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P>+; D&)"DC+"_+?"@9&; *&@'+: "7)"*7; 7\$&*: "%; >"UC%D"97'+DC+?"@'%?"&; "&; >&V&>8%"F+C%V&790"\$%9_+D"&; D+9%*D&7; : "%; >" 78D*7\$+:G"
N; >+9:D%; >"DC+"97'+7)"*7; 7\$&*"\$7>+': "%; >"C7U"DC+?"C+'@&; ":D8>?&; A"\$%*97+*7; 7\$&*"\$d8+:D&7; :G"
07\$@9+C+; >"DC+"97'+7)":@+*8%'&H%D&7; "%; >"D9%>+&; "A+; +9%D&; A"+*7; 7\$&*"+))&*&+; *&+:0"UC&'+9+*7A; &H&; A"DC%D"
D9%>+ "%; >"A'7F%'&H%D&7; "%)))+*D"DC+"&; *7\$+ ">&; D9&F8D&7; "U&DC&; ":7* &+D&+:G"
N; >+9:D%; >"C7U"&; *7\$+:0"78D@8D0"@9&*+:0"8; +\$@'7?;\$+; D"%9+ ">+)&; +> "%; >"\$+ %: 89+>G"
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N; >+9:D%; >"UC?"DC+9+"%9+"F8:&; +: : "*?*" +: "&; "DC+"*7; 7\$?"%; >"UC%D"97'+: "\$7; +D%9?"%; >)"&: *%'"@7'&* &+: "%%; "@'%?" &; "\$&D&A%D&; A"DC+&9"%>V+9: + "+)))+*D:G"

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>+V+'7@%"@7:W&V+%"; >":8@>79D&V+"+; V&7; \$+; D"%; >"U&""F+"*789D+78:"D7")+ '7U":D8>+; D: "%; >"?789"&; :D98*D796"8S8+"D7"DC+"
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%; "F+"\$&.&; D+9@9+D+>G"K7"@'+%:"DC&; _DU&+"F+)79+"?78"C&W":8F\$&W6"

2G q++@&W"9+'+V%; D6"LC+9+"%9+"@'%*+: "D7"*C%D"%; >"@7:D")79")8; "+V+9?>%?" :D8))G"57"; 7D":D9%?)97\$ "DC+">&:*8: :&7; "&; "DC+"
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5G L9+%D"@+7@'+ "DC+": %\$+%:"?78"U78'>")%*+3D73)%*+G"P; "7DC+9"U79>:(W& "&:"+%:"?D7"C&>+"F+C&; >"DC+"*7\$@8D+96"P; "
:7\$+"*%: +:Q"W"+\$@7U+9:"@+7@'+ "D7"D9+%D"7DC+9:"&; "U%?:"DC+?"U78'>"; 7D"&; "@+9: 7; G"M+\$+\$F+9"DC+9+"&:"%@"+9: 7; "
F+C&; >"DC+"; %\$+"7; "?789":*9++; G"L9+%D%" "U&C">&A; W?%; >"9+:@+*D"%; >"?78"*%"; "+c@+*D"DC%D"&; "9+D89; G"

4G M+:@+*D"DC+"D&\$+"7)"7DC+9:G"LC&:"*%": :&:"A7&; A"D7"9+d8&9+"?78"D7"U79_"&; "A978@:G"Y+%9; "D7"9+:@+*D"DC+"D&\$+"7)"
7DC+9:"&; "?789"A978@%"; >"?789"+c@+9&+; *+"U&""F+"\$8*C"F+DD+96"Z'U%?:"9+\$+\$F+9"DC%D"?78"9+"; 7D"DC+"7; '?'
@+9: 7; "U&C%" "F8:?" : *C+>8'+Q'F+')'+c&F'+G"57"; 7D"@97*9%:D&; %D+s"j 78"\$%?"F+"7; +"DC%D"U79_: "F+:D"U&C"DC+"
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8):&*_%;>"?78"&V+"7))"*%\$@8:0">7"; 7D"*7\$+"7; D7"*%\$@8:"8; '+::"&; :D98*D+>"F?"%ON"6+%DC*%9+"@97)+:;&7; %/0"79"
8)"?78"&V+"7; 3*%\$@8:0"@'+%:"+'+9D"ON"T78'>+9"=+>&*%"K+9V&"+:G"

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%:_>"79"UC7"9+)8:+"D7"*7\$@?'U&DC"DC+:+"9+d8&9+\$+; D:"U&""F+"9+)+99+>"D7"KD8>+; D"07; >8*D"%;>"07;)&*D"M+:7'8D&7; G"X79"
\$79+&;)79\$%D&7; 0":++"DC+"@7'&*&+:."7; "O(fPS3!1"6+%DC"%;>"K%)+D?"%; >"*%":.977\$F+C%V&79"%;>"DC+"KD8>+; D"07>+"7)"
07;>8*DGP)"?78"9+d8&9+"**7\$7>%D&7; "F+*%8:+"%>&:%F&&D?"@9+V+; D:"?78"97\$)8')&'&; A"DC+:+"%)+D?"\$+%:89+:0"@'+%:"++"
DC+"bZ**7\$7>%D&7; ")79"S&:%F&&D&+:h":D%D+\$+; D"7; "DC&:"?'%F8:G"

T+)79+"9+d89; &; A"D7"*%\$@8:0"'"":D8>+; D:"\$8:D"*7\$@'+D+"DC+"O(fPS3!1"KD8>+; D"6+%DC"%;>#"c@+*D%D&7; :."0789; +G"79+"
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UC7"C%:"D+:D+>"@7:&D&V+"79"79"C%>:"?\$@D7\$:"7)"O(fPS3!1"\$8:D:D%?"C7\$+"%; >"*7\$@'+D+"DC+"6+%DC"o8+:D&7; ; %&9+"%; >
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*%; "F+")78; >"7; "DC+"(P#O"U+F: &D+G"

R'+%:"+ "_; 7U"DC%D")%*8'D?"%; >"&; :D98*D79:"C%V+"%9+:@7; :&F&&D?"D7"&;)79\$ (P#O" UC+; "\$%>+"%U%9+"7)"&; *&>+; D:"7)" :+c8%"
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&; >&V&>8%':"&\$@%*D+>"9+*+&V+"&;)79\$%D&7; "%F78D"7@D&7; :")79"9+@79D& A"%; >:"8@@79D"9+: 789*+:"G"

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%'" :D8>+; D:" UC70" F+*%8:+ " 7)" 9+'&A&78:" 7F'&A%D&7; :0" C%V+" *7;)&*D:" U&DC" :*C+>8'+>"+c%\$:0"%::&A; \$+; D:" 79" 9+d8&9+>"
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8@>%D+"DC+&9+)+99+>"; %\$+:"%; >"@97; 78; : "V&8"DC+":D8>+; D"@79D"l"DC7:+@9+)+99+>"; %\$+:"%; >"@97; 78; : "%9+"&:D+>"7; "
&; :D98*D79:]**%::"97:D+9:G"p; "DC+"%F+:; *+"7)":8*C"8@>%D+:0"DC+"; %\$+"DC%D"%@+%; "7; "DC+"**%::"97:D+9"&:"DC+":D8>+; D:]:"+A%"
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