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\$45546"\$789:" ;9<="\$=5=>:";>=?>4@A"&9B4>C@95C"=D";6E<=:=B6F" GE5?64@C=5".5EH9>:ECF"

IJ" -=H9@K9>"ILIL"

"

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A"!J\J7"

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+\(\@\)9\(\EP45\)"B=\(\EEP4\)"\(^1\)458:P4B9"\(45\)8",\(^1\)C69\(\>9\)D=\(\>9\)"\(\@\)4E5\\F"\(\>9\)F"=5"\(1=\)PV9d:\(^1=\)PE4\('\)"\(P=5\)\(\>4\)P\(^1\)C69\(\>9\)F\\"\#69"\
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C69"E5:CEC7CE=5:"C="R6EP6"R9"C>45:D9>"C6=:9">E?C6C:N"+:"+<C. 2 (=:) - 2 (:) -0. 2418583...2 (9)0.2 (8"KF")]

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K4:EP">E7:06: "E5"488ECE=5"C="C69"9T74<"B=<ECEP4<">E3ECEP4<">E3ECEP4<">E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECEP4<"D>E3ECE

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<sup>&</sup>quot;/>99@45A" A"J^I"

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"34<8>=5A" A"!Ji^"

A"J^J"

<sup>&</sup>quot; JII"

<sup>&</sup>quot;/>99@45A"

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4>9"4"H4\E4K\9"C64C"P45"E5D\795P9"458"@=CEH4C9"E58EHE874\"B=&ECEP4\"89PE:E=5a@4VE5?\\"3 4\8>=5"

D4E\C:"C=":C\9::\"C69"D4PC"C64C"4"B9\S:=54\"P=5P9BCE=5"=D"\SE?6C:"=\"4":=PE9C4\"P=@@EC@95C"C="\SE?6C:"E:"

5=("C69"=5\F"8\SEHE5?"D=\SP9"=D"B=&ECEP4\"89PE:E=5a@4VE5?\\"/\S99@45"P64\APC9\SES9:\"B=&ECEP4\"9T74\ECF\\"

4"D4P9C"=D"K=(6"/\S99@45d:"458" 3 4\8\S=5d:"P=5P9BCE=5:"=D"\89@=P\APF\\"4:"b4"R4F"=D"E5:7\SE5?"C64C"

9H9\S=59\\\:"

"4\Sy9\Sy8\Sy9\Sy8\\"694\S\"458"\C9\Sy9\Sy8\\"694\S\"69\SY\\"/\S9\Sy9\SY\\"\SY\

# \$%" \* (1%" (/", - #% \*%M #M", - "\*% 2% + 1, - k" + "; \* (; % \*") (-)%; #, (-" (/"&% ' () \* +) W" , 5" => 89 > "C = "4::9::"R6EP6": C45P9" = 5" (78EPE4 < ">9HE9R"E: "P => 9PCA"R9" @ 7: C"4::9::"R6EP6": C69 => F" = B9 > 4C9: "REC6E5" 4"B > B9 > "P = 5P9BCE = 5" = D"89 @ = P > 4PFN" + : "/>99 @ 45"B7C: "ECA"b7 < CE @ 4C9 < FA"C69"P4: 9"D => "

A"JJ!Z"

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<sup>&</sup>quot; "1^1"

C69:9">E?6C:"4>9A","P=5P989"C64C":=@9"=D"C69:9">E?6C:A"4C"<94:C"E5"H9>F"K4:EP"=7C<E59A"@E?6C"E5P<789"

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P=5P9EH98\(^1K\)7\(^1\),"8E\(^1P\)7\(^1\):"16E\(^1B\)695\(^2\)99\(@\)45\(^1\)8E\(^1\)99\(@\)45\(^1\)3\(^4\)8\(^3\)3\(^4\)8\(^3\)5\(^1\)4\(^3\)7\(@\)99\(@\)45\(^1\)8\(^1B\)99\(@\)45\(^1\)8\(^1B\)99\(@\)45\(^1\)8\(^1B\)99\(@\)45\(^1\)8\(^1B\)99\(@\)45\(^1\)8\(^1B\)99\(@\)45\(^1B\)99\(^1B\)99\(^1B\)99\(^1B\)99\(^1B\)99\(^1B\)99\(^1B\)99\(^1B\

#\$%") ( -M%p . % - ) %M" ( /" 3 + 1&\* ( -dM" + -&"/\*%% ' + -dM"2,% 3 M" ( -"; ( 1,#, ) M" + <66=7?6"/>99@45d:"P=5P9BCE=5"=D"89@=P>4PF"E:"E894<:CEP"458"7CE<ES9:"4"5=>@4CEH9"<95:A" 

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9H9>F"E58EHE874\"C="K9"P\=(C698"458"D98\n" \\$ 9>9\n" 3 4\8>=5d: "P=5P9BCE=5"=D"B=\ECEP: "E: "C==":E@B\E:CEP\n"
\$E: "7589>: C458E5?"=D"B=\ECEP: "4: "4"@9>9"90B>9:: E=5"=D"8EDD9>E5?"E58EHE874\"P=5P9BCE=5: "=D"\E?6C:"
5=C"=5\F"4:: 7@9: "C64C"4\<"@9@K9>: "=D"89@=P>4CEP": =PE9CE9: "8E: B\4F"4"P=@@EC@95C"C=":=@9"
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=BB=595Cd: "B\45"C=":\4:6"C69"K78?9C"=D"H4\E=7:"?=H9\\$5@95C": 9\HEP9:\n"#69\\$D=\9\n"459"P=7\8"64H9"

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3 6E<9" 3 4<8>=5d:"P=5P9BCE=5"=D"B=<ECEP:"E:"5=C"P=@B<9C9<F"E54PP7>4C9A"6E:"P=5P9BCE=5"=D"
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; \* ( ) %& . \* %M" + - &"#\$%", '; \* (; % \*") ( - ) %; #, ( - " ( / "&% ' ( ) \* + ) W" + M"

% r % '; 1, /, %&"#\$ \* ( . k \$ "G \* ( 3 - "2 N"G ( + \* &" ( / "%& . ) + #, ( - "

+"B>=B9>"P=5P9BCE=5"=D"89@=P>4PF"E:"=59"C64C"4H9>C:"45"=H9>90C95:E=5"=D"E58EHE874<"

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=D"89@=P>4PFA"C6E:"=7CP=@9"=D":C4C9a:B=5:=>98":P6==<":9?>9?4CE=5"R=7<8"K9"P=5:E89>98"

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4<<"VE58:"=D"E5C9>9:C:N","=5<F"7>?9"C64C"4"B>=B9>"P=5P9BCE=5"=D"89@=P>4PF"@ECE?4C9"4?4E5:C"C69"

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\$9\"H=C9"@E?6C"5=C"K9"@=CEH4C98"KF"4"B9\:=54\"H9:C98"E5C9\9:C"D=\"@=59FJ"69\"P=5P9BCE=5"=D"

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5=C"HE\=\4(9"4"B\=B9\)\"P=5P9BCE=5"=D"89\\@=P\4PF"K9P47:9":69\\B=\!"55C\\99\\@E59\\45F\S9\\disp\"+5F\S9\\"E5C9\\=9:"55C\\"

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P=5:CEC7CE=5"E:"4"8=P7@95C"C64C"9@K=8E9:"89@=P>4CEP":=H9>9E?5CFN",C"E:"4"P=5C>4PC74<"4?>99@95C"

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:7P6"P=58ECE=5"E:"C69"9T74<"B>=C9PCE=5"P<47:9"=D"C69"D=7>C995C6"4@958@95C"C64C"E:"488>9::98"E5"

N",5"4"1=PV945":95:9A"EC"95D=>P9:"C69">E?6C:"C64C"B9=B<9"4>9"?>45C98"E5"C69":C4C9"=D"54C7>9"K7C"

(>45:D9>>98"C="C69"?=H9>5@95CN"#67:A"EC"E:"E5"4"?=H9>5@95Cd:"K9:C"E5C9>9:C"C="B>9:9>H9"C69"

P=5:CEC7CE=5N" ( C69>RE:9A"EC:"PECES95:"R=7<8"<9?ECE@4C9<F"?4>59>"4"1=PV945">E?6C"C=">9H=<7CE=5"458"

P=7<8"C6>94C95"C69"?=H9>5@95Cd:"P=5CE5798"90E:C95P9N""

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 "D">E?6C: "9@K=8F"C69":=PE4<"P=5C>4PC"5=CE=5"C64C"D>99"458":=H9>9E?5"

 E58EHE874<: "4>9"4K
 "D=>@"4":F:C9@"=D"?=H9>5@95C"D=>"C69@:9<H9:N" 3 EC6=7C"C69"M7B>9@9")=7>C"

 89PE:E=5"E5"
 A"D=>"E5:C45P9A"EC"P=7<8"K9">94:=54K<F"4>?798"C64C"PECES95:"R=7<8"K9"95CEC</td>

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 @ECE?4C9:"4?4E5:C"E5C9>9:C:"458"@4V9:":7>9"C64C"B9=B<9"8=5dC"D99<"P=@B<9C9<F"4<E954C98"458"P45"</td>
 +SPEEB4C9"E5N"
 =SPEEB4C9"E5N"
 +SPEEB4C9"E5N"
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ME5P9"(78EPE4<">9HE9R"E: "C69"B>4PCEP9"R69>9KF"C69"(78EPE4>F"P45"899@"<4R:"

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",5"909>PE:E5?"(78EPE4<">9HE9RA"(78?9: "8E>9PC<F"894< "REC6"C69"8=P7@95C"C64C"9@K=8E9: "C69" B6E<=:=B6F"=D"1=PV9N"+: "1=PV9"4>?79:A">E?6C: "4>9"C>45:D9>>98"D>=@"C69": C4C9"=D"54C7>9"C="C69"

$$(60\%) #, (-M" + -\&"*\%; 1,\%M"$$

, D"R9"4>9"C="48H=P4C9"D=>"Q78EPE4<">9HE9R"4: "4"@945: "=D"B>=C9PCE5?"4?4E5: C"E58EHE874<"

B=<ECEP4<"89PE:E=5a@4VE5?A"(78EPE4<"89PE:E=5:"4>9"@489"E5"(69"P=5(90C"=D"(78EPE4<"=4(6"458"(78?9:" 4>9":7:P9BCEK<9"C="C69"B7K<EP"4PP=75C4KE<ECF"458"?959>4<"B>E5PEB<9"=D A"0945"04PT79:" \*=7::947d:"C9>@"D=>"4"B9>:=5d:"P=5P9>5"REC6"69>"=R5"B7K<EP":C458E5?N""

G9D=>9"4"()78?9"E:":R=>5"E5C="69>"B=:ECE=5A":69"(4V9:"45"=4C6"=D"=DDEP9"(64C"89:P>EK9:"C69" 7589×FE5?"(69@9:"=D"69>">=<9\\"@=>9":="(645"EC:"<=?E:(EP4<"B>=P987>9\\" (59"=D"(69"B>98=@E545(" C69@9:"E5"C69"()78EPE4<"=4C6"E:"C69"B=<ECEP4<"9T74<ECF"458"9T74<"K4:EP">E?6C:":9P7>98"KF"C69":=PE4<" P=5C>4PC"C>48ECE=5N "#69"(78?9"9@K=8E9:"4":=@9R64C"\*4R<:E45":95:9"=D"(7:CEP9"E5":R94>E5?"C="P=5C>4PC"C=4PCb48@E5E:C9>"\07:CEP9"REC6=7C">9:B9PC"C="B9>:=5:"458"8="9T74<">>E?6C"C="C69"B==>"458"C="C69">EP6Ac " 4DDE>@E5?"4"75EH9>:4<"K4:EP"D>998=@"458"P=5P9EHE5?"=D"9H9>F=59"4:"9T74<:N"#6E:"=406"P455=0" B=::EK<F"P=@B<9C9<F":?74>45C99"C64C"9H9>F"078?9"RE<<"4869>9"C="C6E:"P=5P9BCE=5"=D">E?6C:A"=>"45F"  $=(69)^{\text{E}894} \times (\text{E}P^{\text{H}}:9::@95("=D"(69"B)=B9}") = (9"=D"(78?9:N" \$=R9H9) \times ":E5P9"(78EPE4 \times "89PE:E=5a@4VE5?") = (995("=D"(69"B)=B9) \times (995("=D"$ E: "B>9P9898"KF"45"=4C6"458"E58EHE874<"B=<ECEP4<"89PE: E=5a@4VE5?"E: "5=CA"C69"D94>"4?4E5:C"078?9:" E5:9>C ,C"P45":E@E<4×F"K9"4>?798"C64C"()78?9:"4>9"8E:B=:98"C="488>9::"T79:CE=5:"E5"C9>@:"=D"4" 078EPE4<"9C6=: "E5"4"R4F"C64C"4H9>4?9"PECES95: "4>9"5=C"K9P47:9"C69"<=P4CE=5: "E5"R6EP6"078?9: "458" PECES95:"909>PE:9"(69E>"B=<ECEP4<"89PE:E=5a@4VE5?"8EDD9>"D7584@95(4<<FN"#69>9"E:":CE<\"4"K>=48" 90B9PC4CE=5"4@=5?"E5:CEC7CE=5:"C64C"C69F"P4>>F"=7C"C69E>"89PE:E=5:">9:B=5:EK<FA"K7C"(078?9:"4>9" :7KQ9PC"C="4"D=>@"=D"4PP=75C4KE<ECF"C64C"P455=C"K9"?959>4C98"HE4"9<9PC=>4<"B>9::7>9N"\*=7::947" 4PP=750: "D=>":7P6"4"B695=@95=5"RE06"b Ac"6E:"(9>@"D=>"(69"b:9<DaE5(9>9:C98"8>EH9A" P=5P9>598"REC6"P=@B4>4CEH9":7PP9::"=>"D4E<7>9"4:"4":=PE4<"K9E5? g "eC64Cf"@4V9:"4"P95C>4<"E5C9>9:C"

A"JJ!Z"

<sup>&</sup>quot;b#6E:"D4@E<F"=D"E894:"a"9T74<"D>998=@A"9T74<">E?6C:A"458"9T74<"B=<ECEP4<"B4>CEPEB4CE=5"a"E: "P95C>4<" C="C69"54C7>4<">E?6C: "C69=>F"=D"C69":=PE4<"P=5C>4PC"C>48ECE=5"=D"1=PV9A" s 45CA"458"\*=7::947A"458"C=" C69"@=89>5"H9>:E=5"=D"C64C"C>48ECE=5A"\*4R<:0:"Q7:CEP9"4:"D4E>59::c"X/>99@45A"

) =7>CA"R6=:9"(7:CEP9:":9>H9"<ED9<=5?"(9>@:"458"4>9"4BB=E5(98"KF"(69"B>9:E895(N"#69"P=7>C"@4V9:"4" 89PE:E=5"C64C"89DE5ECEH9<F"89(9>@E59:"C69"=7CP=@9"=D"C69"9<9PCE=5N"

,D"(69"P=7>("R9>9"C="@4V9":7P6"4"89PE:E=5\\"(69F"R=7<8"75E<4C9>4<<F"89PE89"4"B>9:E895(E4<" 9<9PCE=5"458"7589>@E59":9<Da>7<9N"M7P6"4"89PE:E=5"R=7<8"E5H4<E84C9"=59"=D"C69"D7584@95C4<"R4F:" :=H9>9E?5:"4>9"4K<9"C=">7<9"=H9>"C69@:9</h>: "E58EHE874<"B=<ECEP4<"89PE:E=5"@4VE5?N",5"@4E5C4E5E5?" 4":C4C9"R69>9"PECES95:"64H9"4":95:9"=D"H9:C98"D4EC6"E5"E5:CEC7CE=5:A"C>7:C"E5"C69"B>=P9::"=D" E5:CEC7CE=5:":6=7<8"5=C"K9"7589>@E598N"."8="5=C"488>9::"C6E:"5=CE=5"=D"C>7:C"=5"45"E58EHE874<":P4<9N" \*4C69>A"C6>=7?6"C69"<95:"=D"89@=P>4CEP":=H9>9E?5CF"458"C69"4KE/ECF"C="P=5P9EH9"=D"E5:CEC7CE=5:A"," 4>?79"C64C"C6=:9"E5:CEC7CE=5:":6=7<8"K9"C>7:CR=>C6F"E5"=>89>"C=">9@4E5"<9?ECE@4C9"X458"C67:A"E5" 90E:(95P9ZN".D"4"M7B>9@9")=7>C"89PE89:"4"B>=P987>4<"E::79"4K=7("45"9<9PCE=5"=>"45"E::79"4K=7("69" :7K:C45P9"=D"=7>"<9?4<">E?6C:A"C64C"R=7<8"7589>@E59"E58EHE874<"B=<ECEP4<"89PE:E=5"@4VE5?N",D"C69>9" R9>9":7P6"4":EC74CE=54"PECES95:"R=7<8"B<47:EK<F"64H9"4">E?6C"C=">9H=<C\\"/=>@4<<F4\"=59"64:"C69:9" 9T74<"B=<ECEP4<">ECEP4<">E?6C: A"K7C"C69F"4>9"9DD9PCEH9<F"7589>@E598"K9P47:9"45=C69>"95CECF"E: "909>PE:E5?" C64C"B=<ECEP4<"89PE:E=5"@4VE5?"=5"C69E>"K964<DN",5"C69"1=PV945":95:9A"PECES95:d"4KE<ECF"C=" B4>CEPEB4C9"B=<ECEP4<<F"64:"K995":="7589>@E598"C64C"C69F"P=7<8"<9?ECE@4C9<F":4F"bC6E:"E:"5=C"4" 89@=P>4PF"45F@=>9\c"ME5P9"(69F"64H9"4">E?60"(="8909>@E59"(69"E5:CE07CE=5:"(64C"(69F"<EH9"7589>A" C69F"64H9"4">E?6C"C=">9B<4P9"C6E:":F:C9@"=D"?=H9>5@95C"REC6"4"59RA"@=>9"B=<ECEP4<<F"9DD9PCEH9A" =5911"

#69":4@9"D4PC=>:"C64C"@4V9"078EPE4<">9HE9

,"8="5=C"=7CE59"6=R"?=H9>5@95C:":6=7<8"4PCEH9<F"B>=P7>9"<9?ECE@4C9"4>>45?9@95C:"=>"
6=R"@7P6"C="4PCEH9<F"95P=7>4?9"B=<ECEP4<"B4>CEPEB4CE=5N","@9>9<F"4>?79"C64C"?=H9>5@95C:"=7?6C"
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B4>CEPEB4CE=5A"4:"C64C"R=7<8"C>45:?>9::"9T74<"B=<ECEP4<">ECEP4<">ECEP4<">ECEP4<">ECEP4<">ECEP4<">ECEP4<">ECEP4<">ECEP4<">ECEP4<">ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECEP4<ECE

#69"M7B>9@9") =7>C"89PE89:"C64C"C95:"=D"C6=7:458:"=D"@4E<aE5"K4<<=C:"E5"H4>E=7:"P=75CE9:"

E5";955:F<H45E4"C64C"4>>EH98"C6>99"84F:"4DC9>"9<9PCE=5"84F"4>9"C=="<4C9"C="K9"P=75C98N"#69"

P458E84C9"C64C"=>E7E54<<F"R=5"C64C":C4C9"5=R"<=:9:A"CEBBE5?"C69":P4<9"=D"C69"?959>4<"9<9PCE=5"E5"

D4H=>"=D"C69"<=:E5?"P458E84C9N"

## 3 (\*sM"), #%&"

 $bIY". \texttt{NMN"}) = 89"1"^ \ J"a" \ (406: "=D"07: \texttt{CEP9}: "458"078?9: \texttt{Nc"}$ 

A"

600B:\_``RRRN<4RNP=>59<0987`7:P=89`0900`IY`^\JN"+PP9::98"IJ"-=HN"ILILN"

+<(67::9>A" 1=7E:N" N" IN"98A"

![jjN"

+>59:=5A" \* EP64>8N"b% ?4<EC4>E45E: @Nc"

A"98EC98"KF"

%8R4>8" - N"h4<C4A"M7@@9>"IL!JA" '9C4B6F:EP:"\*9:94>P6"14KA"MC45D=>8".5EH9>:ECFA"

IL!JN"

6CCB:\_``B<4C=N:C45D=>8N987`4>P6EH9:`:7@IL!J`95C>E9:`9?4<EC4>E45E:@`N"

G9>(>4@A") 6>E:C=B69>N"b0945"04PT79:"\*=7::947Nc"

A"

98EC98"KF"%8R4>8" - N"h4<C4A" 3 E5C9>"ILILA" ' 9C4B6F:EP:"\*9:94>P6"14KA"MC45D=>8"

. 5EH9>:ECFA"ILILN" A"

600B:\_``B<4C=N:C45D=>8N987`4>P6EH9:`RE5ILIL`950>E9:`>=7::947`N"

 $\%8EC \Rightarrow :A" \$E:C \Rightarrow F"P = @N"b) 69PV:"458"G4<45P9:Nc"$ 

6CCB:\_``RRRN6E:C=>FNP=@`C=BEP:`7:a?=H9>5@95C`P69PV:a458

M) + 1, + 
$$A$$
" + - # ( - , -  $A$ "9 $C$ "4 $<$ N" - %a