, !; 0' \$7!5, !/%*!"WN!2, /!Z!; &*5G%-!, !<5. ' -, 4&\$, (!) N+N!. 59. &54. !/%2&.0' %!; H*50' =2* .%!
3B*!; 0' B7%*!%- , !9- &!/%9!F-%7(!. H8&%*!%- , %!#5, >&54. .0' 27%!/5*52. !@%*/%, !>2!75. .%, `!/-%. %! 78, %!
@2*/%, !/2*0' !/%, !F@%-&%, !<%7&=-%4!>%* .&L* &N!79!T -&&%7H2, =&!57!/-%. %*!J%9B' 2, 4%, !. &5, /!
. &%&. !/%*!<2, .0' !/%*!K7&%*, (!/-%!52.!) %2&.0' 75, /!4%=\$99%, !@5*%, (!-\$, 0&, \$7%*!%- , %!#5, >&54. /\$&\$99%, !\$07. ,

99&!(-0, /2, *!%- .!*/%2&.0' %&, \$7%*!%- , %!42.

N-, !K!V5B' 2, 4%-9%*!/%2&.0' %7, 0' 75.c4\$!2, /, /!B*!e257-3->0' *&79!

. . B*!59!W_N!f=&\$6!/%*U_g, 4!2, &!M\$* .-&!9!?\$B* <\$734, 35, fH3%*9H\$!*@2**, (%@5*!/-[(K*!*-0, /2, N!2, 9!)]TJ0-1

* 2 H H % ! ? 9 . \$, !

5". ' %(\$46(0%)%3\$(26#%A, '))<%#%
B6+ ' "#4.)#7%("+.%) ;%6<1%.%+%)%%\$(@\$%
3\$(26#D+E\$6*"#4%E\$)E<\$%5')%) 2\$%)%' \$%
,6E".6<%) ;%' \$%F#" . \$O%A.6. \$+%) (%6%) 2ED
6(6."@<?%') (. %E\$(")0%) :%6%\$5%R\$6(+%6#0%
5')+\$% ' "0(\$## 6@\$% 60%0"; ; , /<."\$+%4\$. ."#4%
60G/+.\$0%)%' \$%H2\$(",6#%+, '))<%?+. \$27%I ' \$%
+, '))<1%6+%6<%) /(%3\$(26#%+, '))<+%6-()601%+%
)E\$#%)%' "0(\$#%) ;%6<#%6.")#6<."\$+7%I%+, '))<%
"+%)#%) ;%' \$%- \$+. %E<6, \$+%) (%R) /#4%E\$)E<\$%) %
2\$\$.%6#0%26*\$% (" \$#0+7%I ' \$?%5"<#%\$@\$ (%
;) (4\$.% " "+%\$9E\$("\$#, \$%' ()/4') /.% ' \$'(%@"\$+1%
6#0%#%# \$(\$<?%- \$<\$@\$% ' 6.% " "+%# \$5%3\$(26#%
A, '))<%#%B6+ ' "#4.)#DD5' ", ' %+% ' \$%"(+.%)#\$%
"#% ' \$%F#" . \$O%A.6. \$+DD5"<%6<+) %\$(@\$%' \$%4)6<%)
);%- \$.. \$(%2/./6%/#0\$ (+.6#0"#47=!

!

)-%.%. !=27&2*H\$7-&-.0' %!0\$, >%H&!%, &@\$*3%, !

@%, -4%! <\$0' %, !, 50' !/%9!J52!/%*!J%*7-, %*!

T52%*(!-. &!3B*!/-%!*\$*45, -.5&\$*-.0' %, !J%9B' 2, 4%, !/%*!; 0' 27?%*- , .?*\$. &8, /%(!3B*!/-%!

123, 5' 9%H\$7-&= !/%*!; 0' 27%(!3B*!/-%!H8/54\$4-.0' %, !2, /!.&*2=&2*%77%, !iM%*8, /%*2, 4%, !2, /!

R%3\$*9%, !/2*0' !/-%!*?%*.0' -%/%, %, !#*%9-%, !/%*!; 0' 27%!2, /!/%*!K7&%, .0' 53&!.&%&. !4%9%- , .59%.!

F-%!4%67-%6%, N!2, /!%. !' 5&!/-%!>%-&@%-.%!.&B*9-.0' %!K, &@-0=7

9-8%- 5, /%!*?%*62, /%, !2, /!/?%*=, BH3&(!
4%7%4%, &7-0' !520' !?%*=, \$&&!.-, /C!%- , 957!
/2*0' !/-!%, 454-%*&%(12, %*9B/7-0' %!2, /!
/2*0' !, -0' &.!>2!%, &92&-4%, /%!F8' -4=%-&!
2, /!P5*&, 80=-4=%-&(!/-!6%*%&.!/%, !
J%4-, , !/%*!; 0' 274*B, /2, 4!9L47-0' !
950' &%C!.-%! ' 5&!. -0' !6%-!/%, !K7&%*, !2, /!
/%, !B6*-4%, !T-&47-%/%*, !/%. !; 0' 27c
?%*%-, .!6-. !' %2&%!2, 4%6*\$0' %, !%*' 57&%, N!
)% .!<%-&%*%, !/2*0' !/-!6-. ' %*!.-%6%, !
; 0' 27?%*%-, .?*\$.&8, /%(!, !/%, %, !9%' *!
57. !%-, ' 2, /%*&M8&%*!2, /!TB&&*(!\$3&!, !
?-%7. &B, /-4%, !; -&>2, 4%, !6-. !, !/-!3*B' %, !
T\$*4%, .&2, /%, !' -, %-, (!%' *%, 59&7-0' !5, !
/%, !D-, 5, >c!2, /!Q*5, .H\$*&H*\$67%9%, !
/%, !A, &%*6*- , 42, 4..0' @-%*-4=%-&%, !2, /!
!%*. \$, 57=B99%*, -. .%, (!/%, !Z%' *H78, %, (!
/%*!) -33%*%, >-%*2, 4(!/%, !) -.>H7-, 5*c(!
P52.c(!: 0' 27c(!! *B32, 4.c(!M%*. %&>2, 4.c(!
123, 5' 9%c!2, /!/2&>%, /%, !5, /%*%*!
R-0' &7-, -%, !2, /!f*/ , 2, 4%, !9-&4%c
5*6%-&%&! ' 56%, N!
!

)-%. !2, &%*!. 50' =2, /-4%*!2, /!9%, .0' 7-0' !
?\$*6-7/7-0' %*!DB' *2, 4!//%*!%@%-7-4%, !
M\$* .-&>%, /%, (!/%*%, !I%*. L, 7-0' =%-&!2, /!
12..&*5' 72, 4!6-. !' %2&%!2, ?%*4%. .%, !
.-, /C!<\$7345, 4!fH3%*95, , !\"U_\"c\"U_h](!
D*5, >!ZB&\$73!\"U_hc\"U_k](!I%&%*!P%-/%, c
6%*4%*!\"U_kc\"U_U](!P5, .!; 0' , %-/-%*!
\"U_Uc\"Uk_c](!V5, !R%-3%, 6%*4!\"Uk_c
\"UkU]!2, /!K*, .&!176*%0' &!+\$, *5/!\"UkUc!
]N!
!

V%//%*!/-%. %*!M\$* .&8, /%! ' 5&!523!. %- , %!
<%-. %!/-%!-' 9!. 5&>2, 4. 4%98G!57. !
; 0' 27&*84%*!\$67-%4%, /%, !123456%, !>2!
6%@87&-4%, !4%. 20' &C!/-!%; 0' 27%!*%0' &7-0' !
, 50' !-, , %, !2, /!52G%, !>2!/?%*&%&%, (!/-!Z%' *%*!2, /!1, 4%. &%77&%, !>2!/?%*H37-0' &%, !2, /!>2!
%, &75. .%, (!/%, !P52. ' 57&. H75, !523>2. &%77%, !2, /!-, !K-, , 5' 9%, !2, /!12. 456%, !52. >247%-0' %, (!/-!%!
Z%' *H78, %!>2!/?%*56.0' .-%/%, !2, /!+' 5*5=&%*!2, /!123652!/%*!; 0' 27%!>2!6%. &-99%, N!177!/-%. !
4%.0' 5' !-, !%, 4%*!2, /!/?%*&*52%, .?\$77%*!F2. 599%, 5*6%-&!9-&!/%*!J\$&.0' 53&!/%*!J2, /%. *%H267-=
)%2&.0' 75, /!2, /!B6%*!/-%. %!9-&!/%9!12. @8*&-4%, !19&(!/%*!F%, &*57. &%77%!3B*!/5. !
12.75, /..0' 27@%. %, !2, /!/%*!027&2. 9-, -. &%*=\$, 3%*%, >N!; %7&%, !' 5&!%. !6%-!/-%. %*!F2. 599%, 5*6%-&!

4%9%- .59%(!/%, !!@%-7-4%, !: -&25&-\$, %, !H*5495&-.0' !2, /!37%X-6%7!5, 4%H5. .&%, !O\$9H*\$9-..%! 2, /! !*\$67%97L.2, 4%, !>%24&N!

!

)%*-!, , %*%!123c!2, /!12.652!/%*!; 0' 27%!-9!H8/54\$4-.0' c.&*2=&2*%77%, !J%*-0' !@2*/%!2, &*&!/%, ! 6%-/%, !%*.&%, !: 0' 27%-&*&, !P%- ,>!; =75*>=!\''U''c''U_h]!2, /!?\$*!577%9!K*-0' !07%- ,.0' 9-/&!\''U_hc ''Uk^]!6%4\$, , %, !2, /!>%7.&*&6-4!@%-&*&4%3B' *&N!K*-0' !07%- ,.0' 9-/&(!/%*!52.!P%. .%, !=59(!, ! 0' % .57\$, -=!%*.&%!12.75, /.%*35' *2, 4%, !.599%7&!2, /!.&5&&! ,50' !<5.' - , 4&\$, !35.&! ,50' !Q\$=-\$! 4%45, 4%, !@8*(!@5*!2, /!67-%6!*-0' &2, 4@%- .%, /!3B*!/-!F*-%, &-%*2, 4!/%*!; 0' 27%!523!/-!/%2&.0' %! R%-3%H*B32, 4! - ,N!K*!7%*5, 75. .&!/-%!K*.&%7!2, 4!2, /!.H8&%*!R%?-.-\$, !?\$, !Z%* *H78, %, !2, /!6%&*-%6! 2, ?%*/*\$.%, !/5.!2, %, /7-0' !9B' .59%!#%.0' 83&!/%*!M\$*6%*-&2, 4!/%*!; 0' 27%!523!/-!/%* .&%, ! ;0' 72..H*B32, 4%, !, 50' !075. .%!''g!\''U_[c''UkW]!2, /!/5, , !/-!1, %*=%, , 2, 4!/%*!; 0' 27%!57. !m>2*! R%-3%H*B32, 4!3B' *%, /n!\''Uk''c''Uk^]N!E50' !3B, 3!*%3\$74*%-0' % , !; 0' 72. .c!2, /!>@%-!%6%, 3577.! %*3\$74*%-0' % , !R%-3%H*B32, 4%, !@2*/%!/-%*!; 0' 27%!59!''^N!T 8*>!''Uk^!/-!%!?77%!1, %*=%, , 2, 4!/2*0' ! /-%!027&2. 9- , .&*&=\$, 3%*, >!, !J\$, , !>2*%=5, , &(!%- , !.&\$>%*!Q54!-, !/%*!K, &@-0=72, 4!2, /!%- , ! H%*.L, 7-0' %*!Q*-29H' !3B*!K*-0' !07%- ,.0' 9-/&C!, -0' &!-, 957!>@L73!V5' *%!6*520' &!/-!%; 0' 27%!?\$, ! /%*!#*B, /2, 4!6-.!>2*!?\$77%, !1, %*=%, , 2, 4N!17.!! *B32, 4.6%523&*54&%!/-%*!027&2. 9- , .&*&c =\$, 3%*, >!@2*/%, !>@-.0' % , !''U_[!2, /!'U[''!, 50' !<5.' - , 4&\$, !%, &.5, /&C!/-!P%***, !!*\$3N! 1.. 95, , !; 0' 7%. @-4cP\$7.&%- ,](!0*\$4!P%. .%,](!; 0' *L/%*!R' %-, 75, /c! 357!>(!)- %!7!E\$*/*' %-, c <% .&357%,](ID*52!) *N!O-HH%*!P%. .%,]!2, /!>27%&>!) *N! <-7' %79!P50' 4%, %-!R' %-, 75, /c! 357!>]N!177%! 7\$6&%, !/%, !Z%-.&2, 4. .&5, /!2, /!/%, !Z%-.&2, 4. @-77%, !/%*!; 0' B7%*(!/-!4*B, /7-0' %!M\$*6%*-&2, 4! 2, /!) 2*0' 3B' *2, 4!/%*!! *B32, 4%, !/2*0' !/-!%6&&-7-4&%, !Z%' *%83&!2, /!/-!%* .&52, 7-0' % , ! D\$*&.0' *-&&%(!/-!/-!% .%!; 0' 27%!-, !*%75&?!=2*>%*!F%&!4%950' &! 5&&&! .-%!?!%*9-&&7&%, !56%*!520' ! 52.!' *%, !K*35' *2, 4%, (!/-!% .%!5, !/%2&.0' % , !; 0' 27%, !-9!7, c!2, /!12.75, /!4%.599%7&! 5&&&, (! @%*&?\$77%!2, /!=\$, .&*2=&-%*!M%*6%. .%*2, 4.c!2, /!K, &@-0=72, 4.?\$* .0' 784%N!

!

)-%!4%9%- .59%, !2, /!=\$, >%, &*-%&%, ! J%9B' 2, 4%, !3B' *&%, !/5>2(!/5. .! - , >@-.0' % , !/-!%) %2&.0' %!; 0' 27%! <5.' - , 4&\$, !57. !%- , %!/-%*!e257-&5&-?! 6%.&%, !/%2&.0' .H*50' -4%, !12.75, / .c .0' 27%, !4-7&(!?\$, !/%, %, !, 2, !h^!-, !577%*! <%7&!>2*!P\$0' .0' 27%-3%!3B' *%, N!T -&! /%9!; 0' 27!5' *!''Uk[okU!@2*/%!/-%! R%3\$*9-%*%&!F6%* .&23%! ,50' !/%9! T5- ,>%*!T\$/%77!%- , 4%3B' *&!\''U[''!7%4&%, ! , 50' !/-%. %9!T\$/%77!Wa!I *B37, 4%!/-! %* .&%!%3\$*9-%*%&!16-&2*H*B32, 4!56N!K-, %! /%&5-77-%*%&!; &5&- .&=(!/%*!/-!F5' 7!2, /!/-!%! E5&-\$, 57-&8&!/%*!16-&2*-%, &%, !>@-.0' % , ! ''Uk''!2, /!'U[''!>2!%, &, %' 9%, !-.&(13-, /%&! .-0' !5, !5, /%*%*!; &%77%!/-%.%*!; 0' *3&C!% .! @5%*, !''''''!; 0' B7%*- , , %, !2, /!; 0' B7%*!52. ! [!Z8, /%*, !Wg!; 0' B7%*! 5&&&, !-' %! 4%.59&%; 0' 27%&-!5, !/%*!) %2&.0' % , ! ;0' 27%!<5.' - , 4&\$, !?%*6*50' &N!

!



!

123652%, /!523!/-%.%9!.\$7-/%, !D2, /59%, &!= \$, , &!P\$*.&!J*%0=@\$7/&(!/%*!52.!E\$*/*' %-, c
<%.&357%, !=59!2, /!.%-, %!12.75, /..0' 27%*35' *2, 4%, !-, !1&' %, !2, /!5*-.!*@\$*6%, !' 5&&%(!

A, &%**'-0' &.4%.&57&2, 4!%' \$33&%, !12G%*!>5' 7%-0' %, !164%\$*/ , %&%, !/%.!) %2&.0' %, !J2, /%. &54%.(!
M%*&*&%, !/%.!12.@8*&-4%, !19&.!2, /!/%*!/%2&.0' %, !#%, %*57=\$, .275&%!-, !/%, !A; 1!=59%, !57.!
-, &*&%. .-%*&!J%.20' %*!/-!027&2.9-, -.&*&! \$3M! 527!T -=5&\E\$*/' %-, c<%. &357%,](!) *N!J%*, ' 5*/!
M\$4%7!\R' %-, 75, /c! 357>]!2, /! \$3M!Z2/@-4!?\$, !D*-%/%62*4!\P%. .%,]N!K-, %!M-%7>5' 7!?\$, !1*&=%7, (!
R%H\$*&54%, !2, /!D-79%, !B6%*!/-%!; 0' 27%!@2*/%!, !59%*-5, -.0' %, !2, /!/%2&.0' %, !T%/-%, !
?*6*%-&*&(!. \$!/5..!/-%!; 0' 27%!99%*!@%-&!*!6%=5, , &!@2*/%!2, /!' *%, !42&%, !R23!3%.&-4&%) -!
; 0' 27%!@5*!?-7%*\$*&.!-9!#%.H*80' (!, 2*!45, >!.%7&%, !4%*-%&!.-!-, .!#%*/%N!
!

F2*!D%.&-42, 4!/%.!.-, , %*%, !#%3B4%.!&*24%, !>@%-!#*%9-%, !6%-C!!
!

"N!) %*!K7&*, 6%*-5&(!/%*!.0' !52. !M%*&*&%, !577%*!; 0' 27=75..%, !>2.599%, .%&&!2, /!18' *7-0' !, %2!
4%&8' 7&!@-* /N!K*! ' 5&&%-99%*!/%, !2, 9-&&765* .&%, !0\$, &5=&!>2!/%, !K7&*, !2, /!; 0' B7%*, !2, /!
.HB*&!/5' %*!>2%*.&(!@!\$!; 0' @-%*-4=-&%, (!R%-62, 4%, !2, /! \$67%9%!>2!%, &.&%' %, !/*\$' &%, N!
) 2*0' !\$33%, %(!95, 0' 95!92&-4%!#%.H*80' %!9-&!/%, !pJ%&-7-4&%, !=\$, , &%!%*\$3&!; H*%, 4.&\$33!
6%.%&-4%, (!%' %!%.!>2!1*4%*!2, /!M%*/*2. !59N!R\$6%*&!RL, &4%, !\"Ukgc\"Ukh](!) *N!:, 4%K, >-, 4%*!
\"Ukhc\"U[g]!2, /!P%745!; -%6%*&!\"U[gc]! ' 56%, !.-0' !57. !M\$* .->%, /%!%- , % , !E59%, !4%950' &!2, /!
M%*/-%, .&%!%@\$*6%, N!
!

WN!K-, !@%-&%**!K7&*, =*%-.!, 5' 9!.-0' !-9!Z523!/%*!V5' %*!9%' *!2, /!9%' *!/%*!5&9\$.H' 8*-.0' %, !
12.4%.&57&2, 4!/%.!.; 0' 277%6%, .15, C!&' %!D*-%, /.!\$3!&' %!#%*95, !; 0' \$\$7N!
!

0*-.&57-.5&-\$, .H2, =&!@5*!/%*!<%-' , 50' &.65>5*!59!WN!) %>%96%*!
"U_k(!/%, !: 5!D*%-3*52!?\$, !; &50=%76%*4!>2.599%, !9-&!) 59%, !/%'!
) %2&.0' %, !J\$&.0' 53&!?%*5, .&57&%%&!J%.20' %*>5' 7C!aggg(!
R%-, %*7L.C!A; c) \$775*!\"WN!ggg]N!A9!/%, !K, &' 2.-5.92. !>2!%*' 57&%, !
2, /!/%, !3B*!/-%!; 0' 27%!6%.&-99&%, !K*7L.!.-, , ?\$7!>2!?%*@%, /%, (!

4%, 5, , &, !F@%0=%, !>242&%4%=\$99%, !.-, /(16%-!-, %9!M%*@57&2, 4.523@5, /(1/%*!45*!, -0' &!, .! #%%@-0' &!3577&N!

!

)%*!+' *\$, -. &!-. &!/%9!4%\$*/ , %&%, !167523!/%*!F%-&(!%*!-. &!/%9!0' *\$, \$7\$4-.0' % , !E50' %-, 5, /%*! ?\$*52.4%-%7&N!) -%!b6%*3B7%!(/%*!) 5&%, (!E59%, (!J%4%6%, ' %-%, !2, /!H%*.L, 7-0' % , !K*-, , %*2, 4%, ! ' 5&!-' , !35. &!B6%*@87&-4&N!) 5' %*!92..! , 2, !@-%/%*!>2*B0=4%45, 4%, !@%*/% , !>29!%*.&%, ! 4%9-%&%&%, !#%682/%!59!T 501*' &' 2*!J\$27%?5*/(!/5.-!9!; %H&%96%*!'!''U_''!6%>\$4%, !@2*/%!2, /! /5.!.0' cc@-%!35. &!577%(!/-%!, \$0' !3\$74%, !. \$77&%, (!520' cc.0' \$, !, 50' !=2*>%*!F%-&!57. !>2!=7%- , !2, /!>2! %, 4!%*@-%. (!m52. !577%, !E8' &%, !H75&-&%q(!@-%!-, !/5957-4%*!J%*-0' &!, \$&-%*&N!

!

; \$!6%45, , !6%*%-&. !-9!>@%-&%, !V5' *!/%. !J%. &% ' % , .!/-%! 75, 4@-%*-4%(15, .&*% , 4%, /%!2, /!\$3&!%, &&82.0' % , /%! ; 20' %!, 50' !%- , %9!4*LG%*% , !2, /!4%-%4, %&%*% , ! ; 0' 274%682/%!N!) -%!M\$* .&5, / . 9-&47-%/%*(!/-%!Z%' %*! 2, /! -73.6%*%-&!K7&%* , !.0' @8*9&%, !-, !/%*!A94%62, 4! /% .!

; 0' 274%682/%. !59!T 501*' &' 2*!J\$27%?5*/!52. (!3B' *&%, ! M%*' 5, /12, 4%, !9-&!)- *%=&\$*% , !H*-?5&%*!; 0' 27%, !2, /! #%- .&7-0' % , !?%*.0' -%/ , %*!0*0' % , 4%9%- , /% , (! -%! H*B3&%, !7%*. &% ' % , /%!#%682/%!2, /!0*0' % , *829%(!. -%! .&2/-%*&%, !F%-&2, 4.5, >%-4%, !2, /!35, /% , !.0' 7-%G7-0' !

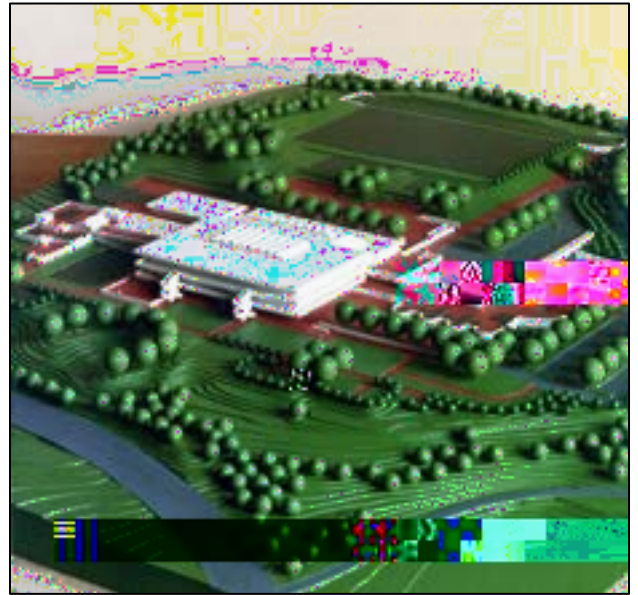
, 50' !75, 4%9!; 20' % , !/-%!+' % .&%*6*\$=\$!T%&' \$/-. &! +' 2*0' !-, !T0Z%5, (!M5N!) -%!-, >@-.0' % , !50' &!; 0' 27c =75..% , !2, /!>@%-!0-, /%*45&%, 4*2HH%, !>\$4%, !-9!1H*-7!''U_^!29N!120' !-, !/%*! , %2%, ! H*\$?-.\$*-0' % , !A, &%=2, 3&!@5*!.0' \$, !, 50' !=2*>%9!/-%K, 4%!B6%*57!6%/*B0=%, /!. HB*65*(!.\$! /5. !/%*!M\$* .&5, /!2, /!/-%!J\$&.0' 53&!/%*!J2, /%. *%H267=!) %2&.0' 75, /!-9!12. @8*&-4%, !19&! ?\$* .&%77-4!@2*/% , !9-&!/%*!J-&&(!/-%!J2, /%. *%4-%*2, 4!9L4%!%- , !#*2, / .&B0=!523%, !2, /!%- , ! 3%.&%. !4%-%4, %&% .!; 0' 274%682/%!*%*-0' &%, (!/59-&!%- , !4%\$*/ , %&%*!A, &%**0' &!9L47-0' !@%*/%N!) %*! J%. 20' !/%. !Z%-&%* .!/%*!027&2*56&%-72, 4!/%. !12. @8*&-4%, !19&. (!) *N!) -%&%*!; 5&&7%*(!-9!P%*6. &! ''U_h(!@5*!%- , %!47B0=7-0' %!DB42, 4C!%*!@2*/%!-, !/-%!; 20' %!, 50' !%- , %9!4B, .&-4%, !#*2, / .&B0=!9-&! %-, 6%>\$4%, (!2, /!%*!@2*/%!?\$, !/%*!) *-, 47-0' =%-&!%- , % .!%-4%, % , !#%682/%. !B6%*>%24&N!) 5. ! 12. @8*&-4%!19&!. &%77&%!'!''U_a!%- , % , !J%&*54!?\$, !''(^!T-\$!) T!6%*%-&!-9!V5, 25*!'!''U__!@2*/%!/5. ! #*2, / .&B0=!Uhhg!Z\$45, !) *-?%!, !I \$&\$950(!T /N!4%=523&(!/5. !?%*=%' * . 98G-4!/2*0' !/-%!R-?%*!R\$5!/ 2, /!/-%!R-, 452&\$65' , !42&!%*.0' 7\$. .% , !@5*!2, /!/5. !47%-0' @\$' 7!/2*0' !*2' -4%!2, /!@57/*%-0' %! A94%62, 4!/-%57!.0' -%, !N!T%' *!57. !_!10*% .!05M!Wa!f!gg!e9]!. &5, /% , !57. !J524*2, /!3B*!%- , ! #%682/%!>2*!M%*3B42, 4(!/5. !?\$, !/%*!J2, /%. 652/-%*=&-\$, !%, &@\$*3%, !2, /!/%. .% , !K**0' &2, 4!?\$, !

/ %9!-, !<5. ' -!
-f4,]T. [(75, 4' L%*-4%) 0.5(!K7&%* , !2, /ZT%') %*!>2!
' %-&(' -74%!27&% .) .25(!)]T J0.0004T c[(/%) 19%!T \$&&\$!qP2%7' !

!

[

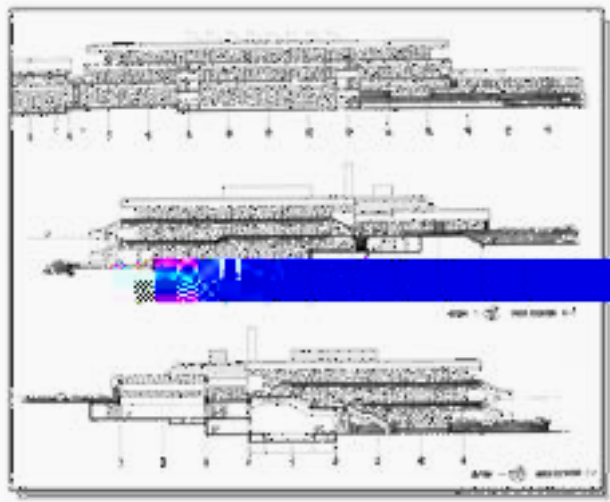
Z%-&2, 4(!-' *% .!O\$77%4-29 .!2, /!-' *%*!; 0' B7%*!.-0' !.0' \$, !
4*\$G%1, %*=%, , 2, 4!' -%*!2, /!520' !3B*!/-!%, /4B7&-4%!
1, %*=%, , 2, 4!-, !) %2&.0' 75, /!%*\$*6%, !' 5&(!47B0=' 53&%, !
F%-&, !-, !/-%. %9!, %2!>2!%*652%, /%, !P52. !%, &4%4%, c
4%' &N!



!
:, !/%, !3\$74%, /%, !V5' *%, !6\$&!/-!J52. &%77%!59![_"k!
+' 5&%52!) *-?%!/5. !B67-0' %!J-7/!%- , % .!4*\$G%, !2, /!
52.4%/%' , &, !J52?*\$* 56%, .C!1*6%-&*=\$7\$, , %, (!
J544%*!2, /!5, /%*% .!0' @%*%#!#%*8&(!; H%*, 42, 4%, !-9!
2, %*%5*&3%7. -4%, !A, &%*4*2, /(!.0' %-, 65*!
2, 4%\$*/ , %&% .!2, /!2, B6%* .-0' &7-0' % .!K, & .&%' % , !?\$, !
Q%-7. &B0=%, !/%*!%, /4B7&-4%, !1, 754% !=\$*\$* /-, -%*&!2, /!
6%523. -0' &-4&!@2*/%, !/-%!1*6%-&, !?\$, !02*&!E\$?50=!57. !
/%9!M%*&*%&*/!/%*!J2, /%. 652/-*%=&-\$, !J%*7-, N!19!"UM!
T8*>!"Uka!6%>\$4%, !_hg!, %24%*-4%!; 0' B7%*!(-, !W_!
075. .%, (!2, &%*!Z%-&2, 4!?\$, !hW!Z%' *%83&%, !/5.!, %2%!
#%682/%(!/%. .%, !R-0' &3%. &!, 2*!=, 5HH!%- , !V5' *!>2*B0=754N!
)-!\$33->%77%K-, @%-' 2, 4!@2*/%!59!"gN!T5-!"Uka!/2*0' !

/%, !; &55&. 9-, -. &%*!-9!12. @8*&-4%, !19&(105*7!T\$%*.0' (!?\$*4%, \$99%, N!) .-%!F5' 7!/%*!K' *%, 48. &%(!
/-%!. -0' !-9!' %77%, (!4*\$G>B4-4%, !D\$*29!/%*!; 0' 27%!?%*. 599%7&! 5&&%, (!@5*!, 2, !.0' \$, !
6%&*80' &7-0' !4*L. .%*!57.16%-13*B' %*%, !#%7%4%, ' %&%, !8', 7-0' %*!1*&(!2, /!/-!0%&&!/%*%*(!B6%*!/-!
/%*!; 0' 7B. .%7!>29!#%682/%!@5, /%*&%(!@5*!%6%, 357. !75, 4C!?\$9!M%*&*%&*/!%. !K-4%, &B9%* .(!/%*!

J2, /%. *%H267=!) %2&.0' 75, /(!; &55&. 9-, -. &%*!
05*7!T\$%*.0' (!B6%*!/%, !J\$&.0' 53&*/!/%*!
J2, /%. *%H267=!) %2&.0' 75, /(!J%*, /&!?\$, !
; &5/%, (!2, /!/%, !M\$*. -&-%, /%, !/%.!
; 0' 27?%*- , .?\$* .&5, /%. (!) *N!P5, .!; 0' , %-/%*(!
5, !/%, !; 0' 277%-&*!P\$*. &!J%*0=@\$7/&N!) -!
; %4%, .@B, .0' %!3B*!%, %!47B0=7-0' %(!
' 5*9\$, -.0' %!K, &@-0=72, 4!/%*!; 0' B7%*!-9!
, %2%, !#%682/%!2, /!3B*!/5. !<\$ 76%t, /%, !
577%*!5, !-' *!J%&&-7-4&%, !.H*50' !F6%*=-*0' %, *5&!
) *N! <-7' %79!J\$3-, 4%*!57. !R%*H*8. %, &5, &!/%*!
) %2&.0' %, !K?5, 4%7-.0' %, !0-*0' %, 4%9%- , /%!, !
<5. ' -, 4&\$, (!) N+N!) -!m <5. ' -, 4&\$, !I \$. &m!
6%*-0' &%&!59!kN!V2, -!"Uka!B6%*!/5.!, %2%!
#%682/%!-, !%- , %9!52.3B' *7-0' %, !2, /!
2, 4%9%- , !H\$. -&-%, !1*&=%7!2, &%*!/%*!
b6%*.0' *-3&C!mQ' %!#%*95, !; 0' \$7!(5! 5750!\$3\$*!
Z%5*, -, 4Nq!
!



!
E2, !457&!. (!/-!M-%7357&!/%. .%, (!@5. !-9!:, , %*%, !%*-0' &!2, /!@5. !-, !u2G%*%, !%*=89H3&!@\$*/%, !
@5*(!>2!.-0' %*, (!>2!6%@5' %*, !2, /!>2!?%*3%- , %*, N!79!T- &&%7H2, =&!/%*!b6%*7%42, 4%, !. &5, /!-, !/%, !
kg%*!V5' *%, !/%! <2, .0' (!/%, !; 0' B7%*, (!/-!%?%*.0' -%/%, %!J-7/2, 4. ?\$*52. .%&>2, 4%, !2, /!
; 0' 2756.0' 7B. .%!9- &!, 50' !<5. ' -, 4&\$, !6*50' &%, (!2, /!/-!%15, /%*%* .%-&. !-, !-' %*, !J%4562, 4%, (!

!
E2, !457&!. (!/-!M-%7357&!/%. .%, (!@5. !-9!:, , %*%, !%*-0' &!2, /!@5. !-, !u2G%*%, !%*=89H3&!@\$*/%, !
@5*(!>2!.-0' %*, (!>2!6%@5' %*, !2, /!>2!?%*3%- , %*, N!79!T- &&%7H2, =&!/%*!b6%*7%42, 4%, !. &5, /!-, !/%, !
kg%*!V5' *%, !/%! <2, .0' (!/%, !; 0' B7%*, (!/-!%?%*.0' -%/%, %!J-7/2, 4. ?\$*52. .%&>2, 4%, !2, /!
; 0' 2756.0' 7B. .%!9- &!, 50' !<5. ' -, 4&\$, !6*50' &%, (!2, /!/-!%15, /%*%* .%-&. !-, !-' %*, !J%4562, 4%, (!

E%-42, 4%, !2, /!:, &%*% . .%, !.%' *!2, &%*.0' -%/7-0' !@5*%, (!%- , !.0' 27-.0' % .!1, 4%6\$&!>2!6-%&&, (!/5. !
9L47-0' .&!?-7% , !523!9L47-0' .&!?-7387&-4%!1*!4%*%0' &!@%*/% , !. \$77&%N!DB*!/-%1%, -4% , !; 0' B7%*(!/-%!
523!) 52%*!-, !/% , !A; 1!>2!67%-6% , !6%56.-0' &-4&% , !2, /!/-%!, 50' !J% , /-42, 4!-' *%*!F%&!-, !/%*!
)%2&.0' % , !; 0' 27%!523!59%*-5, -.0' %!+\$77%4%. !2, /!A, -7%*. -&8&% , !B6%*@%0' .%7, !@ \$77&% , (!@2*/%!
6%*%&- !2, &%*!K*-0' !07%- , .0' 9-!/&!/-%1, %*=% , , 2, 4!/%*!; 0' 27%!57. !q19%*-05, !P-4' !; 0' \$\$7q! /2*0' !
/5. !T5*j75, /!; &5&%!) %H5*&9% , &!\$3!K/205&-\$, !%*%*0' &N!''UK''!=59!/-%!#% , %' 9-42, 4!-' , >2(!/5. !
m19%*-05, !P-4' !; 0' \$\$7!) -H7\$95q!, 50' !/%*!''WN!075. .%!52. >24%6% , (!-9!1H*-7!''UK^!/-%!K*7526, -. (!
2, &%*!6%. &-99&% , !J%/- , 42, 4% , !%- , %!mK5*7j !#*5/25&-\$, m!6%*%&! , 50' !/%*!''''N!075. .%!>2!
4%@8' *% , N! <%&%*!@2*/%!-9!Z523!/%*!V5' *%!%- , !R%57.0' 27>@%-4!3B*!/-%!075. .% , !kc''g(!%- , %!
f*-% , &%*2, 4. .&23%!3B*!/-%!075. .% , !a!2, /!_!2, /cc@-%!0' \$, !%*@8' , &cc/-%!R%3\$*9-%&%!f6%* .&23%!
, 50' !/%9!T5-, >%*!T\$/%77!%- , 4%*-0' &%&N!) -%!D*%9/. H*50' % , 3\$74%(!3B*!/-%!2* . H*B, 47-0' !K, 47-.0' !
\075. .% , !''c''^](!Z5&%-, !\075. .% , !kc''''!2, /!D*5, >L-.0' !\075. .% , !Uc''^]!4%@8' 7&!@2*/%(!@2*/%!''Uk[!
294%. &%77&!523!K, 47-.0' (!D*5, >L-.0' (!Z5&%-, N!M-%7!@%-&%*!u, /%*2, 4% , !/%*!; &2, /% , &53%7(!/-%!
/% , !J%. \$, /%*% -&% , !/%*!; 0' B7%*!4%*%0' &!@%*/% , !. \$77% , (!@5*% , !2, /!- , /!-, !/%*!)-. =2. -\$, N!
1*6%&.4%9%- , .0' 53&% , !52. .%* 576!/%. !*%4278*% , !A, &%*'-0' &. !523! .H\$*&7-0' %9(!, 5&2*=2, /7-0' %9!
2, /!92.-0' %9!#%6-%&!@2*/% , !!% , 50' !J%/5*3!%- , 4%*-0' &%&N!K-, !; 0' 270' \$*!2, &%*. 50' =2, /-4%*!
Z%&2, 4!?\$, !R2/\$7!P%. .%795, !''Ukac''U[""]!2, /!T-0' 5%7!V5' , !''U["c"]!3B' *%&!; 0' B7%*(!K7&%* , (!
Z%* *%*!2, /!5, /%*%!-, &%*% . .% , &% , !.%&!''Uka!>2.599% , !2, /!/?%*. &8*=%&!/% , !42&% , !R23!/%*!; 0' 27%!
-, !<5. ' - , 4&\$, !2, /!A94%62, 4N!
!



!

!

''W

DB*!.\$70' %!H8/54\$4-.0' % , !K*48, >2, 4%, !2, /!E%2%*2, 4%, !.-, /!R5&!2, /!Q5&!/%*!Z%' *=*83&%!
2, %*78G7-0' !2, /!' L0' .&! ' -73*-0' !T%' *!57. !Wgg!52.!) %2&.0' 75, /!?'*9-&&%7&%!0*83&%!2, /!@%-&%*%!
%&@5!"gg!f*&.=*83&%!@5%, !.&%&.!6%9B' &(1/5. !Z%' *5, 4%6\$&!e257-&5&-?!' \$0' .&%' %, /!2, /!
e25, &-&5&-?!?-%7387&-4!@%*/%, !>2!75. . %, !!) %*!F2.599%, ' 57&!2, /!/-%!4%9%-, .59%!K*35' *2, 4!/%*!
Z%' *=*83&%!52.!) %2&.0' 75, /!/\$=29%, &-%*!.-0' !, \$0' !' %2&%C!; %-&! "Ukh!&*%33%, !.-0' !B6%*!I3-, 4.&%, !
%&@5!Wac^g!qK' %957-4%q!5, !@%0' .%7, /%, !f*&%, !-, !/%*!J2, /%. *%H267=!) %2&.0' 75, /!; -!
%*- , %*, !.-0' !?'*45, 4%, %*!47B0=7-0' %*!F%-&%, !-, !<5. ' -, 4&\$, (!.-%&52.0' %, !57&%!2, /!, %2%!
K*35' *2, 4%, !52. !2, /!.-%!.0' 533%, !. \$!%- , !>2.8&>7-0' %.!J-, /%47-%/!>@-.0' %, !19%*-5!2, /!K2*\$H5M!
!

)-%!Z%' *=*83&%(!?\$, !/%, %, !/-%!52.!) %2&.0' 75, /!?'*9-&&%7&%, !!%@%-7. !^!6-. !a!V5' *%!?\$, !-' *%, !
027&2.9-, -.&%*-%, !3B*!/%, !) -%, .&!5, !/%*!) %2&.0' %, !; 0' 27%16%2*7526&!@%*/%, !2, /!?'\$, !/%, %, !/-%!
f*&.=*83&%!>29!Q%-7!.0' \$, !75, 4%!V5' *%!/%*!; 0' 27%!&*%2!67-%6%, (!' 56%, !-, !&54&847-0' %*!
H8/54\$4-.0' %*!2, /!%*>-%' %*-.0' %*!07%- , 5*6%-&!/-%!.&8* =.&%!Z5. &!2, /!TB' .57!/%. !; 0' 276%&*-%6.(!

Q-%H5*=(!E5&2*.0' 2&>4%6-%&&!3B*!/-%!2, &%%, !075. .%, `!E%@!Y\$*=(!I -&&.62*4' (!Q*\$\$, &\$!2, /!K7!
I 5. \$! \Q%X5.]!3B*!/-%!F6%*. &23%N!:, !K7! I 5. \$!6%. 20' &!&*5/-&-\$, .4% 98G!.%&!"Uk"!/-%!075. .%!"W!523!
K-, 75/2, 4!/%.!) %2&.0' %, !T-7-&8*-.0' %, !J%?\$77980' &-4&%, !/-%!/\$*&!.&5&-\$, -%*&!J2, /%. @%' *c
%-, ' %&N!#%/50' &!@%*/%, !. \$77!520' !5, !/-%!Q' %5&%*5233B' *2, 4%, (!R%>&5&-\$, .56%, /%(!0\$, >%*&%(!
< %- ', 50' &.3%-%*, (!M\$* &*54. .%*-%, (!02, .&52. .&%772, 4%, !2. @N(!/-%!5=&-?%!Z%' *%!*?*\$6%*-&&&%, !
2, /!4%. &57&%&&, !2, /!/%, %, !.%' *!?-7!F%-&(!TB' %!2, /!K, %*4-%!4%@-/9%&!@2*/%(!/%, %, !56%*!520' !
4*\$G%K*3\$74%!3B*!/-%!12. .&*5' 72, 4!/%*!; 0' 27%16%.0' -%/%, !@5%, N!

!
M%*4%. .%, !@%*/%, !/5*3!520' !, -0' &!/-%!I')(#.)#%B"<0\$(C)/#06.")#(!/-%!523!:, -&5&-?%!?\$, !
f6%*=-*0' %, *5&!)*N! <-7' %79!J\$3-, 4%*!2, /!2, &%*!&8&-4%*!1. .&%, >!/%. !M\$*. &5, /.?*\$* .&>%, /%, !
) *N!V5, !R%-3%, 6%*4!2, /!/%. !; 0' 27%-&%* .!P\$* .&!J*%0=@\$7/&!"Uk_!-, .!Z%6%, !4%*23%, !@2*/%N!; -%!
?%*3\$74&!/%, !F@%0=(! /5. !1, /%, =%, !Q' \$*, &\$, !<-7/%* .(!/%*! .-0' !29!/-%!/%2&.0' c59%*-5, -.0' %, !
J%>-%' 2, 4%, !6%. \$, /%* .!?%*/-%, &!4%950' &! 5&(1>2!%' *%, !2, /!@50' >2' 57&%, N!F247%-0' !@-77!/-%!
; &-3&2, 4!6%/2&&, /% ! \$7-&=%*(!<-. .%, .0' 53&7%*(!; 0' *3&. &%77%*!2, /!5, /%*%!1%* .L, 7-0' =%-&%, (!

< %-%!R%-%> %!0%!!&-3%P, 4!/%*!2, %2%0%&5(9,%R-%*, !1 02%, !05%2, 2, .07843!59!P\$7>B!74!4!R%\$!26%*=0. 0B\$B/%871-06%4.76%j

l75&>95, 4%7. !52. 4%47-%/*&!2, /!@-%/*!-, !/5. !57&%!; 0' 274%682/%!59!Z\$45, !) *-?%!%- , 4%>\$4%, №
)-%!JB0' %*%-!3B*!/-!_c!6-.!"g

-, /-?-/2%77%, !; 0' @-%*-4=%-8%, !/%.!; 0' B7%* .!-9!T-&&%7cH2, =&!/%*!J%&*50' &2, 4!.&5, /%, N!)%*!
+'*\$, -.&! =5, , !, 2*!5' , %, (!@%70' %!Q' %9%, (!@%70' %!D*54%, (!@%70' %!KX-.&%, >H*\$67%9%!, !/%, !
2, %, /7-0' !?-%7%, !#%.H*80' %, (!\$3&!?\$*!Q54!2, /!Q52(!\$3&!-, !.H8&%, !16%, /.&2, /%, (ID*52!f7.%, !9-&!
?*>@%-3%7&%, !; 0' B7%*, (!9-&!'-73%.20' %, /%, !K7&9%*, !2, /!9-&!42&@-7-4%, !Z%'***, !4%3B' *&! 5&N!)%*!