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"&,-.%'&(%!/0!).1'1(-2!345%16&!(7!).1'1(/2/89 ! ! :0016&!;</(&=!>?#@AB#B!@A@
C/9/2-!D(1E&.51%9!)<16-8/F!G) B++! ! ! ! H'-12=!75%&'&(I246#&!74
+A?J!K&5%!$<&.17-(!L/-7 ! ! ! ! !
)<16-8/F!M221(/15!NANNA! ! ! ! !

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!"#$%&'() *

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JAA> ! ;<"F! C-O!-(7!$/61&%!9
P&O!Q/.R!D(1E&.51%9F!P&O!Q/.R!F!PQ
"155&.%-%1/(#$%$&'(")(*+,-$"'.+&./0(1&./&.%$.2(3.4(5"--&%/$!".!"#$%6(
*.."73/$".($.(/8&(9.$/&4(1/3/&':(;<=?@>>#@S)<-1.=!3/!"1T/(!U#

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+VV> ! GWF!).1'1(-2!345%16&!
D(1E&.51%9!/0!M221(/15!-%!)<16-8/F!)<16-8/F!MC
X<&515A=3/&(5-$+&0(B&4$3(*+32&'(")(3.(C+&-2&./(5-$+&(!-"D#!!&+

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+VV? ! Y$F!G-%<&'-%165
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JAJZ,.&5&(%! ;./0&55/.F!"&,-.%'&(%!/0!).1'1(-2!345%16&!-(7!).1'1(/2/89F!
C/9/2-!D(1E&.51%9!)<16-8/F!)<16-8/F!MC

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JA+[ZJAJ?! !)<-1.,&.5/(F!"&,-.%'&(%!/0!).1'1(-2!345%16&!-(7!).1'1(/2/89F!
C/9/2-!D(1E&.51%9!)<16-8/F!)<16-8/F!MC

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JA+>Z,.&5&(%! ;./8.-'!"1.&6%/.F!$/61/2&8-2!$%471&5!G1(/.F!C/9/2-!D(1E&.51%9!
)<16-8/F!)<16-8/F!MC

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JA+?ZJA+[! ! W5515%-(%!)<-1.,&.5/(F!"&,-.%'&(%!/0!).1'1(-2!345%16&!-(7!
).1'1(/2/89F!C/9/2-!D(1E&.51%9!)<16-8/F!)<16-8/F!MC

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JA+?ZJAJA

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S)1%&7!]9!%<&!D#$#!$4,.&'&!)/4.B%1(!6(7Q(J"G$'$3F3

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JAA@ .456537*"23!-(7! "-(1&2!b#!K12<&2#!b1(71(8!%<&.9=!$%-%&152-%!E5&/(5&5! %!L#3T&#6(7Q(U3'8$.2#"O&4&-3#(1&./&.%$.2(M&,!+/&S+U2!>#S)1%&7!]9!%<&! D#$#!$4,.&'&!)/4.%!15G..$.283+(7Q(53#$)"-.$S@[V!D#$#!J>AF!3-(4-.9!JJF! JAA>U#

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JAA[! K//2F!3/(!-(7! "23* .45653 #!W88.-E-%&5&(%&(61(&#3T&#6(7Q(U3'8$.2#". O&4&-3#(1&./&.%$.2(M&,!+/&S+U=2NB#S)1%&7!]9!%<&!$4,.&'&!)/4.%!/0!

JAJ?! "23*.45653 F!;-%.16R!^.1001(F!"-E17!:25/(F!Y.-(7&(!"4;/(%F!W'-(7-!K-.7#!
A"K(BG%8(!-&/-$3#(E&/&./$".(E"&'(53'8(L3$#(ZLG)6[Y!<16-8/F!MC=!)&(%&.!0/.!
).1'1(-2!345%16&F!C/9/2-!D(1E&.51%9!)<16-8/#

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JAJ?! $%&'&(F!3/(-<F!"23*.45653 F!Y.-(7&(!"4;/(%F!"-E17!:25/(#!C'/$+3/$.2(/8&(
*+,3%/(")(/8&(!-&/-$3#(O3$-.&"(W%/0(L".4(5"G-/(A&3-$.2'($.(5""T:(J3T&:(
U$..&D32":(3.4(B%J&3.(5"G./$&"#!)<16-8/F!MC=!)&(%&.!0/.!).1'1(-2!345%16&F!
C/9/2-!D(1E&.51%9!)<16-8/#

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JAJ?! :25/(F!"-E17F!"23*.45653 F!;-%.16R!^.1001(C\#+$.$.2(/8&(*+,3%/(3.4(M&3"'.'(
)"-(P&%8.$%3#(]$"#3/$".'(")(B3.43/"-6(1G,&-7$'&4(M&#&3'&(".(!-$"'.(W4+$"$".'(
$.(*##$."$)<16-8/F!MC)&(%&.!0/.!).1'1(-2!345%16&F!C/9/2-!D(1E&.51%9!)<16-8/#

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JAJ?! _4%-%&2-7%\&51R!E]&66-!"4(2&-F!"23*.45653 F!G&2]-!;&-.5/(#!O-"+(
O&#".$&'(/"(B$'4&+&3."-'0(C\,#"-$.2(]3-$3/$".'(3.4(M&3"'.'()"-(583-2&(

JAJA! .456537*"23!-(7!"-E17!:25/(#! E"##3-'(3.4(1&.'&($.(5""T(5"G./60(C\3+$.$.2(

bB1Mc(M&/G-.'(".(*##$."$'X(!-$"'.(16'/&#!L&5&-.6<!Y.1&01(8F!M221(/15!$&(%&(61(8! ;/2169!W7E15/.9!)/4(61!2#

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JA++! :25/(F!"-E17F!23*.45653 F!-(7!_-%<9!$-2%'-.5<W#(M&/-"',&%/$7&(C\3+$.3/$".(")(O&#".6(1&./&.%$.2($.(*##$!"L$&5&-.6<!Y422&%1(F!M221(/15!$&(%&(61(8!;/2169! W7E15/.9!)/4(61!2#

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JA++! $<4]1RZL16<-.75F!)2-1.&!-('!Z23*.45653 #!8$#34&#,8$3X'(#&"(%-"K4&4:(#&"(%"'/#6(_3$#'0(P3T$.2('/"%T(")(3(6&3-(")(%83.2&(3.4(/8&(%83##&.2&#(!/83/(-&+3$.

JA+2 ZJA+[!)/ Z;.1(61,-2!M(E&5%18-%/.!SO1%<!)<.15%E(&!Z;.1(61,-2!
M(E&5%18-%/.!F/<(!:.O-% F)/ Z;.1(61,-2!M(E&5%18-%/.3#G3/$".(")(/8&(
5""T(5"G./6(1/3/&X'(W//"-.&6X'(H))$%&(E&)&--&4(!-"'&%G/$".(!-"#2-3+
M221(/15!).1'1(-2!345%16&!M(0/.'-%1/(!W4F%/E&.('&(%!SiNAFAA!AU#

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JA+? ! ;.1(61,-2!M(E&5%18-%/.(@!3+$.3/$".(")(O&#".6(53'&(!-"%&"$.2($.(/8&(
5$-%G$/(5"G-/(")(5""T(5"G./6:(@?@>;@))//R!)/4(%9!345%16&!W7E15/.9!
)/4(612F!^/E&.('&(%!Si@FAA!AU#

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JA+? ! ;.1(61,-2!M(E&5%18-%/#!+&./$.2(/8&(B&3'G-&'()"-(IG'/$%&0(W(
B$#K3GT&&(!$#'G&-54.&5!0/.!345%16&-%E!SJAFAA!AU#

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JAAV ZJA+J)/ Z;.1(61,-2!M(E&5%18-%/.!Y.46&!b.&7&.!)6Z;.1(61,-2!
M(E&5%18#R8&(W.3/"+6(")(E$'%-&/$".0(W.(W.3#6'$'(")(!-"'&%G/"-$3#(
E&%$'$"+3T$.2(P-%1/(-2!M(5%1%4%&!/F!345%16&(%!SJAA!W!Z
)g ZAA[AU#Si?V?F@N![U#

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JA++ ! ;.1(61,-2!M(E&5%18-%/(W.3#6'$'(")(/8&(!8$#34&#,8$3(!-$"'.(

1/3/&#!Y4.&-4!/0!345%16&!W551F!%E(&&('&(%!SJAAZK; ZYg Z_?JVh!
JAAXGD ZYg Z_A+BU#S+>@FAA!A

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JAA@JAAN! ;.1(61,-2!M(E&5%18!-W./3#6V$.2(E-G2(1&./&.%$.2(E3/3($.(/8&(1/3/&(")(
^&D-3'T3#!!P&].-5R-!)/"4(1%9!)/..&6%1/(5!)/4(612F!^/E&.('&(%!
S>AFAAU#(

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JAA@JAAN! ;.1(61,-2!M(E&5%18!-C73#G3/$.2(E3/3(5"##&%/$!"(E3$./&.3.%&(
53,3%$/$&'($.(/81&3/&(")(^&D-3'T#!P&].-5R-!).1'&!)/"1551/(F!
^/E&.('&(% !S>AFAAU#

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JAA@JAAN! ;.1(61,-2!M(E&5%18!-P&&(B$',#3%&4(C+,83'$'(".(5-$+&(3.4(
*.%3-%&-3/$".0(^&K(E$-&%/$".'()"-(!"#$%&!$/61&%9!M(5%1%4%&

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JAJ?!! D(]/T1(8!%<&!Y2-6R!Y/T!/0!;./5&64%1/(=!)/(5%.-1(%5!/(!;4]216!;./5&64%1/(!"-%-#! G4(R!$6<//2!/0!;4]216!;/2169F!D(1E&.51%9!/0!X/./(%/#!X/./(%/F!:(%-.1/!!S)WU# :6%/]&.!JAJ?#

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JAJ?! ;&.0/.'-(6&!M(716-%/.5!0/.!;4]216!"&0&(7&.5#!PCW"W!$-0&%9!-(7!345%16&!)<-22&(8&!)/(E&(1(8#!34(&!JAJ?#

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JAJ?! ;2&-!Y-.8-1(1(8!1(!G12O-4R&&!-(7!$%#!C/415!)/4(%1&5#!G-6W.%<4.!$-0&%9!-(7! 345%16&!)<-22&(8&!L&5&-.6<!)/(5/.%14'!G&&%1(8#!Y-2%1'/.&F!G"#!W,.12!JAJ?#

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JAJ?! ;./5&64%/.!"-5<]/-.75!1(!)/2/.-7/#! W55/61-%1/(!/0!;./5&64%1(8!W%%/.(&95F!P&O5 :.2&-(5F!CWG-.6<!JAJ?#

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JAJJ! Y/(7!)/4.%!;.-6%16&5!1(!M221(/15!-(7!%<&!M',-6%!/0!%<&!;.&%.1-2!b-1.(&55!W6%#! G-6W.%<4.!$-0&%9!-(7!345%16&!)<-22&(8&!W((4-2!G&&%1(8#!W%2-(%-F!^W#! $&,%&']&.!JAJJ#

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JAJJ! M',2&'&(%1(8!;;M5=!$%-%&O17&!M',2&'&(%-%1/(!-(7!)/(0./(%1(8!).)/55 34.15716%1/(-2!)<-22&(8&5#!W55/61-%1/(!/0!;./5&64%1(8!W%%/.(&95F!*1.%4-2F!3-(4-.9! J>F!JAJJ#

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JAJ+! L-6&!-(7!;./5&64%/.1-2!"1E&.51/(=!K<-%!K&!_(/O!-(7!K<-%!)-(!Y&!"/(&#! G-6W.%<4.!b/4(7-%1/(!$-0&%9!-(7!345%16&!)<-22&(8&!P&%O/.R!G&&%1(8F!*1.%4-2F! 34(&!?AF!JAJ+#

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JAJ+! H',/O&.1(8!;./5&64%/.5!O1%<!"-%-#!M(E1%&7!,.&5&(%-%1/(!%/!%<&!)/2/.-7/!"15%.16%! W%%/.(&9`5!)/4(612F!*1.%4-2F!W,.12!BF!JAJ+#

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JAJA! "/22-.5!-(7!$&(5&!1(!)//R!)/4(%9#!M(E1%&7!,.&5&(%-%1/(!%/!%<&!:0016&!/0!%<&!)//R!)/4(%9!$%-%&`5!W%%/.(&9F!*1.%4-2F!"&6&']&.!+BF!JAJA#

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JAJA! "/22-.5!-(7!$&(5&!1(!)//R!)/4(%9#!M(E1%&7!,.&5&(%-%1/(!%/!%<&!:0016&!/0!%<&!)<1&0! 3478&!/0!)//R!)/4(%9F!*1.%4-2F!P/E&']&.!J?F!JAJA#

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JAJA! ;./5&64%/.1-2!;&.0/.'-(6&!M(716-%/.5=!c&2,1(8!;./5&64%/.5!]&6/'&!G/.&!"-%-! ".1E&(!-(7!M',-6%!:.1&(%&7#!G-6W.%<4.!b/4(7-%1/(!$-0&%9!-(7!345%16&!)<-22&(8&! P&%O/.R!G&&%1(8F!*1.%4-2F!:6%/]&.!JVF!JAJA#

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JAJA! H',/O&.1(8!;./5&64%/.5!O1%<!"-%-#!M(E1%&7!,.&5&(%-%1/(!W55/61-%1/(!/0! ;./5&64%1(8!W%%/.(&95!P&%O/.R!G&&%1(8F!*1.%4-2F!:6%/]&.!JAJA#

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JAJA! ;./5&64%/.1-2!;&.0/.'-(6&!M(716-%/.5=!G&-54.1(8!H00&6%1E&(&55F!H00161&(69F!-(7! b-1.(&55!1(!;./5&64%1/(F!O1%<!Y&51R1!_4%-%&2-7\&#!M(E1%&7!,.&5&(%-%1/(!%/!%<&! G-6W.%<4.!b/4(7-%1/(!$-0&%9!-(7!345%16&!)<-22&(8&!P&%O/.R!G&&%1(8F!*1.%4-2F! G-9!J+F!JAJA

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