!

!

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

!

!

' .VE99E>!-0!-0>!@.118P>!#0! (0>!%0RR>!T0!,0>!@E1:.>!T0!_0>!h=0/;>!%0!X0>!@.1;1=VE>! (0!70>!
)$*+&,*&-./#*='! »! c ! (D (.U./>! f 0!#0!G34"LH0!! (09Q8C=D8!ECCEDQP!=C!8/bOPQ8DE!=/!Q.1;EQP!
=C!D=0/QE1R1=:0DQ8VE!^=1<![EU.V8=1P!./:!QUE!M=:E1.Q8/;!1=9EP!=C!P2M[=98Z.Q8=/!./:!
V8DQ8M!PE/P8Q8V8Q20!*!"#$%&'")(E$+&%3K&.3"%&'(?,1&43"$>!TU>!"433K"451I0!!

)$*+&,*&-./#*='!>'(»! c ! (0/b.9>!T0!G34"LH0!7E2=/:!)8DQ8MP!./:!SE1REQ1.Q=1P0!8%:#6.$3&'(&%:(
E$+&%3K&.3"%&'(>6571"'"+5=(>,$6A,7.34,6("%(C73,%7,(&%:(>$&7.37,>!OO>!""`K"3330!((

!

)$*+&,*&-./#*='!>'(»!] ==9:18:;E>!#0! (0>! c !%0RR>!T0!,0!G34"JH0!#=1R=1.QE!P=D8.9!
1EPR=/P8[898Q2!./:!PR=1QP0!&/!T0!-0!6V2./QE<>!CA"$.6(&%:(V%:,$6.&%:3%+(E$+&%3K&.3"%6!
GRR0!34BK3BLH0!#U.19=QQE>!_0#0F!&/C=1M.Q8=/!+;E!S0[98PU8/;0!!

!

)$*+&,*&=' ! >'(» c !%0RR>!T0!,0!G34"`H0!*UE!b=8/Q!ECCEDQP!=C!bOPQ8DE!D98M.QE>!;1=0R!M=1.9!
8:E/Q8Q2>!./:!D=1R=1.QE!P=D8.9!1EPR=/P8[898Q2!=/!QUE!R1=P=D8.9!./:!:EV8./Q![EU.V8=1P!=C!
;1=0RP0!*!"#$%&'")(?#63%,66(<.1376>!OTW>!`JJK`IJ0!!

!

' .VE99E>!-0!%0RR>!T0>! (./E;=9:>!-0! f 0>! c !**)$*+&,*&=' !** >'(>!G34"BH0! (09Q8C=D8!-0PQ8DE!./:!*.1;EQ!
68M89.18Q20!&/! (0!+M[1=PE! c !%0!#1=R./Z./=>!01,(EQ)"$:(R&%:D""S(")(E$+&%3K&.3"%&'(

!

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

!

%0RR>!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/;!ECCEDQP!=C!C81PQKR.1Q2!b0PQ8DE!
RE1DERQ8=/P!./:!M=1.9!8:E/Q8Q20!>,*$6"%%,'(>6571"'"*+5>![[>!LIBKI55J(

!

%0RR>!T0>!c!**) $*+&,*&=' ! >'G34""H0!?1;./8Z.Q8=/.9!-0PQ8DE0!*EQ)"$:(?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!**) $*+&,*&=' ! >' (>!G34"4H!#9.PP8C28/;!.:=9EPDE/QPg!
D=/DERQ8=/P!=C!R01R=PE!8/!98CE0!!*01,(!"#$%&'")(>"63.34,(>6571"'"*+5>!\>!A``KAJ50!

'

'

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

'

%0RR>!T0!,0>!\=PPE<>!,0!,0>!701<E>!'0>!]89P=/>!\0!60>!f08:12>!70>!S=1QE1>!#0>!**) $*+&,*&=' ! >!**
718DE>!]0>!SE18;8/=>!(0>!(.99=12>!T0>!c!'.^KSE/1=PE>!-0!G34"AH0!S01:0E!$/8VE1P8Q2!
j0.98Q2!=C!]=1<!,/V81=/ME/Q!&/8Q8.Q8VE!,MR9=2EE!601VE2!X8/:8/;P0!]EPQ!'.C.2EQQE>!&_>!
S01:0E!$/8VE1P8Q20!

!

%0RR>!T0!,0>!S=1QE1>!#0>!6DUE1E1>!\0>!**) $*+&,*&=' ! >' (**>!c!f08:12>!70!G34"3H0!*<4&'#&.3"%(")(.1,(
*&%&+,$3&'(F66,66-,%.(&%:(2,4,'"A-,%.(B,%.,$(>$"*+$&-J(_E^!h=1<>!_E^!h=1<F!
$_&#,X

!

) $*+&,*&-. /#*=' ! >' (>='#1=^K71.0E1>! (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!

'

) $*+&,*&-. /#*=' ! >' (>>!#0[18DU>! (0>! ' EE>!X0! c !#U./;>!S0! ' 0!01,(B"$A"$&.,(!#:+,(&%:(!#$5=(
^1,%(C1"#':(E$+&%3K&.3"%6(>#%361(<-A'"5,,6](<Q.$&ZE$+&%3K&.3"%&'(?,1&43"$6`!*.1;EQ!
b=01/.9F!8%:#6.$3&'ZE$+&%3K&.3"%&'(>6571"'"+50!!

!

) $*+&,*&-. /#*=' ! >' (>=' (.19=^>!60>!X.89E>! \ 0>! c ! ' 0PE>!] 0!!#6.37,(&%:(D&7S'&61(&+&3%6.(),-&',(
',&:,$613A(3%(.,&-6J(T.Q.!D=99EDQE:0!*.1;EQ!b=01/.9F!!"#$%&'(")(*&%&+,-,%.J((

!

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

'

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

'

T=/.9:P=/>!_0!,0>! **) $*+&,*&-. /#*=' ! >' (>>!T0/b8D>!+0>! c !X1E2>! (0!,0!^"$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!fE/:E1!T8CCE1E/DEP!8/!&/V8P8[9E!'.[=1!./:!
7=0/:.12! (./.;EME/Q1!P2MR=P80M0'+DDERQE:!.Q!QUE!5L^{QU}!+//0.9!6&?S!#=/CE1E/DE0!'

!

@2:E>!60!-0>!X0:;E!\.M.9>!T0!\0>! c ! **) $*+&,*&-. /#*=' ! >' (0!01,(F$.(")(^&$(&%:(_$3,%:613A=(**
F''3&%7,(F7.343.5(&%:(.1,(;,,:()"$(F))3'3&.3"%J(+DDERQE:!.Q!QUE!3"^{PQ}!+//0.9!#=/CE1E/DE!=C!
QUE!6Q1.QE;8D! (./.;EME/Q!6=D8EQ2>!) 81Q0.90(

!

) $*+&,*&-. /#*=' ! >' (>=' \ 02<E/:.99>! ' 0>! \ E8QU>! (0! f 0>!S=1QE1>!#0! (0>!6Q1.U>!_0>!7.QZK7.1[.18DU>!
#0! ' 0>! c !6.EC>!%0! (0'>$&7.37&''5(V6,',66`=(01,(V6,)#'%,66(")(>$&7.37&'(8-A'37&.3"%6(3%(
8aE(@,6,&$710!S1EPE/QE:!.Q!QUE!5B^{QU}!+//0.9! (EEQ8/;!=C!QUE!6=D8EQ2!C=1!&/:0PQ18.9!./:!
?1;./8Z.Q8=/.9!SP2DU=9=;2>!_E^!?19E./P>! ' =08P8./.>!$6+0!G (=VE:!Q=!.!V81Q0.9!C=1M.Q0H!

!

#1=^!71.0E1>! (0>! **) $*+&,*&-. /#*=' ! >' (>='@'S=1QE1>!#0! (0!01,(8-A&7.(")(FD#634,(C#A,$4363"%(")(**
***&.,$%3.5(H,&4,=(01$,,(01,"$,.37&'(>,$6A,7.34,60!S.1Q!=C!QUE!k_=VE9!+:V./DEP!=/!S==192!**
$/:E1PQ==:!#U.99E/;EP!] =ME/!X.DE!.Q!] =1<l!P2MR=P80M0!+DDERQE:!.Q!QUE!L"^{PQ}!+//0.9!
(EEQ8/;!=C!QUE!+D.:EM2!=C! (./.;EME/Q>!) 81Q0.90!!

!

@2:E>!60!-0>!7.DU01.>!,0>!X0:;E!\.M.9>!T0!\0>! c ! **) $*+&,8.1417587.9868BT5000501659.668503T50165*+&**

!

*?&6,D&''*0!S1EPE/QE:!.Q!QUE!JI[QU]!+//0.9!(EEQ8/;!=C!QUE!+D.:EM2!=C!(./.;EME/Q>!7=PQ=/>!
(.PP.DUOPEQQP>!$6+0!

!

)$*+&,*&-./#*='!›'**(**»!c!#9.1<>!-0!%0>!'0PE>!]0>!@E2:.18C.1:>!e0>!c!@0./;>!'0!
60!%0!G34"I>!+R189H0!*G3+3'&%.,(9#6.37,=(F(6.#:5(")(-&S,#A(7&''6(3%(*&9"$(H,&+#,(?&6,D&''*0!
S1EPE/QE:!.Q!QUE!5A[QU]!+//0.9!(EEQ8/;!=C!QUE!6=D8EQ2!C=1!&/:0PQ18.9!./:!?1;./8Z.Q8=/.9!
SP2DU=9=;2>!_.Q8=/.9!@.1[=1>!(.129./:>!$6+0!

'

**)$*+&,*&-./#*='!**»!c!#U./;>!S0!'0!!G34"L>!-0/EH0!!*B"$A"$&.,(9#:+,(&%:(9#$5*0!S.RE1!R1EPE/QE:!
.Q!QUE!"5[QU]!+//0.9!SU89=P=RU2!=C!(./.;EME/Q!#=/CE1E/DE>!f1EE/^8DU>!$\0!!mm!'8PQE:!.P!
#U./;>!S0!'0>!c!*U=1/Q=/K'0;=>!(0!8/!D=/CE1E/DE!R1=;1.M0!

'

#1=R./Z./=>!%0>!%0RR>!T0!,0>!**)$*+&,*&='!**›'**(**»!c!6U.=>!%0!G34"`>!+0;0PQH0!*E$+&%3K&.3"%&'(*
9#6.37,(&%:("$+&%3K&.3"%&'(73.3K,%613A(D,1&43"$0!!S.RE1!R1EPE/QE:!.Q!QUE!J`[QU]!+//0.9!
(EEQ8/;!=C!QUE!+D.:EM2!=C!(./.;EME/Q>!+/.UE8M>!#.98C=1/8.>!$6+0!!

!

**)$*+&,*&='!**›'**(**»!]==>!60>!c!\E8QU>!(0!G34"`>!+R189H0!*8N;80<(:,D&.,=(C1"#':(L,(.$#6.("$(&4"3:(*
"%'3%,(7"%4,%3,%7,(6&-A',6`(6EPP8=/!R1EPE/QE:!.Q!QUE!5"[PQ]!+//0.9!#=/CE1E/DE!=C!QUE!
6=D8EQ2!C=1!&/:0PQ18.9!./:!?1;./8Z.Q8=/.9!SP2DU=9=;2>!+/.UE8M>!#.98C=1/8.>!$6+0!!

!

)$*+&,*&='!›'**(**»!c!%0RR>!T0!,0!!G34"B>!+0;0PQH0!!<4,$5"%,(1&6(%,,:6=(01,(,QA,$3,%7,(")(*
:,'34,$3%+(9#6.37,(3%("$+&%3K&.3"%6J(S.RE1!R1EPE/QE:!.Q!QUE!JB[QU]!+//0.9!(EEQ8/;!=C!QUE!
+D.:EM2!=C!(./.;EME/Q>!).D=0VEG348cmBT50321Tf(0(+)-0.20)0.2(C[1T(01255.52(19943T(

!

%0RR›!T0!,0›!**) $*+&,*&=' ! ›' (**›!78E9P<8K7=18P›!(0›!c!710/=›!%0!G34"3›!+R189H0!*BC@(&6(.13$:ZA&$.5(*
9#6.37,=(01,(-":,$&.3%+($"',(")(-"$&'(.$&3.6J!S.RE1!R1EPE/QE:!.Q!QUE!3J^QU!+//0.9!
#=/CE1E/DE!=C!QUE!6=D8EQ2!C=1!&/:0PQ18.9!./:!?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!**) $*+&,*&=' ! ›' (**›!!G34"4›!(.1DUH0!*(8%(.1,3$("L%(*
*L"$:6=(F:"',67,%.6](7"%7,A.3"%6(")(A#$A"6,*0!62MR=P80M!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(L3.1(:36.3%7.(A&..,$%6(")(&:9#6.-,%.0!62MR=P80M!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›!-./0.12H0!<Q&-3%3%+(.1,(*
$"',(")(3-A'373.(7"+%3.3"%6(3%(4"'#%.,,$36-J(S.RE1!R1EPE/QE:!.Q!QUE!""QU!+//0.9!
#=/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^QU!+//0.9!(EEQ8/;!=C!QUE!+PP=D8.Q8=/!C=1!(=1.9!,:0D.Q8=/›!_=Q1E!T.ME›!&_0!

!

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

'

343"!+D.:EM2!=C!(./.;EME/Q!+//0.9!(EEQ8/;K!7EPQ!S.RE1!TEP8;/.Q8=/!G80E0›!Q=R!"4n!=C!*
R.RE1PH!

!

34"J!+D.:EM2!=C!(./.;EME/Q!+//0.9!(EEQ8/;K!?0QPQ./:8/;!%EV8E^E1!G?7!T8V8P8=/H!

!

34"`!+D.:EM2!=C!(./.;EME/Q!+//0.9!(EEQ8/;K!?0QPQ./:8/;!%EV8E^E1!G?7!T8V8P8=/H!

!

34"A!#0!,0;E/E!].9<E1!?0QPQ./:8/;!f1.:0.QE!6Q0:E/Q!+^.1:›!TER.1QME/Q!=C!SP2DU=9=;8D.9!*
6D8E/DEP›!S01:0E!$/8VE1P8Q2!

!

34""!_.Q8=/.9!6D8E/DE!X=0/:.Q8=/›!f1.:0.QE!6Q0: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!+!
j0.98Q.Q8VE!6Q0:2!o^8QU!#.8Q98/!S=1QE1p0!q"4>444!
'
34"J!($/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=0!f089Q!./:!+Q=/EME/QF!+!6Q0:2!=C!(.<E0R!#.99P!o^8QU!
(.QQUE^!(D#.1QE1!./:!-=/.QU./!#9.1<p0!qB44044!
'
34"B!T10!#U.19EP!@0!'.^PUE!f1.:0.QE!XE99=^PU8R!G+^.1:E:!Q=!(E;U./!+0!*U=1/Q=/>!q"B404 4H!
'
34""!%=[E1Q!S0!'.1PE/!f1./Q!C=1!%EPE.1DU!8/!#.1EE1!TEVE9=RME/Q>!$/8VE1P8Q2!=C!&998/=8P!#.1EE1!
#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!$1[./.K#U.MR.8;/!
G+^.1:E:!Q=!(E;U./!+0!*U=1/Q=/>!q"`>"L305BH!
!
344I!%EPE.1DU!./:!(.QE18.9P!f1./Q>!$/:E1;1.:0.QE!%EPE.1DU!?RR=1Q0/8Q2!S1=;1.M>!$/8VE1P8Q2!
=C!_=Q1E!T.ME!G+^.1:E:!Q=!(E;U./!+0!*U=1/Q=/>!q">B44r!+0QU=1!./:!S18M.12!&/VEPQ8;.Q=1H!
!
344I!'=0;U1E2!+^.1:>!$/:E1;1.:0.QE!%EPE.1DU!?RR=1Q0/8Q2!S1=;1.M>!$/8VE1P8Q2!=C!_=Q1E!
T.ME!G+^.1:E:!Q=!(E;U./!+0!*U=1/Q=/>!qA>"3Br!+0QU=1!./:!S18M.12!&/VEPQ8;.Q=1H0!
!
344L!60MME1!'./;0.;E!f1./Q>!?CC8DE!=C!&/QE1/.Q8=/.9!6Q0:8EP>!$/8VE1P8Q2!=C!_=Q1E!T.ME!
G+^.1:E:!Q=!(E;U./!+0!*U=1/Q=/>!q5>444r!+0QU=1H!
'
4*/+3"3')%/#$,'
'
&/:0PQ18.9Y?1;./8Z.Q8=/.9!SP2DU=9=;2>!&/PQ10DQ8=/.9!60RE1V8P=1>!$/8VE1P8Q2!=C!+<1=/>!70DUQE9!
#=99E;E!=C!+1QP!./:!6D8E/DEP>!X.99!3433>!S6h#!5L4>!6EDQ8=/P!445!./:!B4"0!!
'
?1;./8Z.Q8=/.9!SP2DU=9=;2!./:!T8VE1P8Q2>!&/PQ10DQ=1>!$/8VE1P8Q2!=C!+<1=/>!70DUQE9!#=99E;E!=C!
+1QP!./:!6D8E/DEP>!X.99!3433>!S6h#!AL4>!6EDQ8=/!44"0!!
'
?1;./8Z.Q8=/.9!SP2DU=9=;2!./:!T8VE1P8Q20!$/8VE1P8Q2!=C!+<1=/>!70DUQE9!#=99E;E!=C!+1QP!./:!
6D8E/DEP>!60MME1!3433>!S6h#!JL4>!6EDQ8=/!A430!*N$&:#&.,Z',4,'0'o&/PQ10DQ=1!1.Q8/;!=VE1.99F!
B0444p!
'
?1;./8Z.Q8=/.9!SP2DU=9=;2>!&/PQ10DQ=1>!$/8VE1P8Q2!=C!+<1=/>!70DUQE9!#=99E;E!=C!+1QP!./:!
6D8E/DEP>!6R18/;!3433>!S6h#!JB">!6EDQ8=/!44"0!*N$&:#&.,Z',4,'0'o&/PQ10DQ=1!1.Q8/;!=VE1.99F!A0AAAp!
'
SE1P=//E9!6E9EDQ8=/>!&/PQ10DQ=1>!$/8VE1P8Q2!=C!+<1=/>!70DUQE9!#=99E;E!=C!+1QP!./:!6D8E/DEP>!X.99!
343">!S6h#!JL4>!6EDQ8=/!44B0!*N$&:#&.,Z',4,'0'o&/PQ10DQ=1!1.Q8/;!=VE1.99F!A0`LLp!
'
?1;./8Z.Q8=/.9!SP2DU=9=;2>!&/PQ10DQ=1>!$/8VE1P8Q2!=C!+<1=/>!70DUQE9!#=99E;E!=C!+1QP!./:!
6D8E/DEP>!S6h#!JB">!6R18/;!343">!6EDQ8=/!44"0!*N$&:#&.,Z',4,'J(**E&10&**">'o&/PQ10DQ=1!1.Q8/;!
=VE1.99F!50J"Ap!
!

!

&/:0PQ18.9Y?1;./8Z.Q8=/.9!SP2DU=9=;2›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!+<1=/›!70DUQE9!#=99E;E!=C!+1QP!
./:!6D8E/DEP›!S6h#!5L4›!X.99!3434›!6EDQ8=/!4450!**E&10&**"›'o&/PQ10DQ=1!1.Q8/;!=VE1.99F!A0AAAp!
'
$/:E1PQ./:8/;!SE=R9E!8/!?1;./8Z.Q8=/P›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=›!#=99E;E!
=C!70P8/EPP›!6R18/;!3434›!6EDQ8=/!44"0!o%.Q8/;P!^8QUUE9:!:0E!Q=!#?)&TK"Ip!**E&10&**"›'
'
&/QE1/PU8R›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=›!#=99E;E!=C!70P8/EPP›!60MME1!34"I0!
'
&/QE1/PU8R›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=›!#=99E;E!=C!70P8/EPP›!6R18/;!34"I0!
'
&/:ERE/:E/Q!6Q0:2›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=›!#=99E;E!=C!70P8/EPP›!6R18/;!
34"I0!
'
$/:E1PQ./:8/;!SE=R9E!8/!?1;./8Z.Q8=/P›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=›!#=99E;E!
=C!70P8/EPP›!X.99!34"L›!6EDQ8=/P!443›!445›!./:!44A!o443!?VE1.99!D=01PE!1.Q8/;F!A0JYBr!443!?VE1.99!
8/PQ10DQ=1!1.Q8/;F!A0JLYBr!445!?VE1.99!D=01PE!1.Q8/;F!A0BBYBr!445!?VE1.99!&/PQ10DQ=1!1.Q8/;F!A0BBYBr!
44A!?VE1.99!D=01PE!1.Q8/;F!A0`"YBr!44B!?VE1.99!&/PQ10DQ=1!1.Q8/;F!A0J5YBp0!!
!
$/:E1PQ./:8/;!SE=R9E!8/!?1;./8Z.Q8=/P›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=›!#=99E;E!
=C!70P8/EPP›!X.99!34"J›!6EDQ8=/P!443›!445›!./:!44A!o443!?VE1.99!D=01PE!1.Q8/;F!A0`BYBr!443!
?VE1.99!8/PQ10DQ=1!1.Q8/;F!A0`BYBr!445!?VE1.99!D=01PE!1.Q8/;F!A0B`YBr!445!?VE1.99!&/PQ10DQ=1!1.Q8/;F!
A0`3YBr!44A!?VE1.99!D=01PE!1.Q8/;F!A0`5YBr!44B!?VE1.99!&/PQ10DQ=1!1.Q8/;F!A0`IYBp0!
!
&/:ERE/:E/Q!6Q0:2›!&/PQ10DQ=1›!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=›!#=99E;E!=C!70P8/EPP›!X.99Z.Q8=/P›!&/PQ10DQAEP

!

'

k#6%!./:!6R=1QP1!S1EPE/QE:!Q=!*18/8Q2!$/8VE1P8Q2>!6DU==9!=C!70P8/EPP>!6R=1QP!SU89./QU1=R2!
D=01PE>!XE[10.12!34"L0!!
'
k-0PQ8DE!%E:0W1!S1EPE/QE:!Q=!$/8VE1P8Q2!=C!*EW.P!.Q!6./!+/Q=/8=>!#=99E;E!=C!70P8/EPP>!
(./.;EME/Q!TER.1QME/Q>!6ERQEM[E1!34"`0!!!
!
k#6%!./:!6R=1QP1!S1EPE/QE:!Q=!*18/8Q2!$/8VE1P8Q2>!6DU==9!=C!70P8/EPP>!6R=1QP!SU89./QU1=R2!
D=01PE>!6ERQEM[E1!34"`0!!
!
k#6%!./:!6R=1QP1!S1EPE/QE:!Q=!*18/8Q2!$/8VE1P8Q2>!6DU==9!=C!70P8/EPP>!(.1DU!34"`0!
!
9*7/1%+'9+"33'4*H"+%#"!
!
k6=D8.9!6Q0:8EPF!(.<EK0R!D.99P>!^U.Q!:18VEP!.!R8V=Q.9!V=QE>!./:!QUE!ECCEDQ!=C!D01P8/;1!?"6."%(
N'"D,!
'
)"%5$0&#';&,"+"3,3!
!

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

!
I033"+,%,0*&'4*6 60,,""'F"+H05"!
!
<*--%&151*.#'K.!K45*&L'
'
TEE<PU.!(0/b.90!*01,($,'&.34,(7"%.$3D#.3"%(")(3%.,$&7.3"%&'(9#6.37,(:3-,%63"%(3%(A$,:37.3%+(*
*"$+&%3K&.3"%&'(9"D(,-D,::,:%,66*0!!TECE/:E:!-0/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:!-0/E!34"I0!!
!
\EQ.<8!6=:U80!+/Q8D8R.QE:!TECE/PEF!34350!
!

!

24%-*-'75*)%&'K.MM*11%%'K.!K45*&L'
f0PQ.V=!$;0EQ=K%E2!
!
8J7"+,03"'4*6 60,,""'F"+H05"K'
'
f0PQ.V=!$;0EQ=K%E2!
(=/Q./.!T1.^[.0;U!!
(E;./!\E/^=1QU2!
6E./!%=^9./:!
!
L&2"+#+%2/%,"'4*6 60,,""'F"+H05"'
!
24%-*-'K.MM*11%%'K.!K45*&L'
+/:1E^!TE1E;9.!
!
24%-*-'(%5$%&'
*29E1!]E19./:!
!
F,/2"&,'4*11%<*+%,*+3!
!
KN&&%#1'<.31.&56'O1N$%#1'G$)*-%%-'
(E;./!#1=^!7.0E1!
_8D=9E!T=/.9:P=/!
(.1;.1EQ!%.UM!
(=/Q./.!T1.^[.0;U!
!
:&%)*.N-'<.31.&56'O1N$%#1'K.665P.&51.&-'
@.//.U!S.1<!
_8D=9E!6Q1.U!
e.U1.!@E2:.18C.1:!
'0900!@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.1›!3433!

! ! %EV8E^E1!=C!QUE!hE.1›!343"!

!

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›!343"!

!

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/.1!#=MM8QQEE!G34"LK34"IH!

!

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

! ! KX18:.2!6EM8/.1!#=MM8QQEE!G34"BK34"LH!

!

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

! ! K%EV8E^E1!C=1!+//0.9!(EEQ8/;›!34"BK3433!

!

  6&?SK$/8QE:!_.Q8=/P!6Q0:E/Q!*.P<!X=1DE!(EM[E1!G34"AK34"BH!

  K#==1:8/.QE:!ECC=1QP!^8QU!&/:0PQ18.9Y?1;./8Z.Q8=/.9!SP2DU=9=;2!;1.:0.QE!R1=;1.M!

  P8;/.Q=18EP!^8QU!QUE!f9=[.9!#=MR.DQ!!

!

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

! +=(!%EV8E^E1!

! ! K%EV8E^E1!C=1!34"BK3434›!3433 s S1EPE/Q!+//0.9!(EEQ8/;!

!

! ! ! m+D</=^9E:;E:!.P!./!k?OQPQ./:8/;!%EV8E^E1l![2!QUE!?7!T8V8P8=/›!34"J!
! ! ! m+D</=^9E:;E:!.P!./!k?OQPQ./:8/;!%EV8E^E1l![2!QUE!?7!T8V8P8=/›!34"`!
!