



!

, + :V8P=1F!T. /8E9! \ 0! ' .RP9E2!

!

!

' .VE99E>|-0!-0!@ .118P>#0! ( 0!%ORR>!T0! , 0!@E1 : .>!T0!\_0!h=0/ ;>!%0!X0>!@ .1;1=VE>! ( 0!70>!  
 ) \$\*+&,\*&- . /#\*-' ! >! c! ( D ( .U. />! f 0!#0!G34"LH0!! ( O9Q8C=D8!ECCEDQP!=C!8/bOPQ8DE!=/!Q.1;EQP!  
 =C!D=O/QE1R1=: ODQ8VE!^=1<![EU. V8=1P!./ :!QUE!M=: E1.Q8/ ;!1=9EP!=C!P2M[=98Z.Q8=!/!. / :!  
 V8DQ8M!PE/P8Q8V8Q20!! "#\$%&'(")(E\$+%3K&.3""%&'(? , I&43"\$>!TU>!"433K"45I0!!

) \$\*+&,\*&- . /#\*-' ! >' (>! c! ( O/b.9>!T0!G34"LH0!7E2=/:!) 8DQ8MP!./ :!SE1REQ1.Q=1P0!8%:#6.\$3&'(&%:(  
 E\$+%3K&.3""%&'(>657I""'+5=>,\$6A,7.34,6(")(C73,%7,(&%:(>\$&7.37,>!00>!"`K"330!((

!

) \$\*+&,\*&- . /#\*-' ! >' (>! ] ==9:18: ;E>#0! ( 0!c !%ORR>!T0! , 0!G34"JH0!#=1R=1.QE!P=D8.9!  
 1EPR=/P8[898Q2!./ :!PR=1QP0!&!T0!-0!6V2./QE<!CA "\$.6(&%:(V%:., \$6.&%:3%+(E\$+%3K&.3""%6!  
 GRR0!34BK3BLH0!#U.19=QE>!\_0#0F!&/C=1M.Q8=!/!+ ;E!SO[98PU8/ ;0!!

!

) \$\*+&,\*&-' ! >' (>! c !%ORR>!T0! , 0!G34" `H0!\*UE!b=8/Q!ECCEDQP!=C!bOPQ8DE!D98M.QE>!;1=OR!M=1.9!  
 8: E/Q8Q2>!. / :!D=1R=1.QE!P=D8.9!1EPR=/P8[898Q2!=/!QUE!R1=P=D8.9!./ :!:EV8./Q![EU.V8=1P!=C!  
 ;1=ORP0!!"#\$%&'(")(?#63%,66(<.I376>!OTW>`JJK`IJ0!!

!

' .VE99E>|-0!%ORR>!T0>! ( ./E;=9:>|-0!f 0!c!) \$\*+&,\*&-' ! >' (>G34"BH0! ( O9Q8C=D8!-OPQ8DE!./ :!\* .1;EQ!  
 68M89.18Q20!&! / ( 0!+M[1=PE!c !%0!#1=R. /Z. /=>!OI, (EQ)"\$:(R&%:D""S(")(E\$+%3K&.3""%&'

!

@OCCM./!G, :P0H0!N\$, ,%(E\$+&%3K&.3""%6=(2\$343%+(B1&%+, (L3.I(8ZE(>6571 ""'+5(GRR0!` IKI3H0!  
\_E^!h=1<>!\_0!h0F!SP2DU=9=;2!S1EPPY%=0Q9E: ;E0!

!

%ORR>!T0!, 0!6U.=>!%0!) \$\*+&,\*&=' !>' (>>!6<.198D<8>!T0!G34"5H0!+RR98D./Qpg!./ :!EMR9=2EEP!  
1E.DQ8=/P!Q=!D=1R=1.QE!P=D8.9!1EPR=/P8[898Q2F!\*UE!M=:E1.Q8/;!ECCEQP!=C!C81PQKR.1Q2!bOPQ8DE!  
RE1DERQ8=/P!./ :!M=1.9!8:E/Q8Q20!>,\$6""%, '(>6571 ""'+5>![ />!LIBKI55J(

!

%ORR>!T0!>c!) \$\*+&,\*&=' !>'G34""H0! ?1; ./8Z.Q8=/ .9!-OPQ8DE0!EQ)"\$:(?3D'3"+\$&A13,6(E%'3%,J!\_E^!  
h=1<F! ?WC=1: ! \$ /8VE1P8Q2!S1EPP0!

!

@899>!S0! ' 0!7011=^>!+0! ' 0! ?gTE99>!+0!#0!>c!) \$\*+&,\*&=' !>' (>!G34"4H!#9.PP8C28/ ;! . : =9EPDE/QPg!  
D=/DERQ8=/P!=C!R01R=PE!8/!98CE0!!OI, (!"#\$\$%&'("(>"63.34, (>6571 ""'+5>!\>!A` `KAJ50!

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**!2%34#\*356' (%0.&1-!'**

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%ORR>!T0!, 0!\ =PPE<>! , 0!, 0!701<E>! ' 0! ] 89P= /> \ 0!60>! f 08:12>!70>!S=1QE1!#0!) \$\*+&,\*&=' !>>!  
718DE>! ] 0!SE18;8/=>! ( 0! ( .99=12>!T0!>c!' . ^KSE/1=PE>-0!G34"AH0!S01:OE!\$ /8VE1P8Q2!  
j 0.98Q2!=C! ] =1<!, /V81=/ME/Q!&/8Q8.Q8VE!, MR9=2EE!601VE2!X8/ :8/ ;P0! ] EPQ!' .C.2EQQE>!&\_>!  
S01:OE!\$ /8VE1P8Q20!

!

%ORR>!T0!, 0!S=1QE1!#0!6DUE1E1>\ 0!) \$\*+&,\*&=' !>' (>>!c! f 08:12>!70!G34"3H0!<4&'#&.3""%(")(.I, (  
\*%&+,\$3&'(F66,66 - ,%.(&%:(2,4, ""A - ,%(B,%, \$(>\$"+\$& - J(\_E^!h=1<>\_E^!h=1<F!  
\$\_&#, X

!

)\$\*+&,\*&-./#\*='!>'(>#1=^K71.OE1!>!(0!S=1QE1!>#0!> c!T=/ :9:P= />!\_0' (.QE1/8Q2!9E.VE!  
:ED8P8=/KM.<8/ ;!8/!QUE!^=1<R9.DE0!T.Q.!D=99EDQ8=/!D=MR9EQE0!\* .1;EQ!b=01/ .9F!+D. :EM2!=C!  
(. / . ;EME/Q!-=01/ .90!

)\$\*+&,\*&-./#\*='!>'(>!)#0[18DU>!(0!'EE!X0!c!#U./ ;>S0!'0!OI,(B"\$A"\$&.,(!#:+,(&%:(!#\$5=(  
^I,%(CI"'#):(E\$+&%3K&.3""%6(>#%36I(<-A""5,6)(<Q.\$&ZE\$+&%3K&.3""%&'(? ,I&43"\$6`!\* .1;EQ!  
b=01/ .9F!8%:#6.\$3&'ZE\$+&%3K&.3""%&'(>6571"""+50!!

)\$\*+&,\*&-./#\*='!>'(>= '( .19=^>!60!X.89E!>\0!> c!'OPE!> ]0!#!6.37,(&%:(D&7S'&6I(&+&3%6()., - &' ,(  
' ,&: , \$6I3A(3%(. , &-6)(T.Q.!D=99EDQE:0!\* .1;EQ!b=01/ .9F!/"#\$%&'(") (\*&%&+ , - , %J((

)\$\*+&,\*&-./#\*='!>'(>!)c!%ORR>!T0! ,0!2 , '34, \$5(")(!#6.37,/(8%9#6.37,/(&%:( ; , 7, 66&\$5(<43'6=(F(  
^"\$SA'&7,(<QA""\$&.3""%!/T.Q.!D=99EDQ8=/!D=MR9EQE:0!\* .1;EQ!b=01/ .9F!E\$+&%3K&.3""%&'(  
? , I&43"\$&%:(R# - &%(2 , 7363""%(>\$"7, 66, 60!

**4\*&'"+&5""9+"3"&,%0\*&3'**

T=/ :9:P= />!\_0! ,0!)\$\*+&,\*&-./#\*='!>'(>!)T0/b8D>+0>!c!XIE2>!(0! ,0! ^ "\$S3%+(\_\$" - (R" - ,=(  
> , \$7, 34, : (8% , \$\$#A.3""%6/(N, %: , \$(23)) , \$ , %7, 6/(&%:(@"" , (? "#%: &\$5(C, + - , %&.3""%(<)) , 7.6(  
""(>\$" : #7.343.50!S.1Q!=C!QUE!k7E2=/ :!#=#/C98DQF! f E/ : E1!T8CCE1E/DEP!8/!&/V8P8[9E!' . [ =1! . / :!  
7=0/ : .12! ( . / . ;EME/Q!P2MR=P8OM0'+DDERQE:!.Q!QUE!5L<sup>0U</sup>+//O.9!6&?S!#=#/CE1E/DE0!

@2:E>!60!-0!>XO: ;E! \ .M.9>!T0! \0!> c!)\$\*+&,\*&-./#\*='!>'(0!OI,(F\$.(")(^&\$(&%:(\_3\$, %:6I3A=(  
F'"3&%7,(F7.343.5(&%:(.I,( ; , , :)"\$(F))3'3&.3""%J(+DDERQE:!.Q!QUE!3""<sup>P0</sup>+//O.9!#=#/CE1E/DE1=C!  
QUE!6Q1.QE;8D!(. / . ;EME/Q!6=D8EQ2>!)81Q0.90(

)\$\*+&,\*&-./#\*='!>'(>= \ O2<E/ : .99>!> \ E8QU>!(0!f0!S=1QE1!>#0!> (0!>6Q1.U>!\_0>7.QZK7.1[.18DU>!  
#0!'0!> c!>6.EC!>0!> (0'>\$&7.37&'5(V6, ' , 66`=(OI,(V6,)#%,66(")>\$&7.37&'(8-A'37&.3""%6(3%(  
&aE/@,6, &\$7I0!S1EPE/QE:!.Q!QUE!5B<sup>0U</sup>+//O.9!(EEQ8/ ; !=C!QUE!6=D8EQ2!C=1!&/ : OPQ18.9! . / :!  
?1; . / 8Z.Q8=/ .9!SP2DU=9=;2>!\_E^! ? 19E. /P>' =O8P8. / .>! \$ 6+0!G (=VE: !Q=!.!V81Q0.9!C=1M.Q0H!

#1=^!71.OE1!>!(0!)\$\*+&,\*&-./#\*='!>'(>@'S=1QE1!>#0!> (0!OI,(8-A&7.(")(FD#634,(C#A,\$4363""%(")(  
\* &., \$%3.5(H, &4, =(OI\$, ,(OI, "\$, .37&'(> , \$6A, 7.34, 60!S.1Q!=C!QUE!k\_=VE9!+ : V. /DEP!=/!S==192!  
\$/ :E1PQ==!#U.99E/ ;EP! ] =ME!/X.DE!.Q! ] =1<1!P2MR=P8OM0'+DDERQE:!.Q!QUE!L""<sup>P0</sup>+//O.9!  
(EEQ8/ ; !=C!QUE!+D. :EM2!=C!(. / . ;EME/Q!)81Q0.90!!

@2:E>!60!-0!>7.DU01.>! ,0!>XO: ;E! \ .M.9>!T0! \0!> c!)\$\*+&,\*&8.1417587.9868T5000501659.668503T50165\*+&

!

?&6,D&'0!S1EPE/QE:!.Q!QUE!J!I<sup>U</sup>+//O.9!(EEQ8/;!C!QUE!+D.:EM2!=C!(./.;EME/Q>!7=PQ=>!  
(.PP.DUOPEQP>!\$6+0!

!

)\$\*+&,\*&-./#\*='!>'(>>!(D#.1QE1>!(0! ] 0>#9.1<>!-0!%0>'OPE>] 0>@E2:.18C.1:>!e0>!c!@O./;>'0!  
60!%0!G34" I>+R189H0!G3+3'&%. (9#6.37,=(F(6.#:5("(-&S,#A(7&'6(3%(\*&9"\$H,&+#,(?&6,D&'0!  
S1EPE/QE:!.Q!QUE!5A<sup>U</sup>+//O.9!(EEQ8/;!C!QUE!6=D8EQ2!C=1!&/:OPQ18.9!./:!?1;./8Z.Q8=/ .9!  
SP2DU=9=;2>!.Q8=/ .9!@.1[=1>!(.129./:>!\$6+0!

,

)\$\*+&,\*&-./#\*='!>>!c!#U./;>!S0!'0!G34"L>!--O/EH0!B"\$A"\$&.,(9#:+,(&%:(9#\$50!S.RE1!R1EPE/QE:!  
.Q!QUE!"5<sup>U</sup>+//O.9!SU89=P=RU2!=C!(./.;EME/Q!#=/CE1E/DE!f1EE/^8DU>!\$ \ 0!mm!'8PQE:!.P!  
#U./;>!S0!'0>!c!\*U=1/Q=/K'O;=>!(0!8!/D=/CE1E/DE!R1=;1.M0!

,

#1=R./Z./=>!%0>!%ORR>!T0!,0>!)\$\*+&,\*&-'!>'(>>!c!6U.=>!%0!G34" `>+O;OPQH0!E\$+&%3K&.3""&'  
9#6.37,(&%:( "\$+&%3K&.3""&'(73.3K,%6I3A(D,I&43"\$0!!S.RE1!R1EPE/QE:!.Q!QUE!J<sup>U</sup>+//O.9!  
(EEQ8/;!C!QUE!+D.:EM2!=C!(./.;EME/Q>+/.UE8M>!#.98C=1/8.>!\$6+0!!

!

)\$\*+&,\*&-'!>'(>>] ==>!60>!c!\E8QU>!(0!G34" `>+R189H0!8N;8O<(:,D&.,=(C1"#':(L,(\$#6.("\$(&4"3:(  
""3%,(7""4,%3,%7,(6&-A',6` (6EPP8=!R1EPE/QE:!.Q!QUE!5<sup>PQ</sup>+//O.9!#=/CE1E/DE!=C!QUE!  
6=D8EQ2!C=1!&/:OPQ18.9!./:!?1;./8Z.Q8=/ .9!SP2DU=9=;2>+/.UE8M>!#.98C=1/8.>!\$6+0!!

!

)\$\*+&,\*&-'!>'(>>!c!%ORR>!T0!,0!G34"B>+O;OPQH0!<4,\$5"",(I&6(%,,:6=(OI,(QA,\$3,%7,("(  
:, '34,\$3%+(9#6.37,(3%("\$+&%3K&.3""&6J(S.RE1!R1EPE/QE:!.Q!QUE!JB<sup>U</sup>+//O.9!(EEQ8/;!C!QUE!  
+D.:EM2!=C!(./.;EME/Q>!). /D=OVEG348c mBT50321T f (0(+)-0.20)0.2(C[1T(01255.52(19943T

!

%ORR>!T0! , 0>!) \$\*+&,\*&-' ! >' (>!)78E9P<8K7=18P>! ( 0>! c !710/=>!%0!G34"3>!+R189H0!BC@(&6(.I3\$:ZA&\$.5/  
9#6.37,=(OI,(-":,\$&.3%+(\$""),( - "\$&'(. \$&3.6)!S.RE1!R1EPE/QE:!.Q!QUE!3J<sup>U</sup>!+/ /O.9!  
#=/CE1E/DE!=C!QUE!6=D8EQ2!C=1!&/ :OPQ18.9!./ :! ?1;./8Z.Q8=/ .9!SP2DU=9=;2>!6. /!T8E;=>!  
#.98C=1/8.0!

) \$\*+&,\*&-' ! >' (>!)?gTE99>!+0!#0!@899>!S0! ' 0>! c !7011=^>!+0! ' 0!G34"4>! ( .1DUH0!>#\$A"6,(  
"\$3,%&.3""%6(&%:(A#\$A"6,(6.&. #60!S=PQE1!R1EPE/QE:!.Q!QUE!"5QU!78E//8.9!( EEQ8/ ;!=C!QUE!  
6=D8EQ2!C=1!%EPE.1DU!=/!+ : =9EPDE/DE>!SU89. :E9RU8.>!S+0!

@899>!S0! ' 0>!7011=^>!+0! ' 0>!?gTE99>!+0!#0!c!) \$\*+&,\*&-' ! >' (>!)G34"4>! ( .1DUH0!(8%(I,3\$("L%(  
L"\$:6=(F:"",67,%6)(7""%7,A.3""%6(")(A#\$A"6,0!62MR=P8OM!R.RE1!R1EPE/QE:!.Q!QUE!"5QU!  
78E//8.9!( EEQ8/ ;!=C!QUE!6=D8EQ2!C=1!%EPE.1DU!=/!+ : =9EPDE/DE>!SU89. :E9RU8.>!S+0!!!

?gTE99>!+0!#0!7011=^>!+0! ' 0>!@899>!S0! ' 0>!c!) \$\*+&,\*&-' ! >' (>!)G34"4>! ( .1DUH0!>#\$A"6,(6.&. #6,6(  
3%(&:"",67,%7,=(F66"73&.3""%6(L3.I(:36.3%7.(A&., \$%6(")(&:9#6. - ,%0!62MR=P8OM!R.RE1!  
R1EPE/QE:!.Q!QUE!"5QU!78E//8.9!( EEQ8/ ;!=C!QUE!6=D8EQ2!C=1!%EPE.1DU!=/!+ : =9EPDE/DE>!  
SU89. :E9RU8.>!S+0!!!

@899>!S0! ' 0>! ' .RP9E2>!T0! \ 0>!# .V. / . ;U>!+0!-0>!c!) \$\*+&,\*&-' ! >' (>!)G34"4>!. /O.12H0!<Q&-3%3%+(.I,(  
\$"" ,(")(3-A373.(7"+%3.3""%6(3%(4""#%., \$36-J(S.RE1!R1EPE/QE:!.Q!QUE!"QU!+/ /O.9!  
#=/CE1E/DE!=C!QUE!6=D8EQ2!C=1!SE1P=/ .98Q2!./ :!6=D8.9!SP2DU=9=;2>' .P!)E; .P!\_ )0!

'8>!,0>!) \$\*+&,\*&-' ! >' (>!)@899>!S0! ' 0>!7011=^>!+0! ' 0>!71. / :E/[E1;E1>!-0! ] 0>!c!' .RP9E2>!T0! \ 0!  
G344L>!\_ =VEM[E1H0!>\$"- .3%+(6"73&'4&# ,6(3%/#%: , \$+&:#&. ,60!S=PQE1!R1EPE/QE:!.Q!QUE!  
5A<sup>U</sup>!+/ /O.9!( EEQ8/ ;!=C!QUE!+PP=D8.Q8=/!C=1! (=1.9! , :OD.Q8=/>!\_ =Q1E!T.ME>!&\_0!

(A%+23'%&2'B\*%+3'

343"!+D. :EM2!=C! ( . / . ;EME/Q!+/ /O.9!( EEQ8/ ;K!7EPQ!S.RE1!TEP8; / .Q8=/!G80E0!Q=R!"4n !=C!  
R.RE1PH!

34"J!+D. :EM2!=C! ( . / . ;EME/Q!+/ /O.9!( EEQ8/ ;K! ?OQPQ. / :8/ ;!%EV8E^E1!G ? 7!T8V8P8=/H!

34"^\!+D. :EM2!=C! ( . / . ;EME/Q!+/ /O.9!( EEQ8/ ;K! ?OQPQ. / :8/ ;!%EV8E^E1!G ? 7!T8V8P8=/H!

34"A!#0!,0;E/E! ] .9<E1! ?OQPQ. / :8/ ;!f1. :O.QE!6QO:E/Q!+ ^ .1:>!TER.1QME/Q!=C!SP2DU=9=;8D.9!  
6D8E/DEP>!S01:OE!\$/8VE1P8Q2!

34"''\_ .Q8=/ .9!6D8E/DE!X=0/ : .Q8=/>!f1. :O.QE!6QO:E/Q!XE99=^PU8R!S1=;1.M!@=/=1. [9E!( E/Q8=!

6R18/ ;!34"4>!X.99!344I>!6R18/ ;!344I>!X.99!344L>!TE. /gP!'8PQ>!#=99E;E!=C!+1QP!. / :!'EQQE1P>!  
\$/8VE1P8Q2!=C!\_ =Q1E!T.ME!

C+%&,3'%&2'D"11\*A3\$073'

!

3433!\$/8VE1P8Q2!=C!+<1=/0!\$/:E1PQ./:/8;!QUE!(.QE1/8Q2!'E.VE!TED8P8=/K(.<8/;!S1=DEPPF!+!  
j 0.98Q.Q8VE!6Q0:2!o^8QU!#.8Q98!/S=1QE1p0!q"4>444!

34"J!(\$/8VE1P8Q2!=C!\*EW.P!.Q!6./!+/Q=/8=0!f 089Q!./:!/Q=/EME/QF!+!6Q0:2!=C!(.<EOR!#.99P!o^8QU!  
(.QQUE^!(D#.1QE1!./:!/=-/.QU./!#9.1<p0!qB444044!

34"B!T10!#U.19EP!@0!' . ^PUE! f 1. :O.QE!XE99=^PU8R!G+^ .1:E:!Q=(E;U./!+0!\*U=1/Q=/>!q"B4044H!

34""!%=[E1Q!S0!' .1PE!/f 1./Q!C=1!%EPE.1DU8/!# .1EE!TEVE9=RME/Q!\$/8VE1P8Q2!=C!&998/=8P!# .1EE!  
#E/QE1!G+^ .1:E:!Q=(E;U./!+0!\*U=1/Q=/>!q5B4044H!

34"4!@098/!XE99=^PU8R>!TER.1QME/Q!=C!SP2DU=9=;2>\$/8VE1P8Q2!=C!&998/=8P!\$1[./ .K#U.MR.8;/!  
G+^ .1:E:!Q=(E;U./!+0!\*U=1/Q=/>!q" `>"L305BH!

344I!%EPE.1DU!./:!(.QE18.9P!f 1./Q!\$/:E1;1.:O.QE!%EPE.1DU!?RR=1Q0/8Q2!S1=;1.M!\$/8VE1P8Q2!  
=C!\_ =Q1E!T.ME!G+^ .1:E:!Q=(E;U./!+0!\*U=1/Q=/>!q">B44r!+OQU=1!./: !S18M.12!&/VEPQ8;.Q=1H!

344I!' =0;U1E2!+^ .1:>!\$/:E1;1.:O.QE!%EPE.1DU!?RR=1Q0/8Q2!S1=;1.M!\$/8VE1P8Q2!=C!\_ =Q1E!  
T.ME!G+^ .1:E:!Q=(E;U./!+0!\*U=1/Q=/>!qA">3Br!+OQU=1!./: !S18M.12!&/VEPQ8;.Q=1H0!

344L!6OMME1!' . /;O.;E!f 1./Q! ?CC8DE! =C!&/QE1/.Q8=/ .9!6Q0:8EP>\$/8VE1P8Q2!=C!\_ =Q1E!T.ME!  
G+^ .1:E:!Q=(E;U./!+0!\*U=1/Q=/>!q5>444r!+OQU=1H!

**4\*/+3"3')%/#\$.'**

&/:OPQ18.9Y?1;./8Z.Q8=/ .9!SP2DU=9=;2>!&/PQ1ODQ8=/ .9!6ORE1V8P=1>\$/8VE1P8Q2!=C!+<1=/>!7ODUQE9!  
#=99E;E!=C!+1QP!./: !6D8E/DEP>!X.99!3433>!S6 h #!5L4>!6EDQ8=/P!445!./: !B4"0!!

?1;./8Z.Q8=/ .9!SP2DU=9=;2!./: !T8VE1P8Q2>!&/PQ1ODQ=1>\$/8VE1P8Q2!=C!+<1=/>!7ODUQE9!#=99E;E!=C!  
+1QP!./: !6D8E/DEP>!X.99!3433>!S6 h #!AL4>!6EDQ8=/!44"0!!

?1;./8Z.Q8=/ .9!SP2DU=9=;2!./: !T8VE1P8Q20!\$/8VE1P8Q2!=C!+<1=/>!7ODUQE9!#=99E;E!=C!+1QP!./: !  
6D8E/DEP>!6OMME1!3433>!S6 h #!JL4>!6EDQ8=/!A430!N\$&: #&.,Z',4, '0'o&/PQ1ODQ=1!1.Q8/;! =VE1.99F!  
B0444p!

?1;./8Z.Q8=/ .9!SP2DU=9=;2>!&/PQ1ODQ=1>\$/8VE1P8Q2!=C!+<1=/>!7ODUQE9!#=99E;E!=C!+1QP!./: !  
6D8E/DEP>!6R18/;!3433>!S6 h #!JB">!6EDQ8=/!44"0!N\$&: #&.,Z',4, '0'o&/PQ1ODQ=1!1.Q8/;! =VE1.99F!A0AAAp!

SEIP=/ /E9!6E9EDQ8=/>!&/PQ1ODQ=1>\$/8VE1P8Q2!=C!+<1=/>!7ODUQE9!#=99E;E!=C!+1QP!./: !6D8E/DEP>!X.99!  
343">!S6 h #!JL4>!6EDQ8=/!44B0!N\$&: #&.,Z',4, '0'o&/PQ1ODQ=1!1.Q8/;! =VE1.99F!A0`LLp!

?1;./8Z.Q8=/ .9!SP2DU=9=;2>!&/PQ1ODQ=1>\$/8VE1P8Q2!=C!+<1=/>!7ODUQE9!#=99E;E!=C!+1QP!./: !  
6D8E/DEP>!S6 h #!JB">!6R18/;!343">!6EDQ8=/!44"0!N\$&: #&.,Z',4, 'J(E&10&">'o&/PQ1ODQ=1!1.Q8/;!  
=VE1.99F!50J"Ap!

!



!

&/ : OPQ18.9Y ? 1 ; . /8Z. Q8=/ .9!SP2DU=9= ; 2>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C! +<1=> />!7ODUQE9!#=99E ; E!=C! + 1QP!  
./ : !6D8E/DEP>!S6h #!5L4>!X.99!3434>!6EDQ8= /!4450!E&10&">'o&/PQ1ODQ=1!1. Q8/ ; !=VE1.99F!A0AAAp!

\$ / : E1PQ. / : 8/ ; !SE=R9E!8/! ? 1 ; . /8Z. Q8=/P>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C!\*EW.P!. Q!6. /!+ /Q=/8=>!#=99E ; E!  
=C!7OP8/EPP>!6R18/ ; !3434>!6EDQ8= /!44"0!o% .Q8/ ; P! ^8QUUE9 : ! : OE!Q=!# ? ) &TK" Ip!E&10&">'

&/QE1/PU8R>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C!\*EW.P!. Q!6. /!+ /Q=/8=>!#=99E ; E!=C!7OP8/EPP>!6OMME!134" I0!

&/QE1/PU8R>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C!\*EW.P!. Q!6. /!+ /Q=/8=>!#=99E ; E!=C!7OP8/EPP>!6R18/ ; !34" I0!

&/ : ERE/ : E/Q!6Q0 : 2>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C!\*EW.P!. Q!6. /!+ /Q=/8=>!#=99E ; E!=C!7OP8/EPP>!6R18/ ; !  
34" I0!

\$ / : E1PQ. / : 8/ ; !SE=R9E!8/! ? 1 ; . /8Z. Q8=/P>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C!\*EW.P!. Q!6. /!+ /Q=/8=>!#=99E ; E!  
=C!7OP8/EPP>!X.99!34"L>!6EDQ8= /P!443>!445>!. / : !44A!o443! ? VE1.99!D=O1PE!1. Q8/ ; F!A0JYBr!443! ? VE1.99!  
8/PQ1ODQ=1!1. Q8/ ; F!A0JLYBr!445! ? VE1.99!D=O1PE!1. Q8/ ; F!A0BBYBr!445! ? VE1.99!&/PQ1ODQ=1!1. Q8/ ; F!A0BBYBr!  
44A! ? VE1.99!D=O1PE!1. Q8/ ; F!A0`"YBr!44B! ? VE1.99!&/PQ1ODQ=1!1. Q8/ ; F!A0J5YBp0!!

\$ / : E1PQ. / : 8/ ; !SE=R9E!8/! ? 1 ; . /8Z. Q8=/P>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C!\*EW.P!. Q!6. /!+ /Q=/8=>!#=99E ; E!  
=C!7OP8/EPP>!X.99!34"J>!6EDQ8= /P!443>!445>!. / : !44A!o443! ? VE1.99!D=O1PE!1. Q8/ ; F!A0`BYBr!443!

? VE1.99!8/PQ1ODQ=1!1. Q8/ ; F!A0`BYBr!445! ? VE1.99!D=O1PE!1. Q8/ ; F!A0B`YBr!445! ? VE1.99!&/PQ1ODQ=1!1. Q8/ ; F!  
A0`3YBr!44A! ? VE1.99!D=O1PE!1. Q8/ ; F!A0`5YBr!44B! ? VE1.99!&/PQ1ODQ=1!1. Q8/ ; F!A0`IYBp0!

&/ : ERE/ : E/Q!6Q0 : 2>!&/PQ1ODQ=1>! \$ /8VE1P8Q2!=C!\*EW.P!. Q!6. /!+ /Q=/8=>!#=99E ; E!=C!7OP8/EPP>!X.99Z. Q8=/P>!&/PQ1ODQAEp



!

,

k#6%!./:!6R=1QP1!S1EPE/QE:!Q=!\*18/8Q2!\$/8VE1P8Q2>!6DU==9!=C!7OP8/EPP>!6R=1QP!SU89./QU1=R2!  
D=O1PE>!XE[10.12!34"L0!!

,

k-OPQ8DE!%E:OW1!S1EPE/QE:!Q=!\$/8VE1P8Q2!=C!\*EW.P!.Q!6./!+/Q=/8=>!#=99E;E!=C!7OP8/EPP>!  
(./.;EME/Q!TER.1QME/Q>!6ERQEM[E1!34"``0!!!

!

k#6%!./:!6R=1QP1!S1EPE/QE:!Q=!\*18/8Q2!\$/8VE1P8Q2>!6DU==9!=C!7OP8/EPP>!6R=1QP!SU89./QU1=R2!  
D=O1PE>!6ERQEM[E1!34"``0!!

!

k#6%!./:!6R=1QP1!S1EPE/QE:!Q=!\*18/8Q2!\$/8VE1P8Q2>!6DU==9!=C!7OP8/EPP>!(.1DU!34"``0!

!

9\*7/1%+'9+'33'4\*H'+%#''!

!

k6=D8.9!6Q0:8EPF!(.<EKOR!D.99P!^U.Q!:18VEP!..!R8V=Q.9!V=QE!./:!QUE!ECCEDQ!=C!DO1P8/;1!? "6. "%(N'"D,!

,

) "%5\$0&#';&,"+'3,3!

!

- K ?1;./8Z.Q8=/ .9![EU.V8=1!
- K ?1;./8Z.Q8=/ .9!bOPQ8DE!
- K #=1R=1.QE!P=D8.9!1EPR=/P8[898Q2!GM8D1=K9EVE9H!
- K 6E9EDQ8=/!./: !RE1C=1M./DE!.RR1.8P.9!
- K T8VE1P8Q2!

!

I033"+,%,0\*&'4\*660, ""'F"+H05''!

!

<\*--%&151\*. #'K. !K45\*&L'

,

TEE<PU.!( O/b.90!OI,(\$,'&.34,(7"%.\$3D#.3""(")(3%.,\$&7.3""&'(9#6.37,( :3 - ,%63""(3%(A\$, :37.3%+( "\$+&%3K&.3""&'(9"D(, - D, : : , :%, 660!!TECE/ :E: !-O/E!34" I0!!

!

<\*--%&151\*. #'K. MM\*11%L'

'82.=!S./0!+!(EQ.K+/ .92P8P!=C!\*1./PC=1M.Q8=/ .9!'E.:E1PU8R!./:!\* .P<!SE1C=1M./DEF!,WR9=18/;!  
QUE!(E:8.Q8/;!%=9E!=C!#=1E!-=[!#U.1.DQE18PQ8DP0!!TECE/ :E: !-O/E!34" I0!!

!

\EQ.<8!6=:U80!+/Q8D8R.QE: !TECE/PEF!34350!

!

!

24%-\*-'75\*)%&'K.MM\*11%%'K.!K45\*&L'  
f OPQ.V=!\$ ;OEQ=K%E2!

!

8J7"+,03"" 4\* 6 6 0., ""'F"+H05''K'

,

f OPQ.V=!\$ ;OEQ=K%E2!  
( =/Q./.!T1.^ [.0;U!!  
( E;./!\E/^=1QU2!  
6E./!%=^9./:!

!

L&2"+#+%2/%, "" 4\* 6 6 0., ""'F"+H05''

!

24%-\*-'K.MM\*11%%'K.!K45\*&L'  
+ / :1E^!TE1E;9.!

!

24%-\*-'(%5\$%&'  
\*29E1! ] E19./:!

!

F./2''&.'4\*11%<\*+%.\*+3!

!

KN&&%#1'<.3l.&56'OIN\$%#1'G\$)\*-%%-'  
( E;./!#1=^!7.OE1!  
\_8D=9E!T=/ .9:P=/  
( .1;.1EQ!%.UM!  
( =/Q./.!T1.^ [.0;U!

!

:&)\*.N-'<.3l.&56'OIN\$%#1'K.665P.&5l.&-'  
@.//.U!S.l<!  
\_8D=9E!6Q1.U!  
e.Ul.!@E2:.18C.1:!  
'090!@0./;



!

!

**R14\*3-'S'>%45)\*.&(**

+ :!@=D!%EV8E^E1>!34" JK34"L!

!

**T.N&#56'.F'>N-\*#%--'R14\*3-'**

' + :!@=D!%EV8E^E1>!34" JK3434!

!

**T.N&#56'.F'>N-\*#%--'5#\$':-U34.6.9U'**

' + :!@=D!%EV8E^E1>!34" I!

! , :8Q=18.9!7=.1:>!34" IKS1EPE/Q!

! ! %EV8E^E1=C!QUE!hE.l>!3433!

! ! %EV8E^E1=C!QUE!hE.l>!3433"!

!

**T.N&#56'.F'RV0%&\*M%#156'O.3\*56':-U34.6.9U'**

! + :!@=D!%EV8E^E1>!34"L!

!

**T.N&#56'.F' I 5#59%M%#1'**

' + :!@=D!%EV8E^E1>!34" IK3434!

!

**T.N&#56'.F'H&95#\*W51\*.#56'>%45)\*.&'**

! + :!@=D!%EV8E^E1>!34" IK3434!

!

**I 5#59%M%#1'K.MMN#\*351\*.#'XN5&1%&6U'**

+ :!@=D!%EV8E^E1>!34" I!

!

**:%&-.#%#6'5#\$'G--%--M%#1'<%3\*-\*.#-'**

' + :!@=D!%EV8E^E1>!3433"!

!

**F\*50",N'?\*+';&2/3,+0%1%'&2'E+##%&0[% ,0\*%&1'93N5\$\*1\*#N'PF;E9V' '**

! 6& ? S!#=MM8QQEE!#U.81!

! ! K# .99!C=1!S1=R=P.9P!#=MM8QQEE!G34" IK3433H!

! ! KX18:.2!6EM8/.!#!#=MM8QQEE!G34"LK34" IH!

!

! 6& ? S!#=MM8QQEE! ( EM[E1!

! ! KX18:.2!6EM8/.!#!#=MM8QQEE!G34"BK34"LH!

!

! 6& ? S!%EV8E^E1!!

! ! K%EV8E^E1!C=1!+//O.9! ( EEQ8/ ;>!34"BK3433!

!

! 6& ? SK\$ /8QE :!\_ .Q8=/P!6QO:E/Q!\* .P<!X=1DE! ( EM[E1!G34"AK34"BH!

K#==1:8/.QE :!ECC=1QP!^8QU!&/:OPQ18.9Y?1;./8Z.Q8=/ .9!SP2DU=9=;2!;1.:O.QE!R1=;1.M!

P8;/ .Q=18EP!^8QU!QUE! f 9=[ .9!#!=MR.DQ!!

!

**(5%2" 6N'\*?' ! %&%#" 6"&,'**

! += ( !%EV8E^E1!

! ! K%EV8E^E1!C=1!34"BK3434>!3433 s S1EPE/Q!+//O.9! ( EEQ8/ ;!

!

! ! ! m+D</=^9E:;E:!.P!./!k?OQPQ./:8/;!%EV8E^E11![2!QUE!?7!T8V8P8=/>!34"J!  
! ! ! m+D</=^9E:;E:!.P!./!k?OQPQ./:8/;!%EV8E^E11![2!QUE!?7!T8V8P8=/>!34"``!  
!