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/ 0012&)3(!4*&5(%0&3#!6(0)%27!87)&#!

4*&5(%0&3#!19!:71(*&;!

8(*3(%!91%!(<(), (%07&=!>3?, &(0!@!A%B)*&C)3&1*)D!6(0)%27!

<'2+*5,=2%*')

E3FO!*1!0?%=%&0(!37)3!)!3%),&3&1*)D!21DD(B(!, (B%((!&0!*13!)DG)#0!)*!(D&;&%!91%!(5(%#!(H=D1#(!



E*!1?%!0?%5(#+!21*2(%*0!)I1?3!)?31H)3&1*!G(%!(0=(2&DD#!21HH1*!)H1*B!#1?*B(%!

G1%'(%O+!G&37![] ^!19!3710(!&*!37(&%!3G(*3&(0!)*,![V ^!19!3710(!&*!37(&%!37&%3&(0!0)#&*B!37(#!

7),!I(21H(!H1%(!G1%%&(,!0&*2(!37(!=%&1#!#(!H!B2 . 2(1%()!(())0 . 2(!H)0 . 2(1%()0 . 2(!G)-0 . 1((1*!G000 .

)27&(5(!)*,!I(!%(21B*&C(+!21H=)*&(0!H?03!=?3!37(&%!(H=D1#((0!9&%03!N:)#21H+!OPOVe!8 1DD(33)+!

OPVbQ-!

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S7(!*((,!91%!?=0' &DD&*B!1%!%(0' &DD&*B!I(B&*0!G7(*+!fH103!1%B

K 71F0!I (* (9&3(, !9%1H!?=0 ' &DD&*Bj! / !D)%B(!9?DDL0(%5&2(!4->-!I)* '!D&' (!: T 8!7)5(!?0(, !
?=0 ' &DD&*B!* 13!1 *D#!31!)33%)23!* (G!(H=D1#((O!I ?3!31! ' ((=!2?%% (*3!1*(0+!1=31H(3%#!2(*3(%0!)2%100!
\$?%1=(+!) * , !37(! / ?03%)D&)*!S(%3&)%#!\$, ?2)3&1*!k?)D&3#!)* , !>3)* ,)% , 0! / B(*2#+!)H1 *B!H)*#!N : 6!
T (G0G&&(!+!OP00e! : (%0=(23&5(0+!OP0Pe!<1%(*C)!@!8)%3(%+!OP0VQ-!fS%)&* &*B!
) * , !4=0 ' &DD&*B!=%1B%)H0!)%(!)*!&*5(03H(*3!)* , !071G0!37)3!21H=)*&(0!2)%(!91%!37(&%(H=D1#(OF!
9?3?%(-!S7&0!=D)#0!)!5&3)D!1D(!&*!&*2()0&*B!37(&!D1#)D3#!31!37(!21H=)*&(0!)* , !(*0?%(0!7&B7!
% (3(*3&1*!%)3(g!N 8)H=I (DD+!OP00+!%)!bQ-!



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" 1031*!81*0?D3&*B!X%1?=-!NOPOVQ-! . (21 ,&*B!BD1I)D!(0'&DD&*B!)*,!2)%((%!=)370-!6(3%&(5(,!9%1H!
I2BL,(21 ,&*BLBD1I)DL%(0'&DD&*BL)*,L2)%((%L=)370L)=%LOPOV=-,9!

8)H=I(DD+!X-!NOPOO+!m?D!V[Q-!n1G!21H=)*&(0!2)*!I(*9&3!9%1H!?=0'&DD&*B!37(&!(H=D1#((O!G&37!
/E!)*,!H)27&*(!D()%&*B-*, \$&'&-\$.*/OI+''##!733=ORIIIGGG-=-!1d?(03-21HI*(G0=)=(%0171GL
21H=)*&(0L2)*LI(*9&3L?=0'&DD&*BL37(&I,125&(G10]ccbo0o][I0(L0)

81DD(33)+!m-!NOPVbQ-!i&5(!n6!D(001*0!9%1H!>7)%!'!S)*'FO!")%I)%!81%21%)*-!6(3%&(5(,!9%1H!
733=ORII7%H)0&)-21H19&5(L7%LD(001*0L9%1HL07)%'L3)*'OLI)%I)%L21%21%)*!

.)=7*(+!p-!NOPOOQ-!81?D ,!37(!X%)3!6(0&B*)3&1*!I(21H(!37(!6(0'&DD&*B!6(51D?3&1*j!6(3%&(5(,!
9%1H!733=ORIIIGGG-91*I(0-21HI0&3(0191%I(OI?0&* (0021?2&DIOPOOIPUIV`121?D ,L37(LB%)3L
%(0&B*)3&1*LI(21H(L37(L%(0'&DD&*BL%(51D?3&1*j07q`P(I2` (V[(ob!!

.)#&#)+!/-!NOPOVQ-!\$H=D1#((!3%)&*&*B!)*,!, (5(D1=H(*3R!S7(!I(*9&30!19!?=0'&DD&*B!1%!(0'&DD&*B!
#1?%!3()H-!6(3%&(5(,!9%1H!733=ORII)?CH!%-21HIID1BII(*9&30L19L?=0'&DD&*BL1%L(0'&DD&*B!!!

<1%(*C)+!<-+!@!8)%3(%+! . -!NOPOVQ-!\$H(%B(*2#!1*D&*(!3()27&*B!,?%&*B!8A \ E . LVbR! / !2)0(!03?,#19!
/ ?03%)D&)*!3(3&3%)#!03?, (*30!&*!3()27(%!(,?2)3&1*!)* ,!2% ()3&5(!)%30-!2&('+&'(\$)&' . *3)4+&' . *
)5*/!4- '(\$)&' . *6"#"'+-7*8I''&9* . +!VPPP`U-!733=ORII,1&-1%BIVP-VPV]IJ-&J(,%1-OPOV-VPPP`U!!

:)#21H!"D1B!81*3%&I?31%-!NOPOVQ-!")%I)%!81%21%)*!,&02?00(0!71G!" (3&!(H=1G(%0!(H=D1#((O-!
6(3%&(5(,!9%1H!733=ORIIIGGG=-)#21H-21HI(01?%2(0IID1BII)%I)%L21%21%)*L,&02?00(OL
71GLI(3&L(H=1G(%OL(H=D1#((0I))

:(%0=(23&5(0-!NOPOPQ-!8I() ; ''(+<*=)! '<9*>?Nbq+!o`Lob!

: 6!T(G0G&(-!NOPOO+!A231I(%!]Q-! : *2!") *!'!\$; =)* ,0! :)%3*(%?=r!8)%((%! :)37G)#!E* &3&3&5(!31!
n&B7!>2711D(%O!&*!T(G!M)% '(30-!@6*A"B#B\$+"*CDE!

>7)=&%1+m-!NOPOPQ-! : %1H&0(0!H) , (+!=%1H&0(0!' (=3R!n1G!31! , (5(D1=#1?%12?031H(%12(*3%&2&3#!&*!