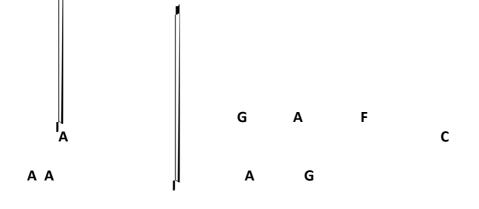
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ZI"1D@E; "VD@"J?; "JLL@C9>; : ">@"F; J: ; ?EDCL"VC>DC9">D; "B@KKA9C>R"@C": CEBCLF; E"DJS; "LJ?>CBAFJ?" ?; EL@9ECQCFC>C; E"C9"F; J?9C9OT">; JBDC9O"J9: "FCSC9OI"1D; C?"FCSC9O"JGG; B>E"J9: "B@9: C>C@9E">D; C?" F; J: ; ?EDCLI"PR"SC?>A; "@C">D; C?"@CGCB; T">D; R"JFE@"E>J9: "C9"J"LJ?>CBAFJ?



&@KK(EEE(@9XE"SC; V"J9: "VD; 9"SC; V; : "C9">D; "F(OD>"@G"(BD; : AF; "' "@?"(BD; : AF; ") ">@">D; "PJE(E"@G" 69(@91"V@AF: "DJS; "L?; S; 9>; : I"@?"VJE"F(\; FR">@"DJS; "L?; S; 9>; : I"DCKdD; ?"G?@K"Q; B@K(90" @?: J(9; : "@?"B@KK(EEE(@9; : I"VD; ?; "EABD"B@9: AB>"VJE"9@>": CEBF@E; : "QR">D; "K(9CE>; ?"@?"&\$&O" >@">D@E; "?; EL@9E(QF; "G@?"JEE; EE(90"DCEdD; ?"BJ9: C: JBR"G@?"@?: C9J>C@9"@?"B@KK(EEC@9C90I"

+IZI!"-9">D; "C9>; ?; E>E"Q@>D"@G">D; "KC9CE>; ?"@?"&\$&O"JE">D; "BJE; "KJR"Q; "J9: "@G">D; "VD@F; " BDA?BDT">D; "*CEBCLFC9J?R"#?@B; EE"@9B; "Q; OA9"ED@AF: "Q; "B@9: AB>; : "J9: "B@9BFA: ; : "JE" ; <L; : C>C@AEFR"JE"L@EECQF; T"B@9ECE>; 9>"VC>D">D; "L?@L; ?"B@9: AB>"@G">D; "L?@B; : A?; EI" "

+IZIZ"1@'>DCE"; 9: T'>D; "*CEBCLF(9J?R"#?@B; EE"CKL@E; E'>CK; "FCKC>E"G@?">D; "SJ?C@AE"E>; LE"VDCBD" DJS; ">@"Q; ">J\; 9I"2@V; S; ?"C>"CE"; YAJFFR"C9">D; "C9>; ?; E>E"@G"JFF">DJ>"; S; ?R"BJE; "VC>DC9">D; " *CEBCLFC9J?R"#?@B; EE"@9B; "Q; OA9"ED@AF: "9@>"Q; "JQ@?>; : I": ; FJR; : "@?"DC9: ; ?; : "QR"J9"A9: AFR" 9J??@V"@?"?; E>?CB>CS; "JLLFCBJ>C@9"@G">D; ">CK; "FCKC>E"@?"C9: ; ; : "@C"J9R"@>D; ?"JEL; B>E"@G">D; " *CEBCLFC9J?R"#?@B; EEI"

+1["+BB@?: C9OFRT"VD; ?; "A9:; ?">D; "L?@SCEC@9E"@G">DCE"*CEBCLFC9J?R"#?@B; EE"J9R"9@>CB; "EL; BCCC; E" J">CK; "FCKC>"G@?"J"B; ?>JC9"JB>C@9">@"Q; ">J\; 9"QR">D; "?; BCLC; 9>"J9: ">DJ>"JB>C@9"CE"9@>"BJ??C; : "@A>" VC>DC9">D; ">CK; "EL; BCCC; : "C9">D; "9@>CB; ">@">D; "EJ>CECJB>C@9"@G">D; "L; ?E@9"@?"Q@: R"E; 9: C9O">D; " 9@>CB; T">DJ>"L; ?E@9"@?"Q@: R"EDJFF"DJS; "J": CEB?; >C@9">@"JFF@V"J"?; JE@9JQF; "GA?>D; ?"L; ?C@: "G@?" EABD"B@KLFCJ9B; T"; <B; L>"JE"?; OJ?: E">D; "E>?CB?">CK; "FCKC>"CKL@E; : "@9">D; "?COD>"@C"JLL; JF" A9:; ?"#J?JO?JLDE"++IbI!T"'I^I[I!"J9: "/I!"J9: "AL@9">D; "E>; LE">@"Q; ">J\; 9"QR">D; "L; ?E@9"@?"Q@: R" E; 9: C9O">D; "9@>CB; "B@9EC:; ?E">DJ>"EAGCCBC; 9>">CK; "FCKC>"CKL@E; : "@9">D; "JS>C@9"@?"Q@: R" E; 9: C9O">D; "9@>CB; "B@9EC:; ?E">DJ>"EAGCCBC; 9>">CK; "DJE"Q; ; 9"JFF@V; : "J9: ">D; "JB>C@9"@?"Q@: R" E; 9: C9O">D; "9@>CB; "B@9EC:; ?E">DJ>"EAGCCBC; 9>">CK; "DJE"Q; ; 9"JFF@V; : "J9: ">D; "JB>C@9"?; YAC?; : " DJE"E>CFF"9@>"Q; 9"BJ??C; : "@A>"@?">D; "CEBCLFC9J?R"#?@B; EE"CKL@E; E"J">CK; "FCC<>"G@?">D; "JB>C@9"@?"Q@: R" E; 9: C9O">D; "9@>CB; "B@9EC:; ?E">DJ>"EAGCCCBC; 9>">CK; "DJE"Q; ; 9"JFF@V; : "J9: ">D; "JB>C@9"?; YAC?; : " DJE"E>CFF"9@>"Q; 9"BJ??C; : "@A>"@?">DJ?" DJE"Q; ; 9"J9"A9?; JE@9JQF; ": ;FJR"C9">D; "BJ??RC90"@A>"@C" >D; "JB>C@9"MVD; >D; ?"@?"9@>">D; "CEBCLFC9J?R"#?@B; EE"CKL@E; E"J">CK: "FCC<>"G@?">D; "BJ??RC90"@A>" @C">D; "JB>C@9NT">DJ>"L; ?E@9"@?"Q@: R"KJR"L?@B; ;: T"Q; J?C90"C9"KC9: ">D; "9; ;: "G@?">D; "#?@B; EE" >@"Q; "B@9: AB>; : "JE"; <L; : C>C@AEFR"JE"L@EECOF; I" >D; 9"C9"; C>D; ?"BJE; ">D; "EALLFR">@">DJ>"Q@: R"@G"EABD"C9G@?KJ>C@9"EDJFF"9@>"Q; ": ; ; K; : ">@"Q; "J" Q?; JBD"@G"B@9GC: ; 9>CJFC>R"A9: ; ?">D; "*CEBCLFC9J?R"#?@B; EEI"

+1^")@?">D; "LA?L@E; "@G">DCE"*CEBCLFC9J?R"#?@B; EET"J"?; G; ?; 9B; ">@"J9R"@G">D; "(; B>C@9E"+">@"U" C9BFA: C9O"(; B>C@9"++"EDJFF"K; J9"J"?; G; ?; 9B; ">@">DJ>"(; B>C@9"C9">D; "*CEBCLFC9J?R"#?@B; EE"J9: " >D; "G@FF@VC90"V@?: E"J9: "; <L?; EEC@9E"BJ??R">D; "G@FF@VC90"K; J9C90E=3"

- W+LL; JFE"&@KKCEEC@9X"EDJFF"K; J9">D; "&@KKCEEC@9"B@9E>C>A>; : "G@?">D; J?C90"@G"; JBD" +LL; JF"C9"JBB@?: J9B; "VC>D"(; B>C@9"/I"
- W+LL@C9>; ?EX"EDJFF"K; J9T"G@?">D; "LA?L@E; E"@G">D; "JLL@C9>K; 9>"@G"MON">D; "+EE; KQFR"

&\$&O\"EDJFF"K; J9"J"L; ?E@9"VD@E; "9JK; "CE"@9">D; "\$@FF"@G"&DA?BD"\$; FJ>; : "&@KKA9C>R"
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 #J?J0?JLD"+1! eNI"

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- W*; F; >(@9X"J9: "W@": ; F; >; X"EDJFF"K; J9">D; "?; K@SJF"@Gd>@"?; K@S; ">D; "9JK; "@G"J"K(9CE>; ?"@?" J"&\$&O"G?@K">D; "\$@FF"@G"5 C9CE>; ?E"@?"&DA?BD"\$; FJ>; : "&@KKA9C>R"O@?\; ?E"JE">D; "BJE; "KJR"Q; "@>D; ?">DJ9"J>">D; "?; YA; E>"@G">D; "K(9CE>; ?"@?"&\$&O"B@9B; ?9; : "@?"QR">D; "
 JBB; L>J9B; "@G"DCEdD; ?"?; EC09J>(@9"@?"QR"DCEdD; ?": ; J>DI"
- W*C?; B>C@9X"EDJFF"K; J9"J": C?; B>C@9d: C?; B>C@9E"VDCBD"J9"+EE; KQFR"&@KKCEEC@9"@?"+LL; JFE" &@KKCEEC@9"KJR"J:: ">@"J"O?C>>; 9"OJ?9C90"QR"VDCBD"C>": C?; B>E">D; "(R9@: " 5@:; ?J>@?d/; 9; ?JF"+EE; KQFR"\$; L?; E; 9>J>C\$; ">@"E; >"C9"K@>C@9"B; ?>JC9"E>; LE"VC>D"?; OJ?: " >@">D; "KC9CE>; ?d&\$&O">D; "EAQ_; B>"@C">D; "BJE; I""")@?">D; "JS@C: J9B; "@C": @AQ>I"J"*C?; B>C@9" BJ9"@9FR"Q; "CEEA; : "CC"JLL; 9: ; : ">@"J"V?C>>; 9"VJ?9C90"J9: "

(>J0; "M(; B>@@9"++N"B@AF: "9@>"?; JE@9JQFR"; <L; B>">@"?; E>@?; ">D; "&DA?BDXE"L?@L; ?" B@96C: ; 9B; "C9">DJ>"KC9CE>; ?I"

- g/AC: ; FC9; E"@9"&@9: AB>"J9: "P; DJSC@A?g"EDJFF"K; J9">D; "/AC: ; FC9; E"@9"&@9: AB>"J9: "
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 J9R"EAQE; YA; 9>"K@: CCCBJ>C@9">D; ?; @GNI"
- W2; J?(90X"EDJFF"K; J9">D; "2; J?(90"B@9: AB>; : "QR">D; "+EE; KQFR"&@KK(EEC@9"@?">D; "+LL; JFE" &@KK(EEC@9"A9: ; ?"(; B>C@9"' "@?"(; B>C@9"/1"
- ₩9BJLJB(>R"#?@B;:A?;X"EDJFF"K;J9">D;"#?@B;:A?;"@L;?J>;:"QR">D;"69(>;:"\$;G@?K;:" &DA?BD"G@?">D;"LA?L@E;"@G":;JF(90"V(>D"BJE;E"C9S@FS(90">D;"(9BJLJB(>R"@G"K(9(E>;?E"@?" &\$&OE"J9:"B@9>J(9;:"(9"(;B>C@9"#"@G">D;"&DA?BDXE"5J9AJFI"
- g-9(>(JF"&JA>(@9q"EDJFF"K;J9"J9"-9(>(JF"&JA>(@9"(KL@E;:"A9:;?"#J?J0?JLD"++I`I"
- W-9(>(JF"' 9YA(?RX"EDJFF"K; J9">D; "; 9YA(?R"BJ??(; : "@A>": A?(90">D; "#?; 3&@KK(EE(@9"(>J0; "QR" >D; "5J9: J>; : "/?@AL"(9"B@9_A9B>(@9"V(>D">D; "L; ?E@9"BJFF(90"(9">D; "5J9: J>; : "/?@AL" A9: ; ?">D; "L?@S(E(@9E"@("(; B>(@9"P")))))
- W-9S; E>C0J>C@9X"EDJFF"K; J9">D; "L?@B; EE"@G"C9S; E>C0J>C@9"BJ??C; : "@A>"QR">D; "5J9: J>; : " /?@AL"JE"E; >"@A>"C9"(; B>C@9"*1"
- Wu@C9>"#J9; FX"EDJFF"K; J9">D; "#J9; F"?; G; ??; : ">@"C9"#J?J0?JLD"PIZI[I"

@?"L@E>"@?"DJE"J9R"(9S@FS; K; 9>T"LJ(: "@?"A9LJ(: T"VD; ?; "EABD"Q@: R"@?"@?0J9(EJ>{@9"V@AF: " DJS; "J"?; JE@9JQF; "J9: "L?@L; ?"; <L; B>J>{@9"@("Q; (90"KJ: ; "JVJ?; "@(">D; "LJ?>(BAFJ?"E>; LMEN" Q; (90">J\; 9"J9: d@?"J9R"0A(: J9B; "Q; (90"(EEA; : "A9: ; ?">D; "?; F; SJ9>"LJ?J0?JLD"@(">D; " *(EB(LF(9J?R"#?@B; EE"(9"VD(BDD">D; "; <L?; EE(@9"W%A>E(: ; "%?0J9(EJ>(@9)\"JLL; J?EI"

- W#J?>C; EX"EDJFF"K; J9"MCN">D; "&@A9BCFT"VDCBD"G@?">D; "LA?L@E; "@G">D; "*CEBCLFC9J?R"#?@B; EE"EDJFF" JB>"E@F; FR"J9: "; <BFAECS; FR">D?@A0D">D@E; "JLL@C9>; : ">@"?; L?; E; 9>"C>"D; ?; C9T"J9: "MCCN">D; " KC9CE>; ?"@?"&\$&OI"
- ₩#?;3

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- W(L; BCJF"+LL; JFE"P@: RX"EDJFF"K; J9">D; "Q@: R"JLL@C9>; : ">@"D; J?"JLL; JFE"A9: ; ?"#J?JO?JLD"
 'I^I["J0JC9E>"J"L?@L@E; : "?; G; ?; 9B; "QJB\"J9: "?; B@KK; 9: J>C@9">@"B@KK; 9B; ">D; "
 -9BJLJBC>R"#?@B; : A?; I"
- W(>?AB>A?; X"EDJFF"K; J9">D; "(>?AB>A?; "@G">D; "69G>; : "\$; G@?K; : "&DA?BDI"
- W(AEL; 9EC@9X"J9: "W>@"EAEL; 9: X"EDJFF"DJS; ">D; "K; J9C90E"JEEC09; : ">@">D; K"C9"#J?J0?JLDE"[" J9: "]"@C"(BD; : AF; "' ">@">D; "PJECE"@C"69C@9"J9: ">D; ">DC?: "J9: "C@A?>D"LJ?J0?JLDE"@C"#J?>"--"@C" (BD; : AF; ") ">@">D; "PJECE"@C"69C@9I"
- W(R9@: X"EDJFF"K; J9">DJ>"(R9@: "VDCBD"C9"?; FJ>C@9">@"J9R"KC9CE>; ?"@?"&\$&O"; <; ?BCE; E"
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 ZM] NM+NM<SN"@C">D; "(>?AB>A?; I"
- g(R9@: "+LL@(9>;; Eg"EDJFF"K; J9">D; "L; ?E@9E"JLLE-3(?. 2434)D; DJg"9(L)9E(F-8(9)4((9)4(1T)-Z(g(1T)-O2(20)))))

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*CEBCLFC9J?R"#?@B; EET"C>"EDJFF"Q; ">J\; 9"JE"Q; C90"; YAJFFR"?; G; ?JQF; ">@"J"&\$&O"@?">@">D; "\$@FF"@G" &\$&OE"@?">@">D; "@GGCB; "@G"&\$&O"JE">D; "BJE; "KJR"Q; T"A9F; EE"EABD"B@9E>?AB>C@9"CE"L?; BFA: ; : " QR">D; "B@9>; <>I"

+1! ! "1D; "&DA?BD"?; B@09(E; E">DJ>T"G?@K">(K; ">@">(K; T"BJE; E"GJFF(90"VC>DC9">D; "*CEBCLF(9J?R" #?@B; EE"KJR"J>>?JB>">D; "J>>; 9>(@9"@G">D; "9J>(@9JF"@?"F@BJF"L?; EE"J9: "@>D; ?"K; : CJ" @?0J9(EJ>(@9E"J9: "JA>D@?(E; E"(R9@: "5@: ; ?J>@?ET"+EE; KQFR"%GGCB; ?E"J9: ">D; "(; B?; >J?R"@G">D; " +EE; KQFR"&@KK(EEC@9">@"EALLFR">@">D; "#?; EE"%GGCB; ?"EABD"C9G@?KJ>(@9"JE"EdD; "KJR" ?; JE@9JQFR"?; YAC?; ">@": ; JF"V(>D"JFF"L?; EEdK; : CJ"; 9YAC?(; E"C9"J">JB>(AF"J9: ": CEB?; ; >"KJ99; ?"E@" JE">@"L?@>; B>">D; "C9>; ?; E>E"@G">D; "&DA?BDT">D; "KC9CE>; ?"J9: "JFF"@>D; ?E"(9S@FS; : "C9">D; "BJE; I"

+1!`IZ"1D; "*CEBCLFC9J?R"#?@B; EE"KJR"Q; "C9C>CJ>; : "C9"?; EL; B>"@C"J"KC9CE>; ?"@?"&\$&O"JE"J"?; EAF>" @C"J"?; B@KK; 9: J>C@9"CEEAC90"C?@K">D; "-9BJLJBC>R"#?@B; : A?; I"C9"VDCBD"BJE; ">D; ?; "KJR"Q; "J" ED@?>">?J9EC>C@9JF"@S; ?FJL"Q; >V; ; 9">D; "B@KK; 9B; K; 9>"@C">D; "*CEBCLFC9J?R"BJE; "J9: ">D; " B@9BFAEC@9"@C">D; "BJE; "VC>DC9">D; "-9BJLJBC>R"#?@B; : A?; I"

AA C

++I!I!"1DCE"(; B>C@9"++"E; >E"@A>"J"&JA>C@9"(>J0; "VDCBD"L?@SC: ; E">D; "K; BDJ9CEK"VD; ?; QR"J9" ; 9YAC?R"BJ9"Q; "E; >"AL">@"; <JKC9; "KJ>>; ?E"@C"B@9B; ?9"C9S@FSC90"KC9CE>; ?E"VDCBD"CJFF"ED@?>"@C" /?@EE"5CEB@9:AB>T"F; J:C90T"CG"JLL?@L?CJ>; T">@"J9"-9C>CJF"&JA>C@9"J9: "J")C9JF"&JA>C@9"Q; C90" CEEA; : ">@">D; "KC9CE>; ?"C9">D; "C@?K"@C"V?C>>; 9"9@>CB; EI"

++I! IZ"+9R"EABD"KJ>>; ?E"@G"B@9B; ?9"EDJFF"@9FR"GJFF"V(>DC9">D; "*CEBCLFC9J?R"#?@B; EE"CG" :; K@9E>?J>C90"J":; O?; ; "@G"QFJK; V@?>DC9; EE"J>>?CQA>JQF; ">@": ; FCQ; ?J>; "C9>; 9>"@?">@"J"QFJ>J9>" FJB\"@G"BJ?; "J9: "B@9B; ?9T">D; "; GC; B>"@G"VDCBDT"CG"EAQE>J9>CJ>; : T"V@AF: "C9: CBJ>; "J"Q?; JBD"@G" >D; "B?(>; ?CJ"FJC: ": @V9"C9"#J?J0?JLD"+I!I]I"-9">D; "JQE; 9B; "@G">D; E; "; F; K; 9>EI"9@"BJE; "G@?" : CEBCLFC9; "J?CE; E"A9:; ?">DCE"(; B>C@9"++I"

++III["-6"J>"J9R">CK; ": A?(90">D; "&JA>(@9"(>J0; ">D; "(R9@: "5@: ; ?J>@?"Q; B@K; E"JVJ?; "@("J9R" (96@?KJ>(@9"EAOO; E>(90">D; "L@EE(Q(F(>R"@("/?@EE"5(EB@9: AB>"@9">D; "LJ?>"@(">D; "K(9(E>; ?I"EdD; " EDJFF"DJS; ">D; "L@V; ?">@"Q?(90">D; "&JA>(@9"(>J0; ">@'J9"(KK; : (J>; "B@9BFAE(@9"J9: "BJFF"(9"J" 5J9: J>; : "0?@AL">@"B@KK; 9B; "(>E"#?; 3&@KK(EE(@9"(>J0; "C9"JBB@?: J9B; "V(>D"(; B>(@9"PI"+9R" ?; F; SJ9>"(96@?KJ>(@9"JF?; J: R"OJ>D; ?; : "V(>D(9")); "&JA>(@9"(>J0; "EDJFF"O; "LJEE; : "@9">@">D; " 5J9: J>; : "/?@AL">@"B@KK; 9B; "(>E"#?; 3&@KK(EE(@9"(>J0; "C9"JBB@?: J9B; "V(>D"(; B>(@9"PI"+9R" ?; F; SJ9>"(96@?KJ>(@9"JF?; J: R"OJ>D; ?; : "V(>D(9")); "&JA>(@9"(>J0; "EDJFF"O; "LJEE; : "@9">@">D; " 5J9: J>; : "/?@AL"J9: ">D; "(R9@: "5@: ; ?J>@?"EDJFF": (EBDJ?0; ">D; "(R9@: "+LL@(9>; ; E"G?@K"J9R" GA?>D; ?"; EL@9E(Q(F(>RI"

++I!I]I!"\$;G;?;9B;E"C9">DCE"(;B>C@9"++">@">D;"(R9@:"5@:;?J>@?"BJ9"JFE@"Q;">J\;9"JE"J" ?;G;?;9B;">@">D;"/;9;?JF"+EE;KQFR"\$;L?;E;9>J>CS;T";<B;L>"VD;?;"L?;BFA:;:"QR">D;"/B@9>;<>I" "

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++I!I^I!"+B>C90"C9"JBB@?: J9B; "VC>D"#J?J0?JLD"++I!I^IZT"; JBD"(R9@: "EDJFF"JLL@C9>">V@" L; ?E@9E"M\9@V9"JE"f>D; "(R9@: "+LL@C9>; ; EfN">@"B@9: AB>">D; "; 9YAC?R"A9: ; ?">D; "&JA>C@9"(>J0; " J9: ">@">J\; "EABD"@>D; ?"JB>C@9E"JE"J?; "?; YAC?; : "A9: ; ?">DCE"(; B>C@9"++"J9: ">V@"L; ?E@9E">@"JB>" JE"?; E; ?S; E"C@?"EABD"LA?L@E; E"ED@AF: ">D; "L?C9BCLJF"JLL@C9>; ; E"Q; "A9JQF; "C@?"VDJ>; S; ?" ?; JE@9">@"JB>"C9">DJ>"BJLJBC>R"C9"J"LJ?>CBAFJ?"BJE; I"

++I! I^IZ"1D; "5@:;?J>@?"@G">D; "(R9@: "C9"B@9EAF>J>C@9"VC>D"EABD"%GCCB;?E"@C">D; "(R9@: "JE"EdD;" B@9EC:;?E"JLL?@L?CJ>; "EDJFF"G@?>DVC>D"JLL@C9>">V@"L;?E@9E">@"JB>"JE">D; "(R9@: "+LL@C9>;;E" MJ9: "?;E;?S;EN"C9"J9R"LJ?>CBAFJ?"BJE; "C9">D; "G@FF@VC90"KJ99;?="MCN"EdD; "EDJFF"JLL@C9>">D; "CC?E>" @G">D; "(R9@: "+LL@C9>;;E"C?@K">D; "U@C9>"#J9;F"MVC>D"J9@>D;?"C?@K">D; "U@C9>"#J9;F">@"JB>"JE" ?;E;?S;N"J9: "MCN"EdD; "EDJFF"JLL@C9>"JE">D; "E'S@P: "(R9@: "+LL@C9>;;E" ?;E;?S;N"J9: "MCN"EdD; "EDJFF"JLL@C9>"JE">D; "E'S@P: "(R9@: "+LL@C9>;;E" ?;E;?S;N"J9: "MCN"EdD; "EDJFF"JLL@C9>"JE">D; "E;B@9: "(R9@: "+LL@C9>;;"@9;"@C">D; "C@FF@VC90T">D]>" CE="MJN"@9; "L;?E@9"G?@K"C>E"@V9"(R9@: "#J9;F"@?"(DJ?;: "(R9@: "#J9;F"@?"MON"@9;"L;?E@9"G?@K" >D; "(R9@: "#J9;FMEN"@G"J9@>D;?"ER9@: "@?">D; "(DJ?;: "(R9@: "#J9;F"@C"J9@>D;?"O?@AL"@G"(DJ?C90" >D; "69(>; : "\$; G@?K; : "&DA?BD"V(>D"F; OJFT">?(QA9JF"@?"@>D; ?"JLL?@L?(J>; "L?@G; EEC@9JF" ; <L; ?(; 9B; I"(dD; "EDJFF"JFE@"JLL@(9>"C9">D; "EJK; "KJ99; ?"@9; "L; ?E@9">@"JB>"JE"?; E; ?S; ">@">D; " E; B@9: "(R9@: "+LL@(9>; ; "MQA>"E; ; "#J?J0?JLD"++1!I^1^NI"OD; 9"KJ\(90"JLL@(9>K; 9>E"A9:; ?" MCCMMQN"JQ@S; T">D; "5@:; ?J>@?"@G">D; "(R9@: "EDJFFT"(9">D; "BJE; "@G"J"EC90F; "(R9@: "#J9; FT"C9G@?K" >D; "5@:; ?J>@?"@G">DJ>"(R9@: "eG"EABD"JLL@(9>K; 9>"J9: T"C9">D; "BJE; "@G"J"(DJ?; : "(R9@: "#J9; FT" C9G@?K">D; "&@3@?: (9J>@?"@G">DJ>"#J9; F"@G"EABD"JLL@(9>K; 9>T"VD; >D; ?"C>"J?(E; E"A9:; ?" MCCMMQN"JQ@S; T"J9: ">D; "&@3@?: (9J>@?"EDJFFT"(9">A?9"(9G@?K">D; "5@:; ?J>@?E"@G">D; "(DJ?C90"(R9@: E" C9">DJ>"/?@ALI"

++I!I^I["-6"J9R"K;KQ;?"@6"J"(R9@: "#J9;F"@?">D;"U@69>"#J9;F"6E"J"K;KQ;?"@6"J"F@BJF"BDA?BD" B@99;B>;: "V(>D">D; "BJE;"@?"DJE"J9R"LJE>@?JF"@?"L;?E@9JF"69S@FS;K;9>"C9">D;"BJE;"@?"CE">D;" EAQ_;B>"@6"J": CEBCLFC9J?R"B@KLFJC9>T">DJ>"L;?E@9"EDJFF"9@>"Q;"@9;"@6">D;"(R9@: "+LL@C9>;;E"G@?" >DJ>"BJE;I"

++III^I]"-9">D; "; S; 9>">DJ>"@9; "@6">D; "(R9@: "+LL@(9>; ; E"(E"@Qf(0; : ">@"V(>D: ?JV": A?(90">D; " &JA>(@9"(>J0; I">D; "?; E; ?S; "JLL@(9>; : "6?@K">D; "EJK; "#J9; F"KJRT"EAQ_; B>">@">D; "JLL?@SJF"@6" >D; "5@: ; ?J>@?"@6">D; "(R9@: "6@FF@V(90"B@9EAF>J>&@9"V(>D"EABD"@666B; ?E"@6">D; "(R9@: "JE"EdD; " B@9EC: ; ?E"JLL?@L?(J>; I">J\; "@S; ?"DCEdD; ?"L@EC>&@9"J9: I"_@(9>FR"V(>D">D; "@>D; ?"(R9@: " +LL@(9>; ; I"B@9><0A; "V(>D">D; "; 9YAC?RT"_@(9"(9"CEEAC90"&JA>&@9E"MC6"B@9EC: ; ?; : "9; B; EEJ?RN"J9: " Q?(90">D; "&JA>&@9"(>J0; ">@"C>E"B@9BFAE&@9I"(D@AF: ">D; "5@: ; ?J>@?"@6">D; "(R9@: I"6@FF@V(90"EABD" B@9EAF>J>&@9"JE"E>J>; : "JQ@S; I"B@9EC: ; ?">DJ>"C>U"AF: "9@>"Q; "JLL?@L?(J>; "C9">D; "BJE; " B@9B; ?9; : ">@"J: @L>"; <CD; ?">D; "L?@B; : A?; "@A>F(9; : "JQ@S; "@?">D; "L@ES; "@?">D; "L@C9<" #J?J0?JLD"++I!I^1TEdD; "VCFF": CEBDJ?0; ">D; "(R9@: "+LL@C9>; ; E"J9: "JLL@(9>">V@"9; V"@9; E"C9" JBB@?: J9B; "V(>D">D; "JQ@S; "L?@B; : A?; I"

++I!I^I^"(D@AF: ">D; ?; "Q; "J"SJBJ9BR"VDCBD"CE"?; YAC?; : ">@"Q; "GCFF; : "QR"JLL@C9>K; 9>"G?@K">D; "

(%);">D; "&JA>(@9"(>J0; "(9"?; FJ>(@9">@"J9R"LJ?>(BAFJ?"K(%)E>; ?I"EdD; "EDJFF"(@FF@V">D; "

C9"VDCBD"BJE; "#J?J0?JLD"PI`I["JLLf(; EI"""+FE@">D; "C9C>CJ>C@9"@G">D; "&JA>C@9"(>J0; "VCFF"9@>" 9@?KJFFR"C9S@FS; ">D; "EAEL; 9EC@9"@G">D; "KC9CE>; ?I"

++IZIa""-9"LA?EAC90">D; C?"; 9YAC?R"C9"J"BJE; "?; G; ??; : ">@">D; K"A9: ; ?">D; "#J?J0?JLD"PIbI]" L?@B; : A?; I">D; "(R9@: "+LL@C9>; ; E"EDJFF"DJS; "9@": C?; B>"L; ?E@9JF"B@9>JB>"@G"J9R"\C9: "VC>D"J9R" K; KQ; ?"@G">D; "5J9: J>; : "/?@AL"C9">DJ>"BJE; I"

++IZIb"+>"Jff"K;;>\$90E"V\$D">D;"(R9@:"+LL@\$9>;;ET">D;"K\$9E>;?"J9:"J9R"@>D;?"L;?E@9E" \$9>;?\$\$;V;:"QR">D;"(R9@:"+LL@\$9>;;E"KJRT%\$">D;R"V\$EDT"Q;"JBB@KLJ9\$;:"QR"J"\$\$?\$;9:I"

++IZIC"1D; "(9(>(J)>(@9"@(">D; "&JA>(@9"(>J0; "V(FF"9@>"9@?KJFFR"(9S@FS; ">D; "EAEL; 9E(@9"@(">D; " K(9(E>; ?|"

++IZI! e"&JE; E"Q; 090"B@9E0:; ?; : "QR">D; "(R9@: "+LL@09>; ; E"J6>; ?"?; 6; ??JF"A9:; ?">D; "#J?J0?JLD" PIbI]"L?@B; : A?; "EDJFF"Q; "EAQ_; B>">@">D; "L?@S0E0@9E"@6">D0E" (; B>0@9"++"0">D; "EJK; "KJ99; ?"JE" @>D; ?"BJE; EI"EJS; "@9FR"JE"?; 0J?: E"J9R": 006; ?; 9B; E"K; 9>0@9; : "09"J9R"@0">D; "L?; B; : 090"EAQ3 LJ?J0?JLDE"@6">D0E"#J?J0?JLD"++IZI"

++I["1D; "LA?L@E; "@G">D; "; 9YAC?R"CE">@'; E>JQFCED"VD; >D; ?T"C9">D; "@LC9C@9"@G">D; "(R9@: " +LL@C9>; ; ET">D; "KJ>>; ?E"@G"B@9B; ?9"?; G; ??; : ">@"C9"#J?JO?JLD"++IZI]T"VDCFE>">D; R"KJR"GJFF" ED@?>"@G"/?@EE"5CEB@9: AB>T": @"9@9; >D; F; EE"JK@A9>">@"J"GJCFA?; "@9">D; "LJ?>"@G">D; " KC9CE>; ?d&\$&O">@"FCS; "AL">@">D; "L?@KCE; E"VDCBD"EdD; "KJ: ; "J>"@?: C9J>C@9dB@KKCEEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@"SDJ>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@">DJ>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@">DJ>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@">D]>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@">D]>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@">D]>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@">D]>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "(R9@: "+LL@C9>; ; E": @"B@K; ">@">D]>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; ?"CG">D; "ND@9E'C9">D; "G@?K"@G"J"V?C>>; 9"9@>CB; ">@">D]>"B@9BFAEC@9C90" ME; ; "#J?JO?JLD"+I!I]N"J9: "VD; >D; K">@"CGEA; "J"&JA>C@9"C9">D; "G@?K"@G"J"V?C>>; 9"9@>CB; ">@">D]>"B@9BFAEC@9"C>" V@AF: "Q; "JLL?@L?CJ>; "G@?">D; K">@"CG">D; R"B@9EC: ; ?">D; "BJE; "&@"B@?K' @G"J"V?C>>; 9"9@>CB; ">@">D; " KC9CE>; ?"J9: T"CG"E@T'C9"VDJ>">; ?KE"@?T"CG">D; R"B@9EC: ; ?">D; "BJE; "&@?" E; ?(@AET"VD; >D; ?">@" ?; B@KK; 9: ">@">D; "(R9@: "5@: ; ?J>@?">D]>"EdD; "ED@AF: ">J\; ">D; "BJE; "@9">@">D; "9; <>"E>JO; "@G" >D; "*CEBCLFC9J?R"#?@B; EE"QR"BJFFC90"C9"J"5J9: J>; "/?@AL"A9: ; ?"(; B>C@9"PI"

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?; L@?>">@">D; "(R9@: "5@: ; ?J>@?"C9"JBB@?: J9B; "VC>D">D; "L?@B; : A?; "E; >"@A>"C9"#J?JO?JLD" ++IcI!I"1D; "(R9@: "5@: ; ?J>@?"EDJFF"DJS; "

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PIZIZI["' S; ?R"0?@AL"@G"(DJ?C90"(R9@: E"EDJFF"JLL@C9>"J"&@3@?: C9J>@?"MVD@"KJR"JFE@"Q; "J"#J9; F" K; KQ; ?N"VD@"EDJFF"B@3@?: C9J>; "J9: "J: KC9CE>; ?">D; C?"(DJ?; : "(R9@: "#J9; FT"\; ; L"AL >DCE"J9: T"CG"9; B; EEJ?RT">@"?; KC9: ">D; "0?@AL"VD; 9">D; "9AKQ; ?"CJFFE"Q; F@V">D; "E>J>; : " ?; YAC?; K; 9>I"

PI[1! "-9": CEBCLFC9J?R"BJE: E"J?CEC90"A9: ; ?"#J?J0?JLD"ZM]M+NM<SCCN"@G">D; "(>?AB>A?; "M(R9@: EN"C9" ?: EL: B>"@("J9R"K(9(E>: ?"(9"K: K0: ?ED(L"@?"A9: : ?">D: "JA>D@?(\>R"@(">D: "(R9@: "(9"YA: E>(@91"(6" >D; "5@:;?J>@?"@G">DJ>"(R9@:";C>D;?"MN"Q;FC;S;E">DJ>">D;?;"KJR"Q;"J": CEBCLFC9J?R"CEEA;" (9S@F\$(90"/?@EE"5(EB@9: AB>"@?"K(EB@9: AB>"@("J"EAG(GB(; 9>FR"E; ?(@AE"9J>A?; "JE">@" AE>(GR" DCEdD; ?">J\C90"JB>C@9"A9; ; ?">DCE"#J?JO?JLD"\C>D@A>"GC?E>"C9C>CJ>C9C"A9; "&JA>C@9"(>JO; "@?"MCCN" ?; E@FS; E"INVD; ?; ">D; "BJE; "DJE"JF?; J: R"LJEE; : ">D?@A0D">D; "&JA>(@9"(>J0; N">@"JB>"@9">D; " ?; B@KK; 9: J>[@9"6?@K">D; "(R9@: "+LL@(9>; ; E">@"BJff"(9"J"5J9: J>; : "/?@ALT"EdD; "EDJff" G@?>DV(>D"(9">D; "9JK; "@G">D; "(R9@: "JLL@(9>">V@"L; ?E@9E"G?@K">D; "U@(9>"#J9; F"JE"L?@S(:; : "(9" #J?J0?JLD"PIZI["J9: "@9; "L; ?E@9"6?@K">D; "(R9@: "#J9;F"@?"(DJ?: : "(R9@: "#J9;F"@?"(9"J9" ; K; ?0; 9BR"G?@K">D; "(R9@: "#J9; F"@?"(DJ?; : "(R9@: "#J9; F"@G"J9@>D; ?"(R9@: "@?"/?@AL"@G" (DJ?(90"(R9@: EN"JE"L?@S(; : : "(9"#J?J0?JLD"PIZI! "@?"#J?J0?JLD"PIZIZ">@"B@9E>\$>A>; ">D; " 5J9: J>; : "/?@AL"6@?">D; "LJ?>6BAFJ?"BJE; I"""1D; "(R9@: "5@: ; ?J>@?"KJR": ; LJ?>"6?@K">D; "E>?6B>" >; ?KE"@G">D; "L?; B; : (90"E; 9>; 9B; "(G"EdD; "B@9E(: ; ?E">DJ>"J9R": ; FJR"(9"KJ\(90"J9"JLL@(9>K; 9>" G?@K">D; "(R9@: "#J9; ["@?"(DJ?; : "(R9@: "#J9; ["V@AF: "A9: AFR"?; >J?: ">D; "L?@O?; EE"@G">D; "BJE; " J9: "(9"EABD"J"E(>AJ>(@9"EdD; "KJR"JLL@(9>">D; ">D(?: "K : K0: ?"@(">D; "5J9: J>: : "/?@AL"(?@K">D; " U@\$9>"#J9;FI""+E"E@@9"JE">D; "JLL@\$9>K;9>E"DJS; "Q;;9"KJ:;F">D; "(R9@: "5@:;?J>@?"EDJFF" (9G@?K">D; "K(9CE>; ?"@G">DCE"J9: "G@FF@V">D; "L?@B; : A?; "FJC: ": @V9"C9"#J?J0?JLDE"P1`I!d]I"

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PI`I["-6">D; "(R9@: "5@: ; ?J>@?"DJE"L?@B; ; : ; : ": C?; B>FR">@"

&I!I^"-9G@?K">D; "/; 9; ?JF"(; B?; >J?RT">D; "5@:; ?J>@?"@G">D; "(R9@: T">D; "(R9@: "&F; ?\T">D; "#?; EE" %GGGB; ?T">D; "(JG; OAJ?: C90"%GGGB; ?"J9: ">D; "(; B?; >J?R"G@?"5C9CE>?C; E"@G">D; "(R9@: "&F; ?\T">D; "#?; EE" \$; G; ??JF". @>CB; "QA>"9@>"@G">D; "B@9>; 9>E">D; ?; @GT"JLJ?>"G?@K">D; "9JK; "@G">D; "KC9CE>; ?!"

&I!I`"%9"?;B;CL>"@C">D; "KC9CE>;?XE"?;EL@9E; "A9:;?"#J?J0?JLD"&I!IZ"J9: "J9R": @BAK;9>E"VDCBD" KJR"JBB@KLJ9R"C>T"L?@SC:;">D; "5J9:J>;:"/?@AL"VC>D"B@LC;E">D;?;@CI"

&I! Ia"-9"J9R"BJE; "J?(EC90"JE"J"B@9E; YA; 9B; "@C"J". @>(B; "@C"\$; G; ?; 9B; "QJB\T"VD; ?; "B@KK; 9>E" J?; "?; B; (S; : "G?@K"; (>D; ?"@C">D; "LJ?>C; E"JE"J"?; EAF>"@C">D; "C9SC>J>(@9"B@9>JC9; : "C9"#J?JO?JLD" &I! I [T"L?@SC: ; ">D; "@>D; ?"LJ?>R"V(>D"B@LC; E">D; ?; @GI"

EdD; "CE"A9JVJ?; "@G"J9R"BC?BAKE>J9B; E"VDCBD"C9">D; "L?; E; 9>"BJE; "KCOD>"L?; S; 9>"DCKdD; ?"G?@K" E; ?SC90"@9">D; "+EE; KQFR"&@KKCEEC@9I"

&I]IZ"1D; "-9S(>; ; "EDJFF"V(>DC9"a": JRE"@G"?; B; (L>"@G"EABD". @>(B; "E; ?S; "@9">D; "(; B?; >J?R"@G">D; " +EE; KQFR"&@KK(EEC@9"J". @>(B; "C9: CBJ>C90"VD; >D; ?"EdD; "CE"JQF; "J9: "VCFFC90">@"JBB; L>" JLL@(9>K; 9>"J9: I"(G"E@I"B@9G(?K(90"B@KLFCJ9B; "V(>D"#J?J0?JLD"&I[I!I"

&I^I!"1D;"(;B?;>J?R"@G">D;"+EE;KQFR"&@KKCEEC@9"EDJFF"E;?S;"9@>CB;"@9">D;"#J?>C;E"E;>>C90"@A>" >D;"9JK;"J9:"@GCB;"@?"B?;:;9>CJFE"@G";JBD"L?@L@E;:"JLL@C9>;;T":?JVC90"J>>;9>C@9">@" #J?J0?JLDE"&I[I!"J9:"?;YAC?C90"9@>CB;"@G"@Q_;B>C@9">@"J9R"@G">D;"L?@L@E;:"JLL@C9>;;E"A9:;?" >DJ>"#J?J0?JLDE"&I[I!"J9:"?;YAC?C90"9@>CB;"@G"@Q_;B>C@9">@"J9R"@G">D;"L?@L@E;:"JLL@C9>;;E"A9:;?" >DJ>"#J?J0?JLDE"&I[I!"J9:"?;YAC?C90"9@>CB;"@G"@Q_;B>C@9">@"J9R"@G">D;"L?@L@E;:"JLL@C9>;;E"A9:;?" >DJ>"#J?J0?JLD">@"Q;"E;?S;:"AL@9">D;"(;B?;>J?R"@G">D;"+EE;KQFR"&@KKCEEC@9"VC>DC9"!]":JRE" @G">D;"E;?SCB;"@C">D;".@>CB;"OCS;9"A9:;?">DCE"#J?J0?JLDI"

&I^IZ"+9R"EABD". @>{B; "@G"%Q_; B>{@9"KAE>"E>J>; ">D; "0?@A9: E"G@?"EABD"@Q_; B>{@9I"

&I^I["1@"; 9EA?; ">DJ>">D; "&@KKCEEC@9"(>J0; "CE"K@S; : "JF@90"C9"J">CK; FR"KJ99; ?T"J9R". @>CB; "@G" %Q_; B>C@9"?; B; CS; : "@A>EC: ; ">D; "L; ?C@: "JFF@V; : "VCFF"9@>"9@?KJFFR"Q; "B@9EC: ; ?; : "A9F; EE"S; ?R" 0@@: "?; JE@9"BJ9"Q; "ED@V9"G@?"C>E"FJ>; ": ; FCS; ?R"

&I^I]"1D; "+LL@(9>; ?E"EDJFF"B@9E(: ; ?"J9R"@Q_; B>(@9"L?@L; ?FR": ; F(S; ?; : "J9: "EDJFF": ; B(: ; " VD; >D; ?">@"ALD@F: "@?"?; _; B>">D; "@Q_; B>(@91"

&I^I^"-G">D; R"?; _; B>">D; "@Q_; B>C@9">D; "(; B?; >J?R"@G">D; "+EE; KQFR"&@KKCEEC@9"EDJFF"E; ?S; " 9@>CB; ">D; ?; @G"@9">D; "@Q_; B>@?I"

&I^I`"-G">D; R"ALD@F: ">D; "@Q_; B>(@91">D; "(; B?; >J?R"@G">D; "+EE; KQFR"&@KK(EEG@9"EDJFF"E; ?S; " 9@>CB; ">D; ?; @G"AL@9">D; "@Q_; B>@?I">D; "L; ?E@9">@"VD@K">D; "@Q_; B>(@9"VJE">J\; 9"J9: ">D; " EDJFF"E>J9: ": @V9"J9: "Q; ": CEBDJ?O; : "J9: "J"9; V"+EE; KQFR"&@KKCEEC@9"EDJFF"Q; "JLL@C9>; : " A9: ; ?">DCE" (; B>C@9"&I"

&IaI]"-G">D; "&@9S; 9; ?"@G">D; "+EE; KQFR"&@KKCEEC@9"CE"A9JQF; ">@"B@9>C9A; ">@"E; ?S; I">D; " ?; KJC9C90"K; KQ; ?E"EDJFFI"G@FF@VC90"B@9EAF>J>C@9"VC>D">D; "+LL@C9>; ?ET"JLL@C9>"@9; "@G">D; C?" 9AKQ; ?">@"Q; ">D; "&@9S; 9; ?"C9"DCEdD; ?"LFJB; I"

DI MG

*1!"->"EDJFF"Q; ">D; "?@F; "@G">D; "5J9: J>; : "/?@AL">@"C9S; E>C0J>; ">D; "KJ>>; ?E"VDCBD"J?; ">D; " EAQ_; B>"@G">D; "\$; G; ??JF". @>CB; "VC>D"J"SC; V">@"L?; E; 9>C90">D; "BJE; "C9">D; "9JK; "@G">D; "&@A9BCF" J>">D; "2; J?C90I"

*IZI!"-9">D; "B@A?E; "@G">D; "-9S; E>COJ>C@9T">D; "5J9: J>; : "/?@AL"EDJFF"9@?KJFFR"C9>; ?SC; V">D; " L; ?E@9"@?"L; ?E@9E"F@: 0C90">D; "C9C>CJF"B@KLFJC9>"MCG"J9RN"J9: ">D; "KC9CE>; ?"B@9B; ?9; : "J9: "EDJFF" KJ\; "JFF"@>D; ?"C9S; E>COJ>C@9E"VDCBD"C>"B@9EC: ; ?E"9; B; EEJ?RI"

*IZIZ"+9R"L; ?E@9"Q; (90"(9>; ?S(; V; : "(9"JBB@?: J9B; "V(>D"#J?J0?JLD"*IZI!"KJRT"(%"EdD; "E@" V(ED; ET"DJS; "J"(?(; 9: "L?; E; 9>"V(>D"D(KdD; ?"J>"EABD"(9>; ?S(; VI"

I["-9"B@9: AB>{90"{>E"-9S; E>{0J>{@9"J9: "L?; LJ?{90"{@?">D; "2; J?{90T">D; "5J9: J>; : "/?@AL"EDJFF" J>"JFF">{K; E"DJS; "{9"K{9: ">D; "E>J>; K; 9>"E; >"@A>"{9"#J?J0?JLD"+IZI! "?; 0J?: {90">D; "L?@L; ?" ; <L; : {>{@9"@{">D; " {EB{LF{9J?R"#?@B; EE"NJ9: "E; ; "JFE@"#J?J0?JLD"' I]"JE">@'>D; "?@F; "@{">D; " (; B?; >J?R"@{">D; "+EE; KQFR"&@KK{EE{@9"{9">D{E"?; EL; B>NI"

*1]"-9"BJE; E"VD; ?; "#J?J0?JLD" |al! "JLLF(; ET">D; "5J9: J>; : "/?@AL"KJR"(>E; F6"K@9(>@?">D; " B?(K(9JF"L?@B; ; : C90ET"QA>"EDJFF"@>D; ?VCE; "G@?">D; "L; ?C@: "EL; BCCC; : "C9">DJ>"#J?J0?JLD"EAEL; 9: " C>E"@V9"C9S; E>C0J>C@9"@G"J9R"KJ>>; ?"A9: ; ?">D; "*CEBCLF(9J?R"#?@B; EE"VDCBD"KC0D>"JFE@"Q; " ?; FJ>; : ">@">D; "B?(KC9JF"L?@B; ; : C90EI"

I^"-9"BJE; E"B@K(90"C9>@">D; "(EBCLFC9J?R"#?@B; EE"G@FF@VC90"J"?; B@KK; 9: J>C@9"G?@K">D; " -9BJLJBC>R"#?@B; : A?; T">D; "5J9: J>; : "/?@AL"EDJFF"DJS; "?; 0J?: ">@">D; "G@FF@VC90"KJ>>; ?E=" "

*1^1!"1D;"5J9:J>;:"/?@AL"KAE>"BJ??R"@A>"C>E"-9S;E>C0J>C@9"CAFFR"J9:"KAE>"9@>"?;FR"AL@9"J9R" C9G@?KJ>C@9"ECKLFR"Q;BJAE;"C>"VJE"L?;E;9>;:"J9:"B@9EC:;?;:"VC>DC9">D;"-9BJLJBC>R" LJE>@?J>; "@G">D; "?; K@SJF"@G">D; "K(9CE>; ?XE"(AEL; 9EC@9"JE"EL; BCCC; : "C9"#J?JO?JLD"PIaI^"J9: "MCN" C9E>?AB>"DCKdD; ?">@"OCS; "V?C>>; 9"9@>CB; "@G">D; "?; K@SJF"@G">D; "KC9CE>; ?XE"(AEL; 9EC@9">@">D; " L; ?E@9E"EL; BCCC; : "C9"#J?JO?JLD"PIaI`I"

' IZI! "69F; EE">D; "BJE; "Œ"EAQ_; B>">@"B@KLAFE@?R"J: _@A?9K; 9>"A9: ; ?"#J?J0?JLD"' IaT">D; " (; B?; >J?R"@G">D; "+EE; KQFR"&@KKCEEC@9"EDJFF"JE"E@@9"JE"L?JB>CBJQF; "JG>; ?">D; "JLL@C9>K; 9>"@G" >D; "+EE; KQFR"&@KKCEEC@9="

' IZI!I!"L?@S(:; ">D; "&@9S; 9; ?"J9: ">D; "@>D; ?"K; KQ; ?E"@G">D; "+">O. 2412-9(/2(K)-1(JQ)-22(K)-(R)-15(")

&@KK(EEC@9">D; ": @BAK; 9>ET"E>J>; K; 9>E"J9: "C9G@?KJ>C@9"?; YA; E>; : T"VD; ?; AL@9">D; " (; B?; >J?R"EDJFF"G@?>DVC>D"L?@SC: ; "B@LC; E">D; ?; @G"G@?">D; "&@9S; 9; ?"J9: ">D; "@>D; ?"K; KQ; ?E"@G" >D; "+EE; KQFR"&@KK(EEC@9I"

' I[IZ"+E"E@@9"JE"L@EE(QF; "JG>; ?">D; "; <LC?J>C@9"@G"EABD"L; ?C@: "@G"ZD": JRE"?; G; ??; : ">@"C9" #J?J0?JLD"' I[I!I">D; "(; B?; >J?R"@G">D; "+EE; KQFR"&@KKCEEC@9"EDJFF"L?@SC: ; "; JBD"#J?>R"V(>D" B@LC; E"@G">D; ": @BAK; 9>EI"E>J>; K; 9>E"J9: "C9G@?KJ>C@9": ; FCS; ?; : "QR">D; "@>D; ?"#J?>R"A9: ; ?" #J?J0?JLD"' I[I!I"

' I[I["1D; "#J?>C; E"EDJFF"?; EL@9: ">@">D; "?; EL; B>CS; "C9SC>J>C@9E"B@9>JC9; : "C9"#J?J0?JLDE"' IZIZI]" J9: "' IZIZI^"9@"FJ>; ?">DJ9"Z! ": JRE"L?C@?">@">D; ": J>; "E; >"C@?">D; "2; J?C90"J9: "B@LC; E"@C"; JBD" #J?>RXE"?; EL@9E; "EDJFF">D; ?; AL@9"Q; "E; 9>"QR">D; "(; B?; >J?R"@C">D; "+EE; KQFR"&@KKCEEC@9">@" >D; "@>D; ?"#J?>RI"

' I]"2JSC90"C9"KC9: ">D; "E>J>; K; 9>"?; 0J?: C90"L?@L; ?"; <L; : C>C@9"E; >"@A>"C9"#J?J0?JLD"+IZI! "QA>" >J\C90"JBB@A9>"@C">D; "9; ; : "C@?">D; "#J?>C; E">@"KJ\; ">D; C?": A; "L?; LJ?J>C@9E"C@?">D; "2; J?C90I" >D; "(; B?; >J?R"@C">D; "+EE; KQFR"&@KKCEEC@9"EDJFFT"VD; 9"C>"E; ; KE"K@E>"JLL?@L?CJ>; ">@" DCKdD; ?="

' I]I!"B@9EAF>"VC>D">D; "&@9S; 9; ?"J9: ">D; "@>D; ?"K; KQ; ?E"@C">D; "+EE; KQFR"&@KKCEEC@9"JE">@" J"EAC>JQF; "S; 9A; I": J>; "J9: ">CK; "C@?">D; "2; J?C90"J9: I"VD; ?; "L@EECQF; I"VC>D">D; "#J?>C; E"JE">@"J" EAC>JQF; ": J>; "J9: ">CK; "C@?">D; "2; J?C90"J9: I"DJSC90"E@"B@9EAF>; : I": ; BC: ; ">D; ?; AL@9"J9: "

'I]!] T (E) -116 (?)-17 (@) -4 (L)@ (9)">(") -2 (V) -2 (Q) -3 ((") -2 (:) -3 (J) -9 ((?) -3 (@ (9))(J) -9 ((?)

>DJ>">D; R"A9:; ?E>J9: ">D; "; SC:; 9>CJF"; GG; B>"@G">D; "J0?; ; K; 9>"?; JBD; : "QR">D; K"JE"E; >"@A>"C9"

' IaIZI^"Jff": ?A0E3"J9: ": ?C9\3?; FJ>; : "@GG; 9B; EI"

' IaI ["-G">D; "BJE; "GJFFE"VC>DC9">DCE"#J?J0?JLD"' IaT">D; "(; B?; >J?R"@G">D; "+EE; KQFR"&@KKCEEC@9" EDJFFT"JE"E@@9"JE"L?JB>CBJQF; "JG>; ?">D; "JLL@C9>K; 9>"@G">D; "+EE; KQFR"&@KKCEEC@9T"9@>CGR">D; " #J?>C; E"@G">D; "B@KLAFE@?R"J: _@A?9K; 9>"@G">D; "BJE; I"

' IaI]"->"EDJFf"Q; ">D; "?; EL@9E(QCF(>R"@G">D; "5J9: J>; : "/?@AL">@"L?@BA?; "J": AFR"B; ?>CGC; : "&@A?>" ?; B@?: "@?"K; K@?J9: AK"@G">D; ": ; BCEC@9"@G">D; "B?CKC9JF"@?"BCSCF"B@A?>"C9"B@99; B>C@9"VC>D"J9R" EABD"BJE; "J9: ">@"F@: 0; "C>"VC>D">D; "(; B?; >J?R"@G">D; "+EE; KOFR"&@KKCEEC@9T"

' IbI^"+9R"(J(fA?; T"A99; B; EEJ?R": ; FJR"@?"@QE>?AB>(@9"@9">D; "LJ?>"@G">D; "K(9(E>; ?"(9"B@KLFR(90" V(>D">D; "?; YA(?; K; 9>E"@G"#J?J0?JLD"' IaI`I"

п

' Ibl`"1D; ">; ?KE"@G"J9R"&JA>&@9"KL@E; : "@9">D; "KC9CE>; ?"J>">D; "&JA>&@9"(>J0; "J9: ">D; " KC9CE>; ?gE"?; JB>&@9">D; ?; >@T"LJ?>&BAFJ?FR"&9">; ?KE"@G"DCEdD; ?"L; ?&@?KJ9B; "J9: ">D; "F; S; F"@G" DCEdD; ?"?; EL@9E; ">@">D; "&JA>&@9": A?&90">D; "L; ?&@: "VDCF; ">D; "&JA>&@9"VJE"&9"LFJB; I"

' ICI! "1D; "+EE; KQFR"&@KKCEEC@9"DJE"9@"L@V; ?">@"JBB; L>">D; "S@FA9>J?R"?; EC09J>C@9"@C"J" KC9CE>; ?I"+"KC9CE>; ?"KJR"D@V; S; ?"J>"J9R">CK; ": A?C90">D; "*CEBCLFC9J?R"#?@B; EE"J9: "@C"DCEdD; ?" @V9"C?; ; "VCFF"KJ\; "J"V?C>>; 9"E>J>; K; 9>">@">D; "+EE; KQFR"&@KKCEEC@9"J: KC>>C90">D; "?A>D"@C" E@K; "@?"JFF"@C">D; "CJB>E"@?"BC?BAKE>J9B; E"JFF; 0; : I"@9">D; "QJECE"@C"VDCBD">D; "+EE; KQFR" &@KKCEEC@9"V@AF: "B@9EC: ; ?"C>"B@??; B>">@"KJ\; "J": ; BCEC@9">@": ; F; >; "A9: ; ?" YA; E>C@9">D; "KC9CE>; ?"@?"J9R"@G">D; "VC>9; EE; E"9@?"L?; E; 9>">D; "KC9CE>; ?XE"?; EL@9E; "9@?">J\; " J9R"JB>CS; "LJ?>"C9">D; "2; J?C90I"

' I! eI! IZ"-G">D; "KC9CE>; ?"; F; B>E">@"C9SC>; ">D; "JBB@KLJ9RC90"L; ?E@9">@"L?; E; 9>">D; "KC9CE>; ?KE" ?; EL@9E; I">D; "KC9CE>; ?"VCFF"9@>"Q; "L; ?KC>>; : "C9">D; "C9>; ?; E>E"@G">D; "O@@: "@?: ; ?C90"@G">D; " L?@B; : A?; E"J>">D; "2; J?C90">@"YA; E>C@9">D; "VC>9; EE; E"9@?"L?; E; 9>">D; "?; EL@9E; " DCKE; FCdD; ?E; FCI"

' I! eI! I ["1D; "+EE; KQFR"&@KKCEEC@9"KJR"J>"C>E": CEB?; >C@9": ; LJ?>"G?@K">D; "E>?CB>"JLLFCBJ>C@9"@G" #J?J0?JLDE"' I! eI! I! "J9: "' I! eI! IZ"QA>"@9FR"E@"F@90"JE">D; "JBB@KLJ9RC90"L; ?E@9": @; E"9@>"JB>"

+9R"@>D; ?"L; ?E@9"QR">D; ": C?; B>C@9"@C">D; "+EE; KQFR"&@KKCEEC@9"J9: "VC>D"L?C@?"
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п

' I! ZIZ"1D; "(; B?; >J?R"@G">D; "+EE; KQFR"&@KKCEEC@9"EDJFF"MA9F; EE"; <BFA: ; : "G@?"?; JE@9E" EL; BCGC; : "C9"#J?J0?JLD"&I [I! N"J>>; 9: ">D; "2; J?C90"G@?">D; "LA?L@E; "@G"OCSC90"EABD"L?@B; : A?JF" J: SCB; ">@">D; "+EE; KQFR"&@KKCEEC@9"JE"KJR"Q; "JLL?@L?CJ>; "J9: "@G"; 9EA?C90"B@KLFCJ9B; "VC>D" #J?J0?JLD"' I! ZI]I"(dD; "EDJFF"9@>"Q; "L?; E; 9>"VD; 9">D; "+EE; KQFR"&@KKCEEC@9": ; FCQ; ?J>; E"J9: " :; BC: ; E"@9">D; "BJE; I"

' I! ZI["-9">D; "; S; 9>">DJ>">D; "(; B?; >J?R"@G">D; "+EE; KQFR"&@KKCEEC@9"BJ99@>"G@?"J9R"?; JE@9"Q; " L?; E; 9>"J>">D; "2; J?(90T">D; "+EE; KQFR"&@KKCEEC@9"EDJFF"C>E; FG"JLL@C9>"EABD"L; ?E@9"JE"C>" B@9EC: ; ?E"JLL?@L?(J>; ">@": ; LA>CE; "G@?"DCKdD; ?"G@?">DJ>"LA?L@E; T"JEB; ?>JC9C90"Q; G@?; DJ9: " >DJ>"EABD"L; ?E@9"CE"9@>"; <BFA: ; : "G@?"?; JE@9E"EL; BCCC; : "C9"#J?J0?JLD"&I[I!I""(ABD"L; ?E@9"EDJFF" BJ??R"@A>">D; ": A>C; E"E; >"@A>"C9"#J?J0?JLD"' I! ZIZ"QA>"EDJFF"9@>"Q; "L?; E; 9>"VD; 9">D; "+EE; KQFR" &@KKCEEC@9": ; FCQ; ?J>; E"J9: ": ; BC: ; E"@9">D; "BJE; I"

' I! ZI] "1D; "(; B?; >J?R"@G">D; "+EE; KQFR"&@KKCEEC@9"@?"DCEdD; ?": ; LA>R"EDJFF"L?; LJ?; "J" EAKKJ?R"KC9A>; "@G">D; "L?@B; ; : C9OE"J>">D; "2; J?C9O"N>D; "(; B?; >J?RXE"KC9A>; NI"OD; ?; " L@EECQF; I"J"S; ?QJ>CK"?; B@?: "@G">D; "L?@B; ; : C9OE"EDJFF"JFE@"Q; "KJ: ; "QR"; F; B>?@9CB"?; B@?: C9O"@?" QR"EABD"@>D; ?"K; J9E"JE"EDJFF"Q; ": C?; B>; : "QR">D; "&@9S; 9; ?"@C">D; "+EE; KQFR"&@KKCEEC@9I"1D; " \$; B@?: "@G">D; "2; J?C9O"EDJFF"B@9ECE>"@G">D; "(; B?; >J?RXE"KC9A>; ">@0; >D; ?"VC>D"J9R"EABD" S; ?QJ>CK"?; B@?: T"VDCBD"EDJFF"Q; ">?J9EB?CQ; : "C9">D; "; S; 9>"@C"J9"JLL; JFI"

' I! [I! "1D; "B@9: AB>"@G">D; "2; J?(90"(E"(9">D; "DJ9: E"@G">D; "+EE; KQFR"&@KK(EEC@9"J9: T"EAQ_; B>" >@">D; "+EE; KQFR"&@KK(EEC@9XE"@S; ??(: (90": CEB?; >C@9T">D; "@?: ; ?"@G"L?@B; : A?; "EDJFF"Q; "JE" G@FF@VE="

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' I! [I["-G">D; "K(9CE>; ?"CE"L?; E; 9>C90"DCEdD; ?"@V9"BJE; T"EdD; "EDJFF">D; 9"Q; "OCS; 9">D; " @LL@?>A9C>R">@"L?; E; 9>"DCEdD; ?"; SC: ; 9B; "C9"L; ?E@9T"G@FF@VC90"VDCBD"EdD; "CE">D; 9"@L; 9">@" YA; E>C@9C90"QR">D; "EL@\; EL; ?E@9"G@?">D; "5J9: J>; : "/?@ALI"

'I! [I]"-G"J"EL@\;EL;?E@9"CE"JLL;J?C90"G@?">D;"KC9CE>;?I">DJ>"EL@\;EL;?E@9"EDJFF"Q;"OCS;9">D;" @LL@?>A9C>R"@G"YA;E>C@9C90">D;"KC9CE>;?I"VD@"EDJFF">D;9"Q;"@L;9">@" ; SC: ; 9B; ">DJ>"VC>9; EE"EDJFF">D; 9"Q; "@L; 9">@"YA; E>C@9C90"QR">D; "EL@\; EL; ?E@9"G@?">D; " 5J9: J>; : "/?@ALI"

' I!]I! "1D; "K; KQ; ?E"@G">D; "+EE; KQFR"&@KKCEEC@9"EDJFF"Q; "; 9<\F; : ">@"JE\"YA; E>C@9E"J9: "JFE@" >@"C9>; ?_; B>": A?C90">D; "; <JKC9J>C@9"@G"VC>9; EE; E"CG">D; R"B@9EC: ; ?">D; "YA; E>C@9C90">@"Q; " @LL?; EECS; "@?"CKKJ>; ?CJF">@">D; "KJ>>; ?"C9"DJ9: "@?"CG"G@?"J9R"@>D; ?"?; JE@9">D; R"B@9EC: ; ?"C>" JLL?@L?CJ>; "E@">@": @I"

' I!]IZ"#; ?E@9E"VD@"DJS; "JF?; J: R"Q; ; 9"YA; E>0@9; : "KJR"Q; "JE\; : ">@"J9EV; ?"GA?>D; ?" YA; E>0@9E"FJ>; ?"C9">D; "2; J?090"C0"C>"JLL; J?E">@">D; "+EE; KQFR"&@KK0EE0@9">DJ>">D0E"V@AF: "Q; " D; FLGAF"J9: "JLL?@L?0J>; "C9">D; "B0?BAKE>J9B; EI"

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' I! a". @"L; ?E@9"JLL; J?(90"(9"J9R"BJLJB(>R"Q; G@?; ">D; "+EE; KQFR"&@KK(EEC@9"J>">D; "2; J?(90" NJE": CE>(9B>"C?@K">D@E; "E; ?S(90">D; "+EE; KQFR"&@KK(EEC@9"(9"B@KLF(J9B; "V(>D"#J?J0?JLD" ' I! ZI]N"EDJFF"KJ\; "J9R"?; B@?: "@("J9R"LJ?>"@(">D; "L?@B; ;: C90E"J>">D; "2; J?(90"QR"K; J9E"@("J9R" >JL; "?; B@?: C90"ERE>; K"@?"@>D; ?"K; BDJ9(BJF"@?"; F; B>?@9(B"?; B@?: C90": ; SCB; "@?"ERE>; KI"

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F A C

п

)I!I!")@ff@V(90">D; "B@9BfAE(@9"@G">D; "2; J?(901">D; "+EE; KQFR"&@KK(EE(@9"EDJFFT"JFF"K; ;>(90") >@0; >D; ?"QA>"(9">D; "JQE; 9B; "@G">D; "#J?>(; ET"B@9E(: ; ?">D; "; S(: ; 9B; "D#(TJT(?(")7(Q)(T)CFD. OO3(; ?))17?E/O.

)I`I!"+>">D; "EJK; ">CK; "JE"EdD; "E; ?S; E"@9">D; "KC9CE>; ?"J9: ">D; "5J9: J>; : "/?@AL">D; "

II

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/I^I["1@"; 9EA?; ">DJ>">D; "JLL; JFE"L?@B; EE"CE"K@S; : "JF@90"C9"J">CK; FR"KJ99; ?T"J9R". @>CB; "@G" %Q_; B>C@9"?; B; CS; : "@A>EC: ; ">D; "L; ?C@: "JFF@V; : "VCFF"9@>"9@?KJFFR"Q; "B@9EC: ; ?; : "A9F; EE"S; ?R" 0@@: "?; JE@9"BJ9"Q; "ED@V9"G@?"C>E"FJ>; ": ; FCS; ?RI"

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/I^I`"-6">D; R"ALD@F: ">D; "@Q_; B>C@9T">D; "/; 9; ?JF"(; B?; >J?R"EDJFF"E; ?S; "9@>CB; ">D; ?; @6"@9">D; " @Q_; B>@?T">D; "L; ?E@9">@"VD@K">D; "@Q_; B>C@9"VJE">J\; 9"J9: ">D; "@>D; ?"#J?>R"@9"VD@K">D; " . @>CB; "EL; BCCC; : "C9"#J?J0?JLD"/I^I! "VJE"E; ?S; : I"

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/IbI["+9R"V?C>>; 9"VJ?9C90"CEEA; : I"C9BFA: C90"J"B@LR"@G"J9R": C?; B>C@9"CEEA; : ">@">D; "(R9@: " 5@: ; ?J>@?d/; 9; ?JF"+EE; KOFR"\$; L?; E; 9>J>CS; I"

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/Ibl`"1D;". @>\$B;"@{"+LL;JFT"B@9>J{9{90">D;"0?@A9:E"{@?">D;"JLL;JFT"

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/lblc"1D; "\$; B@?: "@G">D; "2; J?(90I"M(; ; "#J?J0?JLD"' I! ZI]N"

п

/Ic"1D; "+LL; JFE"&@KK(EEC@9"VD; 9"B@9E>C>A>; : "EDJFF"B@9EC: ; ?">D; "G@FF@VC90"KJ>>; ?E="

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21Z1!"(;?\$CB;"@G"J9R": @BAK;9>"?;YAC?;:">@"Q;"E;?\$;:"@9"J9"C9:C\$C:AJF"EDJFF"Q;":;;K;:">@" DJS;"Q;;9"L?@L;?FR";GG;B>;:"C9"J9R"@G">D;"G@FF@VC90"VJRE="

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21Z1! IZ"PR": ; f(S; ?(90">D; ": @BAK; 9>"@?"E; 9: (90"C>"QR"6C?E>"BFJEE"L?; 3LJC: "L@E>"@?"QR"\$; B@?: ; : " *; f(S; ?R"L@E>"J: : ?; EE; : ">@">D; "FJE>"\9@V9"J: : ?; EE"@G">D; "C9: CSC: AJF">@"Q; "E; ?S; : "C9"J"E; JF; : " ; 9S; f@L; "J: : ?; EE; : ">@">DJ>"C9: CSC: AJFI"

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2IZIZ"(; ?\$CB; "@G"J9R": @BAK; 9>"?; YAC?; : ">@"Q; "E; ?\$; : "@9"J9R"5J9: J>; : "/?@AL"EDJFF"Q; " : ; ; K; : ">@"DJS; "Q; ; 9"L?@L; ?FR"; GG; B>; : "C9"J9R"@G">D; "G@FF@VC90"VJRE="

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2IZIZIZ"PR": ; F(S; ?(90">D; ": @BAK; 9>"@?"E; 9: (90"C>"QR"6(?E>"BFJEE"L?; 3LJ(: "L@E>"@?"QR"\$; B@?: ; : " *; F(S; ?R"L@E>"J: : ?; EE; : ">@">D; "L; ?E@9"?; G; ??; : ">@"(9"#J?J0?JLD"2IZIZI! "J>">D; "J: : ?; EE" EL; BCCC; : "(9"EABD"9@KC9J>C@9"@?I"(9">D; "JQE; 9B; "@C"EABD"9@KC9J>C@9I"J>">D; "J: : ?; EE"OCS; 9"(9" >D; "\$; G; ??JF". @>CB; I"

21Z1Z1["-9"EABD"@>D; ?"KJ99; ?"JE">D; "+EE; KQFR"&@KKCEEC@9"@?">D; "+LL; JFE"&@KKCEEC@9"MCG" E; ?SCB; "?; FJ>; E">@">D; "+LL; JFE"#?@B; : A?; N"KJR": C?; B>"DJSC90"?; OJ?: ">@">D; "BC?BAKE>J9B; EI" "

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