

<u>''#\$%&'()*!+(,'-./!</u>

! "#\$#%&' (#%) *+,'-./+0-% ! "#\$#1) *+,'-./+0- 2 \$3!+43% 5#66%7878%

9:9;<=>?7@<AB\

0,

>552), -)42!?&\((4@!-),!0\\|-...!\A5'1451'26!!

B2,)2.,-@.!C6DE!F!G6HI!? + \#, 4*ME'*, #6\((++E', -.*, \K*, 4\\$.*BG=I\<\7G?8\JKT\P''D''\\P'6\\.+0Q+\\#.**00'D+\\'*30.\\#, 4\\! '"#Q03E\\E' (+1\\a*30\\M#0E'D'\M\E'*, \\#, 4\\4'.D3..'*, \\-0\#4+\\P'6\\/+\0\#DE*0+4\\/#.+4*, \\\$*30\\#EE+, 4\#, D+*, \\! #, Q\#.\\C** (\\430', -*30\\6'\Q+\\ (\#, 4\#E*0\$\\((++E', -.1\\)

%

%



K(8'-'@!A1\$\$&'56%

 $f + \text{E} \% 66 \% E'' + \text{M} . 3 \text{MM} * 0 \text{E} \% * 3 \text{M} , + + 4 \text{M} P'E'' \% 0 + . + \# 0 D'' \% 0 * 0 \% \$ * 3 0 \% D * 3 0 . + . 1 \% F'' + \text{M} a + . ''' Q \# \text{M} c , 'Q + 0 . 'E \$ \% ; ' / 0 \# 0' + . \% 16 \% 1 \$ 3 1 + 4 3 V \% * 0 0 + 0 \%' , 4 'Q' 4 3 \# 6' R + 4 \% D * , . 3 6 E \# E' * , . \% E'' \# E \% P' 6 6 \%'' + 6 M \% \$ * 3 \% 6 * D \# E + \% \# , 4 \% D'E + \ 3 0 , \# 6 \% \# 0 E' D 6 + . T \ / * * S . T \ # , 4 \% * E'' + 0 M D 0 + 4 ' / 6 + \ M . * 3 0 D + . \% 0 * 0 \% . * 6' 4 M M # M + 0 . T M M 0 + . + , E \# E' * , . T \ # , 4 \% 0 + M * 0 E . 1 \% S' 6 6 + 4 \%' , 0 * 0 (# E' * , < . + + S + 0 . \% . 3 D D + + 4 \% D \# 4 + ('D \# 6 6 \$ \% # , 4 \%' , \% E'' + \ P * 0 S M 6 \# D + 1 \% J 0 + M \# 0 + M 0 * 0 \% E'' + \% 0 3 E 3 0 + \% / \$ M D * , E \# D E' , - \% E'' + \% 6' / 0 \# 0 \$ \% \# E \%'' E E M . G N N 6' / 0 \# 0 \$ 1 \$ 3 1 + 4 3 N \# . S g E'' + g 6' / 0 \# 0 \$ 1 \% M M M N M N M N M M N M N M M N M N M N M M N M M N M M N M N M M N M M N M N M M N M N M M N M N M N M N M N M N M M N M N M N M N M M N M$

N&\$(4.6!

B 220!C!

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L)5'&, 145(&)!5&!5/2!0&1'.26!!
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f *#6.\h \h \b XM+DE#E'*, \\
!*30.+\.E03DE30+\\
^#Q'-#E', -\!#, Q#.\\\
^#Q'-#E', -\L,6', +\A#E#/#.+.\\
\\
B 220!G!
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L) L)5'&, 145(&)!5&!+(,'-./!
!
32Q()()*!52'=.\\\
i\ptvm\nltj\purp\nltj\tsjrq\ponj\mlkj\\
\\
!"#$#\&'(#\)*+,'-./+0-\\
!"#$#\) *+,'-./+0-2 $3!+43\\
5#66\7878\\
9:9;<=>?7@<AB\\
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N/2!5'-) = (...(\&)!\&0!UZ!YXWV!UTSR0%
yxmoqp\\qwskq\\\\\\
yxmlsjmp%qwskq%
B/-5!(.!+(,'-./[!
%qsnlt%Nznlt%h%nltj%%%%
F$M+.%*0%('40#."'(%#,4%40#."*E%
+(,'-./!M-\%-0/-/!
LQ+0Q'+P%*0%K#\*0%H*0S.T%F**6.%h%&D"**6.%*0%F"*3-"E%
K#6/'(\%*,\K'40#."\\@#6#S"#"\\
B 220!HFE!
+(,'-./!>**-,-/\\
@'.E*0'D#6%9#DS-0*3,4%
K'40#."\\,\\E"+\\&\$,#-\*-3+\\Q.1\\E"+\\9+'E\\K'40#."\\
LQ+0Q'+P\%*0\%K\#\%*0\%H*0S.\%*0\%K'40\#."\%!*66+DE'*,.\%h\%!0'E'D\#6\%b4'E'*,.\%\%
qsnltp\\nltj\\yxlsm\p\\nltj\\
F"+%' ( M*0E#, D+%*0%K'40#."%
                           LLP
                                   M\& \setminus !5\&! ; 2-,!-), !A51, @!+(,'-./!
+(,'-./(4!)\&'=.!
U&+6+DE'*, .%00* (%UWT!R_V^TW!P'66%/+%#..'-,+4%#,4%.E34'+4V%
90+#S', -%4*P, %E"+% ('40#."'D%.E03DE30+G%
UVT`US!U`b^U!_aT`!
\langle p \mid xqw \rangle
<pwsv%</pre>
<rnj\(\)
< xon 1t %1 swx } %
<yvqw\!
\langle yxju | xn \sim j
B 220!cFd%
! "#$#%&' (#%) *+,'-./+0-%
! "#$#1)*+,'-./+0-2$31+43%
5#66%7878%
9:9; <=>?7@<AB
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ee!?-'./-/!0&')2'!ee!+(,'-./!&)!XSWVU!RVTZ!
&E34'+.%',G%
UWT!^Tf S!
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B 220!h
i.2!\&0! + (, '-./!()!5/2!0\&==2)5-'(2.!\&0!; (./\&)(=!)
€#."'%
€1%WQ0#"#(%:/,%bR0#%
>4/'\&)(=6!
1kx%xru%
pr{kps\{qup\|
B 220!CI%
N-\%=1, (4!>**-, (5-\%)
F"+%0+6#E'*,."'M%/+EP++,%@#6#S"#"%#,4%W--#4#"%
i),2'.5-),()*!"#5'-Fj(8\(4-\)!A5&'(2.!!
B 220!CCFCH!
                    LP
                          N/2!M(.5\&'(4-\%!; 242\$5(\&)!\&0!+(,'-./6!))
!
       ; 'E+0#6%Q.1%^*,<; 'E+0#6%€+#4', -%#,4%E''+%€*6+%*0%W66+-*0$%
J2\&)(=6!
€1%&"+0'0#%
€1%@#'%
€1%&" (3+6%/#0%@*0,'%%
;(./\&)(=6!!
K#'(*,'4+.\%
! "#$#%&' (#%) *+,'-./+0-%
! "#$#1) *+, '-./+0-2 $31+43
5#66%7878%
9:9;<=>?7@<AB\
```

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