OF AMERICA

C

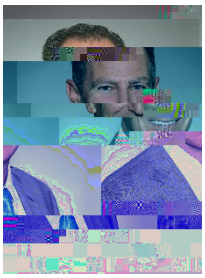
UCTION

ASS

!"#$%& '()*$+& ' ",$&-)&).&)/$&0(1()+& ' /$&23)$%&4.3567&.8&0(1()")(.5&.8&0("9(*():&"56&
;"1"<$&0(1()&!%.=(7(.57&(5&>.57)%3?)(.5&@$*")$6&>.5)%"?)7&

A/09,B90"AC"D)00"
(8ED"F9G"FFH"
!IJ$!"K/0"L9*:90"%M+O>"(,+C"N$$"
0*M2O+>" '%"J#I$N"
PJQJR"NSITSU$N"
V1)00W6:,1@9GC</:"
"

A$77(.5& '()*$+& ' ",$&-)&).&)/$&0(1()+& ' /$&23)$%&4.3567&.8&0(1()")(.5&.8&0("9(*():&"56&



!"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+:+0," ' /0;+*+0<+"
./02,9"(=*2036>"?@/*219"

</06,*)<,2/0"*+@9,+1"</0,*9<,6>"32M+6"6=+<2;2<"+_9:=@+6"/;"B+9M2@-"0+3/,29,+1"FXF"
=*/M262/06>"901"+_=@/*+6",B+2*"=)*=/6+"901"V)6,2;2<9,2/0C""

**GB 0 2 0&!%.=(7(.57&G%$&A)"56"%6&H"%$&-5& I "5:&>.57)%3?)(.5&@$*")$6&
>.5)%"?)7E&"56&G66%$77&"56&G**.?")$& J 3 1 $%.37&@(7,7&**

FXF"=*/M262/06",97+"0):+*/)6";/*:6"901"9*+"[)2,+"</::/0"20"</06,*)<,2/0"
*+@9,+1"</0,*9<,6C"?/*"+_9:=@+>",B+"%:+*2<90"006,2,),+"/;"%*<B2,+<,6 a "Pb%0% a cR"
901"'/06+06)6"DX'(a";/*:6"]/,B"20<@)1+"FXF"=*/M262/06"20",B+";/*:"/;":),)9@"
G92M+*6"/;"</06+[)+0,29@"19:93+6"P'X i(f i(e("DX'(a"#$$>"(+<,2/0"\C\j"
%0% a "%#$!>"(+<,2/0"!NC!C\RC"%@6/>"@27+":/6,"</06,*)<,2/0"</0,*9<,>"@2[)219,+1"
19:93+6"9*+"6)33+6,+1";/*"/G0+*"19:93+6";/*"1+@9-C""""

EB+"201)6,*-"6,9019*1";/*:6"9*+"0/,"9,-=2<9@>"96":90)6<*2=,";/*:6"9@6/"+_<@)1+"/*"
@2:2,"@29]2@2,-"/0"0):+*/)6"<9,+3/*2+6"/;"/,B+*G26+"*+</M+*9]@+"19:93+6C"fM+0"
G2,B/),"</0,*9<,)9@"=*/M262/06>",B+*+"9*+"@2:2,6",/"*+</M+*9]@+"19:93+6>"])",B+6+"
@2:2,6"9*+"6)]V+<,",/"</:=@+_"901"20</0626,+0,@-"9==@2+1"@+39@"1/<,*20+6"6)<B"96>"
;/*"+_9:=@+>"b=*/_2:9,+"<9)6+c"</0<+*0203",/*,"19:93+6"P(++"3+0+*9@@-"\"HB2@2="
FC".*)0+*"4"H9,*2<7"AC"Xd'/00/*>"A*C>".*)0+*"4"Xd'/00/*"/0"'/06,*)<,2/0"F9G"
kk!J^N"PY+6,"H)]@C"#$!#"f1C>"20<@C"#$#$"()==@CR"PB+*+9;,+*>"b.*)0+*"4"Xd'/00/*"
X'F"klcRR"901"b;/*+6++9]2@2,-c"</0<+*0203"]*+9<B"/;"</0,*9<,"19:93+6"P(++>"\"
.*)0+*"4"Xd'/00/*"X'F"k!J^!NR>"96"G+@@"96"*+@9,+1"1/<,*20+6"1+M+@/=+1",B*/)3B"
<96+"@9GC"(++>"+C3C>"\".*)0+*"4"Xd'/00/*"X'F"kk!J^\

S"

#$##"%&''"()*+,-".//01203"4"5267"8 9093+:+0,''/0;+*+0<+"
./02,9"(=*2036>"?@/*219"

!%.=(7(.5&	**;$7?%(#)(.5&.8&0 2 0&@$73*)&**
H9-"0;"m"YB+0"H921"	F2:2,6"@29]2@2,-";/*"20,+*+6,"P=9-TGB+0T=921R"/*" +_<)6+6"@29]2@2,-"20"+M+0,"/;"/G0+*"0/0T=9-:+0,"
f_<@)62M+"*+:+1-""	F2:2,6"@29]2@2,-";/*"M9*2/)6"19:93+6"901"@2:2,6",B+" *+:+1-"9M92@9]@+"P2C+C>"*+=92*"/*"*+=@9<+:+0,>"/*" 9M92@9]@+"206)*90<+R"
?/*<+"89V+)*+"	F2:2,6"</0,*9<,)9@"@29]2@2,-";/*"=+*;/*:90<+"GB+0" <+*,920"</012,2/06"1+M+@/="
E+*:209,2/0";/*" '/0M+02+0<+"	X;,+0"@2:2,6"*+</M+*-"/;"<+*,920"19:93+6"P+C3C>"@/6," =*/;2,6R""
D26<@92:+*6""	F2:2,6"@29]2@2,-";/*"<+*,920"<2*<):6,90<+6"P2C+C>" 126<@92:+*"/;"2:=@2+1"G9**90,2+6"/*";*/:"9@@"@29]2@2,-" 96"9"</012,2/0"/;")6+"m"6+*M2<+R"
Y92M+*6"/;"()]*/39,2/0" m"'/0,*/@@+1"006)*90<+"	F2:2,6"*+</M+*-";*/:"*+6=/062]@+"=9*,2+6"9;,+*" 206)*+*6"</M+*"9"@/66"
P006);;2<2+0,R" F2[)219,+1"D9:93+6"	X;,+0"@2:2,6",B+"@29]2@2,-"/;"9"=9*,-";/*"1+@9-"19:93+6" ,/"90"9:/)0,",-=2<9@@-"@+66",B90"9<,)9@"1+@9-"19:93+6"
F2[)219,+1"D9:93+" '9=6"	F2:2,6",B+"@29]2@2,-"/;"9"=9*,-";/*"1+@9-"19:93+6",/"9" :9_2:):"9:/)0,")6)9@@-"@+66",B90"9<,)9@"19:93+6"
F2:2,9,2/06"/;"F29]2@2,-" 901"D9:93+"F2:2,6""	F2:2,6"@29]2@2,-"/;"9"=9*,-",/"9":9_2:):"1/@@9*" 9:/)0,>"*+39*1@+66"/;"@9*3+*"19:93+6"20<)**+1"

"

0,"26"0/,",B+"20,+0,"/;",B26"=9=+*",/"911*+66"+9<B"/;",B+":90-"FXF"=*/M262/06"9,"
@+03,B>"96"6+M+*9@"6<B/@9*@-"G/*76"911*+66",B+":-*291"/;"6)<B"=*/M262/06"20":/*+"
1+,92@>"20<@)1203":90-"/;",B/6+",B9,"B9M+"1+M+@/=+1",B+2*"/G0"126,20<,"]/1-"/;"
@9G"!""$&"("9533-"\".*)0+*"4"Xd'/00/*"X'F"kk!J^N#"g"!J^ISC""006,+91>",B26"
=9=+*"G2@@";/<)6"/0"9";+G"B+9M2@-"0+3/,29,+1"FXF"=*/M262/06"901>":/*+"
=9*,2<)@9*@->"6,9,),+6"901"<96+"@9G",B9,"6+,"*+6,*2<,2/06",/",B+2*"+0;/*<+:+0,C""""

4B >.1 1.5&KL"1#*$7&.8&M$"=(*:&J$<.)(")$6&0 2 0&!%.=(7(.57&

00"6,9,+6"GB+*+",B+-"9*+"0/,"=*/B2]2,+1"/*"*+6,*2<,+1"P6++"6+<,2/0"000"]+@/GR>"
B+9M2@-"0+3/,29,+1"FXF"=*/M262/06":9-"20<@)1+"201+:02,->"1/@@9*"@2:2,6"/*"
206)*90<+"]96+1"@2:2,6"P20<@)1203"@2[)219,+1"19:93+6"@2:2,6R>"901"G92M+*6"/;"
</06+[)+0,29@"19:93+6C""

Q"

#$##"%&''()*+,-". /01203"4"5267"8 9093+:+0,"'/0;+*+0<+"
./02,9"(=*2036>"?@/*219"

!C 0O1+:02,-"H*/M262/06"

YB+*+";*++",/"1/"6/"901"GB+*+"]9*3920203"=/G+*"9@@/G6>"]*/91"201+:02,-"
=*/M262/06"9*+"/;,+0"0+3/,29,+1"20,/"</0,*9<,6C"b001+:02,-c"26"1+;20+1"96";/@@/G6^"

0O1+:02,-"26"9"</0,*9<,"]-"GB2<B"/0+"+0393+6",/"69M+"90/,B+*"
;*/:"9"@+39@"</06+[)+0<+"/;",B+"</01)<,"/;"/0+"/;",B+"=9*,2+6"/*"
/;"6/:+"/,B+*"=+*6/0C"

iCDC"'+0,C"'/1+>"k"##T$#T$!j"!'"$53;6>"'9@C"'2MC"'/1+"#II#j"8/0,C"'/1+"%00C>"
#UT!!TS$!C""E/",B+"+_,+0,"201+:02,-"6++76",/"69M+",B+"</0,*9<,++"m"201+:02,++"
;*/:",B+"@+39@"</06+[)+0<+6"/;",B+"</0,*9<,++d6"m"201+:02,++d6"/G0"</01)<,>"2,"26"
90"+_<)@=9,/*-"=*/M262/0"P/*"FXF"=*/M262/0RC"EB+"1+3*++"/;"+_<)@=9,2/0"B96"@+1"
6/:+"</)*,6",/"1+6<*2]+",B+6+"=*/M262/06"96"b,-=+"0>c"b,-=+"00>c"/*"b,-=+"000c"
201+:02,-"=*/M262/06>"+_=@920+1"96";/@@/G6^"

%")**:#$&-&N(56$ 1 5():**0"93*++:+0,"=*/M21+6"n"0+_=*+66@-"901"

N"

#$##"%&''"()*+,-".//01203"4"5267"8 9093+:+0,''/0;+*+0<+"
./02,9"(=*2036>"?@/*219"

\"

#$##"%& ' "( )*+,-" . /01203" 4 "5267" 8 9093+ : +0," ' /0;+*+0<+"
. /02,9"(=*2036>"?@/*219"

I"

#$##"%& ' "( )*+,-" . /01203" 4 "5267" 8 9093+ : +0," ' /0;+*+0<+"
. /02,9"(=*2036>"?@/*219"

+9<B"/,B+*";/*"90-"</06+[)+0,29@"19:93+6",B9,":9-"9*26+"/),"/;"
/*"*+@9,+",/",B26"%3*++:+0,>"+_<+=,";/*",B/6+"6=+<2;2<"2,+:6"/;"
19:93+6"+_<@)1+1";*/:",B26"G92M+*"96":),)9@@-"93*++1")=/0"]-"

U"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+:+0," ' /0;+*+0<+"
./02,9"(=*2036>"?@/*219"

Y B+0"1*9;,203",B+"G92M+*>"<9*+;)@@-"</0621+*",B+",-=+"/;"

J"

#$##"%& ' "( )*+,-" . /01203" 4 "5267" 8 9093+ : +0," ' /0;+*+0<+"
. /02,9"(=*2036>"?@/*219"

%6"6+,";/*,B"9]/M+>"20"%@9679>",B+"*+6,*2<,2/06"6,+ : :203";*/ : "90"201+ : 02,-"6,9,),+"
G+*+"20,+*=*+,+1",/"9==@-" : /*+"]*/91@-",B90",/"201+ : 02,-"=*/M262/06>"])."*9,B+*"

#$##"%& ' "( )*+,-" . /01203" 4 "5267" 8 9093+ : +0," ' /0;+*+0<+"
. /02,9"(=*2036>"?@/*219"

</0,*9<,)9@"966) : =,2/0"/;"*267"26"9"[ )+6,2/0"/;";9<,";/*"9"V)*->"0/,"9"V)13+Cc"*B<"34;$*
?%$K+9"=+9)$J51"G5-#$'(1%>"#!$"%*2`C"Q$S>"!!!"HCS1"!$$S>"!$!$"P#$$NRC""""

' 9@2;/*029"26"=+*B9=6" : /6,"=*/@2;2<"20"+09<,203"6,9,),+6"*+3)@9,203",B+"</06,*)<,2/0"
201)6,*->"B9M203"6,9,),/*-"6<B+ : +6";/*"@2<+06203"/;"</0,*9<,/*6>",B+2*"126<2=@20+>"
901"*+6,*2<,2/06"/0"<+*,920",+* : 6";/*"=+*6/06"</0,*9<,203"G2,B"@2<+06+1"</0,*9<,/*6"
P ' 9@C" .)6C" 4"H*/;C" ' /1+"kI$$$>"+,"6+[CR>"]/,B"=)]@2<"901"=*2M9,+"</0,*9<,203"P ' 9@C"
' 2M2@" ' /1+"kU$$$"+,C"6+[CR>"901"6=+<2;2<9@@-"*+@9,+1",/"=)]@2<"</0,*9<,203")01+*",B+"
' 9@2;/*029"H)]@2<" ' /0,*9<,203" ' /1+C"?/*"+_9 : =@+>" ' 9@2;/*029"B96",B+";/@@/G203"
6,9,),/*-"*+6,*2<,2/06^"

' 9@C"H)]C" ' /0,C" ' /1+"k!!$Q"P;/*]211203"@/<9@"=)]@2<"93+0<2+6"
;*/ : ",*906;+**203"*267"/;"1+6230"+**/*6"/*"/ : 2662/06",/",B+"
</0,*9<,/*>"+_<+=,"20"<@+9*@-" : 9*7+1"1+6230T])2@1"=*/V+<,6Rj"

' 9@C"H)]C" ' /0,C" ' /1+"kI!$#"P0/"19 : 93+";/*"1+@9-"<@9)6+6"20"
=*2 : +"901"6)]</0,*9<,6"1++ : +1"2@@+39@"96"9" : 9,,+*"/;"=)]@2<"
=/@2<-"/0"=)]@2<"2 : =*/M+ : +0,"</0,*9<,6";/*"9*+96"]+@/G";/)*"PQR"
;++,Rj"
"
' 9@C"H)]C" ' /0,C" ' /1+"kI!$Q"P : 9019,203",-=+"0"901",-=+"00"
12;;+*203"62,+"</012,2/06>"901"+0M2*/0 : +0,9@@-"B9`9*1/)6"62,+"
</012,2/06"=*/M262/06"20,/"=)]@2<"</0,*9<,6Rj"
"
' 9@C" ' 2MC" ' /1+"k#IU#"P : 97203"M/21"901")0+0;/*<+9]@+"
201+ : 02,-"=*/M262/06"20"</06,*)<,2/0"</0,*9<,6",B9,"6B2;,"*267";/*"
6/@+"0+3@23+0<+"/*"G2@@;)@" : 26</01)<,>"901"M/21",B+"69 : +"G2,B"
*+6=+<,",/"9<,2M+"0+3@23+0<+"*267"6B2;,203"9;,+*"#$!Sj"=*/M21+1>"
B/G+M+*>",B+*+"9*+"<+*,920"+_<+=,2/06"96"9@@/G+1"20"<+*,920"/,B+*"
' 2M2@" ' /1+"6+<,2/06RC""""

00,+*+6,203@->"G2,B20",B+"201+ : 02,-"6+<,2/0"/;",B+" ' 9@2;/*029" ' 2M2@" ' /1+>",B+*+"26"9"
9@6/"9"6=+<2;2<"=*/M262/0"+**/1$"#"FXF"=*/M262/06C" ' 9@C" ' 2MC" ' /1+"k#IU#CNC"
' 9@2;/*029" ' 2M2@" ' /1+"(+<,2/0"#IU#CN"=*/M21+6^"

k#IU#CN""%@@/<9,2/0"/*"@2 : 2,9,2/0"/;"@29]2@2,-"
"
i/,B203"</0,920+1"20"(+<,2/0"#IU#"6B9@@"=*+M+0,"9"=9*,-",/"9"
</06,*)<,2/0"</0,*9<,"901",B+"/G0+*"/*"/,B+*"=9*,-";/*"GB/6+"
9<</)0,",B+"</06,*)<,2/0"</0,*9<,"26"]+203"=+*;/* : +1";*/ : "
0+3/,29,203"901"+_=*+66@-"93*++203"G2,B"*+6=+<,",/",B+"
9@@/<9,2/0>"*+@+96+>"@2[)219,2/0>"+_<@)62/0>"/*"@2 : 2,9,2/0"96"
]+,G++0",B+"=9*,2+6"/;"90-"@29]2@2,-"P9R";/*"1+6230"1+;+<,6>"/*"P]R"
/;",B+"=*/ : 26++",/",B+"=*/ : 26/*"9*26203"/),"/;"/*"*+@9,203",/",B+"
</06,*)<,2/0"</0,*9<,C"

!#"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+ : +0," ' /0;+*+0<+"
./02,9"(=*2036>"?@/*219"

%@,B/)3B" ' 9@C" ' 2MC" ' /1+"k#IU#CN"26"]*/91@-"G*2,,+0>",B+"*A59I=6962*&<$</)*,"9@6/"
*+</0<2@+1",B26"6,9,),+"G2,B",B+"201+ : 02,-"6,9,),+>"</0<@)1203^"

?2*6,>",B+"90,2T201+ : 02,-"6,9,),+>"6+<,2/0"#IU#>"G96"20,+01+1",/"
<B903+",B+"@9G",/"=*/B2]2,"/0+"=9*,-",/"9"</06,*)<,2/0"</0,*9<,"
;*/ : "9M/21203"@29]2@2,-",/",B2*1"=9*,2+6"]+<9)6+"/;"2,6"6/@+"
0+3@23+0<+"]-";/*<203",B+"/,B+*"=9*,-",/",B+"</0,*9<,",/"=*/M21+"

!S"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+ : +0," ' /0;+*+0<+"
./02,9"(=*2036>"?@/*219"

-Q P36(?("*&0(1 ()7&).&K58.%?$ 1 $5)&.8&0 2 0&!%.=(7(.57&

X),</ : +6";/*"126=),+6"20",B+"</0,*9<,203"201)6,*-"g"</0626,+0,"G2,B"2,6"09 : +"g"9*+" : /6,@-"</0,*/@@+1",B*/)3B",B+"@9G"/;"</0,*9<,6C""00"9"]*/91"@+39@"6+06+›" : /6,"/;",B+" ,2 : +›"</0,*9<,"@9G"*+ : +12+6"901"</0,*9<,"19 : 93+",B+/*2+6"9*+"9==@2<9]@+C"0,"26" [)2,+"</ : : /0›"B/G+M+*›";/*"9"=@920,2;;",/"966+*,",/*,"<@92 : 6"20"9112,2/0",/"/*" 9@,+*09,2M+@-",/"</0,*9<,"<@92 : 6"939206,"9"</06,*)<,2/0"201)6,*-"1+;+0190,C"FXF" =*/M262/06"9*+"/;,+0"90"266)+"9,",B26"20,+*6+<,2/0"/;",/*,"901"</0,*9<,"@9GC""""

' /)*,6"B9M+"6,*)33@+1"G2,B",B26"20,+*6+<,2/0C""X0+"9),B/*"0/,+1^"

> YB+*+"6,9,+"@9G"26"62@+0,›"3+0+*9@@-"2,"26"@+;,",/",B+"6,9,+06"</)*,6" ,/"1+,+* : 20+",B+"+0;/*<+9]2@2,-"/;"90"+_<)@=9,/*-"<@9)6+C" EB+*+;/*+›"+9<B"6,9,+06"B23B+6,"</)*," :)6,"1+;20+",B+"9==*/=*29,+"]9@90<+"]+,G++0",B+";*++1/ : ",/"</0,*9<,"901",B+"=)]@2<"=/@2<-" </0<+*06"20M/@M+1"20"+_<)@=9,203",/*,"@29]2@2,-C"%6"G2,B" : 90-" </ : : /0"@9G"*)@+6›"6,9,+"</)*,6"<*+9,+"</ : =@2<9,+1"126,20<,2/06" 901"<9M+9,6"/M+*",2 : +›"GB2<B"@/G+*"</)*,6" :)6,",B+0"9,,+ : =,",/" *+</0<2@+C"

> E+00+66++"26"0/"+_<+=,2/0›"901",B26"9*+9"/;",B+"@9G"26"M93)+"901" ,*/)]@+1"G2,B"</0;)62/0C"?/*"0+9*@-";2;,-"-+9*6›"</0,*9<,203" =9*,2+6"901"@+39@"=*9<,2,2/0+*6"20"E+00+66++"B9M+"3*9==@+1"G2,B" +_<)@=9,/*-"<@9)6+6›"96",B+"E+00+66++"()=*+ : +" ' /)*,"B96" 6,*)33@+1",/"<@+9*@-"1+;20+"",B+2*"+0;/*<+9]2@2,-C"

ZC" . *906<) : ›" ' X 8 8 f i E^"*/(:691"5=+3+,-$6:$/012345,69-$8352;";7$@2)+1+53$ C"13595,+6(;$6:$B2=3+1$B63+1-$5;5A"5(;$,6$B96*6,"$K9"")6*$6:$86(,951,$+($ Q"((";;"'›"N!"eC" 8 + : C"FC"5+MC"U!!›"U!#TU!SC"

EB+" ' 9@2;/*029"()=*+ : +" ' /)*,"6) : : 9*2`+1",B+"6,*)33@+"96";/@@/G6^"

> 0,B+"@9G"B96"@//7+1"<9*+;)@@-"901"G2,B"6/ : +"67+=,2<26 : "9,",B/6+" GB/"9,,+ : =,",/"</0,*9<,"9G9-",B+2*"@+39@"@29]2@2,-";/*",B+" </ : : 2662/0"/;",/*,6C0" ' /)*,6"901"</ : : +0,9,/*6"B9M+"/]6+*M+1" ,B9,"6)<B"*+@+96+6"=/6+"9"</0;@2<,"]+,G++0"</0,*9<,"901",/*,"@9GC" X0",B+"/0+"B901"26",B+";*++1/ : "/;"2012M21)9@6",/"93*++",/"@2 : 2,"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+ : +0," ' /0;+*+0<+" ./02,9"(=*2036›"?@/*219"

X),621+"/;"126=),+6"]+,G++0"6/=B26,2<9,+1"</ : :+*<29@"=9*,2+6›"3+0+*9@@-›" : 90-"
6,9,+6"9==@-"90"b)0</06<2/09]2@2,-c",-=+"909@-626"]96+1"/0"M9*2/)6";9<,/*6℃"%6"
@9 : +0,+1"]-"/0+"9),B/*^"

EB+"=*/]@+ : "G2,B"1+,+* : 20203",B+"+0;/*<+9]2@2,-"/;"90"
+_<)@=9,/*-"<@9)6+"26"0/,"9"@9<7"/;"*)@+6"/*"<96+"@9G"T",B+"
=*/]@+ : "26",B9,",B+*+"9*+",//" : 90-"*)@+6℃" . +<9)6+"+_<)@=9,/*-"
<@9)6+6"9*+"9" : 9,,+*"/;"</0,*9<,"@9G›"+9<B"6,9,+06"6)=*+ : +"</)*,"
26",B+"9),B/*2,9,2M+"20,+*=*+,+*"/;",B+6+"=*/M262/06℃"EB+*+;/*+›"
,B+"()=*+ : +" ' /)*,"/;",B+" e02,+1"(,9,+6"26"/0@-"9]@+",/"
=*/ :)@39,+"*)@+6"1+9@203"G2,B"+_<)@=9,/*-"<@9)6+6"GB+*+";+1+*9@"
6,9,),+6"9*+"</0<+*0+1℃"(20<+",B+*+"26"0/,"9"6203@+"]*23B,T@20+"
)@+",/"9==@-›"+M+-"6,9,+"B96"B91",/"</ : +")="G2,B",B+2*"/G0"6+,"
/;"6,9019*16›";9<,/*6›"/*"+@+ : +0,6℃"(/ : +"6,9,+6"B9M+"<B/6+0",/"
;/@@/G" ' 9@2;/*029"20",B+")693+"/;",B+"*Q2(I3*";9<,/*6›"q"r"/,B+*"
6,9,+6"B9M+"</0621+*+1",B+"5+6,9,+ : +0,"P(+</01R"/;" ' /0,*9<,6›"qr"
901"+M+0" : /*+"B9M+"<B+**-T=2<7+1"+@+ : +0,6"901";9<,/*6";*/ : "
]/,B",/"<*+9,+"9"0+G"6,9019*1℃"q"r"YB2@+"B9M203"6/" : 90-"*)@+6",/"
<B//6+";*/ : " : 9-"0/,"6++ : "@27+"9"]91"21+9›"B9M203",//" : 90-"
6,9019*16"<90" : 97+",B+"=*/<+66"/;"909@-`203"+_<)@=9,/*-"
=*/M262/06"20+;;+<,2M+℃"

(+M+*9@"6,9,+6"B9M+"<*+9,+1" : +,B/16";/*"+_9 : 20203"+_<)@=9,/*-"
<@9)6+6"T"*+6)@,203"20"6+M+*9@"12;;+*+0,",+6,6"901"0) : +*/)6"
)02[)+";9<,/*6℃"e0;/*,)09,+@-›"B9M203",//" : 90-",+6,6","<B//6+"
;*/ : "/0@-"<9)6+6"</0;)62/0"GB+0"9,,+ : =,203",/"909@-`+"90"
+_<)@=9,/*-"<@9)6+℃"

8 9332+"F)›"'X8 8 f i E^"%39206,"H)]@2<"H/@2<-^"f0;/*<+9]2@2,-"/;"f _<)@=9,/*-"
'@9)6+6›"\$"(℃"E+_℃"F℃"5+M℃"QJI›"QJU"P() : :+*›"#$!JR"P<2,203"20";//,0/,+6›"*Q2(I3$1134.668-/G3867.043*

!N"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+ : +0," ' /0;+*+0<+"
./02,9"(=*2036›"?@/*219"

PI,B" ' 2*C"!J\JR›"Q!Q"?C"#1"!J#›"!JN›"26"3*/)01+1"20",B+"
+</302,2/0",B9,",B+"/]@239,2/0",/"206)+"90/,B+*"=9*,-"939206,"
,B+"</6,"/;",B+"/,B+*06"/G0"0+3@23+0<+"26"n6/"+_,*9/*1209*-"901"
B9*6B"C"C"C›n"*H2:69)$?%!"G"95&"$5()$W5,"9$H)*%"P!JSIR›"X*@C"F9C"
%==C›"!IN"(/C"!!$›"!!S›"G2,B"n,B+"=/,+0,29@"@29]2@2,2+6""966):+1"C"
C"C"9G+6/:+n›"*P2,6$\G("9;$A2,253$'(;%$86%$?%$F69,<"9($'()%$*
B2=3+*1$!"9?+1"$86%#$;2495*›",B9,"9"=*/:26/*"G/)@1"0/,"@23B,@-"
9<<+=,"6)<B"9"])*1+0"70/G203@-"901"G2@@203@-C"X)*"1+<262/0"
,/19-"62:=@-"2:=@+:+0,6",B9,"V)12<29@"=/@2<-C"

pC"EB+"</0,*9<,/*"GB/"70/G203@-"901"G2@@203@-"=*/:26+6",/"
201+:02;-",B+"</0,*9<,++";/*",B+"@9,,+*06"0+3@23+0<+":9-"0/,"
6)<<+66;)@@-"</:=@920"2;"6)<B"9"*+[)2*+:+0,"G96":91+"+_=@2<2,"
]-",B+",+*:6"/;",B+"</0,*9<,C"

fM+0"<96)9@"*+6+9*<B"*+M+9@6"9"M96,"0):]+*"/;"*+=/*,+1"/=202/06"
;2@@+1"G2,B"M+B+:+0,"</0,*/M+*6-"/M+*",B+":+90203"/;"=B*96+6›"
G/*16›"901"=)0<,)9,2/0"20"</0,*9<,)9@"=*/M262/06"=)*=/*,203",/"
+[)2+"/0+"=9*,-",/"]+9*",B+"])*1+0"/;",B+"/,B+*06"0+3@23+0<+C"
*!"'$E]$PLJ$^)$__^`$_a$PLJ$^)$]*C"Y+"9*+"0/,"6/";//@26B",/",B207"
,B9,"]-"*+[)2*203"+_=@2<2,"@903)93+",B+"9:/)0,"/;"@2,239,2/0")=/0"
,B26"6)]V+<,"20"0012909"G2@@"]+"9==*+<29]@-"*+1)<+1C".),"G+"
</0<)*"G2,B",B+"M2+G6"+_=*+66+1"]-",B+"1266+0,"20"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+:+0," ' /0;+*+0<+"
./02,9"(=*2036›"?@/*219"

53;6$@2(&$@5"$L"'$?%$K")%$!,%$L%P%#$LL8"P ' CDC" ' 9@C" 8 9-"S>"#$! \R"#$! \" e C(C"D26,C" F f u0("NJQ#S>"9,"#UT#JCRC""

i /,"+M+*-"V)*2612<,2/0"9@@/G6"FXF"=*/M262/06";/*"=+*6/09@"20V)*->"B/G+M+*C"EB+" ()=*+ : +" ' /)*,"/;"K2*32029"B96")0+[)2M/<9@@-"B+@1",B9,"=)]@2<"=/@2<-";/*]216",B+" +0;/*<+ : +0,"/;"9"*+@+96+"/*"G92M+*";/*"=+*6/09@"20V)*-"<9)6+1"]-";),)*+"9<,6"/;" 0+3@23+0<+C"P!'"'$@6<(;6(T;$P) *T0$?%$J+1<*6()$5()$C5(?+33"$J%J%$86%>"U\"K9C" JIN>"JIU>"!!"(C f C"U#J>"US$"P!UJ$Rj">+",,$?%$L5I"$H59196:,$86** *2(+,-$P;;61%>"#QQ" K9C"!J!>"!JQT!JN"P!JJ#RC"

4B I "5:&>.3%)7&TA)%(?)*:&>.57)%3$U&0 2 0&!%.=(7(.57&).&0(1()&' /$(%& A?.#$&"56&G##*(?")(.5&

fM+0"20"</ : :+*<29@"126=),+6"<96+6>"FXF"=*/M262/06"9*+"3+0+*9@@-"6,*2<,@-" </06,*)+1"20" : /6,"6,9,+6"939206,",B+"=9*,-"6++72203",/"+0;/*<+",B+ :C"*F2(";$ Q29:&95;;#$'(1%$?%$N52&<5(M@51I3+($!"")$86%"P!JUUR"#$$" ' 9@C%==CS1"!N!U>"!NSUj" B"9"&9+("$B<59*;#$'(1%$?%$83+(+153$!2443+";$A&*,%#$;2495>"#$!Q"eC(C"D26,C"F f u0(" !$NIIN\"9,"!UT!JC"(/ : +"6,9,+6"</06,*)+"6)<B"<@9)6+6"9<</*1203",/",B+2*"09,)*+>" GB2<B"9*+>"20"+;;+<,>";/*;+2,)*+"=*/M262/06",B9,"9*+",/"]+"</06,*)+1"6/"96",/"9M/21"9" ;/*;+2,)*+"/;"*23B,6C"%"@/03"+6,9]@26B+1"*)@+"20" ' 9@2;/*029>"2;"90"93*++ : +0,"<90"]+" *+96/09]@-"20,+*=*+,+1"6/"96",/"9M/21"9";/*;+2,)*+>"2,"26",B+"1),-"/;",B+"</)*,",/" 9M/21"2,C"X(+?"9;53$!53";$8694%$?%$853%$",1%$A:&%$86%"P!JQ#R"#$" ' 9@C#1"IN!>"II!C" .+<9)6+";/*;+2,)*+6"9*+"126;9M/*+1>"90-"20</0626,+0,"9<,6"/*"1+9@2036"]-",B+"=9*,-" <@92 : 203"9";/*;+2,)*+"G2@@"]+"*+39*1+1"96"9"G92M+*",B+*+/;C"H5(I$6:$P*"9+15$F5,T3$ Q92;,$.$!5?%$P;;6%$?

)0+[ )2M/<9@"@903)93+"20",B+"93*++ : +0,"GB2<B"=*+<@)1+6"6)<B"
@29]2@2,-C"

H29(",,$?%$8*("-$!G""4"P#$$QR"!#S" ' 9@C%==CQ,B"!$NI›"!$\\T

#$##"%& ' "( )*+,-" . /01203" 4 "5267" 8 9093+ : +0," ' /0;+*+0<+"
. /02,9"(=*2036›"?@/*219"

1+;+0190,6";*/ : ",B+"@/66"/;"=*/;2,6"<@92 : C"EB+" ' /)*,"126,203)26B+1"9<,2M+"901"
=9662M+"0+3@23+0<+";201203",B+"=@+9120336"6,9,+1"9"<@92 : ";/*"9<,2M+"0+3@23+0<+"
GB+0",B+"1+;+0190,"G96"9G9*+"/;",B+"=*/]@+ : 6"901"70/G203@-"*+;)6+1",/"
*+ : +129,+",B+ : C"')%"9,"!$\IC""

00"90/,B+*"+_9 : =@+>"</0621+*",B+"<96+"/;"'(&"9;6333MJ5()$86%$?%$/3$C695)6$8<"*%$
86%>"P#$$U"%*7C"(C" ' ,CR"SIS"%*7C"##\C"00",B26"<96+>"9" : 90);9<,)*+*";2@+1"6)2,"
939206,"9"</0,*9<,/*"901"2,6"6B/="6)=+*20,+01+0,";/*"0+3@23+0<+"20",B+"*+=92*203"
901"*+])2@1203"/;"+[)2= : +0,";/*",B+" : 90);9<,)*+*%6"=@90,C"EB+"</0,*9<,/*"966+*,+1"
96"9"1+;+06+"9"@2 : 2,9,2/0"/;"@29]2@2,-"<@9)6+"20"9";9_+1"@+,,+*C"EB+"</0,*9<,/*";9_+1"
90"93*++ : +0,",B9,"967+1",B+"=@920,2;;",/"6230"2,"901"*+,)*0"9;,+"93*++203",/",B+"
,+* : 6"/0",B+";*/0,"901"]9<7"621+C"EB+"=@920,2;;"6230+1"901"*+,)*0+1"2,>"])"0/,B203"
G96"/0",B+"]9<7"621+"/;",B+";9_C"%"6+</01";9_"<9 : +"G2,B"90"FXF"=*/M262/0"]),",B+"
/G0+*"0+M+*"6230+1"901"0+M+*"*+,)*0+1"2,C"%"V)*-"*+,)*0+1"9"M+*12<,"20";9M/*"/;",B+"
: 90);9<,)*+*";/*"s"J>IJ\>#!UC"EB+"9==+9@6"</)*,>"6,*2<,@-"</06,*)203",B+"
93*++ : +0,>"1+<@20+1",/"+0;/*<+"2,"901")=B+@1",B+"=@920,2;;"M+*12<,C""""

EB)6>"2,"26"+6=+<29@@-"2 : =/*,90,",/")6+"<9*+;)@>"<@+9*>")0+[)2M/<9@"901"6=+<2;2<"
@903)93+"GB+0"=*+=9*203"FXF"=*/M262/06"20"93*++ : +0,6>"901"+06)*+"2,"G96"
+_=*+66@-"93*++1")=/0C"(++>"+C3C>"(,+M+0".C"F+66+*>"Q<"$Y9"5,$/;154"#$>6G$,6$
C95:,$/012345,69-$8352:";$,<5,$L+*+,69/0,+(&2+;<$L+5=+3+,->"EB+"?@/*219".9*"
A/)*09@>"i/M+ :]+*"#$$!>"9,"!$C""""

>B **>.3%)7&V5%"**:&R(**&J.)&K58.%?$&0 2 0&!%.=(7(.57&8.%&@$?,*$77E&**
R(83*E&.%&-5)$5)(.5"**:&R%.5<83*&>.563?)&**

YB+,B+*"]-"6,9,),+"/*"/0"=)]@2<"=/@2<-"3*/)016>"</)*,6"G2@@"0/,"+0;/*<+"FXF"
=*/M262/06",B9,"6++7",/"6B2+@1"=+*6/06";*/ : "20,+0,2/09@" : 26</01)<,>";*9)1>"
bG/0,/0c"/*"*+<7@+66"</01)<,C"?/*"206,90<+>"%@9]9 : 9"</)*,6"B9M+"0/,+1"FXF"
=*/M262/06"b9@,B/)3B"M9@21"901"</0626,+0,"G2,B"=)]@2<"=/@2<-"96",/"0+3@23+0,"
</01)<,"9*+"20M9@21"901"</0,*9*-",/"=)]@2<"=/@2<-"96",/"G90,/0"/*"G2@@;)@"</01)<,Cc"
H59(";$?%$H+9+(&<5*$'(,T3$J51"G5-*>"P(C" ' ,C"%@9C"!JUJR"NN!"(/C"#1"J#J>"JSSj"!"'"#$
53;6#$@6(";$?%$C9";;"3>"P(C" ' ,C" ' /@/C"!JU!R"\#S"HC#1"SI$>"SI\"Pbq2r0"0/"+M+0,"G2@@"
90"+_<)@=9,/*-"93*++ : +0,"]+"=+* : 2,,+1",/"6B2+@1"939206,"9"<@92 : "/;"G2@@;)@"901"
G90,/0"0+3@23+0<+CcRj">5(I;$?%$B6G)"9$J+)&"$J";,%$8694%>"P ' /00C"(C" ' ,C"#$$NR"
#I\" ' /00C"S!Q>"SSI"P ' /00+<,2<),"1/+6"0/,"*+</302`+"1+3*++6"/;"0+3@23+0<+C".),"
=*/B2]2,6"FXF"=*/M262/06";/*"*+<7@+66"901"20,+0,2/09@"</01)<,RC""

' /0626,+0,@->"GB+*+"@+;,",/"</ : : /0"@9G"20",B+"</)*,6>"P()"9;6($?%$A1\;I59$
/(,"9;%>"P#$$\" ' ,C"%==C" 8 200CR"I!#" iCYC#1"IJ\>"U$!>"*+</302`+1"b90-"w,+* : d"20"9"
</0,*9<,"GB2<B"9,,+ : =,6",/"+_+ : =,"9"=9*,-";*/ : "@29]2@2,-";/*"3*/66"0+3@23+0<+"/*"
G90,/0"</01)<,"26")0+0;/*<+9]@+>"0/,",B+"+0,2*+"q</0,*9<,rCd"P[)/,203"W63:&5(&$?%$
A+)MP*"9+15($A6,69;469,;#$'(1%>"UJU"?C"()==C"IUS>"IUU"PDC"L90C"!JJNR"PGB2<B"20"
,)*0"[)/,+6"5+6,9,+ : +0,"P(+</01R"/;" ' /0,*9<,6"k"!JNP!R"P!JU!R"Pw%",+* : "
469("<)0.2(/01+)_<)0=.,20(3)9"=9(R-)"]1/2:("4B9g0.2+4100076.224100..274,1"(-).=2+(C/1US)<]0U"P(,)-]"J5000(E2004.0551069..2241600679,*24

#$"

#$##"%& ' "()*+,-". /01203"4"5267"8 9093+ : +0," ' /0;+*+0<+"
./02,9"(=*2036>"?@/*219"

!C (,9,),/*-"H*/B2]2,2/06"/0"FXF"H*/M262/06"

%6"911*+66+1"9]/M+"20"00"9"<96+"GB+*+",B+"@2:2,9,2/0"/;"@29]2@2,-"=*/M262/06"]9**+1"
</06+[)+0,29@"19:93+6"901"@2:2,+1"*+</M+*-",/"b,B+",/,9@"9:/)0,"=921>c"/0+"
'9@2;/*029"'/)*,"B+@1"bq'2M2@"'/1+r"6+<,2/0"!\\U"*+01+*6",B+"qr"@2:2,9,2/0"/;"
@29]2@2,-")0+0;/*<+9]@+",/",B+"+_,+0,"2,"G/)@1"206)@9,+"D+;+0190,";*/:"20,+0,2/09@"
,/*,"@29]2@2,-Cc"*!"'"#$W"H66;,$A")+5$!%J%L%$?%$L66I!*59,$L,)*%"P i CD"'9@C>"A)0+"!#>"
#$!QR"#$!Q"eC(C"D26,C"F f u0("U$JIU>"#$!Q"YF"#\#!Q\N>"9,"JT!$C"

F/)262909"B96"9"6,9,),+",B9,"1+<@9*+6"96"0)@@"90-"<@9)6+",B9,"@2:2,6"@29]2@2,-"]96+1"
/0"20,+0,2/09@";9)@,"/*"3*/66";9)@,"/*";/*"=B-62<9@"20V)*-C"(++>"F9C"'2MC"'/1+"%*,C"
#$$Qj"\;,96G+"1I+$?%$P&&9";;69$K3"",#$L,)*%>"J\N"(/C#1"N#I"PF9C"%==C"#$$IRC""

#C 00,+0,2/09@"E/*,6"901"?*9)1)@+0,"'/01)<,"

%6"2012<9,+1"9]/M+>"V)*2612<,2/06"9*+"*+@9,2M+@-")02;/*:>"+2,B+*"=)*6)90,",/"6,9,),+"
/*"1+<262/09@"@9G>"20"*+;)6203",/"+0;/*<+"FXF"=*/M262/06"20"<96+6"20M/@M203";*9)1"
/*"20,+0,2/09@":26</01)<,C"*!"'"#$"%&%#$K2"(,";$?%$\G"("P?@9C"S1"DC'C%C"!JINR"S!$"
(/C"#1"QNUC""

00",B+"G/*16"/;"/0+"</)*,>"

e0@27+"<@92:6"20M/@M203"0+3@23+0,"M2/@9,2/06"/;"@9G")01+*"q'9@C"
'2M2@"'/1+r"(+<,2/0"!\\U>",B+*+"26"0/"6=@2,"20",B+"<96+@9G"
*+39*1203"20,+0,2/09@",/*,6C"EB+"<96+6")02;/*:@-"B/@1",B9,"
w@2:2,9,2/0"/;"@29]2@2,-"<@9)6+6"9*+"20+;;+<,2M+"G2,B"*+6=+<,",/"
<@92:6";/*";*9)1"901":26*+=*+6+0,9,2/0>d"*+39*1@+66"/;"GB+,B+*"
,B+"=)]@2<"20,+*+6,"26"2:=@2<9,+1C"q8+,+(&$K66)$!5:",-$F",$!9?;%$?%$
/16$!5:"$!-;%$X!P#$'(1%"P#$!#R"#$J"'9@C%==CQ,B"!!!U>"!!#\j"
H35(I"(<"+*#$;2495>"#!I"'9@C%==CS1"9,"!QI!T!QISr"qxr pC"+M+0"
GB+*+",B+"<@9)6+"9:/)0,6",/"9"@2:2,9,2/0"/0"19:93+6"96"
/==/6+1",/"90"/),*23B,"+_+:=,2/0C"

B"9"&9+("$B<59*;%#$'(1%$?%$83+(+153$!2443+";$A&*,%"P'CD"'9@C>"A)@-"S$>"#$!QR"
#$!Q"eC(C"D26,C"F f u0("!$NIN\>"==C"NSTNNj"#$!Q"YF"SIJ!N\Ij"K66)$!5:",-$F",$
!"9?+1";$?%$/16$!5:"$!-;,"*;$X!P#$'(1%"P#$!#R"#$J"'9@C%==CQ,B"!!!U>"!!#\j"
H35(I"(<"+*#$;2495#"#!I"'9@C"%==C"S1"9,"=C"!QI!g!QISC""

00"9"<96+"GB+*+",B+"@2:2,9,2/0"/;"@29]2@2,-"=*/M262/06"]9**+1"</06+[)+0,29@"19:93+6"
901"@2:2,+1"*+</M+*-",/"b,B+",/,9@"9:/)0,"=921>c",B+"i/*,B+*0"D26,*2<,"/;"
'9@2;/*029"B+@1"bq'9@C"'2M2@"'/1+r"6+<,2/0"!\\U"*+01+*6",B+"qr"@2:2,9,2/0"/;"
@29]2@2,-")0+0;/*<+9]@+",/",B+"+_,+0,"2,"G/)@1"206)@9,+"D+;+0190,";*/:"20,+0,2/09@"
,/*,"@29]2@2,-Cc"

#!"

#$##"%&''()*+,-".01203"4"5267"8 9093+:+0,"'/0;+*+0<+"
./02,9"(=*2036>"?@/*219"

SC &*/66" i +3@23+0<+" 8 9-"5+01+*"90"FXF"H*/M262/0"
e 0+0;/*<+9]@+"

#$##"%& ' "( )*+,-" . /01203" 4 "5267" 8 9093+ : +0," ' /0;+*+0<+"
. /02,9"(=*2036>"?@/*219"

</00+<,2/0"G2,B"</06,*)<,2/0"</0,*9<,6C"E/":97+"2,":/*+"*+9@26,2<>"G+"911",/",B+"
+_9:=@+",B*++"9112,2/09@";9<,6^"P!R"</:=+,203"=920,"</:=902+6"G+*+"0/,"9M92@9]@+"
,/"1/",B+"G/*7")0,2@"/0+"-+9*"9;,+*",+*:209,2/0>"901"P#R",B+"1+@9-"*+6)@,+1"20",B+"

,B9,",B+2*"</06+[)+0,29@"19:93+6"*+6)@,+1";*/:"1+;+0190,d6";*9)1)@+0,"
</0<+9@:+0,"/;",B+"206,9@@:+0,"/;";9)@,-"<9]@+C""""

fM+0"G2,B/),"</0<+9@:+0,"20M/@M+1>")01+*"'9@2;/*029"'/0,*9<,/*6"(,9,+"F2<+06203"
@9G6>",B+";/@@/G203"9*+")0@9G;)@^""

'9@C".)6C"4"H*/;C"k"I!$IC"%]901/0:+0,"/;"</0,*9<,C"

'9@C".)6C"4"H*/;C"k"I!$JC"D+=9*,)*+";*/:"9<<+=,+1",*91+"
6,9019*16j"D+=9*,)*+";*/:"=@906"/*"6=+<2;2<9,2/06"

'9@C".)6C"4"H*/;C"k"I!!$C"D26*+39*1"/*"M2/@9,2/0"/;"6,9,),+6"
P20<@)1203"])2@1203"</1+6R"

'9@C".)6C"4"H*/;C"k"I!!SC"?92@)*+",/"</:=@+,+"=*/V+<,";/*"
</0,*9<,"=*2<+"
"
'9@C".)6C"4"H*/;C"k"I!!JC"?92@)*+",/"=*/6+<),+"G/*7"12@23+0,@-"

EB+6+"6,9,+"@2<+06203"6,9,),+6>"</:]20+1"G2,B"'9@2;/*029"'2M2@"'/1+"6+<,2/0"!\\U"
=*+<@)1203"90"FXF"=*/M262/0";*/:"]+203"+0;/*<+1"2,",B+"FXF"=*/M262/0"</0;@2<,6"
G2,B"/,B+*"6,9,),+6"1+6<*2]203"2@@+39@"9<,2/06>"G/)@1"6++:",/"</:=@+,+@-"0+39,+"
90-"=*/,+<,2/0"/,B+*G26+"9M92@9]@+",/"9"</0,*9<,/*"GB/":23B,"<B//6+",/"9]901/0"9"
V/]>";92@",/"=*/M21+"=*/=+*":90=/G+*>";92@",/"</:=@+,+"2,";/*",B+"=*2<+>"/*";92@",/"
</**+<,"70/G0"0/0T</0;/*:203"G/*7"/*"</1+"M2/@9,2/06"+M+0"2;",B+"</0,*9<,/*"
G+*+"</:=@+,+@-")=T;*/0,"901"B/0+6,"9]/),"2,"9,"9",2:+"GB+0",B+"/G0+*"</)@1"
:2,239,+"2,6"19:93+6C"EB)6>",B+"</:]209,2/0"/;",B+6+"6,9,),+6"9==+9*","/"0+39,+"90-"
/=,2/0"/;"+;;2<2+0,"]*+9<B"]-"9"</0,*9<,/*"20"'9@2;/*029"20"6)<B"<2*<):6,90<+6

#Q"

"

#N"

#$##"%& ' "( )*+,-" . /01203" 4 "5267" 8 9093+ : +0," ' /0;+*+0<+"
. /02,9"(=*2036>"?@/*219"