

```
.@9'ABCD'E'DDF'G'DDH'
               6789:4$
                                                             !/<4C07<5F4$+$Q99:54?$V470/5/C$
$
                                                                  'D#5C3$!897J<$T07J<5J4E'
!"#$%&'%())*+#%'
                                                                 9: 5: ;<'. /0<4<'
                                                                      " ;484562'1 ;: J0?7'
                                                       ^41470J3$e$B047<5F4$T0. R4J<$e$T40;. 087/J4$
 !/1<0>J<. 0$. :$^4J. 0?-$$\$
                                                       64841<40$+$b470-$$
 C::514$[>8140-$$]
 T3. /4$[ >81 40-$$
                          $
 W) U 75:-$$
 C::5J4\$\#.>01-\$
                          X@$799.5/<84/<
                                                       B04?5<$#.>01-$
                                                                                     d$940$64841<40$
     . /0'! 1234567458'9: 5: ;<'&=>0;405?0'
      234$85115. \$. :\$<34\$=>?@$A4\137:\$\#. \. 01\$B. ::4C4\$\D\#. \. 01\$B. ::4C4\$\$\frac{1}{2}$\$. \$?4F4:. 9\$
     <. 8.00. GH1$:47?401$1@$90. F5?5/C$;501<)07<4$4?>J7<5. /7:$.99.0<>/5<541$<.$<34$8.1<$35C3:@$
      8.<5F7<4?K$5/<4::4J<>7::@$J>05.>1K$7/?$7J7?485J7::@$7JJ. 89:5134?$1<>?4/<1$7<$L6MkM. 0$<351$
     0471. /\(\s\<34\s\#. /. 01\s\B. ::4C4\s\7581\s\: 0\se. >\s<.\\$?4F4: 9\s\7\\$5/?494/?4/<\s\?4/<\s\\es\7\\$\\$5\04/\s\
      1J3.:70-$7$90.?>J40$.;$P/.G:4?C4$G5<3$I 4/4;5J57:$1.J54<7:$5897J<\\$
      Q$P4@$. | R4J<5F4$. :$<34$<34151$4$94054/J4$51$<. $4$9. 14$@. >$<. $<34$P5/?$. :$84/<. 05/C$
     04:7<5. /1359$@. >$85C3<$4$94054/J4$5/$C07?>7<4$1J3. :\$23>1\$@. >0$8. 1<$589. 0<7/<$
      7J<5F5<541$G5::$I 4$<34$?4F4:. 984/$7/?$875/<4/7/J4$. :$7$847/5/C:>:$G. 0P5/C$04:7<5. /1359$
      G5<3$\equiv . > 0$<34151$J3750$\text{$\sigma}$
      ! "#$#%&' %()$#*&%+ , #-&)' . -%
 234151$T0. J411$DB. >014$" 504J<. 0E$+$
                                              X075/1<. 085/C$+$!?47<5. /$`$#. /. 01$B. ::4C4$M7J>:<@$
 234151$T4085<1$
                                              U5J374:$BN$B0. 11K$T3N" N$D8J0. 11aZ >1;N4?>E$
 Q<1>P. $67P75K$UN$Q0J3N$Q11. JN$Q!QK$
                                              V5/?@$" 7F5?1. /K$T3N" N$D:5/?@?Z3. /. 01N>1;N4?>E$$
 VWW" $X" YB$D717P75Z 3. /. 01N>1;N4?>E$$
                                              Q/?04G$#70C0. F4K$T3N" N$D7G370C0. F4Z>1;N4?>E$
 !/1<0>J<. 0K$#. /. 01$B. ::4C4$DQV[$, \, E$]
                                              L::>85/750$67:58K$T3N" N$D>17:58 Z 3. /. 01N>1;N4?>E$
                                              #.::@$65/C3K$T3N"N$D3?15/C3Z3./.01N>1;N4?>E$
 234151$B. /<4/<$+$"504J<5. /$
                                              B7<3405/4$] 5:P5/1K$T3N" N$DJRG5:P5/1Z3. /. 01N>1;N4?>E$
 M7J>:<@$<34151$J3750$
                                              X4/R785/$b. > / CK$T3N" N$DI 1@. > / C, Z 3. /. 01N>1;N4?>E$
```

"4C044\$] . 0P1\$+\$B. >014\$^4_>50484/<1\$

Q115C/4?\$#. /. 01\$B. ::4C4\$7?F51. 0\$



,,- K050;62'&L1?674: 5'%76703057'
2351\$J. >014\$51\$970<\$.;\$<34\$L/5F4015<@\$.;\$6. ><3\$M:. 05?7H1\$W/37/J4?\$A4/407:\$W?>J7<5. /\$
B>005J>:>8\\$!<\$51\$J40<5;54?\$;. 0\$/. �\$1&)2#%3%4556)#7%8#1\$.). 09%; 00"%; 51*&%\$1*&)*#\\$
6<>?4/<1\$4/0.::4?\$5/\$<351\$J. >014\$G5::\$I 4\$71P4?\$<. \$970<5J597<4\$5/\$<34\$L6M\$A4/407:\$W?>J7<5. /\$
71141184/<\$4;;. 0<\\$2351\$G5::\$5/F. :F4\$1>I 85<<5/C\$J. 9541\$.;\$G05<5/C\$7115C/84/<1\$;. 0\$04F54G\$F57\$
B7/F71N

#54M0;<47N'!: 1;<0'@0<?;4>74: 5'
"4F4:. 984/<\$.;\$7/\$5/<40?51J59:5/70@\$<34151\$>/?40\$<34\$?504J<5. /\$.;\$7\$84/<. 0\\$6<>?4/<1\$
90. ?>J4\$7/\$. 05C5/7:\$90. R4J<\$1>J3\$71\$7\$1J3.:70:@\$97940\\$?415C/\$90. R4J<\\$940;. 087/J4\\$
9. 0<;.:5. \\$. 0\\$1>15/411\\$9:7/\\\$B.>014\\$51\\$<7P4/\\$;. 0\\$,\$14841<401\\$<. \\$J. 89:4<4\\$#. /. 01\\$
04 >50484/<1\\

,O- !: 1;<0'I;0;0P14<470<'G'I0;347<'
#. /. 01\$B. >014\$T4085<\$M. 08\$8>1<\$I 4\$>14?\$<. \$04C51<40I\$\$T4085<1\$;. 0\$234151\$!!\$13. >:?\$I 4\$
1>I 85<4?\$7;<40\$04J45F5/C\$<34\$;5/7:\$J. >014\$C07?4\$0234151\$!E\$7<\$<34\$4/?\$. ;\$<34\$14841<40I\$\$
DB. >014\$T4085<\$M. 08-\$3<<91-ffGGGN>1;N4?>f3. /. 01fJ>004/<)1<>?4/<1f;. 081N719SE\$\$

65/J4\\$34\\$;. J>1\\$.;\\$351\\$J. >014\\$1\\$. /\\$34\\$90. J411\\$\@. >\\$704\\$4\\$94J<4?\\$<. \\$1>1 85\\$8>:<\\$9:4\\$?07;<1\\$.;\\$@. >0\\$G. 0P\\$<. \\$@. >0\\$34\\$1\\$\J3750\\$/\\$\$. 0?40\\$<. \\$04\J45F4\\$7990. 9057<4\\$;44?1 7JP\\$905. 0\\$<. \\$1>1 85\\$15. /\\$.;\\$34\\$;5/7:\\$34\\$1\\$\U7P4\\$1>04\\$<. \\$14<\\$34\\$1J34?>:4\\$G\\$3\\$@. >0\\$34\\$1\\$\J3750\\$7<\\$34\\$F40\@\\$;501<\\$844<5/C\\$.;\\$34\\$14J. /?\\$14841<40\\$.;\\$@. >0\\$34\\$1\\$\\$





V- \$0P14;0L'. 0=7<'65LY: ;'\$06L458<'65L'!: 1;<0'\$670;462<' T0. F5?4?\$. /:5/4\$71\$/44?4?N

V,- #5L0;8;6L1670'\$0<06;?/'*77;4T170'
2351\$J. >014\$51\$7<<05I ><4?\$71\$7/\$L/?40C07?>7<4\$^41470J3\$B. >014\$0LA^E\$;. 0\$5/<4C07<5/C\$<34\$
35C3)5897J<\$907J<5J4\$. ;\$041470J3\$G35J3\$371\$I 44/\$;. >/?\$<. \$I 4/4;5<\$1<>?4/<1\$;0. 8\$F7054?\$
I 7JPC0. >/?1\$0QQB+L\$VWQTEN\$234\$B. >/J5:\$. /\$L/?40C07?>7<4\$^41470J3\$0BL^E\$?4;5/41\$<351\$71\$
;. ::. G1-\$7/\$5/_>50@\$. 0\$5/F41<5C7<5. /\$J. /?>J<4?\$I @\$7/\$>/?40C07?>7<4\$1<>?4/<\$<37<\$87P41\$7/\$
. 05C5/7:\$5/<4::4J<>7:\$. 0\$J047<5F4\$J. /<05I ><5. /\$<. \$<34\$?51J59:5/4N\$!/\$<351\$J. >014K\$@. >\$G5::\$
J. /?>J<\$7\$90. R4J<\$<37<\$4/7I:41\$@. >K\$5/?5F5?>7::@\$. 0\$5/\$C0. >91K\$<. \$9. 14\$. 0\$G. 0P\$;0. 8\$7\$
?4;5/4?\$041470J3\$_>41<5. /K\$799:@\$84<3. ?1\$. ;\$5/_>50@\$<. \$C4/407<4\$;5/?5/C1K\$7/?\$13704\$<34\$
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!/<4041<4?\$5/\$<34\$()J04?5<\$. 9<5. /h\$#404i1\$G37<\$@. >\$/44?\$<. \$?. -\$



- Q//. <7<4?\$X5I :5. C0793@\$DQ:5C/1\$G5<3\$6VC\$j *\$6<>?4/<1\$G5::\$4/C7C4\$5/\$847/5/C;>:\$J05<5J7:\$ 04;:4J<5. /\$5/\$04_>504?\$J. >014G. 0PK\$I @\$90. ?>J5/C\$1>I 1<7/<5F4\$7/7:@151\$7/?\$?51J>115. /\$. ;\$ 041>:<1f;5/?5/C1\$5/\$G05<5/CEN\$
- •!/<40F54G\$T0.194J<5F4\$234151\$B3750\$DQ:5C/1\$G5<3\$6VC\$j *\$6<>?4/<1\$G5::\$4/C7C4\$5/\$847/5/C;>:\$J05<5J7:\$04;:4J<5. /\$5/\$04_>504?\$J.>014G.0PK\$I@\$?48./1<07<5/C\$J.//4J<5./\$I4<G44/\$J>005J>:>8\$7/?\$;><>04\$C.7:1\$<30.>C3\$04;:4J<5./\$./\$7047\$.;\$5/<4041<\$7/?\$90.194J<5F4\$<34151\$J3750EK\$
- B. /;508\$234151\$B3750\$DQ:5C/1\$G5<3\$6VC\$j *\$6<>?4/<1\$G5::\$4/C7C4\$5/\$847/5/C;>:\$J05<5J7:\$ 04;:4J<5. /\$5/\$04_>504?\$J. >014G. 0PK\$I @\$?48. /1<07<5/C\$J. //4J<5. /\$I 4<G44/\$J>005J>:>8\$7/?\$;><>04\$C. 7:1\$<30. >C3\$04;:4J<5. /\$. /\$7047\$. ;\$5/<4041<\$7/?\$90. 194J<5F4\$<34151\$J3750EN\$ \$

!/\$64841<40\$*K\$

!"#\$%&'(\$)\$((*\$+\$((,-\$#./.01\$234151\$\$\$\$\\$

VO,-



\$

. 1;54745-?: 3W\$\$

 $!/$<351$J. > 014$K> 0/55/NJ. 8$G5::$I 4$><5:504?N$2>0/55/$$1$7/$7><. 87<4?$1@1<48$G35J3$ 5/1<0>J<. 01$87@$>14$<. $_>5JP:@$7/?$4715:@$J. 89704$47J3$1<>?4/<\ndots17115C/84/<\ndots65\3$J5::5. /1$. ;$G4I $15<41$K71$G4::$71$7/$4/. 08. >1$?7<7I 714$. ;$1<>?4/<\ndots979401$<37<$CO. G1$G5<3$47J3$ 1>I 85115. /N$QJJ. 0?5/C:@$$@. >$G5::$I 4$4$94J<4?$<. $1>I 85$7::$7115C/84/<1$5/$I . <3$370?$J. 9@$7/?$4:4J<0. /5J$; . 087<\ndots9C;<40$<34$7115C/84/<\ndots91590. J4114?$71$5/1<0>J<. 0$!$04J45F4$7$049. 0<$;0. 8$<>0/55/NJ. 8$<37<$1<7<41$5;$7/?$3. G$7/. <340$7><3. 0i1$G. 0P$G71$>14?$5/<34 7115C/84/<\ndots9MJ. 0$$7$8. 04$?4<75:4?$:. . P$7<$<351$90. J411$F515<\ndots9<6-ffGGGN<0/55/NJ. 8$\ndots9<6-ffGGGN<0/55/NJ. 8$\ndots9<6-ffGGGN<0/55/NJ. 8$\ndots9<70$$71$5/$JJ:711N$$$

\$

V,V-!:1;<0'I:24?40<WA07?41'

K;6L0<': X'd,5?: 3>2070dW

VV- !: 1;<0'I: 24?40<\24J3/.:. C@\7/?\U4?57''

! 65M6<-\$\$

2351\$J. >014\$G5::\$I 4\$. ;;404?\$F57\$L6MH1\$:470/5/C\$87/7C484/<\$1@1<48\$DVU6EK\$B7/F71\\$I;\$ @. >\$/44?\$34:9\$:470/5/C\$3. G\$<. \$940;. 08\$F705. >1\$<71P1\$04:7<4?\$<. \$<351\$J. >014\$. 0\$. <340\$ J. >0141\$I 45/C\$. ;;404?\$5/\$B7/F71\\$9:4714\$J. /1>:<\$!//. F7<5F4\$W?>J7<5. /i1\$041. >0J41\$;. 0\$ 1<>?4/<1\$3<<91-ffGGGN>1:\4?>f5//. F7<5F4