



!  
"#\$%&\$'(%)!\*'')+%(,+-\$%.!! /O+&&!\$234!53%-3'!6\$!7894(:!\*#(%(\$%!!  
!  
; 83&-\$%'+('3!<3&())%.!! /O+&&!\$234!53%-3'!6\$!7894(:!\*#(%(\$%!!!  
!  
=(34>2\$'?!.



#'\$#3%&(-R!&:\$'3!(%!-Q3!6'+P3!+%>!#\$&-F&-'+-6(3>!+::\$'>(%)!-\$!  
-Q3&3!>3:(43&0!MQ3!23()Q-&!23'3!-Q3%!#\$&-F&-'+-6(3>!\$%!EHEH!  
#'3&(>3%-(+4!B\$-3!:Q\$(:3!+&!234!+&!+!6\$8'F2+R!&-'+-6(:+-\$%!\$6!  
)3%>3'!!+)3!ZJF:+-3)\$'(3&\!'+:3!ZJF:+-3)\$'(3&\!+%>!3>8:+-(\$%!ZJF  
:+-3)\$'(3&\!-\$!#'\$>8:3!+'3)(&-3'3>!B\$-3'!23()Q-0!

1(?34R!S\$-3'!O\$>34.!!

=(%+4R! '3)(&-3'3>!B\$-3'!23()Q-&!23'3!-Q3%!23()Q-3>!-\$!)(B3!4(?34R!  
B\$-3'!#'\$6(43&!)(B3%!+!9+--3'R!\$6!-Q'33!(-3P&!(\$'>3'!&4()Q-4R!P\$'3!  
23()Q-!-Q+%!-Q3('!8%4(?34R!B\$-3'!: \$8%-3' #+'-&0!MQ3&3!(%:48>3>!G\!  
Q\$2!:4\$&34R!-Q3R!6\$4\$2!%32&!+9\$8-!:+%>(>+-3&!8%%(%)!6\$!  
7'3&(>3%-a!E\!O\$2!\$6-3%!-Q3R!&+R!-Q+!-!-Q3R!B\$-3'!2Q3%!-Q3'3!(&!+!  
7'3&(>3%-(+!343: -(\$%a!+%>!Y\!Q\$2!4(?34R!-Q3R!+'3!-\$!B\$-3!(%!-Q3!