



3K',J"K(9\$!"G

<.E1/E./KG

6>./5-181''((1,/c7><15>4D<>,135D181'''+(1/,,-;3 5,>0-:

6>./5-181''((1,/c7><15>4D<>,135D181'''(1//,-;3 5,>0-:

6/("EG .OU11?PP1P\*1@S1<IP,1K11!1PY"@A1@S1\*1?1J?!S11Y?!\*H1&^1P\*UAI@\*PIU@A1!1\*O11?S11"K1'&1N1!11K"U@A1\*1R11Y!1PI@\*1?1?@1  
U@A1!1?S11A11@`1@S1Y?!\*HX14"1V11#1@?11VO?!S1P1N1!11K1U1A11DO11V?P11N?P1!1K1!11A1\*110\*UAI@\*15"@AUVX

DE"%FG

8>?AAA>AP

<D("H9,-"%8"1/#("JG GN"# "K' "%6\*-+"#5 -11.

./'D(/KG ,-. /0123/41532670181532670197/, :/4 ; 0181353 : -2/5197/, :/4 ; 0134 :1> /5-0181, -3<4/4 ;1<-0>  
3K',J"K(%;''\*##"J%L"(M""KG ?@A



DE"%Fg 8>?%AAA>BP <D("H9, - "%8" I /#("JG \$%&)'(')1(F+^  
./'D(/KG , - . /0123/41532670181532670163<a/4 ; 1, >D0181, >D1c181 357, DE%0D3 %\_/0/D><0  
3K',J"K(%; ''\*##"J%L"(M""KG \$%&)'(')1(F+^ ?@A \$%&)'(')1(\$^  
3K("#KD!%8"N#"K'"%6\* - +"#G  
3K',J"K(%9\$I"G <,E1/E,(/KG  
6>, /5 -181^+((1679, /515>26, 3/4D181^++)10706/5/> 5, >0 - :  
6/("EG 31K?VUJ\*H1# I#R1I1I1Y"!\*IA1KI@AI@SINO?\*O1R1J1I]IA1N1I1Y?V`I\*P1K1AIUSP1@1?Y?I`@S1J"\*X1D01Y?V`I\*P1N1I1I1?\*I1I  
A1\*1I!#I@IA1\*"1R1I1@IV"\*I@I1Y"UVOIP1N1O1V0?!I1@""\*1I1I1S?JX

DE"%Fg 8>?%AAA>BC <D("H9, - "%8" I /#("JG \$%&)'(')1'(( )  
./'D(/KG , - . /0123/41532670181532670197/, :/4 ; 01813D=, -D/5018106><D0134 :1<-5<-3D/>4181, - . /010D3 :/  
3K',J"K(%; ''\*##"J%L"(M""KG \$%&)'(')1'(( ) ?@A \$%&)'(')1'(( )  
3K("#KD!%8"N#"K'"%6\* - +"#G  
3K',J"K(%9\$I"G <,E1/E,(/KG  
6>, /5 -181^+((15</2/43, 1:323 ; -134 :1D<-06300181 5, >0 - :  
6/("EG DN"!IPIAI@\*P1UA1@\*P1S?I@IA1U@?U\*O"!I\IA1?V1PPI\*"\*O1I!"K1K1?1P\*!"S1IV"@\*?I@I1@I?1\*O1I1V!PP6V"U@\*H1K1IJA14"1  
V!I!#I@?J1VO?S1PX1<KI!!IA1\*"1P1UA1@\*1V"@AUV\*Y

DE"%Fg 8>?%AAA>>A <D("H9, - "%8" I /#("JG \$%&B)'(')1&'(C  
./'D(/KG , - . /0123/41532670181532670197/, :/4 ; 0181<-0/ : -45-1=3, , 0181 >74 : -<01=3, , 181 >G'(C  
3K',J"K(%; ''\*##"J%L"(M""KG \$%&)'(')1'((( ?@A \$%&)'(')1'+B\$  
3K("#KD!%8"N#"K'"%6\* - +"#G  
3K',J"K(%9\$I"G <,E1/E,(/KG  
6>, /5 -181^'((1679, /510-</5-181^'B'15=-5a1 ><1 5, >0 - :  
6/("EG O\*UA1@\*P1I1Y"!\*IA1V"@V1I!@1R"U\*1?#?J1I!PIAI@\*P1UA1@\*X13@1@]IP\*IS?\*"I@1?@A1N1JGR1I@S1VO1V`1I@AIV?\*IA1\*O1I1N?P1@\*1  
V?UPI1K"1I1V"@V1I!@X

DE"%Fg 8>?%AAA>>B <D("H9, - "%8" I /#("JG \$%&^)'(')1(B)\$  
./'D(/KG , - . /0123/41532670181532670197/, :/4 ; 01813D=, -D/5018106><D0134 :1<-5<-3D/>4181, - . /010D3 :/  
3K',J"K(%; ''\*##"J%L"(M""KG \$%&^)'(')1(B) ?@A \$%&^)'(')1(B)\$  
3K("#KD!%8"N#"K'"%6\* - +"#G  
3K',J"K(%9\$I"G <,E1/E,(/KG  
6>, /5 -181(^((197< ; , 3<E1 <>21312>9/, -1\_-=/5, - >6-4  
6>, /5 -181(B((130037, D181(B+(13 ; ; <3\_3D- :G>D=-< >6-4  
6/("EG 31#?J1I1PUPYIV\*Y"1@\*IA1?@1?I1P"K\*1SU@1?1?1P\*UA1@\*1NO1@1PO11@\*1VIA1O1#1RU1S?I!I@S1?1]I@VJ1X1OUPYIV\*1K1IA1\*O1I1PV1@1X

DE"%Fg 8>?%AAA>>> <D("H9, - "%8" I /#("JG \$%&^)'(')1&(B^  
./'D(/KG , - . /0123/41532670181532670197/, :/4 ; 0181353 : -2/5197/, :/4 ; 0134 :1> /5-0181353 : -2/5105/-  
3K',J"K(%; ''\*##"J%L"(M""KG \$%&^)'(')1&(B) ?@A \$%&^)'(')1&(BB  
3K("#KD!%8"N#"K'"%6\* - +"#G  
3K',J"K(%9\$I"G <,E1/E,(/KG  
6>, /5 -181^&((10-</5-1>D=-<13 ; -45E181^&&+15/DE 5, >0 - :  
6>, /5 -181^B((12-4D3, 1=-3, D=181^B)(1>D=-<1<- , 3E 5, >0 - :  
6/("EG &\$GHI?IG"JA1K1#?J1I1PIAI@\*P1UA1@\*1IdY1I!I@VIA1?@1?@dlI\*H1?\*"V`1I@\*O1I13O1RU1WAI@S1?@A1N?P1!@PY"!\*IA1]I?1  
?#RUJ?@V1I\*1\*O1I1O"PYI\*?JX

DE"%Fg 8>?%AAA>>O <D("H9, - "%8" I /#("JG \$%&^)'(')1&(B^  
./'D(/KG , - . /0123/41532670181532670197/, :/4 ; 0181353 : -2/5197/, :/4 ; 0134 :1> /5-0181353 : -2/5105/-  
3K',J"K(%; ''\*##"J%L"(M""KG \$%&C)'(')1&(( ?@A \$%&C)'(')1&+B(  
3K("#KD!%8"N#"K'"%6\* - +"#G  
3K',J"K(%9\$I"G <,E1/E,(/KG  
6>, /5 -181^+((1679, /515>26, 3/4D181^+C)1:/067D-1L 5, >0 - :  
6/("EG 3@1&FGHI?IG"JA1K1#?J1I1V"# #U\*1I!P\*UA1@\*1I1Y"!\*IA1?@1"@GS"1@S1V"@KJIV\*1N1I\*O1?1VJ?PP#?1X15?P1I\*1R1I!KI!!IA1\*"1P1UA1@\*1  
V"@AUV\*14"1V!I!#I@?J1?V\*1]I!HX

DE"%Fg 8>?%AAA>>Q <D("H9, - "%8" I /#("JG \$%&^)'(')1&(B^  
./'D(/KG , - . /0123/41532670181532670197/, :/4 ; 01813D=, -D/5018106><D0134 :1<-5<-3D/>4181, - . /010D3 :/  
3K',J"K(%; ''\*##"J%L"(M""KG \$%&C)'(')1&C(( ?@A \$%&^)'(')1&)((  
3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$! "G <.E1/E./KG  
6>, /5 -181(C(197<; , 3<E181(C'F15>22 - <5/3,1L4>1 >6-4

6/("EG 3@1"U\*A" " !1P\*"! ?S1POIYYI@SIV"@\*?!@ !1!N?P1I@\*! !A1?@A1@U# !!"UP1!# PIP\*"J!@X

DE"%FG 8>?@AAA>>? <D("H9, - "%8" I /#("JG \$%&^%' (')1&B+)  
. / 'D(/KG , - . /0123/41532670181532670163<a/4 ; 1, >D0181, >D1gg1G1< - 0/ : - 4D0% 357, DE%OD3  
3K',J"K(%; ' ' \*##"J%L"(M""KG \$%&B%' (')1'((( ?@A \$%&^%' (')1&B+)  
3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$! "G <.E1/E./KG  
6>, /5 -181(^((197<; , 3<E1 <>21312>9/, -1\_ - =/5, - >6-4

6/("EG 9U!Sj?!Hk! " #1# ""!"! ] IOIWI1!@16?! " @S1, " \*ggX

DE"%FG 8>?@AAA>>R <D("H9, - "%8" I /#("JG \$%&^%' (')1&^B(  
. / 'D(/KG , - . /0123/41532670181532670163<a/4 ; 1, >D0181, >D1gg1G1< - 0/ : - 4D0% 357, DE%OD3  
3K',J"K(%; ' ' \*##"J%L"(M""KG \$%&C%' (')1(\$)& ?@A \$%&^%' (')1&^B  
3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$! "G <.E1/E./KG  
6>, /5 -181(^((197<; , 3<E1 <>21312>9/, -1\_ - =/5, - >6-4  
6>, /5 -181(\$((12>D><1\_ - =/5, -1D= - D0181(\$' (13DD- >6-4

6/("EG <IY"! \*IA1RU!Sj?!Hk! " #1# ""!"! ] IOIWI1, " \*ggX

DE"%FG 8>?@AAA>>S <D("H9, - "%8" I /#("JG \$%&F%' (')1(&&  
. / 'D(/KG , - . /0123/41532670181532670197/, : /4 ; 0181< - 0/ : - 45-1=3, , 01812 >D= - <1D - < - 031=3, , 1812D6+( '13  
3K',J"K(%; ' ' \*##"J%L"(M""KG \$%&F%' (')1((&B ?@A \$%&F%' (')1(&B(  
3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$! "G <.E1/E./KG  
6>, /5 -181^F((1: - 63<D2 - 4D3, 10 - <\_ /5 - 0%35D/\_/D/-  
6>, /5 -181^' ((1679, /510 - <\_ /5 - 181^' B(16 - <0>41: > .

6/("EG 2 ""OI! ! "K! ?1&\$GHI ?!G !JAT!KI # ?J! ! !PIA I @\*P\*UA I @\*! ! bUIP\* I A! ?PPIP\* ?@V I !N! ?O! I !A ?USO\* I !NO " !K !J! "K! O! ! !NO I !JVO ?! !X

DE"%FG 8>?@AAA>>C <D("H9, - "%8" I /#("JG \$%&F%' (')1&B)F  
. / 'D(/KG , - . /01> 1532670181< - ; />43, 1532670 - 0181/, , /4 > /0181 > 3a19<>>a  
3K',J"K(%; ' ' \*##"J%L"(M""KG \$%&F%' (')1&B(( ?@A \$%&F%' (')1&B)B  
3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$! "G <.E1/E./KG  
6>, /5 -181(' ((15</2/43, 10 - h73, 130037, D181('C(10 - 5, >0 - :  
6>, /5 -181^&((10 - <\_ /5 - 1>D= - <13 ; - 45E181^&B(13, , 1: 5, >0 - :

6/("EG 3IP\*UA I @\*! !IY"! \*IA1\*"! ?1K?VUJ\*H1 # ! #R I ! !O\*?1POI1N?P1?PP?UJ\* I A1RH1?1K? #UJH1 # ! #R I ! !?1O! ! !O" # ! X!DO! IV?P11N?P1! !K! ! !IA1  
\*!O! ! !J"V?J! !U! !PAIV" @X

DE"%FG 8>?@AAA>>C <D("H9, - "%8" I /#("JG \$%'&' (')1(\$'F  
. / 'D(/KG , - . /0123/41532670181532670197/, : /4 ; 0181< - 0/ : - 45-1=3, , 0181, 303, , -1=>70-181, =6' (^, 374 : <  
3K',J"K(%; ' ' \*##"J%L"(M""KG \$%'&' (')1(\$'F ?@A \$%'&' (')1(\$)B  
3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$! "G <.E1/E./KG  
6>, /5 -181^&((10 - <\_ /5 - 1>D= - <13 ; - 45E181^&&+15/DE 5, >0 - :  
6>, /5 -181^+((1679, /515 > 26, 3/4D181^+&C13, 3<21L /: 5, >0 - :

6/("EG ! ! I ?J ? ! # IV ? U P I A I R H I ? K ? U \* H I P # " ` ! I A I \* I V \* " ! X

DE"%FG 8>?@AAA>OA <D("H9, - "%8" I /#("JG \$%'%' (')1&+)  
. / 'D(/KG , - . /0123/41532670181532670197/, : /4 ; 0181< - 0/ : - 45-1=3, , 01812 >D= - <1D - < - 031=3, , 1812D6'(C  
3K',J"K(%; ' ' \*##"J%L"(M""KG \$%'%' (')1&+ ?@A \$%'%' (')1&+  
3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$! "G <.E1/E./KG  
6>, /5 -181^F((1534439/015>4D<>, 135D181&FF(1534: 5, >0 - :

6/("EG 31' (GH1 ?!G !JAT!KI # ?J! ! !PIA I @\*P\*UA I @\*N?P1] ?YI@SIV?@@?RIP!@1O! ! !PIA I @V! !O?J! ! " #X1 \_?Y! !A I ] !V! !V" @KIPV? !AX14 "1  
V! ! # ! @?J!VO? !S!P!X!5?P! ! !K! ! !IA1\*"!P\*UA I @\*IV" @AUV\*X



3K("#KD!%8"N#"K'"%6\* - +"#G

3K',J"K(%9\$I"G

<.E1/E.(/KG

6> ,/5 - 181^&((10 - <\_/5 - 1>D = - <13 ; - 45E181^&&+15/DE 5 , >0 - :

6> ,/5 - 181^+((1679 ,/515 > 26 , 3/4D181^+&C13 , 3 < 21L /: 5 , >0 - :

6 / ("EG DO11K!!11?J?!#1N?P1?V"[]?\*1A1?\*: 11 , ?10?J114"!\*O1=?J1AU11\*"1?1K?UJ\*H1P# "` 11A1\*1V\*"!X