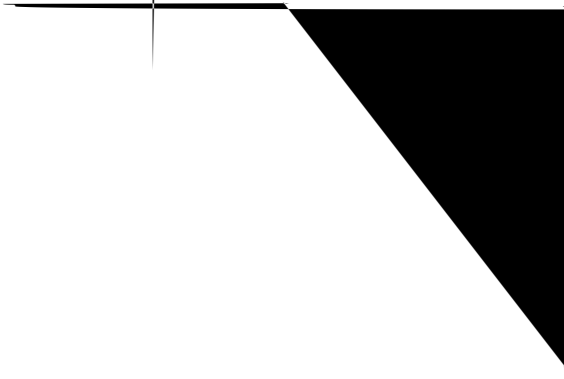


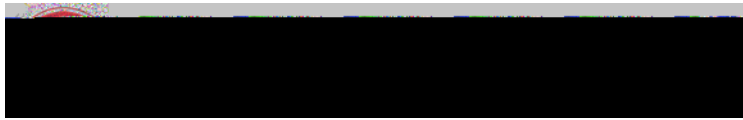


!



!

!



!

"

\$%&' () *%' +, -. /O1"23"4/56"\$1782. 918": 2;7";71"<1. ;18"=>8"48132?1. ;2/6"&23;>8-"/;"

@>5;718. ", 1;7>?23;"A. 2B1832;-C""

, (D%@" , -. /O1E3"@2O>. ", 2613C"(EO"/. "/3323;/ . ;"F8>=133>8"/;" ;71"@/. =>8?"@G7>>6">="

45H62G"4>62G-"/;"I 5J1"A. 2B1832;-C"

4(K%' +"



!

(. "!QQWN(";>>J": 7/;"("G/66"O-">5;0>=0/81/" /3329. O1. ;N"32. G1"O>3;">="O-"
 /3329. O1. ;3": 181"2. "12;718";71"M/83/: "4/G;">8"@>B21;"A. 2>. ";1882;>8-N"/. ?": /3"
 ;7811"-1/83"/3";71"?1F5;- "71/?">=";71"F>62;2G/6"31G;2>. "/;" ;71"1OH/33-"2. "
 D>. ?>. Y ;7>597";71. ("7/?"813F>. 32H262;213"=>8";71"@>B21;" / . ?";71"F>3;0@>B21;"
 /GG>5. ;C"

("G/O1"H/GJ";>"M/372. 9;>. "2. "!QQZN": 1. ;";>": >8J"=>8"@;8>H1"T/6H>;;N"



4(K%' +c1/7W(";72. J";7181": 181"/"G>5F61C"U. 1": /3W";71-"???". >;"311"" 5332/"3"/. "

/?B183/8-"/;"71";2O1C"T7181": /3"/"?13281";>"O>B1";>; /8?3"/. >8O/62V/;2>. ">="

;71"816/;2>. 372Fb"@>"3>O1">=";71";72. 93W3>O1">=";71"3;85G;581";7/;"->5"7/?": 2;7"

;71"@>B21;"A. 2>. W": 2;7"" 5332/"?582. 9";71". 2. 1;213Y =>8"1d/OF61W/"318213">="/8O3"

G>. ;8>6"/9811O1. ;3Y ;71"\$537"/?O2. 23;8/;2>. "G/O1"2. "/. ?"3/2?W'eM7-"?>": 1"

. 11?";723b"(;E3. >;"62J1";71"<>6?"M/8C"L. ?";71. "(";72. J";7/;"7181": /3"/63">

3>O1">FF>8;5. 2;213Y G>56?"->5"37/F1"/"O>81"F>32;2B1"816/;2>. 372Fb(" ;71"3/O1"

: /-";7/;"71"<62. ;>. "/?O2. 23;8/;2>. W": 71. "("; /3"/;"71"m72;1"&>531W";7>597;"

;7181": /3"/. ">FF>8;5. 2;-";>"37/F1"/"816/;2>. 372F"H1"; 11. "M/372. 9;>. "/. ?"

, >3G>: ";7/;">56?"O>B1"->5"H1->. ?"[WW+W]+WWW"/. -"G>. G18. "/H>5;="/662. 9"

H/GJ"2. ;>;71"<>6?"M/8C") >: W";71"=283;"O11;2. 9";7/;">>J"F6/G1"H1"; 11. "

48132?1. ;"\$537"/. ?"48132?1. ;"45;2. ": /3"/G;5/66-"H1=>81("G/O1"H/GJ";>

M/372. 9;>. Y ("9>;7181"/H>5;"/: 11J"H1=>81"[;7128"31G>. ?"O11;2. 9\C(" =/G;W("

9>;7181W("7/?"=>58"?/-3"2. ";71"?1F/8;O1. ;W";71. "("; /3">=";>"*1. >/"=>8";71"

H26/;18/6"O11;2. 9">. ";71"O/892. 3">=";71"*R"/. ?";71. ": 1. ;": 2;7") /;2>. /6"

@1G582;- "L?B23>8"" 2G1";>; >3G>: "/=;18";7/;"C"

\$5;W'H/31?">. ";7/;"=283;"O11;2. 9W";71. ";71">H318B/;2>. 3"2. "91. 18/6Y ;7181"

: /3"/"F183>. /6"G>. . 1G;2>. C(" >56?". >;"7/B1"F81?2G;1?";723"H1"; 11. "/"

G>. 318B/;2B1"3>5;718. "LO182G/. "9>B18. >8"/. ?"/"=>8O18"6215;1. /. ;"G>6>. 16"2. "

;71_*\$C"\$5;(";72. J";7181": /3"/"G71O23;8-";7181Y 7/8?";>"1dF6/2. W'H5;";71-"

311O";>"91;"/6>. 9"a52;1": 166C"

\$%&' () *%' +L. ?": 7/;"???"->5";72. J">="45;2. "/;"7/;"O>O1. ;b""



!

4(K%' +45;2. ": /3"3;266"/"H2;";8-2. 9";>="29581">5;": 7181"71": /3"G>O2. 9"-8>O0"L;"61/3;"

2. 2;2/66-N"2;": /3"G61/8";7/;"71": /. ;1?";>3;/H262V1"" 5332/" /=;18"/"F182>?">=Y 2;": /3"

F81;;-"G7/>;2G"2. ";71"!QQW30(";72. J";7>597W"2. "#WW!N": 1"G>661G;2B16-Y : 1";71"Ac@c"

9>B18. O1. ;Y ???. >:"311";71"3>8;">="/5;7>82;/82/. 23O";7/;"->5"3/: "72O"O>B1"

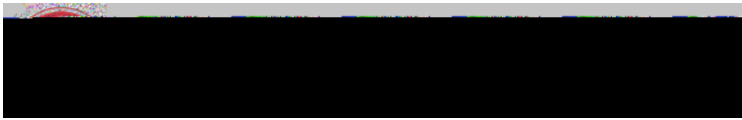
M13;c") >: N": 7/;"58. 1?">5;": /3N"/;"71"1. ?">=";71"?/-N"71": /. ;1?";>"1. 9/91"

: 2;7";71"M13;">. "723";18O3N"/. ?": 71. "2;"H1G/O1"G61/8";>"72O";7/;"723";18O3"

: 181". >:"9>2. 9";>"H1"O1;N": 1"3/: N"=283;N"?82;N": 72G7"H19/. "2. ";71"Ac@c0' 5332/"

816;/2>. 372F"F8>H/H6-"2. "/H>5;"#WWZN"/. ?";71. "F8>H61O3"H192. ";>"F261"5FN"

F/8;2G56/86-"?582. 9";71"31G>. ?"\$537";18O55O. 61O46: 3"H19FN\$77+7+713"H19O5O30386O1"G"H"5



! , (D%@"</."("/3J"\$53;"/"a52GJ"=>66>: 05Fb"I >"->5";72. J";7181E3"3>O1;72. 9"5. 2a51">8"

3F1G2=2G"/H>5;";71"816/;2>. 372F"H1;: 11. ";71"A. 2;1?"@;/;13"/. ?" 5332"/;7/;"

O/J13";7/;"F183>. /6"161O1. ;



20F6101. ;"O233261"?1=1. 31C"U. 1">=";71"F58F>313">=";7/;"=283;"O11;2. 9"2. "
 @6>B1. 2/" : /3";>"=2G2/66-"/. . >5. G1";7/;" ;71"A. 2;1?"@;/;13Y >8"/;"61/3;"=116";71"
 ' 5332/. 3">5;" /H>5;" ;71"A. 2;1?"@;/;13": 2;7?8/: 2. 9"=8>O";71"L\$, C"M7/;"??";71"
 ' 5332/. 3";72. J"/H>5;" ;71"L\$, " : 2;7?8/: /6N"/. ?";71. ">. "/H8>/?18"61B16N": 7-"
 ??";71"\$537"/?O2. 23;8;/2>. "2. 323;">. "9>2. 9"/71/?": 2;7"O233261"?1=1. 31C"

4(K%' +c1/7C(" ;72. J";7181E3";: >"F21G13N"/. ?";71-"F6/-1?">5;"O/-H1"/"62";61"H2;"O>81"3>"
 >B18";71"G>5831">=";71"="/66">="#WW!"C"U. 1": /3"/8O3"G>. ;8>6N": 7/;" : /3"9>2. 9";>"
 7/FF1. N"/. ?";71. " : 7/;"61?";>"1B1. ;5/66-";71"@U' T";81/;-N"/. ?";71">;718": /3"
 O233261"?1=1. 31C"

L. ?"O-"G>. G6532>. "23";7/;" ;71"\$537"/?O2. 23;8;/2>. "\$53;"G/O1"2. N"/. ?">. 1"
 >=";7128"F82>82;213": /3N"iM1E81"9>2. 9";>"?">"3>O1;72. 9">. "O233261"?1=1. 31Cf"4/8;"
 >="2;"F8>H/H6-"81=61G;1?"@1G81;/8-">="I 1=1. 31"[I >. /6?" 5O3=16?C"&1"7/?"
 G7/281?";71"G>OO2332>. "H/GJ"2. "!QQP">8!"QQR";7/;"7/?"G>O1"5F": 2;7";71"
 G>. G6532>. " ;7/;") >8;7"__>81/"[WW+!W+WWW"/. ?"(8/. N": 2;72. "=2B1"-1/83N"O297;"7/B1"
 /. "(<\$, "G/F/H61">="81/G72. 9";71"A. 2;1?"@;/;13Y (" ;72. J";71-": 181"/H>5;"#W"
 -1/83"F81O;/;581">. ") >8;7"__>81"/. ?"3;266"F81O;/;581">. "(8/. C"\$5;" ;7181": /3"/N"
 iM1E81"9>2. 9";>"?">"3>O1;72. 9">. "O233261"?1=1. 31Cf"L. ?"->5"3/: "2;"F6/-">5;"
 : 71. " ;71-"H19/. "?1F6>-2. 9N"2. "#WWZ">8"#WW]N"98>5. ?0H/31?"2. ;18G1F;>83";7/;"
 7/?". >;"9>. 1";78>597"/"=566"8131/8G7"/. ?"?1B16>FO1. ;"/. ?";13;"F8>98/ON": 72G7"
 23": 7-" ;71-"E81"3;266"7/B2. 9"F8>H61O3": 2;7";71O". >: N!"^"-1/83"6;/;18Y ;71-": 181"
 . 1B18"=566-"?1B16>F1?C"

T71" 5332/. "/;;2;5?1": /3";71-": /. ;1?";>"J11F";71"L\$, ";81/;-C(" ;71" /3"
 2. ;1813;2. 9C"T71" 5332/. 3N(" ;72. JN"H>597;2. ;>" ;71"/895O1. ;3";7/;" ;71"A. 2;1?"



@;/;13"O/?1"/H>5";;71"L\$, ";81/;-9>2. 9"H/GJ";>;71"/;1"32d;213"/. ?"1/86-"
 31B1. ;213W[: 72G7\^23";7/;N^H-"G>. 3;8/2. 2. 9"O233261"?1=1. 31N^->5"G81/;1?"/
 32;5/;2>. "2. ": 72G7"H>;7"32?13": 181"B56. 18/H61";>"/"G>5. ;183;82J1"H-";71">;718N"
 /. ?";7/;": /3/"3;/H61"3;8;/;192G"32;5/;2>. C"L. ?";71"" 5332/. 3": >56?";/6J"/H>5;"2;C"
 T71-g?"3/-N^iT723"23"/"G>8. 183;>. 1">="3;8;/;192G"3;/H262;-Cf"L. ?";71-": / . ;1?";>
 F81318B1";71";81/;-C"

(. "=/G;N^("81G/66">. 1"O11;2. 9";7/;";>>J"F6/G1Y ;723": >56?"7/B1"H11. "

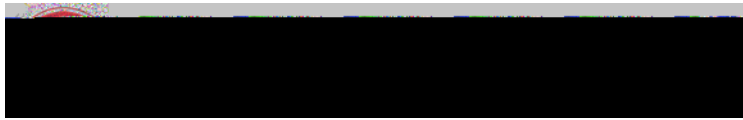
UG;>H18">8") >B1OH18"2. "#WW!C("(;: /3"5F"2. ") 1: "c>8JN"/. ?"2";: /3"553;"H1=>81"
 45;2. "G/O1";>) 1: "c>8JN";71. "G/O1"?>: . ";>"M/372. 9;>. N";71. ": 1. ;";>"T1d/3"
 : 2;7";71"F8132?1. ;C"\$5";;7181": /3/"O11;2. 9"H1;: 11. "3>O1"31. 2>8"Ac@C">=2G2/63"
 /. ?"31. 2>8"" 5332/. ">=2G2/63C"L. ?"(: /3"32;;2. 9";7181"/3"/. >;1";/J18N"/. ?";71"
 ' 5332/. 3"H/32G/66-"3/2?N^iM7/;"?>"->5"LO182G/. 3": / . ;";>"?>b"T166"53": 7/;"->58"
 F6/. 3"/81"/. ?"61;"53";166"->5": 71;718": 1";72. J";7/;";7/;E3"G>. 323;1. ;": 2;7";71"
 L\$, "T81/;-Cf"

, -"358O231"/;";71";2O1": /3";7/;";7181": /3"F187/F3"/"81/?2. 133">. ";71"

F/8;">=";71"" 5332/. "32?1";>"3;81;G7";71";81/;-N^O/-H1"1B1. "G>O1"5F": 2;7"/
 H8>/?18"2. ;18F81;/;2>. ";>"/GG>OO>?;/;1"G18;/2. "F6/. 3C"\$5";;71-"81/66-"???. E;"
 [WW+!#+WW^"91";;71"G7/. G1C"T71"813F>. 31"H/32G/66-"=8>O";71"i 1=1. 31"i 1F/8;O1. ;"
 /. ?";71") /;2>. /6"@1G582;- "<>5. G26": /3N^iM1"F6/. ";>;13;"/. ?"?"1B16>F"/"F8>98/O"
 2. ": /-3";7/;"/81"2. G>. 323;1. ;": 2;7";71"L\$, ";81/;-Cf"T71-": >56?. E;"3/-": 7/;"2;"
 : /3N^3>;71"" 5332/. 3"7/?". >"G7/. G1";>"?1=2. 1"2;"[:7128"81/G;2>. ";>;71"F6/. . 1?"
 Ac@C"F8>98/O\C"L. ?"3>": 7/;": /3"2. ;1813;2. 9";>"O1N^23";7/;";71"" 5332/. 3": 181"
 ;8-2. 9";>=2. ?"/": /-";>"F81318B1";71";81/;-"/. ?"/GG>OO>?;/;1": 7/;";71"\$537"



!



! ;";71"6/3;"O2. 5;1": 7181";71-" : >56?"G>O1";>"M/372. 9;>. N";71-" : >56?"7/B1"/"
=>8O/6"O11;2. 9"2. "M/372. 9;>. "/;";71"M72;1"&>531N"=>8"/. "7>58">8";: >N"S53;";>"
G71GJ";7/;"H>dC"(:; /3"S53;";>. 1">=";71">??";72. 93"/H>5;"?1/62. 9": 2;7";71"
' 5332/. 3C""

\$5;"2;": /3"/;";7/;"O11;2. 9": 7181";71"A@C"F8>F>3/6": /3N"fD>>JN": 1E B1"
?>. 1">58". 5G61/8"F>3;581"81B21: "2. ";71"\$537"/?O2. 23;8;/2>. C"M1"H1621B1": 1"
. 11?"3>O1: 7181"H1;: 11. "!PWW"/. ?"##WW">F18;/2>. /66-"?1F6>-1?"3;8;/192G"
: /871/?3Cf"L. ?";71"F8>F>3/6": /3N"i\$537g66"9">">5;N"/. ?"71g66"3/-";7/;N"/. ?"->5N"
45;2. N"->5"9">">5;"/. ?"3/-": 7/;1B18"->58". 5OH18"23C"T7181"?>13. g;"7/B1";>"H1"/"
62. Jcf") >: N"2;": >56?"7/B1"H11. "2. ;1813;2. 9"7/?"45;2. "3/2?N"iM166N"=2. 1N"(EO"9>2. 9"
;>"9">">5;"/. ?"3/-";7/;"O-". 5OH18"23"XWWW"3;266Cf"\$5;"2;": /3"2OF>8;/;";>"45;2. "
;>"7/B1"/. "/8O3"G>. ;8>6"/9811O1. ;N"/. ?"71"81/66-"F5371?"2;C"L. ?"\$537N": 7>(""
;72. J"/;";723";2O1N"=16;"F81; ;-"9>>?" /H>5;"45;2. Y ;71" 5332/. 3"7/?"813F>. ?1?"2. "
B18-"9>>?": /-3"/=;18"Qj!!C"L. ?"3>="2. /66-N"2. ";7/;"/=66N"\$537"3/-3N"fk2. 1N"61;E3"92B1"
72O"/"3>FN"D1;E3"92B1"72O";71";81/;-";7/;"71": /. ;3Cf"L. ?";71. N">="G>5831N"->5"9>";"
;71"@;8;/192G"U=1. 32B1" 1?5G;2>. 3"T81/;-N": 72G7": /3";: >"F/913"6>. 9C"

(;"3/;23=21?" /"F>62;2G/6". 11?">. ";71"F/8;";>="45;2. N": 7>"81/66-"???. E;"7/B1"
O5G7"G7>2G1C"&1": /3"92B1. ";7/;"2. ";/J102;0>8061/B102;";18O3C"("??>. E;";72. J"2;": /3"
O5G7">="/. "/8O3"G>. ;8>6";81/;-C"("7/?". >"/9811?"?1=2. 2;2>. 3N". >"G>5. ;2. 9"85613N"
. >"B182=2G;/2>. "O1/35813C"41>F61"3/2?N"iM166N";71-"G>56?"816-". "@TL' T"("
B182=2G;/2>. "O1/35813N"H5;";>. 6-"F/8;2/66-N"/. ?"@TL' T"("/G;5/66-"1dF281?";7811"
-1/83"H1=>81"@U' T": /3"?51";>"1dF281C"L. ?";71. "@U' TY 2;3"62O2;3";>>J"=566"1=1G;"



>. ";71"6/3;"[WW+!X+WW"?" /- ">=";71";81/;/-N";71"3/O1"?" /- "2;"1dF281?C" (;": /3"/. ">??"
/9811O1. ;C"

L. ?"2;"311O3";>"O1";7//;N" (;72. J";7181E3"1B2?1. G1Y (. 1B18"F8>B1?";723N"
H5;"("?. E";72. J": 1"/. ?";71" 5332/. 3"G>5. ;1?";71"3/O1";72. 9"5. ?18";71";81/;/-C"
M1"531?";71";18O"i>F18/;2>. /66-"?1F6>-1?NF"/. ?";71"@;/;1"1 1F/8;O1. ;"/G;5/66-"
81F>8;1?"=>8"/. 5OH18">="-1/83";>;71"@1. /;1"/;"71"1. ?">="1/G7"-1/8"/81F>8;"
;7//;3/2?N"iL. ?";7131"/81";71". 5OH18">=">F18/;2>. /66-"?1F6>-1?": /871/?3": 1"
7/?Cf"L. ?";7//;"G>5. ;": /3";71"/G;5/6". 5OH18">=": /871/?3">. "?1F6>-1?"
2. ;18G>. ;2. 1. ;/6"H/6623;2G"O2332613"[(<\$, 3\"/. ?"35HO/82. 106/5. G71?"H/6623;2G"
O2332613"[@D\$, 3\NF653";71". 5OH18">="H>OH3"/. ?"G85231"O2332613"/;"71"/28H/313"
: 7181";71". 5G61/80G/F/H61"H>OH183": 181N"1B1. ";7>597";7>31": 1/F>. 3": 181". >;"
/G;5/66-"?1F6>-1?">. ";71"/28G8/=";C"@>;7//;" /3">58". 5OH18C"T7181"7/?"H11. "/"
. 5OH18">="72. ;3("F2GJ1?"5F"2. ";71"-1/83";7//;"71" 5332/. 3"3/2?N"iUF18/;2>. /66-"
?1F6>-1?Y : 166N"2="2;E3". >;>. "/"?162B18-"3-3;1ON"2;E3". >;"?1F6>-1?Cf"@>;71-"
G>5. ;1?": /871/?3">. "?1F6>-1?"(<\$, 3"/. ?"@D\$, 3N"H5;"("?. E";72. J";71-"
G>5. ;1?";71"H>OH3



!

\$%&' () *%' +L. ?(": /. ;>"91;">"Qj!!"2. "/"31G>. ?"H5;"\$53;">"=>66>: "5F"a52GJY



3;1F3"???"M/372. 9;>. ";/J1";>"81G2F8>G/;1", >3G>: E3"35FF>8;"=>8";71"62H18/;2>. ">="

L=97/. 23;/ . b"

4(K%' +c1/7c"\$-Qj!!N"->5f?"7/?";: >"O11;2. 93"[H1;; 11. ";71"F8132?1. ;3\N"/. ?";71. "

) /;2>. /6"@1G582;-L?B23>8"[<>. ?>611VV/\ " 2G1"7/?"H11. ";>, >3G>: "/. ?";/6J1?"

/H>5;/"=8/O1: >8J"=>8";71"816/;2>. 372F@"@>(";72. J";71"A@@" 5332/"816/;2>. 372F"

: /3"O>B2. 9"2. "/"[WW+#W+WWW"F>32;2B1"?281G;2>. ";71. C""

Qj!!Y ;7181"/81"/. 5OH18">=";72. 93";7/;"7/FF1. 1?c"K283;N";71"1/86-"F7>. 1"

G/66"=8>O"45;2. ": /3"/FF81G2/;1?c"T7181": /3Y / . ?"(f?"71/8?" /H>5;";723N"/6;7>597"

("7/B1";>3/-"2. "O-">=2G2/6"F>32;2>. N(" /3. > ;"/H61";>";8/GJ";723"?>: . Y H5;"

;7181": /3"/"81F>8;";7/;";71"" 5332/. 3"7/?"3G71?561?"3>O1"J2. ?">="/O262;/8-"

1d18G231N">B18";71")



31G>. ?"@5. ?/-/=;18"Qj!!N("=>891;" 7/;"?/;1";7/;" /3Y H1;; 11. "45;2. "/. ?"\$537"
 2. ": 72G7"45;2. "H/32G/66-"3/2?N"fM1": >. E;"3;/ . ?"2. ";71": /-C("=->5": / . ;";>"
 /FF8>/G7";7>31"9>B18. O1. ;3N": 1E81. >;"9>2. 9";>"G/531"F8>H61O3Cf"L. ?";71. "
 F5H62G6-N"71"3/2?";7/;" 2;72. "/"G>5F61">=?/-3C"T7/;"358F8231?"/"6>;">="F1>F61C"
 L. ?";7/;" /3"B18-"2OF>8;/ . ;"H1G/531";7/;" /66>: 1?"5. 2;3";>"?1F6>-";7/;"G>56?"
 ;71. "?>"[WW##WWW\";71"31/8G7"/. ?"813G51"/. ?";71. "?>">;718"35FF>8;">F18/;2>. 3"
 ;>"L=97/. 23;/ . C"

L. ?";7/;" /3"311. "F81;;-"O5G7";78>597>5;" ;71"A@C"9>B18. O1. ;"/3"/"H29"
 913;581"/. ?"/. "2OF>8;/ . ;"913;581"H-";71" 5332/. 3";>"H1"716F=56C"L. ?";7/;"E3">. 1"
 >=";7>31";72. 93";7/;"F8>H/H6-"61?"48132?1. ;"\$537"/"O>. ;7">8"32d": 11J3"6/;18";>"
 3/-N"iD>>JN"45;2. "81/66-N"=>8"723"F>62;2G/6"81/3>. 3"/;"7>O1N"71". 11?3"/;"81/;"-C"
 D1;E3"92B1"72O"/;"81/;"-Cf"T7/;" /3"F/8;">="2;C"

T71"F/8;" ;7/;"???. E;" : >8J">5;"3">: 166": /3";71" 5332/. 3";71. ": 181"7>F2. 9"
 =>8"O>81"G>>F18/;2>. ": 2;7"819/8?3";>;71"G>. =62G;" ;71-"7/?">. 9>2. 9"2. "
 <71G7. -/C"L. ?";71"F8>H61O";7181": /3"32OF6-N": 166N">. 1N": 71. 1B18": 1";/6J1?Y
 : 1N";71"A@C"9>B18. O1. ;Y ;/6J1?"/H>5;"<71G7. -/N("G61/81?">8"/FF8>B1?"
 ;/6J2. 9"F>2. ;3"62J1";723"/66";71";2O1N";71"=283;"F>2. ;": 1"O/?1": /3N"iT71"A. 2;1?"
 @;/;13"35FF>8;3" 5332/g3";1882;>82/6"2. ;1982;-Cf"T71"31G>. ?"F>2. ;": 1"O/?1": /3N"
 iM1"?>. >;"/9811";7/;" ;71"<71G71. 3"7/B1"/"8297";>"5. 26/;18/66-"31G1?1"=8>O"
 ' 5332/Cf"\$5;" ;71";728?"F>2. ;": /3N"iM1";72. J" 5332/. "31G582;-=>8G13N"2. "
 G>. ?5G;2. 9";7128">F18/;2>. 3N. 11?";>"F/-"O>81"/;;1. ;2>. ";>"H/32G"75O/. "
 8297;3Cf"



!

!

!^



! ;8-2. 9";>"H1"35FF>8;2B1">=" 5332/" : 71. "->5E?"71/8"O/33"/;;/GJ3"H-"/28G8/=;"
: 2F2. 9">5;"3O/66"B266/913"/. ?";72. 93"62J1";7/;"L. ?": 1";821?"/"G>5F61";2O13"[;>"
G>O1"5F": 2;7"2?1/3"H1=>81": 1\"=2. /66-"3/2?N"iD>>JN": 1q81". >;"9>2. 9";>"H1"/H61";>"
G7/. 91";71" 5332/. "/FF8>/G7";>"<71G7. -/"T71">. 6-": /-";7/;"->5"G>56?"?>"2;"23"
2="->5": 181"F81F/81?";>"H526?"5F"3>O1"61B18/91"H-": 2;77>6?2. 9";72. 93";71-"
: /. ;"L81"->5"F81F/81?";>"7>6?"5F";71"@U' T";81/;"->8";72. 93"62J1";7/;"b"M1f81"
. >;"/?B>G/;2. 9";7/;"N"5";723"23". >;"3>O1;72. 9": 7181": 1"7/B1"61B18/91C"L. ?"3>"
: 1"=2. /66-"F1835/?1?";71"9>B18. O1. ;7/;" 1": 181. g;"9>2. 9";>"8-";>"=2d";723"
F8>H61ON"/. ?"3;>F";8-2. 9";>"[7>6?"O11;2. 93";>"=2d";71"5. =2d/H61C"
\$%&' () *%' +L. ?"3;/-2. 9N"=>8"/"O>O1. ;N": 2;7"/;"71O1">="G>>F18/;2>. ">. ";7131"
;8/. 3. /;2>. /6"F8>H61O3N"2. "UG;>H18"#WWZ"->5";13;2=21?"H1=>81"<>. 98133">. ";71"
23351">="WW+#X+WW\";8/. 3. /;2>. /6"G82O1"2. "%58>F1": 2;7"/"F/8;2G56/8"=>G53">. "
AJ8/2. 1"/. ?" 5332/"(: /3": >. ?182. 9": 7/;"3>8;3">="/3323;/ . G1"???";71"\$537"
/?O2. 23;8/;2>. ">=18" 5332/";>"G>OH/;">89/. 2V1?"G82O1b"L. ?"???";71"32;5/;2>. "
>. ";71"23351"2OF8>B1">B18";71"G>5831">=";71"\$53



32?10"L. ?": 1";821?";>"O/J1"2;"81/60"T71-": >56?"G>O1";>"M/372. 9;>. N"/. ?": 1"
 : >56?"7/B1";71"71/?">=";71") /;>. /6"<>5. ;18;188>823O"<1. ;180("81O1OH18">. 1"
 ;2O1N": 1"O1;">5;" /;"L. . /F>623"/. ?";71-"[A0@0"G>5. ;18;188>823O">=2G2/63\
 ?23F6/-1?"3>O1"J2. ?">="/G7/8;"7/;" /3"/H>5;"L=97/. 23;/ . "/. ?";71"T/62H/. N"
 ;72. 93"62J1";7/;"L. ?"("3;266"81O1OH18N";71"71/?2. 9">=";71"G7/8;" /3"G6/332=21?"
 TU4"@%<' %Tn<UI %"MU' I +' %D%L@L\$D%" A@@(L0"L. ?"O>3;"F1>F61": 181"
 3;/82. 9"/;"7/;"0"

\$5;"7181": /3";7/;"1=>8;">"8-";>"81/66-": >8J[": 2;7";71" 5332/. 3N"H5;\;71"
 ' 5332/. 3N("=16;N"?2?". >;"81G2F8>G/;10"M1"?2?. E;"7/B1";71"3/O1"61B16">="

 /;;1. ?/. G1">". ;7128"32?1"/;"71"O11;2. 9\0(" /3"O/2. 6-"F1>F61"=8>O";7128"
 1OH/33-0"L. ?"("J. >: ";7181": 181"G>OF6/2. ;3"=8>O">58"95-3";7/;"71-": 181. E;"

 91;;2. 9">F18/;2>. /6"G>>F18/;2>. 0"L. ?"("72. J"[WW+#R+WW\";7181": 181"G>OF6/2. ;3"
 >. ";71" 5332/. "32?1";>>0"L. ?"2;"O/-"553;"H1";7/;"H>;7"32?13N": 71. "2;"G/O1";>";71"
 <(L"/. ?";71"@I ' N"553;"7/?"/"7/8?";2O1"G>>F18/;2. 90"L. ?"O-"353F2G2>. "23";7/;"

 ;7181": 181"3>O1"62. 9182. 9"353F2G2>. 3"/63>"H1";: 11. ";71"K\$(/ . ?";71"K@\$0"@>"

 ;7181": /3"/"723;>8-"3;266";7181";7/;"O/?1";71"J2. ?3">="G>>F18/;2>. ";7/;"F187/F3"
 \$537"/. ?"45;2. ": >56?"7/B1"62J1?";>"7/B1"311. "7/FF1. "\$53;" . >;"F>332H610"

\$%&' () *%' +L. ?";71">;718";72. 9";7/;" /="1G;1?"G>>F18/;2>. "/8>5. ?";723"F182>?"

 3;/8;2. 9"2. "=/66"#WW#N": /3";71"23351">="(8/a0"&>: "?2?";71"(8/a"M/8"/="1G;"816/;2>. 3"
 H1;;: 11. ";71"



!

?82B1. "H-"?>O13;2G"=/G;>83M": 72G7"1dF6/2. 3Y /. ?"(E66"G>O1";>;7//;"F>2. ;"2. "/"

O2. 5;1"/H>5;"45;2. g3"/FF8>/G7C""

L. ?("/63>";72. J";7//;"H>;7"2. ";71"<62. ;>. "/. ?";71"\$537"/?O2. 23;8//2>. 3M"



!

@>;7181": 181"3>O1"/81/3";>;8-";>"91";7/;") LTU0' 5332/"816/;2>. 372F"
H/GJ">. ";8/GJC"\$5;"/9/2. N"/;"7/;"2O1N"1. 6/891O1. ;N": 1"J. 1: ";71" 5332/. 3": 181"
. >;"9>2. 9";>"H1"7/FF-"/H>5;"2;N"H5;";71" 5332/. 3"???". >;"G>O1"5F"7/8?">. ";71"
. 1;"/9/2. 3;"1. 6/891O1. ;N"2. G65?2. 9"/9/2. 3;";71"\$ /6;2G"3;/;13C(":" /3". >;"311. "/3/"
81/66-"?2=2G56;"23351C³"

) >: N": 71. "("6>>J"H/GJ"2. "81;8>3F1G;"/. ?": 1"G/. "G>O1"H/GJ";>;723N("
;72. J">. 1">=";71"F8>H61O3": 1"F8>H/H6-"7/?"2. ";71"Ac@0



!

!

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!

\$%&' () *%' +L. ?"3F1/J2. 9">="AJ8/2. 1N"->5": 181"/OH/33/?>8"



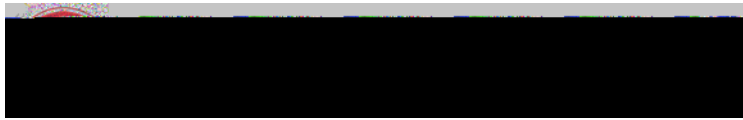
/"A@t"61/. ";>: /8?"c537G71. J>"



!

F>2. ;"2. "#WWZ": 7181"(: /3"/3J1?"/H>5;" ;71"G>O2. 9"161G;2>. N"/. ?"("3/2?N"iT723"23"
 AJ8/2. 1E3"161G;2>. C"T71"L0182G/. "2. ;1813;"23";>"311"/"?1O>G8/;2G">5;G>O1N"/. ?"
 : 1E66"35FF>8;" : 7>1B18"AJ8/2. 1"G7>>313Cf"L. ?";71. "("/??1?"/6/. 95/91"(E?"531?"
 H/GJ": 71. "(" : /3"2. "_-2Bc"iU="G>5831N": 1"7>F1";7/;" ;71"161G;2>. ": 266"F8>?5G1"
 =>8G13";7/;" : 266"H1"2. ;1813;1?"2. "7/B2. 9"/"9>>?"816/;2>. 372F": 2;7";71"M13;Nf"
 : 72G7"3;85GJ"O1"/3". > ;"F/8;2G56/86-"G>. ;8>B1832/6C"L. ?"("9> ;"/"G/66";71. 1d;"?/-"
 =8>O"LOH/33/?>8"&18H3;"3/-2. 9N"i461/31"?8>F";7/;"62. 1"H1G/531": 7/;"g3"71/8?"
 7181"23";7/;" : 1"35FF>8;"c537G71. J>Cf"L. ?"("3/2?N"iUJ/-N"F>2. ;"/J1. N"(: 266"?8>F"
 ;7/;"62. 1Cf""

@>: 1";821?";>"H1"F81;;-"G/81=56C"(:72. JY . >: N"/9/2. N";723"23": 7181"("91;/"
 62;;61"H2;"O>81"2. ;>"358O231"[32. G1"(: /3"61/B2. 9"9>B18. O1. ;"318B2G1W"H5;"(
 /G;5/66-"7/?"/"6>;>="G>. B183/;2>. 3": 2;7"F1>F61"/;" ;71";2O1Y (" ;72. J";71"A@C"
 9>B18. O1. ;" : /3"358F8231?"H-";71"U8/. 91"" 1B>65;2>. C "(" ;71"U8/. 91"
 ' 1B>65;2>. \""G/597;" ;71O"[A@C">=2G2/63\">="95/8?C"T71-"???". > ;"/. ;2G2F/;1";7/;"
 ->5E?"7/B1";71". 5OH183"[>="AJ8/2. 2/. 3\9>2. 9"2. ;> ;71"3;811;3"[2. "F8>;13;\C"L. ?"
 ;71. ";71"A@C"9>B18. O1. ;"???"O>B1="/286-"a52GJ6-C"L. ?";71"H29"3;1F": /3"
 [WW+]#WW\Y 61;E3"311N"[@1. /;>8\



!

a513;2>. 3"/H>5;" ;71"161G;2>. C"(;" : /3"F81;; -"G61/8N(" ;72. JN";7/;"c/. 5J>B-G7g3"

=>8G13"7/?"3;>61. " ;71"161G;2>. C"\$5;" /9/2. N"2;" : /3"/"81/G;2B1"A@t



! ;71"S>2. ;"3;/;1O1. ;\N"71"3/2?N"i



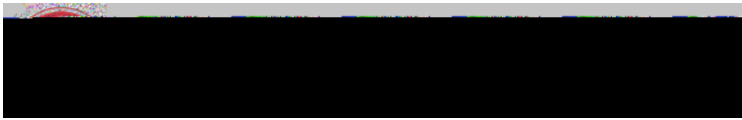
!

35002;"O11;2. 9";7/;">>J"F6/G1"2. "</OF"l /B2?"2. "@1F;1OH18">=#WWZC"L. ?"2;"
 : /3/"623;">="/H>5;"O/-H1"#^">8"ZW"233513N"233513";7/;" : 181"F8>H61O3"H1";: 11. "
 M/372. 9;>. "/. ?"[WW+]R+WW\", >3G>: C"T7131": 181"233513";7/;" : 1": >56?"62J1";>"
 813>6B1C"L. ?"3>": 1": >56?"?1=2. 1";71"23351C"M1": >56?"31;"/";2O162. 1Y 2. "3>O1"
 G/313";7811"O>. ;73">5;N"2. "3>O1"G/313"/"-1/8">5;Y =>8"813>65;2>. C""

T71"2. . >B/;2>. ";>"O-"O2. ?": /3": 1": >56?" ;71. "3/-N">. ";723"23351"

5. ?1831G81;/8-">="3;/;1">7. "\$>6;>. "/. ?"?"1F5;-"=>8129. "O2. 23;18"@18912"

[_236-/J\C"\$5;"2;". /O1?";7>31"813F>. 32H61"=>8"813>6B2. 9";71"23351\C"L. ?"=8>O"O-"
 F183F1G;2B1N";71"Ac@C0' 5332/"816/;2>. 372F"7/?"3>"O/. -"/91. G213"2. B>6B1?Y ;7181"
 : 181"3>"O/. -"1a52;213N"/. ?"2. "3>O1"G/313N"19>3N"2. B>6B1?C"[T71" 5332/"?13J"/;"



O2331?L. ?(" /3"G/662. 9">. ";71"F7>. 1Y (";72. J"2;": /3"T>O"*8/7/O"/. ?"I /. "
K821?"[/;";71") @<\Y /. ?"3/-2. 9N"iD>>JN"95-3N";71"G71GJ623;"23"=/262. 9"8297;". >: C"
</ . "->5"91;";71". /;2>. /6"31G582;-



!
;>;71" 5332/. "F183F1G;2B1\": 1": 181". >;"/??81332. 9"233513"2. "/: /-";7//9/B1" 35=2G21. ;": 1297;";>;7128"G>. G18. 3C"

(" /3">5;">="9>B18. O1. ;N"/. ?"("95133"2;": /3";71"[\$537045;2. \35OO2;" O11;2. 9"2. "\$8//236/B/"2. "#WW^": 7181";71-"G/O1">5;": 2;7";723"S>2. ;"3//;1O1. ;C" L. ?"("81O1OH18"81/?2. 9"2;"/. ?\";72. J2. 9";723": >56?"H1"/"981"/;"S>2. ;"3//;1O1. ;" /";71"H192. . 2. 9">=";71"=283;"[\$537\";18ON"[H5;2;": /3\J2. ?">="/: 128?"3//;1O1. ;" /";71"H192. . 2. 9">=";71"31G>. ?";18ON[: 71. "\$537"7/?"H11. "?1/62. 9": 2;7"45;2. " =>8"=>58"-1/83\c"L. ?"("81O1OH18"/3J2. 9Y (";72. J"2;": /3"T>O"*8/7/OY /;/" [:72. J";/. J\31332>. "/H>5;";723"/. ?"3/-2. 9N"iM7//;3"?2=181. ;b"M7-"37>56?" : 1" /335O1"G7/. 913[. >: \bf"L. ?"("???. E;"91;"/. "/. 3: 18";7//;3;85GJ"O1"/3"B18-" 1. G>58/92. 9";7//;";7181": >56?"H1"G7/. 913c"L. ?";71. "->5"H192. ";>"311";71" =853;8//2>. "31";2. "[>. "H>;7"32?13\c">5"7/?";71"#WWP", 5. 2G7"3F11G7"H-"45;2. C" c>5"7/?"O233261"?1=1. 31c"T7181": /3"/"H821="F>2. ;";7181": 7181"2;"6>>J1?"6J1" ;7181": /3"9>2. 9";>"H1"/"F>332H262;-=">8"G>>F18//2>. C"\$>;7"32?13": 181";/6J2. 9" /H>5;2;N"H5;";71"32?13"7/?"3>O1;72. 9"?2=181. ;"2. "O2. ?c"T71"A@c": / . ;1?";>" ?1F6>-";1. "98>5. ?0H/31?"2. ;18G1F;>83Y /";: >03;/91"B/82/. ;">=";71"2. ;18G1F;>83" ;7//": 181"2. "L6/3J/Y / . ?": / . ;1?";>"F5;";1. ">=";7>31"2. "4>6/. ?"/. ?"/"8/?/8"2. " ;71"<V1G7" 1F5H62Gc"L. ?";7131": 181"35FF>31?";>"H1">821. ;1?N"6>>J2. 9"/;/" /781//;"G>O2. 9">5;">="(8/. c"L6;7>597"(";72. JN"/3"@1G81;/8-"*/;13"6//;18"G>. G1?1?N" ;71"8/?/8";7//": /3"35FF>31?";>"9">2. ;>;71"<V1G7" 1F5H62G"7/?"/"ZXW0?19811" B21: "/. ?"G>56?"311"/66";71": /-";>;71"A8/6", >5. ;/2. 3C"

L. ?";71" 5332/. 3"???. .>;"62J1";723c"M7//;";71" 5332/. 3"3/2?"[: /3N"iM7//;"



!



\$5;/9/2. №;7>31": 181"233513": 7181";71"32?13"[2. ";71"31G>. ?"\$537";180\`\$53;"
: 181". >;"2. "3-. Gc""

U="G>5831№->5"7/?";71"*1>892/"G>. =62G;№/6;7>597"(";72. J";71"A0@@"
9>B18. O1. ;. /88;/2B1"[>=\";71"" 5332/. "2. B/32>. ">="*1>892/" : /3". >;"G>881G;C"[T>"
H1"3581M";71"" 5332/. 3": 181"81/?-=">8"/": /8": 2;7"*1>892/C"T71-": /. ;1?";>"7/B1"/"
G>. =62G;" : 2;7"*1>892/C"\$5;" ;71"81/3>. ";7/;" ;71": /8"H8>J1">5;">. ";71". 297;">="
L5953;"P0R">="#WWW": /3"H1G/531";71"*1>892/. "F8132?1. ;"O/?1"/"81/66-"H/?"
?1G232>. ";>"2. B/?1"@>5;7"U331;2/№/. ?"2"; : /3№;">"O-"O2. ?№"/. "2. 1dF62G/H61"
?1G232>. C"T7181": /3". >": /-";7/;" ;71"" 5332/. 3": 181"9>2. 9";>"6>31";7/;"L. ?№"/3"
: 1"3/: №;71"" 5332/. 3"81B1831?"[O/;;183"/. ?": >. \": 2;72. "/=1: "?/-3C""

\$5;"2;": /3"2. ;1813;2. 9";>"O1№": 7/;"("7/?"71/8?Y /9/2. №(" : /3">5;32?1">="
9>B18. O1. ;. >: №3>"->5"7/B1";>;/J1";723": 2;7"/"98/2. ">="3/6;"[WW+^X+WWY H5;"
;71"" 5332/. 3"7/?"G>. ?5G;1?"/="/286-"O/S>8"1d18G231"2. ";71"</5G5313"\$53;"H1=>81"
;71"G>. =62G;"H8>J1">5;C"M7/;"(" : /3";>6?": /3";7/;"1d18G231"7/?"1. ?1?"/. ?";8>>F3"
/. ?"1a52FO1. ;"7/?"/G;5/66-"H11. "6>/?1?">. ";8/2. 3№"/. ?";7>31";8/2. 3": 181"
71/?2. 9". >8;7"/: /-="8>O"*1>892/№/: /-="8>O";71"</5G5313№"H/GJ";>"7>O1"H/313"
: 71. ";71"G>. =62G;"H8>J1">5;№/. ?";71-"7/?";>"3;>F";71";8/2. 3№"81B1831";71O"/. ?"
31. ?";71O"H/GJ"[3>5;7\C"T7/;"359913;3";>"O1";7/;" ;71"" 5332/. 3Y : 7>"(";72. J№"
/9/2. №: 181">. 6-";>>"7/FF-";>"7/B1"/"G>. =62G;" : 2;7"*1>892/Y : 181"[. >;\`"
F81F/81?";>"7/B1"2;">. "L5953;"P;7№"L5953;"R;7C""

) >: "/9/2. №=8>O";71">5;32?1№("71/8?";7181": /3"3>O1"F81;;-"3;8>. 9"
/?B2G1"92B1. ";>"48132?1. ;"\$537№"2. G65?2. 9"[H-\`"/;"61/3;">. 1"F183>. Y ("?>. E;"
J. >: ": 7>Y H5;"(" : /3";>6?";71"359913;2>. ": /3"O/?1";7/;" ;71"A0@@"L28"K>8G1"



G>56?"6/5. G7"/283;82J13";>"H>OH"/. ?"G6>31">=";71"" >J2"T5. . 16N": 72G7"

[F8>B2?1?\";71"O>3;"?281G;"8>5;1"[=>8";71"" 5332/. 3";>"O>B1"



816/;2>. 372F"[: 2;7") LTU\N"H5;"(?>. E;": / . ;"/, 1OH18372F"LG;2>. "46/. Nf"/;"
 : 72G7"F>2. ;N;7/;"J266[1?\";71"?1/6") LTU": >56?"1d;1. ?"/, L4";>"/"G>5. ;8-"2="2;"
 ??? . E;"-1;"7/B1"=566"F>F56/8"35FF>8;N"H5;"2;": /3". >:"9>2. 9";>"1d;1. ?"/, L4";>"/"
 G>5. ;8-": 7181";71"1d1G5;2B1"H8/. G7": /3"?2B2?1?"[>. ";71"a513;2>. \C""

) >: N"#WWRN";7181": 181"/"G>5F61">="?2=181. G13C"U. 1": /3N";71" 5332/. 3"?2?"
 G>O1"5F">. ";71". 1;"B18-"a52GJ6-";>">FF>31"/, L4"=>8"AJ8/2. 1"/. ?"*1>892/\C("(
 ;72. J"2;": /3"2. "K1H85/8-">="#WWR": 71. "c537G71. J>": /3"2. ", >3G>: "/. ?N"/;"/"
 F8133"G>. =181. G1N"45;2. ";7181"3/-3N"i{??"7/;1";>"7/B1";>"3;/8;"/891;2. 9". 5G61"8"
 O2332613">. "AJ8/2. 1"2=";7/;f3": 7/;"->5f81"9>2. 9";>"?>Cf"\$5;"=283; ">="/66N";71"
 AJ8/2. 2/. 3"?2?". >:"7/. ?61"2;": 166C"@>O1;2O13"2. "?2F6>O/G-M"->5">597;";>"H1"
 G/81=56"/H>5;"/3J2. 9"/"a513;2>. "H1=>81"->5"J. >: ": 7/;"71"/. 3: 18"23C "@1G>. ?N"2;"
 [;71"AJ8/2. 2/. ", L4"61;;18\9>";61/J1?C("72. J"@1. /;>8"D59/8": /3"H821=1?"/H>5;"
 ;723"H5;"???. E;"J. >: ";7/;"71"61;;18"7/?". >:"-1;"H11. "?162B181?N"/. ?"71"
 O1. ;2>. 1?"2;"/;"F8133"G>. =181. G1\c"L. ?"3>") LTU"/G;5/66-"71/8?"/H>5;"2;"/[;71"
 AJ8/2. 2/. "81a513;"=>8"/, L4\="283;"F5H62G6-"/3">FF>31?";>"/G;5/66-"91";2. 9";71"
 61;;18C""

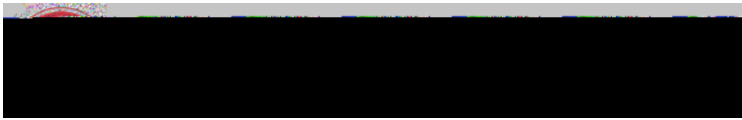
T7>597";71";72. 9";>"O1Y / . ?";723": /3"/;"/G;2G/6"O23;/J1"H-";71"\$537"
 /?O2. 23;8/;2>. Y ;71"\$537"/?O2. 23;8/;2>. N"/3"=8"/3("G/. ";166N"?2?". >"6>HH-2. 9"
 H1;; 11. ";71"[W!+WW+WWW";2O1": 71. "AJ8/2. 1"O/?1"1B2?1. ;"2;3"2. ;1813;N": 72G7": /3"
 2. "O2?";>"6/;1" / . 5/8-">="#WWRN"5F"5. ;26";71"\$5G7/813;"35OO2;2. "1/86-"LF826C"
 T7181": /3". >"A@c"G/OF/29. ";>"3/-N"iM1": / . ;";723";>"7/FF1. Cf"M7/;(" : /3";>6?"

! 8 9 : &\$\$&6)*! ; %<+*!0&/+*!+0& :) *&/+6!3%&!+ 9 &%!> . - !T&-#&*7!UVVW?! ; *+%6+-/!O#\$A1A+-H)!6+1%6+6!/)!\$+-6!&!0+//+*!
 /)!/A+!D8EF!\$+1*+/&*7! , +-+*&!+P#+\$%- , !&! B 8 ; ?!/A%\$!% 9 +!+-6)*\$+6! : 7!O#0%7&!E79)\$A+-H)!@A)!A&6!
 \$#11++6+6!O&-#H)371A!&\$!M*% 9 +! 9 %-\$/+*X!!EA+!RH*%&-%&-\$!M*) : & : 07!\$A)#06!A&3+!M*%3&/+07!/+\$+6!/A+!@&/+*\$!&!
 D8EF!<\$/L!!!



!

; >": 7//;"48132?1. ;"\$537": /. ;1?c"L. ?";71. "2;"61?";>;723"B18-"3;8/. 91">5;G>O1c"
M7//;"("7/?"71/8?Y ;723"31G>. ?0">8";728?07//. ?Y : /3";7//;N"/;"[3>O1\F>2. ;"/3"
;71-"?1H/;1?";71", L4"a513;2>. 3"=>8"AJ8/2. 1"/. ?"*1>892/\N";71"61/?183"?1G2?1?"
;>;78>: "/66">=";7128"/OH/33/?>83N";7128"F18O"81F3"[;>") LTU\">5;">=";71"8>>Oc"
@>"2;": /3"\$53;";71"61/?183"/. ?";71". /;2>. /6"31G582;-"/?B23>83N"3>"2;f3"<>. ?2" 2G1"
/. ?"L. 916/", 18J16"/81": >8J2. 9">. "6/. 95/91c"L. ?"/9/2. N";723"23"O-"358O231N"H5;"
, 18J16"[>=183"/3"/"G>. 3>6//>2. "F82V1";>"\$537";7//;"71"35OO2;"3//;1O1. ;"G/. "
3/-\N"iM



!

F>2. ;"23";7/;"/", L4"G>. B1-3". >"31G582;- "95/8/. ;11C"@>": 7/;"7/FF1. 3"2=N"3/-N"

;>O>88>: N"@1F;1OH18"#QN") LTU"/. . >5. G13";7/;"AJ8/2. 1"7/3"/", L4N"/. ?";71"

' 5332/. 3";/J1"/": 7/GJ"/;" , /825F>6">. "@1F;1OH18"



!

: /3"3;266"F8>B>G/;2B1"1. >597";7/;"2;"G>. B2. G1?" 5332/;">2. B/?1c"M>56?"->5"62J1"

;>": 1297"2. ">. ";7/;"b"

4(K%' +("E3"7/8?";>3/-N"H1G/531"(";72. J": 7/;"7/FF1. 1?"2. "#W!]" : 2;7"819/8?3";>"

<82O1/Y (";72. J";71" 5332/. 3"7/?"/"F6/. "2. ";71"3/=1"=>8N"i;723"23"7>: ": 1";/J1"

>B18"<82O1/cf"T71"?1G232>. ": /3"O/?1"2. "/B18-"/?"7>G"[W!+WX+WW\": /-c(" =/G;N"

45;2. "?2?";723"6>. 9"?>G5O1. ;/8-/"G>5F61">=-1/83"/=;18"<82O1/" : /3";/J1. c"L. ?"

2;" : /3"2. ;1813;2. 9c"&1"3/2?N"iM71. ": 1"O/?1";71"?1G232>. N2;" : /3">. ";71". 297;">="

K1H85/8-": 7/;1B18cf"L. ?"[71". /O1?"\;71"F1>F61"2. ";71"8>>Oh";7181": 181N"62J1N"

=>58"F1>F61c"L. ?"723"=>8129. "O2. 23;18": /3. E;" ;7181c(" ;": /3"358F8232. 9"7>: "3O/66"

;7/;"G28G61": /3N"H5;"2;"S53;"O1/. 3"2;" : /3"/"3F580>=0;710O>O1. ;"?1G232>. c""

(";72. J"[;71"_81O62. "H1G/O1\/"62;;61"H2;"F/. 2GJ-": 71. "[2. "6/;1"K1H85/8-"
 #W!]"->5"7/?"/G;2. 9"48132?1. ;"T58G7-. >B"/. ?"/G;2. 9"482O1", 2. 23;18"c/;31. -5J"
 3/-N"iU58". 5OH18">. 1"F82>82;-". >: "23";>329. ";71"L33>G2/;2>. "L9811O1. ;": 2;7"
 ;71"%58>F1/. "A. 2>. cf"L. ?";7/;E3"2. ;1813;2. 9"H1G/531N"2="->5"9>"H/GJ"/3"6/;1"/3"
 #W!W0#W!!N"->5E66"=2. ?"F1>F61"62J1"[K>8129. ", 2. 3;18"@1891-\D/B8>B"3/-2. 9N"iM1"
 7/B1". >"F8>H61O"2=";71"AJ8/2. 2/. 3": /. ;";>"S>2. ";71"%58>F1/. "A. 2>. c("E3") LTU"
 ;7/;E3"/. "23351cf"("E3">. 6-"81/66"-2. "#W!Z";7/;" ;71" 5332/. 3"B232H6-"H192. "/92;/;2. 9"
 /9/2. 3;"329. 2. 9";71"L33>G2/;2>. "L9811O1. ;c""

\$5;" ;71"_81O62. "F/. 2GJ1?" : 71. ";71-"3/: "AJ8/2. 1"71/?2. 9";7/;" : /-c"
 T71-": 181"?23G>OH>H56/;1?"H-": 7/;"7/?";8/. 3F281?"2. "_-2B"2. ";7>31"B18-="1: "
 ?/-3"[/;" ;71"1. ?">=" ;71", /2?/. "" 1B>65;2>. \2. "K1H85/8-c"\$5;"(" ;72. J";71-"[2. ";71"
 _81O62. \/"63">3/: ";7/;" ;723": 266"[312V2. 9"<82O1/" : >56?"F6/-": 166"/;"7>O1"
 F>62;2G/66-N"/. ?"45;2. E3"F>F56/82;-8/;2. 93"37>;"5F";>N": 7/;N";71"7297"RW"



F18G1. ;3Y /"37>8;N"H6>>?6133": /8"23"/6: /-3"9>>?"=>8"->58"3;/ . ?2. 9"/;"7>O1C"L. ?"
 (" /G;5/66-": >. ?18"2="O/-H1";7/;" /3">. 1">=";71"=/G;>83";7/;"61?";71O"2. ;>"2;C"L. ?"
 ;71. "O/-H1";71-";7>597";7/;"F6/-1?"3">: 166N"H5";71. ";71-3;/8;1?"I >. H/3"2. "
 LF826">="#W!]N": 72G7";>"O-"O2. ?N"???. [;"58. ">5;"3">: 166"=>8";71OC"

&/?";71"" 5332/. 3"3;>FF1?" /=";18"<82O1/N";71-": >56?EB1"[W!+WR+WWW"

[62J16-\9>;;1. "/: /-": 2;7"/"36/F">. ";71"7/. ?"2. ";18O3">="[M13;18. \3/. G;2>. 3C"
 T71"O/S>8"3/. G;2>. 3"J2GJ1?"2. "/=";18" I >. H/3"[/. ?";71", &0!P"37>>;>?>: . \C"L. ?"
 O-"95133N"23"7/?";71-3;>FF1?"/;"<82O1/N"/. 5OH18">=%58>F1/. 3": >56?"7/B1"
 H11. "3/-2. 9N"iM166N";71-[";71"" 5332/. 3\?">"7/B1"/"723;>82G/6"G/31"/H>5;"<82O1/Cf"
 L. ?";71-?">"7/B1"/"723;>82G/6"G/31"/H>5;"<82O1/N"H5;"(" : >56?"3/-"2;" /3". 19;/1?"
 H-": 7/;"7/FF1. 1?"2. "!QQ!N": 71. "1B18-H>?"-3/2?"iM1"/GG1F";71"H>8?183"/3";71-"
 /81[N"/. ?"2. "!QQ!"<82O1/" /3"F/8;">="AJ8/2. 1\Cf"

\$%&' () *%' +L. ?("7/B1">. 1"O>81"a513;2>. N"/. ?";71. "(gO"9>2. 9";>;78>: "2;";>"@2O>. "
 ;>"311"2="71"7/3"/. -;72. 9"1631C"\$5";723">. 1"7/3";>"?>": 2;7"32O26/86-"6>>J2. 9"-8>O"
 ;71"\$537"/?O2. 23;8/;2>. ";>;71"UH/O"/?O2. 23;8/;2>. C"L=;18"*1>892/N"H/32G/66-"
 /66";71"G>. 3;85G;2B1"F8>98/O3"H1;: 11. "" 5332"/. ?";71"A. 2;1?"@;/;13"/81"
 ;18O2. /;1?N



!

?162B181?";71") 1: "@TL' T";81/;-N": 72G7"(: >56?"/8951"23"2. ";71"A@@"2. ;1813;@"

?162B181?" 5332/. "716F">. "L=97/. 23;/ . N"2. G65?2. 9"/66>: 2. 9"53";>"O>B1"61;7/6"

O262;/8-"1a52FO1. ;"?281G;6-";78>597" 5332/N"2. G65?2. 9"?281G;"=6297;3"G8>332. 9"

' 5332/@"("9>"/" 5332/. "F>32;2>. ";7/;": /3"O5G7"O>81"35FF>8;2B1">. "(8/. @"(":" /3"

2. "#W!W": 71. ";71"A) "@1G582;- "<>5. G26"B>;1?"/. "1OH/89">. "G>. B1. ;2>. /6"

: 1/F>. 3"3/613";>[W!+!W+WW\"(8/. [N"/. ?" 5332/" 1. ;"/6>. 9": 2;7";7/;N"1B1. ";7>597"

;71" 5332/. 3"3>6?"G>. B1. ;2>. /6"/8O3";>(8/. \@"

T7181": /3/"H2;">="/OH2952;-2. ";71"[A) "@1G582;- "<>5. G26\"6/. 95/91@L. ?"

(81O1OH18"/3J2. 9"F1>F61"2. ";71"A@@"9>B18. O1. ;N"H1G/531"/;";7/;";2O1N";71"H29"

[' 5332/. \3/61"[;>(8/. \";7/;": /3"H12. 9"/6J1?"/H>5;": /3";71"@ZWW"/28"?1=1. 31"

O233261@L. ?"("81O1OH18"/3J2. 9N"H1G/531";71"6/. 95/91": /3/"62;;61"H2;"

/OH295>53N"?>13"2;";71"1OH/89>\>G>B18"/28"?1=1. 31b"L. ?";71"813F>. 31("71/8?"

=8>O"F1>F61"2. ";71"A@@"9>B18. O1. ;": /3N"iM1"7>F1"3>N"H5;": 1E81". >:"=566-"

G>O=>8;/H61Y 2=";71" 5332/. 3"31. ?"/. "@ZWW"3-3;1O";>(8/. N": 1E81". >:"3581";7/;"

;7/;"B2>6/;13";71";18O3">=";7/;"F/8;2G56/8"6/. 95/91"=8>O";71"A. 2;1?) /;2>. 3@F"

L. ?";71. N(";72. JN"2. "@1F;1OH18">8"UG;>H18">="#W!WN";71" 5332/. 3"3/2?N"iM1E81"

353F1. ?2. 9";71"3/61">=";71"@ZWWC"M1E81"2. B2;2. 9"/. "(8/. 2/. ";1/O";>"G>O1"H/GJ"

[;>". >3G>: \



! ;71"@TL' T"(-F1">="/FF8>/G7"[/3">FF>31?";>"@U' T\C"M1";72. J"/8O3"G>. ;8>6"23"

3;266"2OF>8;/ . ;cf""

T7181": /3N"(";72. JN"/"G18;/2. "



! 65GJ-c"T71"F82G1">=>26": 1. ;"5F"/. ?N=8>ON"#WW!"5. ;26"#WWRN";71" 5332/. "1G>. >O-"
: /3"98>: 2. 9"/;"32d";>"31B1. "F18G1. ;"/"-1/8c"



!

L. ?W/9/2. N: 7/;"("71/8?"[=8>O\F1>F61"2. ";71"/?O2. 23;8/;2>. ": /3";7181": /3"
 B18-"a52GJ6-"/"6>;>="G>OO>. "98>5. ?"H1;: 11. ";71"32?130"T;": /3"2. ;1813;2. 9"
 H1G/531": 1": 181"71/82. 9": 7/;" /3"9>2. 9">. "2. ">=2G2/6"G7/. . 163"/. ?W/;" ;71"
 3/O1";2O1M";7181": 181"/;"61/3;"=>58";8/GJ"((3";7/;"([" /3\:/: /81">="2. "1/86-"#W!"
 : >8J2. 9">. ";723"233510"(" /3"2. B>6B1?"2. ";: >">=";71O0""

L. ?"1B18-H>?-" /3"G>O2. 9"5F": 2;7";71"3/O1"31;">="2?1/30"T7181": >56?"
 H1";: >"S>2. ;6-"O/. . 1?") LTU0' 5332/"G1. ;1830"U. 1": >56?"H1Y ;71-"???. E;: /. ;"
 ;>"G/66"2;/"S>2. ;?;//"1dG7/. 91"G1. ;18"H1G/531";7/;"7/?"H11. ";821?"H/GJ"2. ";71"
 <62. ;>. "/?O2. 23;8/;2>. W"5;". >;72. 9"G/O1">="2;0"@>;71-";/6J1?"/H>5;"/"?;//"
 =532>. "G1. ;18W[" : 72G7": >56?"/;J1"1/86-" /8. 2. 9"?;//"=8>O" 5332/g3"3-3;1O3W"



F8132?1. ;3C"T71"F8132?1. ;3">8";7128". /;2>. /6"31G582;-"/?B23>83"



!

G>5831N"23";7/;"->5"311"981/;18"/5;7>82;/82/. 23ON": 72G7"23"9>2. 9";>"H1"/"F8>H61O"
=>8"53"[M/372. 9;>. "/. ?";71"M13;\2. "/. -"G/31C"\$5;"/63>N"723"1G>. >O2G3"H192. ";>"
91;";>;71"F>32;2>. ": 7181"71"G/. "H1"O>81"G7/661. 92. 9C"@>"71"7/3";71"G/F/H262;-N"
1B1. ";7>597"2;";58. 1?">5;";>"H1"/"F81;";-"O2318/H61">F18/;2>. N"71"7/?";71"/H262;-"
;>"36/F"?>. . "*1>892/"2. "#WWWRC") >: N(";72. J";71-gB1"61/8. 1?"3>O1";72. 93"/H>5;"
: 1/J. 13313"/. ?";71-gB1". >: "G>881G;1?"/"6>;">=";7>31"?1=2G21. G213N";71-gB1"F5;"



!

L. ?"3>N"71"7/3";723": >86?B21: N": 72G7"O/-"H1"37/F1?"H-";71"=/G;";7/;"71E3". >;"

91;;2. 9"/"H8>/?"8/. 91">="2. =>8O;/2>. N";7/;"61/?3"72O";>"2. ;18F81;";71": >83;C"

@>N"@1G81;/8-"<62. ;>. N"2. "#W!!N"1dF81332. 9"G>. G18. "/H>5;";[;71"" 5332/. "

I 5O/"161G;2>. 3N": 71. ";7181E3"/66"3>8;3">="1B2?1. G1">. ";71"2. ;18. 1;">="H/66>;"

H>d13"H12. 9"3;5=1?N";72. 93"62J1";7/;Y ;7/;"H1G>O13". >;"\$53;"/"G82;2G23O";7/;"71"

161G;2>. 3": 181"O/. 2F56;/1?N"H5;";7/;"23N"i(;E3"@1G81;/8-"<62. ;>. "/. ?";71"Ac@c"

9>B18. O1. ;"/81">89/. 2V2. 9";7131"?1O>. 3;8/2>. 3cF"L. ?"->5"1B1. "311"3>O1"

81=181. G13"H-" 5332/. 3";>"3/-N"iM166N";71"U8/. 91"" 1B>65;2>. N";71"" >31"

' 1B>65;2>. N";71", /2?/. N";7>31": 181"/66"/;;1OF;3"/;"3>8;">="Ac@c"7-H82?": /8=/81N"

H5;";71"81/6"9>/6"23";>"F566"2;">="2. "" 5332/Cf"L. ?";7/;N";>"O-"O2. ?N"23"\$53;";>;/6"

=/ . ;/3-N"H5;("?">": >88-";7/;"45;2. N";>"3>O1"1d;1. ;N"H5-3"2. ;>;7/;. >;2>. [N";7/;"

;71"A. 2;1?"@;/;13"/2O3"=>8"/G>6>8"81B>65;2>. ";>"5. 31/;"72O"2. "" 5332/\C"

("?">. g;";72. J"71": /3";7181"2. "#WW!0#WW#C"(";72. J"71q3"1B>6B1?2. ";7/;" /-"

[723"B21: \ ">B18"#W"-1/83C"L9/2. N"("?">[H1621B1\";7/;"7181": /3/"G7/. G1Y (EO". >;"

3581"2;": /3/"H29"G7/. G1Y "[H5;\": 1"O297;"7/B1"H11. "/H61";>=>813;/66";7/;"372=";

[2. "723"B21: \N"7/?": 1N"?582. 9";71"\$537";18ON"H11. "/H61";>="2. ?"3>O1": /-";>"92B1"

