

!'''#S%k'()\*'k%+#,&-.) / 00k1&23,4)!#S#%k'()\*+,(!','%\*-,-.k(/.-(-  
01\*,2(3\*./+\*/4(522\*+,"()\*+,(!','%\*-,-.k(2#'(56, "/k\*#.%(/.-(-  
01\*,2(56, "/k\*.7(522\*+,(  
5+,'\$',k63+ / 00k1+4)!#S#%k'(89: /.(;,%#9"+,%'(<k9-,-.k(  
=22/\*'%'(5

!

!"

!" #&\$%' ( )

9" #&\$%' ( )=0.02 , 2/0)

V&5.GN .6, .50"95&G(<(,6"7(6)5( / (0-,(&0"-07"G-5-66 / .0,"&0",G. "<-6(6"&>"5-).0")&'&50"5. '(F(&0Q")5. .7Q" 0-,(&0- "'&5(F(0Q" .,G0)(,\*Q")-6,.0"6.WQ"95.F0-0)\*Q"6.W4- "'&5(.0,-,(&0Q"F.07.5"(7.0,(,\*Q"F.07.5" .W95.66(&0Q"9-5.0,- "'6,-,46Q" / -5(- "'6,-,46Q"-F.0"7(6-<('(\*Q")(X.06G(9"6,-,46Q"M. .,5-0"6,-,46Q"F.0.,( )" (0>&5 / -,(&0Q"5.95&74),(M."G.-',G"7.) (6(&0" / -R(OFQ"G.(FG,Q"N.(FG,Q"&5"-0\*"&,G.5")'-66(>)-,(&0" 95&,.) .7"<\*" "-N"Y5.>.55.7",&"-6"Z95&,.) .7")'-66.6["(0",G. ".74)-,(&0- "'95&F5- / 6"&5"-), (M,(.6" V&5.GN .6, .50"&9.5-, .6Q"(O)'47(OF"<4,"0&,"( / (.7",&" / -, .56"&>"-7 / (66(&06Q". / 9'&\* / .0,Q"G&46(OFQ" &5"6.5M( .6\$"%5&G(<(, .7"7(6)5( / (0-,(&0"<-6.7"&0"6.W"(O)'47.6"6.W4- "' / (6)&074),Q"(O)'47(OF"<4,"0&," '( / (.7",&Q"6.W4- "'G-5-66 / .0,Q"6.W4- "'-66-4',Q"6.W4- "' .W9'&(-,(&0Q"6,-'R(OFQ"-07"7-, (OF"&5"7& / .6.( )" M(&' .O) . \$" +4)G")&074),"M(&' -, .6"V&5.GN .6, .50]6"M-'4.6"-07"7(6549,6",G. "'(M(OFQ"' .-50(OFQ"-07" N&5R(OF".0M(5&0 / .0,">&5"6,47.0,6Q">-)4',\*Q"6,->>Q"-07"&,G.5")& / / 40(\*, / . / <.56\$"

%4564-0,"&,G. " ; .9-5, / .0,"&>"=74)-,(&0]6"1B1B"5.F4'-,(&06"/ 9' . / .0,(OF"U(,'.A^Q",G. " T0(M.56(\*"G-6"-7&9,.7"-0"AO,.5(/ "%&'()\*"&0"U(,'.A^"+.W4- "' I-5-66 / .0,Q"NG())G'F&M.506") .5,-(O" (06,-0) .6"&"6.W4- "' / (6)&074),"#"' .F-,(&06"&>"6.W4- "' / (6)&074),"G-, "7"0&,">- "'N,(G(O",G. " \_45(67( ),(&0"&>"G. "AO,.5(/ "%&'()\*"&0"U(,'.A^"+.W4- "' I-5-66 / .0," / -\*">- "'N,(G(O",G. " \_45(67( ),(&0" &>"G(6"&'()\*"&5" ^ .G.5">&5 / 6"&>" / (6)&074),"0&,"&M.5.7"<\*" ,G(6"9&'()\*"&5",G. "AO,.5(/ "%&'()\*"&0"U(,'. " A^"+.W4- "' I-5-66 / .0,\$"

UG. "T0(M.56(\*"G-6"-7&9,.7",G. ">&'&'&N(OF"6,-07-576"&>)"&074),">&5"-'" / . / <.56"&>"&45")& / / 40(\*, " a"6,47.0,6Q">-)4',\*Q"-07"6,->>Q"-6"N. "'-6" T0(M.56(\*"M.07&56Q")&0,5-),&56Q"M(6(,&56Q"F4.6,6Q" M&'40, . .56Q"(O,.506Q"-07",G(57"9-5,(.6\$"

J" K45i3 : k' 0k\$ / )

UG. " `>>( ) . "&>"8(M(" J(FG,6"-07"U(,'.A^"8& / 9'(-0) . "'&M.56. .6",G. "T0(M.56(\*]6"5.69&06. ",&5.9&5,6" &>"7(6)5( / (0-,(&0"-07"G-5-66 / .0,Q"(O)'47(OF"6.W4- "' / (6)&074),Q"-6"7.6)5(<.7"<. '&N\$"

V&5.GN .6, .50" / -\*"(OM.6,(F-, . "&5"&,G.5N(6. "5.6&'M. "-0\*"5.9&5, .7"M(&'-,(&06"&>"G(6"9&'()\*"&,G-, " & )45"(O",G. ")&0. .W,"&>"- T0(M.56(\*"95&F5- / "&5"-), (M(\*"5",G-, "&,G.5N(6. "->> . ), ,G. "T0(M.56(\*]6" N&5R(OF"&5"' .-50(OF".0M(5&0 / .0,6Q"5.F-57'.66"&>"NG.,G.5",G. "5.9&5, .7")&074),"& )455.7""&0"&5"&>> )- / 946\$ J .9&5,6"&>"M(&'-,(&06"&>"&,G.5" T0(M.56(\*"9&'()(.6"N('"'<."5.>.55.7",&,G. "-995&95(-, . " &>>().\$"

@&5".M.5\*5.9&5,Q",G. " `>>( ) . "&>"8(M(" J(FG,6"-07"U(,'.A^"8& / 9'(-0) . "

<&7\*e&>>().">&5"6-0),(&0(OF"-6"7.6)5(<.7"(0"+. ),(&0"AAy@\\

+9.)(>())&074),")&M.5.7"<\*"G. "U('."A^"J.F4'-,(&06"&0"+.W4-"I-5-66/.0,"(6"F&M.50.7"<\*"G."T0(M.56(\*]6"AO,.5(/"%&'()\*&0"U('."A^"+.W4-"I-5-66/.0,-07"N('"'<."-775.66.7"-))&57(OF",&G."95&).66.6"6,-,.7",G.5.(O\$"#'"&G.5">&5/6"&>6.Wf<-6.7"7(6)5(/(0-,(&0"-5."F&M.50.7"<\*"G(6"%&'()\*q"(O)'47(OF"6.W4-"G-5-66/.0,q"-6"7.>(O.7"(O",G(6"%&'()\*",G-, "7&.6"0&,"5(6.",&G."".M."'"&>"U('."A^"+.W4-"I-5-66/.0,-6"7.>(O.7"(O",G."AO,.5(/"%&'()\*&0"U('."A^"+.W4-"I-5-66/.0,\$"

8&074),",G-,"(6"(O,(-'"\*5-(6.7",G5&4FG"->&5/-")&/9'-(0,"407.5",G."AO,.5(/"%&'()\*&0"U('."A^"+.W4-"I-5-66/.0,"/-\*"-'6&"<."-775.66.7"407.5",G(6"%&'()\*q"(O",G."T0(M.56(\*]6"7(6)5.,(&0q"NG.Ob"Y(\",G.)&074),"-,(664.q"&5"6&/."9-5,"&>(\",/ -\*)&06,(,4,. "-M(&'-,(&0"&>G(6"%&'()\*"(55.69.), (M."&>"NG.,G.5"(),&06,(,4,.6"U('."A^"+.W4-"I-5-66/.0,"407.5",G."AO,.5(/"%&'()\*&0"U('."A^"+.W4-"I-5-66/.0,d"Y(\",G.">&5/-")&/9'-(0,q"&5"6&/."9-5,"&>\"( )-1(,)-1(( / ). 8+)-1()-2(&)-1>)-1(")1Tf("1((U)1()-1(,

5.69.)>4"07",5-4 / -(0>5 / .7"6.5M( ) .,&"9.&9' .&>"-'(7.0,(.6"-07".W95.66(&06\$"

**S" R2>k / k0k\$ / 3)**

UG. ">&'&N(OF", .5 / 6"-07"7.>(0,(&06"-5.( / 9&5,-0,")& / 9&0.0,6"&>,G(6"9&'())\*\$"UG. "7.>(0,(&06"-5. (O,.07.7",&"F(M. " / .-0(OF",&"G.6. ".5 / 6"(O,G. ")&0. .W,"&>,G(6"9&'())\*\$"UG. "AO,.5( / "%&'())\*\$"&O"U(, ' . A^"+.W4-" I -5-66 / .0,q")5( / (0-"-07"&,G.5"-99'())<-' .6,-,."-N6" / -\*"46."7(>>.5.0,"7.>(0,(&06"&>" ,G.6. ",.5 / 6\$#""

**6" Rk3' 5k , k / .0k\$ / . / :)T.5.33 , 2/0)**

. " **Rk3' 5k , k / .0k\$ / <"%5&G(<(, .7"7(6)5( / (0-,(&0"(6",5. -, (OF"6& / .&0."7(>>.5.0, '\*<.)-46. "&>,G.(5"5-).q")&'&5q"5. '(F(&0q")5. .7q"0-,(&0-"&5(F(0q". ,G0( ), \*q")-6, .q" 6. Wq"95. FO-0)\*q"6. W4-"&5(.0,-,(&0q"F.07.5"(7.0,(,\*q"F.07.5".W95.66(&0q" 9-5.0,- "6,-,46q" / -5(- "6,-,46q"-F.q"7(6-<(' , \*q")(, (X.06G(9"6,-,46q"m. ,.5-0" 6,-,46q"F.0. ,.)"(0>5 / -,(&0q"5.95&74),(M. "G. -',G"7. )(&0" / -R(OFq"G. (FG,q" N. (FG,q"&5"-0\*"&,G.5")'-66(>()-,(&0"95&, .), .7<\*" -N"Y5.>.55.7",&"-6"Z95&, .), .7" )'-66.6[\\"(0" / -,,.56"&>-7 / (66(&06q". / 9'&\* / .0,q"G&46(OFq"&5"6.5M( ).6q"&5"(O" ,G. ".74)-,(&0-"95&F5- / 6"&5"-), (M(, (.6"V&5,GN.6, .50"&9.5-, .6\$)**

AO"7. ., .5 / (O(OF"NG. ,G.5"7(6)5( / (0-,(&0"&))455.7q",G. "` >>(). "&>" 8(M(" J (FG,6"-07"U(, ' .A^" 8& / 9'(-0) .".W- / (0.6",G. ">&'&N(OFb"

c G. ,G.5",G.5. "N-6"-0"-7M.56. "( / 9-), "&0",G. "(07(M(74-'j)6"N&5R"&5" .74)-,(&0".OM(5&0 / .0,d"-07

c G. ,G.5"(07(M(74-'6"&4,6(7. "&>,G. "95&, .), .7")'-66"5. ).(M.7" / &5. " >-M&5-<'.',5.-, / .0,\$"A">,G. ">(56,"N&")&07(,(&06"-5. " / .,q",G. "` >>(). "&>" 8(M(" J (FG,6"-07"U(, ' .A^" 8& / 9'(-0) . "N(")"&06(7.5"NG. ,G.5",G.5. "(6"- ' .F(, ( / -, .q"0&0f7(6)5( / (0-,&5\*"5. -6&0">&5",G. -), (&0\$

**L" T.5.33 , 2/0<"%5&G(<(, .7"G-5-66 / .0, "(6"M.5<-"&5"9G\*6(-)"&074), "&5")&074), " 46(OF", .)G0&'&F\*"<-6.7"&0"-95&, .), .7")'-66",G-, "G-6",G. "9459&6. "&5".>>.), "&b)**

+4<6,-0,(-'"\*(O, .5>.5(OF"N(Gq"(/ (,(OF"5"7.95(M(OF"- / . / <.5"&>,G. " )& / / 40(,\*">5& / "-). 66(OF"&5"9-5,())(9-, (OF"(O",G. "-)-7. / ( )"&5" . / 9'&\* / .0, ".OM(5&0 / .0,q"-07e&5"64<6,-0,(-'"\*(O, .5>.5(OF"N(G"-0" (07(M(74-'j)6"-)-7. / ( )"9.5>&5 / -0). "&5"N&5R"9.5>&5 / -0). d" &5 85.-, (OF"-0"-)-7. / ( )"&5"N&5R(OF".OM(5&0 / .0, "G-, "-5. -6&0-<' . " 9.56&0"N&4'7")&06(7.5),&"<."(O, ( / (7-, (OFq"G&6, (' .q"&5"&>>.06(M. \$

AO"7. ., .5 / (O(OF"NG. ,G.5",G. ")&074), "(6"64>>())( .O, '\*"6. M.5. "&5"9.5M-6(M. "6&" -6",&" / . ., "G. "-<&M. "6,-07-576q",G. "` >>(). ".W- / (0.6",G. ")&0. .W,q"O-,45.q" 6)&9.q">5.D4.0)\*q"745-, (&0q"-07""&)-, (&0"&>"(O)(7.0,6q"-6"N. "'"-6",G. " 5. '-, (&06G(96"&>,G. "9.56&06"(OM&'M.7\$"#9.56&0q"6"64<.), (M. "<.'(>),G-, " <.G-M(&5"(6"(O, ( / (7-, (OFq"G&6, (")(. )1(7)1-1(0")-1(()-01 8 T c 460]-OFq75 J E T q1 8 T c 460]-OFq



6'455(0F"69.. )GQ"7(>>)4',\*">(07(0F"N&576)\\$"

#"9.56&0" / -\*" -99. -5",&"<."F(M(0F")&06.0,"<4," / -\*"0&,"G-M.",G.)-9-)(,\*,"&"7& 6&\$" UD2 / ): 2025 , &/ &/ (? )ND20D25.) -253\$ / D.3)0D2' . - . 'k0(0\$) -5\$A&: 2) '\$ / 32 / 0)0D2)F / &A253&0( )N&%) '\$ / 3&: 25)ND20D25.)3\$25)52.3\$ / .L&2) -253\$ / &/ 0D2)3. , 2) -3&0&(\$ / V / 2N)\$5)3D\$4% : )D. A2)V / \$N / )ND20D25)0D2)\$0D25) - .50( ) '\$4% : )\$5) '\$4% : ) / \$0) '\$ / 32 / 0)0\$)0D2)32; 4. %) . '0&A&0( " )A, "(6. 69.) (-' '\* ( / 9&5, -0, Q" ,G.5.>&5. Q", G-, "-0\* &0. "(O(, (-, (0F"6. W4- " - ), (M(, \*(6"-N-5. "&>, G. (5"&NO" .M. "'&>" (O,&W( )-, (&0"-6(, " / -\*( / 9- ), "G. (5"-<( '(, \*, &" -66.66"-0&, G.5"9.56&0]6"-9-)(,\* ,&"F(M. ")&06.0,\$"2 . (0F"(O,&W( )-, .7"&5( / 9-(5.7"<\*754F6"&5'- )&G&"7&.6'0&," .W)46. "&0. ">5& / ", G.5.69&06(<( '(, \*, &"&<,-(0")&06.0,\$"2 . (0F"(O,&W( )-, .7"&5 ( / 9-(5.7"<\*754F6"&5'- )&G&"(6"O.M.5"-0. W)46. ",&)"& / / (,6.W4- " / (6)&074), \$"

(( \$ #69. ),6"&>"E-'(7"8&06.0,"

@&5"9459&6.6"&>,"G(6"9&' ) \*Q" ! "#\$%#&' (\$' ) \*%\$%#&' + , %# ' ! -% . \* / 0#1%\*\$&. #1. 2-% + " \* 1\$' " \* ' . ! k ( " # \$ ' 3 . # ( 4% \$ & ' . ' 5# " + ( # 67' . ! k ( 8% 7' 8 " - 0#& . \* / 7' . # 1' ) \*%\$%#&' . # 1' " # 6 " ( # 6' . 6 \* % % 3 % # & ' & " % # 6 . 6% ( # '\$ ) % ! ( 4 ! '\$ % 90 . - ' ' \* ( # k ( 3 . & % ! ' ' # & . ! k : ' ' 8 & 06 . 0 , " / 46 , "< . - ' ' "&> , G. "> & ' & N(0Fb"

! "#\$%&' ( # ' " " ( 07(M(74-'6"407.56,-07Q"-5. "-N-5. "&>Q"-07"-F5. . "-6",&"G. " ZNG&["Y6- / . "9-5,0.56(Q"ZNG-, ["Y6- / . "-),6(Q"ZNG.5. ["Y6- / . "'&)-,(&0\Q" ZNG.0["Y6- / . ",( / . \Q"-07"ZG&N["Y,G. "6- / . "N-\*"-07"407.5",G. "6- / . " )&07(,(&06"&>,"G. "6.W4- " - ), (M(, \*\$"

) \*+, -b' 8&06.0, " / 46, "-R. ",G. ">5 / "&>"Z)' . -5' \*407.56,-07-<' . "N&576"&5" -),(&06["G-, "5.M. - " &0. ]6". W9. ), -),(&06"-07"-F5. . / . 0, "&" . 0F-F. "(0" 69. )(>) "6. W4- " - ), (M(, \*\$UG(6" / . -06",G-, "6( . 0) . Q"9-66(M(, \*Q"64< / (66(&0Q"&5" ,G. " - )R"&>"M.5<- " &5"9G\*6( ) - "5.6(6,-0) . "Y(0)'47(0F",G. " - )R"&>- "ZO&["\ 6G&4'7"0&,"a"(0"-07"&>,"G. / 6. 'M.6"a"<. "407.56,&&7"-6"&06.0,\$"8&06.0, " )-00&,"<. "(0>.55.7"<\*"-0"(07(M(74-' ]6" / -00.5"&>"75.66)",G. "F(M(0F"&5" -)) . 9,-0) . "&>"F(>,6Q",G. ". W. . 06(&0"&5"-) . 9,-0) . "&>"-0"(0M(, -, (&0, "&"F&,"&" - 95(M-, . 5&& / "&5" "&)-, (&0Q"&5" F&(0F"&0"-7-, . \$"

. #/0''+123b" 8&06.0, " / 46, "<.>5. . ' \*F(M.0"-07")-00&,"<.,G. "5.64', "&" (0,( / 7-, (&0"Y. W,&5, (&0Q" / . 0-)(0F"<. G-M(&5Q"<4' \*'(0F\Q")&.5) (&0"Y6.M.5. "&5" 9.56(6. .0, "95.6645. ") -46(0F">. -5"&>"6(F0(>)-0, ")&06.D4.0) . 6">5& / " ,G. " &,G.5"9-5,\*"(>)"&0. "7&.6'0&," . 0F-F. "(0"6.W4- " - ), (M(, \*Q">5) . "YM(&' . 0) . Q" 9G\*6( ) - "5.6,5-(0,Q"&5",G. "95.6.0) . "&>"-N. -9&0\Q",G5. -,6"Y(07( )-, (&06"&>" (0, . 0, "&"G-5 / Q"NG.,G.5"7(5. ), "&5"(07(5. ), \Q"&5">5-47"Y / (65.95.6.0, -, (&0"&5" / -, .5(-' "& / (66(&0"-<&4, "&0.6. '>"&5",G. "95.6.0, "6(4-, (&0"(0"&57.5, "&"F-(0" 9.5 / (66(&0">&5"6.W4- " "&5"(0, ( / -, . "-), (M(, \*\$"

42-5- '+'(1"6(7" &#'"&' (8&06.0, " / 46, " . W(6, "-", G. ", ( / . "&>,"G. "6.W4- " - ), (M(, \*\$ "8&06.0, "&"95.M(&46"6.W4- " - ), (M(, \*7&.6'0&,"( / 9' \*)&06.0, "&" '-, .5"6.W4- " - ), 6d"6( / ('-5' \*Q")&06.0, "&"&0. ", \*9. "&>"6.W4- " - ), (M(, \*7&.6'0&," ( / 9' \*)&06.0, "&"&,G.5"6.W4- " - ), 6\$ "8&06.0, "&" . 0F-F. "(0"6.W4- " - ), (M(, \* N(G"&0. "9.56&0"7&.6'0&," )&06,(4, . ")&06.0, "&" . 0F-F. "(0"6.W4- " - ), (M(, \* N(G"-0&,G.5"9.56&0\$"

8&06.0, " / -\*" -'6&"<. "N(G75-N0"-, -0\*", ( / . Q"95&M(7.7",G. "9.56&0"N(G75-N(0F" )&06.0, " / -R.6",G-, "R0&NO"(0)' . -5' \*407.56,-07-<' . "N&576"&5"-), (&06\$"



:" R.0k/?WR\$, 230k')Xk\$2/'2<; -, (OF"M(&' .0) ."(6"-0\*"M(&' .0) . "Y(0)'47(OF"<4,"  
0&,"(/ (.7",&" . / &,(&0-'Q"9G\*6(-'Q"6.W4-'Q"-07">(0-0)(-'"-<46."&5",G5.-,"&>"  
-<46.\ "<.,N..0",N&"9.&9'. "NG&"-5."&5"G-M."<..0"(0"-6&)(-"5.'-',(&06G(9"&>"-  
5& / -0,()&5"(0,( / -,."0-,45.\$"UG." .W(6,.0) . "&>"64)G"-5.'-',(&06G(9"N('"'7.9.07"  
&0",G."."0F,G"-07",\*9."&>",G."5.'-',(&06G(9"-07",G.">5.D4.0)\*"&>"(0,.5-),(&06"  
<.,N..0",G."9.56&06"(OM&'M.7\$"

; & / .6,()M(&' .0) ."(6"M(&' .0) . "<.,N..0",N&"9.&9'. "NG&"-5."&5"G-M."<..0"(0"  
-0"(0,( / -,."&5"5& / -0,()5.'-',(&06G(9"NG&"6G-5."-")G('7"(0")& / / &0" &5"NG&"  
'(M."&5"G-M." "(M.7",&F.,G.5"-6"69&46.6"&5"(0,( / -,."9-5,0.56"E(&' .0) ."-F-(06,"  
-0\*"9.56&0"<\*",G-,"9.56&0]6")-5.,-R.5"&5"F4-57(-0"Y64)G"-6"-<46."-F-(06,"-0"  
'7.5'\*Q"\*&40F" &5"7(6-<' .7"9.56&0\ " / -\*"-'6&"<." )&06(7.5.7"7& / .6,()"  
M(&' .0) . \$"=W- / 9'.6"&>"7& / .6,()M(&' .0) ."(0)'47."<4,"-5."0&,"(/ (.7",&"  
9G\*6(-'Q" . / &,(&0-'Q"6.W4-'Q",.)G0&'&F(-'"-07". )&0& / ( )-<46."&5",G5.-,"&>"  
-<46.\$"

2" =0.%V&/?:) i 0&N(OF'\*.0F-F(OF"(0"-)&456."&>")&074),7(5.),.7"-,"-69.)(>())"



(§ +4< / (66(&0",&"&5"5. .), (&0"&>64)G")&074), "(6" / -7. 0". (, G. 5". W9'()), (\*"&5" / 9'()), (\*"0"-, . 5 / "5")&07(, (&0"&>"-9. 56&0]6". / 9'&\* / . 0, 0"-)-7. / ( )" 6, -07(OF"0"&5"9-5, ( )9-, (&0"(0"-0\*"T0(M. 56(, \*95&F5- / "-07e&5"-), (M(, \*0"&5"(6" 46. 7"-6", G. "<-6(6"&5" T0(M. 56(, \*7. ) (6&06"->> . ), (OF", G. "(07(M(74- ""Y&>, . 0" 5. >. 55. 7", &"-6"ZD4(7"95&"D4&["G-5-66 / . 0, \d"&5"

((§ UG. ")&074), "G-6", G. "9459&6. "&5". >> . ), "&>b"

+4<6, -0, (-' '\*"(0, . 5>. 5(OF"N(G"0" / (, (OF"&5"7. 95(M(OF"- / . / <. 5"&>" , G. ")& / / 40(, \*"&5 / "-). 66(OF"&5"9-5, ( )9-, (OF"(0, G. "-)-7. / ( )" &5". / 9'&\* / . 0, . 0M(5&0 / . 0, 0"-07e&5"64<6, -0, (-' '\*"(0, . 5>. 5(OF" N(G"-0"(07(M(74-' ]6"-)-7. / ( )"9. 5>&5 / -0). "&5"N&5R" 9. 5>&5 / -0). d"&5" 85. -, (OF"-0"-)-7. / ( )"5"N&5R(OF". 0M(5&0 / . 0, G-, "-5. -6&0-<' . " 9. 56&0"N&4'7")&06(7. 5", &"<. "O, ( / (7-, (OF"0"G&6, ('. 0"&5"&>>. 06(M. \$"

=W- / 9'. 6"&>")&074), ", G-, " / -\*)"&06, (, 4, . "6. W4- "'G-5-66 / . 0, "(0)'47. b"

%5. 6645. ">&5"-7-, (OF"0"5& / -0, ( )0"&5"(0, ( / -, . "5. '-, (&06G(9d" TON. ')& / . "6. W4- "'-7M-0). 6d" TON. ')& / . ", &4)G(OF"0"R(66(OF"0"G4FF(OF"0"&5" / -66-F(OFd" %5. 6645. ">&5"&5"&5). 7"6. W4- "'-), (M(, \*d" T00. ) . 66-5\*"5. >. 5. 0). 6", &"9-5, 6"&> ", G. "<&7\*d" +. W4- "'(004. 07&. 60" F. 6, 45. 60"&5"G4 / &5d"&5" +. W4- "'F5->>(, (0"9( ), 45. 60"&5"9&6, . 56\$"

**8" #. 50&k' &- . / 03"**

-§ +\$, -%, & / . / 0" / . -06", G. "9. 56&0"NG&"G-6"<. . 0"( / 9-), . 7"<\*"0"-'' . F. 7" 9&' ) \*M(&' -, (&0"YUG(6"9. 56&0"(6)"-' . 7"-52-\$5025)&5"9459&6. 6"&> &, G. 5" )&074), "M(&' -, (&06"G-07'. 7"(0", G. " `>>(). "&> 8& / / 40(, \*"+, -07-576\$"

<§ **123-\$ / : 2 / 0" / . -06"-0"(07(M(74- "'&5"F5&49"NG&"G-6"<. . 0"5. 9&5. . 7", &"<. " , G. "9. 59. . 5-, &5"&>")&074), ", G-, ")&4'7")&06, (, 4, . "7(6)5( / (0-, (&00" G-5-66 / . 0, 0"&5"6. W4- "' / (6)&074), "-6"7. >(0. 7"407. 5", G(6"9&'()) \*\$"**

)§ **#. 50&23**(6"-, . 5 / " , G-, "5. >. 56", &, G. "8& / 9'-(0-0, "-07" J . 69&07. 0, " )&' . ), (M. ' \*\$"

7§ **12-\$5025" / . -06"-0"(07(M(74- "'NG&" / -7. "-5. 9&5, ", &, G. " `>>(). "&>" 8(M(" J(FG, 6"-07"U(, ' . "A ^ "8& / 9'(-0). \$"**

.§ **U 0 / 233) / . -06"-9. 56&0"NG&"G-6"R0&N'. 7F. "5. '-, . 7", &"69. )(>())"-69. ), 6" &>"-5. 9&5, \$"**

>§ **9 : A&3\$5" / . -06"-6499&5, "9. 56&0"NG&" / -\*"<. "95. 6. 0, ", &"95&M(7. "6499&5, " &"-8& / 9'-(0-0, "&5" J . 69&07. 0, "G5&4FG&4, "-0"(OM. 6, (F-, (&0"-07e&5" -', . 50-, (M. "5. 6&'4, (&0\$ #0"-7M(6&5" / -\*"0&, "-'6&"6. 5M. "-6"-N(, 0. 66"(0", G. " 6- / . " / -, . 5\$"**



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+D&' .?#)\$%&'2)R2- .50 , 2/0)Z)6[0D)R&305&'0)B'\$A253)+D&' .?#)\$' . , -43C)

8G()-F&"8- / 946b"! !PB"V&5,G"h-55-< . ."#M.\$Q"8G()-F&"

%G&0.b" L!!"&5"Y: !1"H??f?BBB"Y1?"G&456\"

c .<6(.b"G.,96beeNNN\$)G()-F&9&'().\$&5Fe-<&4,e9&'().f7(6.5(),6e!K,Gf7(6.5(),f  
[0.-5f0&5,Ge""](#)

L" 12-\$50&/?)OL&?.0&\$/3)

)//(8''%, -25%+3(- 9 :/#3--5(;''\*/06''&(5+06-''+(- 9 :/#3--5<1''6(&21601+-(  
5+06-''+5(\$%+=(+-1\*=%''&(#2(50:-2, %5#23(10+=#2%+3)(12-(#?/%&1+-6(+#(:2#9 :+/3(  
2- :#2+(





\ " **9** , / 230()>\$5)# .50&23) . / :) U &0 / 23323)

V&5,GN .6, .50".0)&45-F.6"5.9&5,(OF"&>7(6)5( / (O-,(&0"Q"5-66 / .0,"-07"6. W4- "" / (6)&074),"-07"9-5,(,)9-, (OF"(O"5.6&'4,(&0"95&).66.6"-07"6. .R6",&'5. / &M. "-0\*" <-55(.56",&" / -R(OF"-5.9&5,"&'5"9-5,(,)9-, (OF"(O"-95&).66\$UG. "TOM.56(,\*" 5.)&FO(X.6",G-,"-0"(O7M(74- "NG&"G-6"<. .O")&064 / (OF"-')&G&"Y(O)'47(OF" 407.5-F.")&064 / 9,(&0)"&5"46(OF"754F6"-,"G.,"( / ."&>"G. "(O)(7.0," / -\*"<." G.6(-,0,"&" / -R. "-5.9&5,"<.)-46. "&>"9&,.0,(-")&06.D4.0).6">&'5",G-,")&074),\$U&" .O)&45-F. "5.9&5,(OF"Q"-0"(O7M(74- "NG&" / -R.6"-F&&7">-,(G"5.9&5,"&)" 7(6)5( / (O-,(&0"Q"5-66 / .0,"&'5"6. W4- "" / (6)&074),",G-, "N-6"7(5. .,7"-,"G. / "&'5" -0&,G.5"9.56&0"&'5"9-5,(,)9-, .6"(O"-O"(OM.6,(F-,(&0"-6"-N,(O.66"&'5"9-5,\*"N("'"0&," <."64<. .), "&'7(6)(9'(O-5\*" -),( &0"<\*"G. "TOM.56(,\*">&'5"-)&074),"&'5"9&'O)\*" M(&'-,(&0">&'5"9.56&0-"" )&064 / 9,(&0"&'5"-')&G&"&'5"754F6",G-,"(6"5. '-, .7",&"-07" 5.M. -'.7"(O",G. "5.9&5,"&'5"(OM.6,(F-,(&0"Q"40'.66",G. "TOM.56(\*"7. ,.5 / (O.6",G-,"G. " M(&'-,(&0"N-6"6.5(&46"-07e&'5"9-).7",G. "G. -',G"&'5"6->. , \*"&)"&G.56"-,"5(6R\$" I &N.M.5"Q",G(6"7&.6"O&,".W, .07",&"G. "7(6,5(<4,(&0"Q"6"- .Q"&'5"&G.5N(6. "95&M(7(OF" -0&,G.5"(O7M(74- "N,(G- ')&G&"&'5"754F6">&'5",G. "9459&6.6">'(O74)(OF" (O)-9-),(, -,&0\$UG(6" # / O.6,\*"95&M(6(&0"7&.6"O&,"95. )'47. "&'5"95.M.O, -),( &0"<\*" 9&'O). "&'5"&G.5"'.F- ""-4,G&5,(.6\$UG(6" # / O.6,\*"95&M(6(&0" / -\*" -'6&"-99"\*,"&" 6,47.0,"F5&496" / -R(OF"-5.9&5,"&>'7(6)5( / (O-,(&0"Q"5-66 / .0,"&'5"6. W4- "" / (6)&074),\$"

J" **Y522)S ; -5233(\$ / ). / :)9' . :2 , &' )Y522: \$ , )**

V&5,GN .6, .50"(6">5 / '\*)& / / (, .,7",&">5. .".W95.66(&0"-07"-)-7. / ( )" >5. .7& / \$" UG. "TOM.56(\*"6".D4-'1\*")& / / (, .,7",&)"5. -, (OF"-07" / -(O,-(O(OF"-6->.0"Q. -',G\*Q" -07"G-5-66 / .0,f>5. .".OM(5&0 / .0,">&'5"-'" / . / <.56"&>"(6")& / / 40(\*"Q"-07">5 / '\*" <.'. (M.6",G-,"G.6. ",N&"'.F,( / -, ."(O, .5.6,6")-0"&".W(6,\$"

; (6)5( / (O-,(&0"Q"5-66 / .0,"&'6. W4- "" / (6)&074),Q"-07"5. ,-'(-,(&0"-F-(06, / / . / <.56" &>"G. "V&5,GN .6, .50")& / / 40(\*"5. "0&,"95&, .), .7".W95.66(&0"&'5",G. "95&9.5" .W.5)(6. "&")-7. / ( )" >5. .7& / \$"UG. "TOM.56(\*"N("'" )&06(7.5-)-7. / ( )" >5. .7& / " (O",G. "(OM.6,(F-,(&0"&'5"9&5,6"&'7(6)5( / (O-,(&0"Q"5-66 / .0,"&'6. W4- "" / (6)&074)," &'5"5. ,-'(-,(&0",G-, "(OM&'M. "-0"(O7M(74- 'J"6,-, . / .0,6"&'5"69. .)G\$"

^" **P&0(2)!Q) . / :)X9 U 9)=0.02 , 2/0)**

A,"(6",G. "9&'O)\*"&>"V&5,GN .6, .50",&)"& / 9'\*"N(G"U(' . "A ^"&>"G. "=74)-,(&0" # / .07 / .0,6"&)" !LH1"Y-07"-'"&G.5"-99'()-<' ."-N6"5.F-57(OF"40"-N>4" 7(6)5( / (O-,(&0"-07"G-5-66 / .0,"(O)'47(OF"Q"<4,"O&,""( / (, .7",&Q"U(' . "EAA"&>"G. " 8(M("J (FG,6" # ), "&>"!LP?"-07",G. "A'"(O&(6" I 4 / -O"J (FG,6" # ), \Q"NG(O)G"95&G(<(,6" 7(6)5( / (O-,(&0"Y(O)'47(OF"6. W4- ""G-5-66 / .0,"-07"6. W4- ""M(&' .O). \<-6.7"&0"6".W" (O",G. "TOM.56(\*"6".74)-,(&0"- "95&F5- / 6"-07"-), (M,(.6\$UG. "TOM.56(\*"J"6"AO, .5( / %&'O)\*&'O"U(, ' . "A ^"+. W4- "" I -5-66 / .0," / -\*"<. ">&407"G.5.b" [G.,96beeNNN\\$O&5.GN.6,.50\\$.74e.D4\(\\*e7&\)4 / .0,6e\(O,.5\( / f9&'O\)\\*f&Of\(,.'f\(W\\$97>\\$](#) A,"(6"- '6&"V&5,GN .6, .50]6"9&'O)\*,"&)"& / 9'\*"N(G",G. "3.-00. "8'.5\*" ; (6)'&645. "&>" 8- / 946"+. )45(\*"%&'O)\*"-07"8- / 946"85( / .6"+, -(,6)(6" # ),Q"-6"- / .07.7"<\*"G. " E(&' .O). "#F-(06," c & / .O"# ),\$"U(, ' . "A ^"95&G(<(,6"5. ,-'(-,(&0"&'5"-66.5,(OF"&'5" &G.5N(6. "9-5,(,)9-, (OF"(O)'-( / 6"&'6. W"7(6)5( / (O-,(&0\$"

E # c # "( / 9&6.6"-77,( &0-""74,(.6"&0"40(M.56(,(.6"-07"))&' .F.6",&"(OM.6,(F-, ."-07"



5.69&07",&"5.9&5,6&>"6.W4-"-66-4',Q"6,-'R(OFQ"-07"7-, (OF"&5"7& / .6,())"M(&' .0) .Q"  
-07",&"94<'(6G"9&' )(.6"-07"95&) .745.6"5. '-, .7",&",G. "N-\*",G.6."5.9&5,6"-5."  
G-07'.7\$"V&5,GN.6,.50"G-6"7.6(FO-, .7",G. "U(, ' "A^"8&&57(0-,&5Q"N(G"-66(6,-0) ."  
&>",G. " ; .94,\*"U(, ' "A^"8&&57(0-,&56

; (6)(9'(0-5\*"6469.06(&0"  
+469.06(&0"N(G"9- \*" )  
+469.06(&0"N(G&4, "9- \*" )  
=W94'6(&0"  
U.5 / (0-, (&0"&>". / 9'&\* / .0,"  
J.M&)-, (&0"&>". .045."  
; .F5. . "G&'7"  
; .F5. . "5.M&)-, (&0"  
U.5 / (0-, (&0"&>)&0,5-), "Y>&5")&0,5-), &56\

UG. "T0(M.56(\*" / -\*" -66(F0"&G.5"6-0), (&06"-6"-995&95(-, .", &G. "9-5, ()4'-5"6(4-, (&0\$  
+-0), (&06"-07")&55. ), (M. "-), (&06"N('"'<. "( / 9&6.7"(0"-))&57-0). "N(G"5'. 'M-0, "9&'()(.6"  
-07e&5"95&). 745.6"-07"&G.5"5.D4(5. / .0,6"6. , ">&5,G"(0",G. "-99'()-<' . "+, ->>" I -07<&&RQ"  
@-)4' ,\*" I -07<&&RQ"+,47.0, " I -07<&&RQ"&G.5"9&'()(.6"&5"G-07<&&R6",G-, " / -\*"<."  
7.M. '9.7"&M.5", (/ .Q"&5")&0,5-), 6\$AO"-77(, (&0", &"( / 9&6(OF"6-0), (&06Q",G. "T0(M.56(\*" / -\*" )  
, -R. "6, .96", &5. / .7(-, .", G. ".>>.), 6"&>"-M(&'-, (&0"&0",G. "( / 9-), .7"9-5, (.6"-07"&G.56\$"

@&'&N(OF"-0"(OM.6,(F-, (&0Q",G. "T0(M.56(\*" / -\*"&>>.5"-77(, (&0-" / .-645.6Q"-07e&5", -R. "  
&,G.5"-), (&0", &". '( / (0-, ."-0\*"G&6, ('. ".OM(5&0 / .0,")-46.7"<\*" ,G. "7(6)5( / (0-, (&0Q"  
G-5-66 / .0, "&5"6.W4-" / (6)&074), Q"95.M.0, ",G. "5. )455.0). "&>"-0\*"64)G")&074), Q"-07"  
5. / .7\*" ,G. ".>>.), 6"&>"-0\*"64)G")&074), "&0",G. "8& / 9'-(0-0, "-07",G. "T0(M.56(\*" )  
)& / / 40(\*\$"+4)G" / .-645.6" / -\*(O)'47.Q"<4, "-5. "0&, "( / (.7", &Q",G. "-), (&06"5.>.5.0).7"  
-<&M. "(0"+. ), (&0"AY@\Y1\Q"-6"N. "'"-6",5-(O(OF"&5"&&G.5" / .-645.6\$"

V&OfJ .,-'(-,&0"  
%&'()\*&0" S (0&56"-,"V&5,GN.6.,.50"  
%&'()\*&0"8&06.064-""J & / -0,()"&5"+.W4-""J.'-,&06G(96"<.,N..0"@- )4',\*0"+,->>"  
-07"+,47.0,6""  
+, ->>" I -07<&&R"  
+,47.0," I -07<&&R"

\*" **O0D25)**&/>\$5 , .0&\$ / )  
;.9-5, / .0,"&>"=74)-,&0" `>>().">&5"8(M("J(FG,6")& / 9'-(0,">&5 / 6""  
=,G()6%&(0,"  
J.6&45)."C4(7."&0"V&0fU(,". "A^"+.W4-"" S (6)&074)," S -,...56"  
J.6&45)."C4(7.">&5"J.69&07.0,6"(0"V&0fU(,". "A^"+.W4-"" S (6)&074)," S -,...56"  
J.6&45)."C4(7."&0" ; (6)5( / (0-,&0"-07" I -5-66 / .0,"  
+.W4-"" S (6)&074)," J.69&06." I "%5.M.0,(&0"5.6&45)."9-F. ""  
T0(M.56(\*"%&'(). "#004-""+.)45(\*" I "@(5."+->.,\*" J.9&5,"  
T0(M.56(\*"%&'(). "C4-5-0,...">&5"+.W4-"" #66-4',"E()),(/ 6"

!" **T&30\$5()**  
UG(6"9&'()\*"N-6".0-),.7"&0"#4F46,"!?"1B1B"-07"497-,.7"&0"+.9, / <.5"!?"1B1!"-07"  
+.9, / <.5"!?"1B11\$"" S (7\*.-5"497-,.6"-775.66(OF")G-OF.6",&,G."8(\*"&>"8G()-F&]6"6.W4-""

7(6)5( / (0-,(&0Q"G-5-66 / .0,"&5"6.W4-"" / (6)&074),"-5."0&,".0,(.'7",&,G."95&).66"6.,">&5,G"  
(0",G(6"9&'(\*)"\$UG."`>>()."&>"8(M("J(FG,6"-07"U(,'."A^"8&/9'(-0). "YZ,G."`>>(). [\'(6"  
5.69&06(<'.">&5"G-07'(OF"5.9&5,6"-'.F(OF"7(6)5( / (0-,(&0Q"G-5-66 / .0,"-07"6.W4-"  
/ (6)&074),\$"A0"-77,(&0Q",G."`>>()."/ -\*" )&06&'(7-,.)&/9'-(0,6"-'.F(OF"7(6)5( / (0-,(&0Q"  
G-5-66 / .0,0"&5"6.W4-"" / (6)&074),407.5",G(6"9&'(\*)"N(G)"&/9'-(0,6"-'.F(OF"9&,.0,(-"  
M(&'-,(&06"&>"&,G.5"TO(M.56(,\*"9&'(\*) (.6"NG.5.",G."-'.F-,(&06"-5(6."&4,"&>,G."6- / ."->),6"&5"  
)5)4 / 6,-0).6\$UG."TO(M.56(,\*" / -\*" -99'\*,G.6." )&/9'-(0,"5.6&'4,(&0"95&).745.6",&'64)G"  
)&06&'(7-,.)&/9'-(0,6"(0"9'-). "&>,G." )&/ / 40(,\*"6,-07-576"-7 / (0(6,5-, (M."G.-5(OF"  
95&).66"YT I #+\ "&5"&,G.5"TO(M.56(,\*"(OM.6,(F-,(&0"95&).66",G-, "&,G.5N(6."N&4'7"-99'\*\$"  
TO(M.56(,\*"F5&496Q"(O)'47(OF"6,47.0,"F5&496Q"-07"7.9-5, / .0,6"-5.".W9.),.7",&'5.9&5,"  
)&0).506"5.F-57(OF"-'.F.7"&5"6469.),.7"7(6)5( / (0-,(&0Q"G-5-66 / .0,0"&5"6.W4-"  
/ (6)&074), "&,G."`>>()."&>"8(M("J(FG,6"-07"U(,'."A^"8&/9'(-0)."-07"0&,"&,-R."-),(&0"  
,&"-., / 9",&"(OM.6,(F-,."&5"5.6&'M."64)G)"&/9'-(0,6"(07.9.07.0,"\*\$"##"5.9&5,6"&>"-'.F.7"  
M(&'-,(&06"&>"&,G(6"9&'(\*)"N("<."G-07'.7"(0"-95&/9,0">-(5Q"-07"( / 9-5,(-" / -00.5"(0"  
-))&57-0)."N(G",G.6." )&/9'-(0,"5.6&'4,(&0"95&).745.6Q",G.5"TO(M.56(,\*"9&'(\*) (.6"-07"  
95&).66.6Q"-07"-99'()-<'."-N6"-07"5.F4'-,(&06Q"(O)'47(OF"U(,'."EAAQ"U(,'."A^Q"("G."  
B("-%#!%C6.(#&D"3%#C!&Q",G."=-(#'"(\$>-%8%#&(#6';%90.-'B("-%#!%#(#@6,%\*"  
E10!.&("C!&\$"

UG."95&).66"7.6)5(<.7"<.'&N"(6"V&5,GN.6.,.50]6"(0,.50-"TO(M.56(,\*"95&).66",&'7.,.5 / (0."  
NG.,G.5"V&5,GN.6.,.50"9&'(\*)"N-6"M(&'-,.7"-07"(6"0&,"-")&45,"6\*6., / \$"#6"64)GQ"  
V&5,GN.6.,.50]6"95&).66"7&.6"0&,"46.",G."6- / .54'.6"&>"95&).745."-07".M(7.0)."-6",G&6."  
46.7"<\*)"&45,6"&5"-N".0>&5). / .0,\$"9)-253\$/ND\$)D.3)2; -25&2/ '2:.)'5&, 2)D.3)0D2)  
5&?D0)0\$)3&, 4%0. / 2\$43( )>#2). / :)-45342.)'5&, &/ .%)'\$ , -%.&/0)N&0D)%N)2 / >\$5'2 , 2 / 0)  
. / :.)'\$ , -%.&/0)N&0D)0D2)F / &A253&0( )&#0D2( )'D\$\$32) . / : )0\$)L2).33&302 : J( )0D2)  
F / &A253&0( )&/ \$0&> (&/ ?)%N)2 / >\$5'2 , 2 / 0).40D\$5&0&23&#0D2( )'D\$\$32)(\$5)0\$ : 2'## / 2)0\$)  
/ \$0&> ( )34'D).40D\$5&0&23\$% -5, (.6" / -\*" -'6&"G-M."&9,(&06",&>('.)M("'-),(&06"(0")&45,\$"

2.)-46."-'.F-,(&06"&>"7(6)5( / (0-,(&0Q"G-5-66 / .0,"-07"6.W4-"" / (6)&074),"-0"6&/ ., / .6"  
5-(6.")G-".OF(OF"0.N"(664.6Q",G."TO(M.56(,\*"5.6.5M.6"7(6)5.,(&0",&,-R."5.-6&0-<'."-),(&06"  
,&-775.66",G&6."(664.6"(0"- / -00.5")&06(6.,0,"N(G",G."69(5,"&>,G."-99'()-<'."9&'(\*) (.6"  
-07"95&).745.6Q"NG('."95.6.5M(OF">-(50.66"&5"<&,G"9-5,(.6"-07" / -(0,-(OF",G."(0,.F5(,\*"&>  
,G." )&/9'-(0,"5.6&'4,(&0"95&).66\$ c G.5.",G(6%"&'(\*)"\*(6(.'0,"&0"-95&).745-""(664.0"-07"0&"  
&,G.5"-99'()-<'."9&'(\*)"F&M.506",G."(664.0",G."`>>()."&>"8(M("J(FG,6"-07"U(,'."A^"  
8&/9'(-0)."G-6"7(6)5.,(&0",&-7&9,"6&407"95-),().6\$"

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UG."TO(M.56(,\*"(OM(.6"9-5,(.6",&"9-5,())9-,.">4'"\*(0",G." )&/9'-(0,"5.6&'4,(&0"95&).66\$A0"  
&57.5">&5",G."TO(M.56(,\*",&"(OM.6,(F-,."-")&/9'-(0,"-07e&5".0-<'."-J.69&07.0,"&">4'"\*

8 & / 9'-(0-0,"N-0,6",G."T0(M.56(\*,&)"&074),"-0"(OM.6,(F-,(&0"407.5",G.6."95&).745.6"<4,"  
7&.6"0&,"N(6G",&"9-5,( )9-,."(O",G."(OM.6,(F-,(&0)",G."T0(M.56(\*"N('"7.,.5 / (O."NG.,G.5"(,"  
(6"9&66(<'."&" / &M.">&5N-57"N(G&4,"G."8 & / 9'-(0-0,]6"9-5,( )9-,(&0\$"A0"6& / .")-6.6()",  
N('"0&,"<."9&66(<'."&"7&"6&5"A>"-0"(07(M(74-"5.9&5,(OF"7(6)5( / (O-,(&0"q"G-5-66 / .O,"&5"  
6.W4-" / (6)&074),)5.D4.6.6"-0&0\* / (\*,"&5"7&.6"0&,"N(6G",&"95&). .7"N(G"-0"(OM.6,(F-,(&0"  
,G."T0(M.56(\*"N('"-.,. / 9,"&"G&0&5",G-,5.D4.6.<4,q"(O"6& / .")-6.6()",G."`>>()."&>"8(M(""  
J(FG,6"-07"U(,".A^"8& / 9'(-0)."/-\*"7.,.5 / (O.",G-,G."T0(M.56(\*O..76",&"95&). .7"N(G,"  
-0"(OM.6,(F-,(&0"q"(O)'47(OF"9&.,0,(-'"\*7(6)'&6(OF",G.(7.0,(,\*"&>,"G."8 & / 9'-(0-0,\$"A0"64)G"  
)-6.6()",G."`>>()."&>"8(M("J(FG,6"-07"U(,".A^"8& / 9'(-0).N('"0&,"& / 9.'"'-0"(07(M(74-"  
,&"9-5,( )9-,."(O",G."(OM.6,(F-,(&0\$"UG."`>>().N('"'&06(7.5",G.">&'&N(OF">-),&56"(O"  
5.-)G(OF"-7.,.5 / (O-,(&0"&0"NG.,G.5",&"95&). .7b"Y!\",G.",&,-'(\*,"&>,"G."R0&N0"  
)5)4 / 6,-0).6"Y1\",G."95.6.0)."&>"-0\*"5(6R">-),&56"-6"&4,'(O.7"<.'&N\$Y:\",G."9&.,0,(-"  
( / 9-),"&>"64)G"-),(&0Y6\"&0",G."8 & / 9'-(0-0,q"Y?"-0\*"M(7.0). "6G&N(OF"J.69&07.0," / -7."  
6,-. / .0,6"&>"-7 / (66(&0"&5"&G.5N(6.-)).9.,7"5.69&06(<('(\*"&>5",G."-'F.7")&074),q"Y0\  
,G.".W(6.0)."&>"-0\*"07.9.07.0,(O>&5 / -,(&0"&5".M(7.0)."5.F-57(OF",G."-'F.7")&074),q"  
-07"YP\"-0\*"&G.5"-M-(-<'."-07"5.'.M-0,(O>&5 / -,(&0\$"J(6R">-),&56"(O)'47.b"

UG."0-,45."-07"6)&9."&>,"G."-'F.7")&074),q"(O)'47(OF"NG.,G.5",G."5.9&5.,7"  
<.G-M(&5"(OM&"M.6",G."46."&>"-N.-9&0q"9G\*6(-"M(&'0).q""&5" / 4,(9'."  
J.69&07.0,6d"

UG."5.69.), (M."-F.6"-07"5&'6"&>,"G."8 & / 9'-(0-0,"-07"J.69&07.0,d"  
UG."5(6R"9&6.7",&"-0\*"07(M(74-"&5",&,"G.)- / 946")& / / 40(\*,"<\*"0&,"95&). .7(OF"  
(O)'47(OF",G."5(6R"&>"-77,((&0-"M(&'0).d"

@-)4',\*" I -07<&&RQ"&5"+,->>" I -07<&&R\$"UG(6"95&M(6(&0"7&.6"0&,"-99'\*,&"-F&&7">-(,G" 5.9&5,"G-,"(6"0&,"64<6,-0,(-,.7"&5"95&M.0"<\*" -"95.9&07.5-0)."&>,"G." .M(7.0).\$"

**42%, I\*3(I'6(H=12%'&(#A(F''A#29 I+%#''(**

UG. "TO(M.56(\*))&06(7.56"5.9&5,6"-07"(OM.6,(F-,(&06",&"<. "95(M-,." / -,,.56">&5",G. "9-5,(.6" (OM&'M.7\$"@&5",G-,"5.-6&0Q",G. "TO(M.56(\*"N('"95&,.)",G. "(7.0,(,\*&>9.56&06"(OM&'M.7"(O" 5.9&5,6"&>"-''.F.7"M(&'-,(&06"&>,"G(6"%&'(\*)",&"G. "<.6,"&>(",6"-<'(\*"\$UG. "TO(M.56(\*"N('" &O'\*"6G-5. "9.56&0-'\*'"(7.0,(>(-<'."(O>&5 / -,(&0"N(G"9.56&06"N(G"-0..7",&"R0&N"64)G" (O>&5 / -,(&0"(O"&57.5">&5",G. "TO(M.56(\*,"&"(OM.6,(F-,."-07"5.69&07",&"G. "5.9&5,"&5",&" 95&M(7."5.6&45).6"&5"6499&5,"6.5M().6\$"UG. "(7.0,(.6"&>"N(0.66.6"-5.",\*9(--'\*"6G-5.7"

V&(OM.6,(F-,&5Q"9-0.'(6,Q"&5"-99.-'"5.M(.N.5"N('"/-R.">(07(OF6"&5"7.,.5/(0-,(&06"(O"-)  
)-6."(O"NG()G",G.\*"G-M."-"/-,.5(-'"&0>'()),"&>(0,.5.6,"&5"/-,.5(-'"<(-6\$"#0\*"9-5,\*"NG&"  
<.'(M.6"&0."&5"/&5."&>,G.6."T0(M.56(\*"&>>)(-'6"G-6"-9&,.0,(-'" / -, .5(-'"&0>'()),"&>"  
(0,.5.6,"&5"/-,.5(-'"<(-6"/46,"5-(6.",G.")&0).50",&,G."`>>())."&>"8(M("J(FG,6"-07"U('."A^"  
8&/9'(-0)."N(G(O",N&"Y1\))-'.07-5"7-\*6"&>"7(6)&M.5(OF",G."9&,.0,(-'"&0>'()),"6&,G-,,"G."  
`>>())."&>"8(M("J(FG,6"-07"U('."A^"8&/9'(-0)." / -\*"M-'4-,,"G.")&0).50"-07">(07"-  
64<6,(4,.Q"(>-995&95(-,.\$"UG."#66&)(-,."E())."%5.6(7.0,">&5"8(M("J(FG,6"-07"U('."A^"  
8&/9'(-0)."&5",G.(5"7.6(F0..N('"7.,.5/(0."NG.,G.5"-)&0>'()),"&>(0,.5.6.".W(6,6\$UG."  
>-('45."&>"-9-5,\*"&,( / ."\*"5-(6."-")&0).50"&>"-")&0>'()),"&>(0,.5.6,"&5"<(-6"/-\*"5.64',"0"-  
N-(M.5"&>,G."(664.">&5"9459&6.6"&>-0\*"99.-'\$"

**H+I''6I26(#A(M,%6-''\*-(**

UG."T0(M.56(\*"46.6",G."95.9&07.5-0)."&>,G.".M(7.0).6,-07-57"(O"(OM.6,(F-,(&06"&>"  
)&/9'-(0,6"-'.F(OF"7(6)5(/(0-,(&0Q"G-5-66/.0,"&5"6.W4-"/(6)&074),"-07"-0\*"5.'-.7"

**J" !/0&.%)!/`4&5()**

T9&0"5.).(9,"&>"-5.9&5,"&>"7(6)5(/(O-,(0Q"G-5-66/.0,"&5"6.W4-" / (6)&074),Q"&5"NG.0"-  
8&/9'-(0-0,"&G.5N(6.")G&&6.6,"&/&M.">&5N-57"N(G",G.")&/9'-(0,"5.6&'4,(0"95&).66Q"  
,G.">56,"6,.9"(6"-0"(0(-'"OD4(5\*"\$#0"(0(-'"OD4(5\*(6"-0"-66.66/.0,"<\*"G."`>>())."&>"8(M(""  
J(FG,6"-07"U(,"A^"8&/9'(-0)."-6",&"NG.,G.5",G."-''.F-,(06Q(">"64<6,-0,(-,.7Q"N&4'7"5(6."  
,&G."".M."&>"M(&'-,(&0"&"T0(M.56(\*%&'()\*Y(.6\d"-7.,.5/(0-,(0"&>"G."69.)(>())  
9&'()\*Y(.6"/9'(-),.7d"-07"-0"-66.66/.0,"&>"-995&95(-,.T0(M.56(\*"5.69&06.\$"

#6"-5.64',"&>"G."(0(-'"OD4(5\*Q",G."`>>())."&>"8(M("J(FG,6"-07"U(,"A^"8&/9'(-0)."/-\*"  
7.,.5/(0.",G-,"G.")&074),5.9&5,.7">-'6"407.5",G."6)&9."&>"G."T0(M.56(\*J6"AO,.5(/"  
%&'()\*"0"U(,"A^"+.W4-"I-5-66/.0,"-07"95&).7",&"-99"\*",G."95&).745.6"&>"G-,"9&'()\*"\$"

A>"G."`>>())."&>"8(M("J(FG,6"-07"U(,"A^"8&/9'(-0).7.,.5/(0.6",G-,"G.")&074),5.9&5,.7"  
)-00&,">-'407.5",G."6)&9."&>"G."AO,.5(/"%&'()\*"0"U(,"A^"+.W4-"I-5-66/.0,"<4,")&4'7"  
>-'N(G(0",G."6)&9."&>"G(6%&'()\*Q",G."9&66(<'."0.W,"6,.96"(0)'47.b"

8'&6.",G."8-6.b"UG."`>>())."/-\*)" '&6."-)-6."NG.0"(064>>()).(0,(0>&5/-,(0".W(6,6"  
,&/&M.">&5N-57"&5"NG.0",G."-''.F.7"/(6)&074),j.M.0(">"64<6,-0,(-.7j"N&4'7"  
0&,"<."-M(&'-,(&0"&"9&'()\*"\$UG."`>>())."/- \*Q"(0"(6"7(6)5.,(0Q"5.&9.0"-)-6."(0",G."  
>4,45."(>-77(,(0-'"(0>&5/-,(0"<.)&/.6"-M-('-<'\$.  
=74)-,(0-"J.69&06."Y+..6.),(&0"8"<.'&N\  
#7/(0(6,5-(M."J.M(.N"Y+..6.),(&0";<.'&N\  
#',.50-(M."J.6&'4,(0"Y+..6.),(&0"="<.'&N\  
&@5/-"J.6&'4,(0"Y+..6.),(&0"@<.'&N\  
"

**+ " S : 4' .0&\$/.%)123-\$/32)**

=74)-,(0-"5.69&06."(OM&'M.6"/.-645.6",-R.0"<\*"G."T0(M.56(\*"(0"5.69&06.",&"-5.9&5,"  
&>"7(6)5(/(O-,(0Q"G-5-66/.0,"&5"6.W4-" / (6)&074),"NG.0">&5/-"5.6&'4,(0"(6"0&,"  
7.6(5.7"<\*"G."9.56&0"NG&" / -\*"G-M."W9.5(.0).7",G." / (6)&074),Q"NG.0",G.5."(6"0&,"  
.0&4FG"(0>&5/-,(0",&"95&)..7"N(G"->&5/-"5.6&'4,(0"95&).66"-F-(06,"-R0&N0"



NG&" / -\*"G-M. ".W9.5(.0).7",G. " / (6)&074),Q"NG.0",G.5. "(6"0&,".0&4FG"(O>&5 / -,(&0",&"  
95&). .7"N(G"->&5 / -'5.6&'4,(&0"95&).66"-F-(06,"-R0&N0"J.69&07.0,Q"-07e&5"NG.5.",G. "  
`>>(). ">"8(M("J(FG,6"-07"U(,'.A^"8& / 9'(-0). "7.. / 6'(", "-0"-995&95(-,."5.69&06.\$"  
"

AO"7.,.5 / (O(OF"NG.,G.5",&)"&074),"-0"-7 / (O(6,5-,(M."5.M(.N"&>"-'.F-,(&06Q",G. "`>>(). "N('"  
)&06(7.5-'"R0&N0"(O>&5 / -,(&0Q"(O)'47(OF"Y!\",G."0-,45."-07",G."6.M.5(\*"&>,"G. "

6G-5.7"N(G",G&6."(OM.6,(F-,(OF",G." / -.,.5"<4," / -\*"<." / -(0,-(0.7"<\*",G."`>>()."&"8(M(" J(FG,6"-07"U(,"A^"8&/9'(-0). "Y` 8 J\`\$""!

""!

#'"9-5,(.6"N('"<.-6R.7",&"95&M(7."M&'40,-5\*Q"N5(, .0")&06.0,"&".G."-',.50-,(M."5.6&'4,(&0" 95&).66"<.>&5."("<.F(06\$PD&3)-5\$'233)N&W)/\$0)L2)432:)0\$)523\$A2).%2?.0k\$/3)0D.0.) /) 2, -%\$(22)34La2'02:.)304:2/0)0\$)P&0%2)!Q)=2;4.%T.5.33, 2/0).3):2>k/2:)&/)0D2) !/025k , )P&0%2)!Q)=2;4.%T.5.33, 2/0)-\$%k' ("'#',.50-,(M."J.6&'4,(&0" / 46,"<."7.. / .7"-6" -0"-995&95(-,."&9,(&0"<\*",G."U(,"A^"8&&57(0-,&5&5",G.(5"7.6(FO.."(O"&57.5",&" / &M." >&5N-57\$A0"-66.66(OF",G."-995&95(-,.0.66"&>"-',.50-,(M."5.6&'4,(&0Q")&06(7.5-,(&06" / -\*" (O)'47.Q"<4,"-5."0&,"( / (.7",&Q",G."9G\*6(-"G.-',G"-07e&5"6->.,\*"&>,"G.")- / 946" )& / / 40(\*Q",G."6.M.5(\*"&>,"G.")&074),Q"-07"NG.,G.5",G.5."G-M."<..0"-0\*"95(&5"9&'()\*" M(&'-,(&06\$

(0)'47.6b"

V&(), ">"V&5,GN.6,.50]6")& / 9'-(0,"5.6&'4,(&0"95&).66\$"

.G5&4FG">&5 / - "5.6&'4,(&0\$"; .9.07(OF"49&0",G. ")5)4 / 6,-0).6Q"&0."&5" / &5."(OM.6,(F-,&56"  
N('"<."-66(F0.7">5& / ",G."`>>(). ">"8(M("J(FG,6"-07"U('."A^"8& / 9'(-0).\$"A0"6& / ".)-6.6Q"  
-0&,G.5"TO(M.56(\*">>(). " / -\*")&074),"-0"(OM.6,(F-,(&0"407.5",G. "7(5.),(&0">,"G."`>>().Q"  
&5"-0"&4,6(7."(OM.6,(F-,&5" / -\*"<."5.,-(0.7\$"#'"(OM.6,(F-,&56"-5.",5-(0.7"&0"-99')-<'."'-N"  
-07",G."TO(M.56(\*J6"9&'')(."6"-07"95&).745.6\$"; .9.07(OF"&0",G. ")5)4 / 6,-0).6"-07"(0",6"  
7(6)5.,(&0Q",G."TO(M.56(\*" / -\*".(,G.5")&06&'(7-,."&5"6.M.5",G."(OM.6,(F-,(&0"-07e&5"  
6-0),(&0(OF"&> / 4',(9'." )& / 9'-(0,6"(OM&'M(OF",G. "6- / ".J.69&07.0,"-07e&5")& / 9'-(0,6"  
NG.5.",G."9-5,(.6"G-M." / -7."7(6)5( / (0-,(&0Q"G-5-66 / .0,"&5"O&OfU('."A^"6.W4-"  
/ (6)&074),"-'.F-,(&06"-F-(06,".-)G&,G.5\$AO",G. ".M.O,"-")& / / 40(\*" / . / <.5"N(G"  
/ 4',(9'."->>('(-,(&06"N(G",G."TO(M.56(\*"Y.\$F\$Q"-6,->> / . / <.5"NG&"(6"-6&"-6,47.0,\'(6"  
>&407",&G-M."M(&'-.7",G(6"9&'()\*Q",G."TO(M.56(\*" / -\*"(O,(-,." / 4',(9'. "6-0),(&0(OF"

/ -\*"64< / (,"-77(,&0-" / -, .5(-'6"&5"(O>&5 / -,(&0",&"G."(OM.6,(F-,&5Y6\ "-, -0\*",(/ . "<.>&5." ,G.")&0)'46(&0"&>,"G."(OM.6,(F-,(&0\$"

D- :#2+(2-, %- \$(:2#\*-602-5((

6" #52%& , &/ .5()!/A230&?.0&A2) 12- \$50<

#>, .5" .-)G"9-5,\*"G-6"G-7",G. "&99&5,40(\*,"&" / . . , "N,G"(OM.6,(F-,&5Y6\)(7.0,(>\*" N(,0.66.6q"95&M(7. . M(7.0) .q"-07"64FF.6,"D4.6,(&06q"-07",G."(OM.6,(F-,&5Y6\ "G-M." )& / 9' . ,.7"N(,0.66"(O,.5M(.N6"-07",G. "F-,G.5(OF"&>".M(7.0) .q",G."(OM.6,(F-,&5Y6\ N('"95.9-5. "-95. '( / (0-5\*(OM.6,(F-, (M. "5.9&5,\$"UG. "95. '( / (0-5\*(OM.6,(F-, (M. " 5.9&5,"N('"(O)'47. "-64 / / -5\*"&>,"G. "5. ' .M-0,"(O>&5 / -, (&0"95&M(7.7"<\*" 8& / 9'-(0-0,q" J .69&07.0,q"-07".-)G"N(,0.66q"-07"-)&9\*"-07e&5"N5(, .0" 64 / / -5\*"&>"-' "5. ' .M-0, . M(7.0) .)"&' . ), .7"745(OF",G."(OM.6,(F-,(&0\$"UG. " 95. '( / (0-5\*(OM.6,(F-, (M. "5.9&5,"N('"0&," )&0, -(0"-0\*">(07(OF6\$"

UG. "9-5,(.6"N('"<. "95&M(7.7"N(G"-0"&99&5,40(\*,"&"5.M(.N",G. "95. '( / (0-5\*" (OM.6,(F-, (M. "5.9&5, "-07"5.69&07"(O"N5(, (OF\$ "U\*9()-'"\*q",G. "5.9&5,"N('"<. " 95&M(7.7",&" .-)G"9-5,\*" . ' . ),5&0()-'"\*

Q%''1/(F'', -5+%&I+%, -(D- :#2+(1''6(70+\*#9 -(

#>, .5"5. M(.N(OF"-''">..7<-)R"64< / (,,.7"<\*",G. "9-5,(.6",&,G. "95.'( / (O-5\*" (OM.6,(F-, (M." 5.9&5,Y6\Q",G. "(OM.6,(F-, &5Y6\ "N('"(O)&59&5-, ."-''5. '.M-0,">.7<-)R"(O,&"->(O-"" (OM.6,(F-, (M."5.9&5,\$"UG.">(O-""(OM.6,(F-, (M."5.9&5,"N('")&0,-(O"-''"(O>&5 / -, (&O">5& / ",G. " 95.'( / (O-5\*"5.9&5,Q"-O\*"5.69&06. ",&',G. "95.'( / (O-5\*"5.9&5,"64< / (,,.7"<\*",G. "8& / 9'-(O-0,"

**Y\$5)304 : 2/0) 123- \$/ : 2/03**(0",G. ".M.0,"-9&'()\*M(&'-,(&0'(6">&407)G. "  
`>>(). ">"8(M("J(FG,6"-07"U(,'. "A^"8&/9'(-0). "N("95&M(7. ",G. ">(0-"  
(OM.6,(F-, (M. "5.9&5,"&,G. "`>>(). ">"8&/ / 40(\*"+,-07-576"NG&"N(""  
7.,.5 / (0."6-0),(&06"-07")&55.), (M. "-),(&06"(0"-))&57-0). "N(G",G. "  
95&). 745.6"6., ">&5,G"(0",G. "+,47.0, " I -07<&&R\$"UG. "`>>(). ">"8&/ / 40(\*"  
+,-07-576"N("95&M(7. "N5(.,. 0"0&,(. ">"-0\*"6-0),(&0Y6"(/ 9&6.7",&,G. "  
9-5,(.6">5"M(&'-,(&06">),G(6"9&'()\*6( / 4',-0.&46\*"N(G(0"6.M.0"YH")-' .07-5"  
7-\*6">),G. "6-0),(&0(OF"7.)(6(&0\$"UG. "0&,(. "N("5.>.5.0). ">(07(OF6" / -7. "<\*"  
,G. "`>>(). ">"8(M("J(FG,6"-07"U(,'. "A^"8&/9'(-0). "-07"N(""(0)'47. ",G. "  
6-0),(&0Y6"("64 / / -5\*">),G. "5-,(&0-' .q"-07"(O>&5 / -,(&0-<&4, ",G. "-99. -"  
95&). 66\$"

**Y\$5)30.>>) 123- \$/ : 2/03**(0",G. ".M.0,"-9&'()\*M(&'-,(&0'(6">&407)G. "`>>(). "  
>"8(M("J(FG,6"-07"U(,'. "A^"8&/9'(-0). "N("95&M(7. ",G. ">(0-"  
(OM.6,(F-, (M. "5.9&5,"&,G. "`>>(). ">" I 4 / -0"J .6&45). 6"-07",G. " J .69&07.0,6" / -0-F.5Y6"q"  
NG&"-5. "5.69&06(<' . ">&5"7.)(7(OF"NG-, "6-0),(&06"&5")&55.), (M. "-),(&06"6G&4'7"  
<."( / 9&6.7"&0",G. " J .69&07.0,q"(0"-))&57-0). "N(G",G. "95&). 745.6"6., ">&5,G"  
(0",G. "+,->> I -07<&&R\$"UG. "`>>(). ">" I 4 / -0"J .6&45). 6"-07e&5"  
J .69&07.0,]6" / -0-F.5"N(""(O>&5 / ",G. "`>>(). ">"8(M("J(FG,6"-07"U(,'. "A^"  
8&/9'(-0). "(O"N5(,(OF">"-0\*"6-0),(&0"&5")&55.), (M. "-),(&0'( / 9&6.7"  
)&0. / 9&5-0.&46"N(G",G. "N5(.,. 0"0&,(. ",&" J .69&07.0,\$"

**Y\$5)>. '4#0( 123- \$/ : 2/03**(0",G. ".M.0,"-9&'()\*M(&'-,(&0'(6">&407)G. "  
`>>(). ">"8(M("J(FG,6"-07"U(,'. "A^"8&/9'(-0). "N(" / -R. "-"  
5.)& / / .07-,(&0"5.F-57(OF"NG. ,G. 5",G. "9&'()\*M(&'-,(&0"N-55-0,6"  
)&06(7.5(OF" . 5 / (0-,(&0"&5"6469.06(&0\$"UG. ">(0-"  
(OM.6,(F-, (M. "5.9&5,"-07",G. "  
5.)& / / .07-,(&0"N(""<. "6.0,"<\*"G. "`>>(). ">"8(M("J(FG,6"-07"U(,'. "A^"  
8&/9'(-0). ",&,G. ">-)4',\* / / <.5]6"7.9-5, / .0,")G-(5q",G. "7.-0q"-07",G. "  
#66&)(-., "%5&M&6,">5"@-)4',\*"\$V.W.,6.,96q"(0)'47(OF"6-0),(&06"&5")&55.), (M. "  
-),(&06"( / 9&6.7q"N(""<. "7.,.5 / (0.7"(0"-))&57-0). "N(G",G. "95&). 745.6"6., "  
>&5,G"(0",G. "@-)4',\* I -07<&&R\$"UG. "7.9-5, / .0,")G-(5q"7.-0q"-07e&5"  
#66&)(-., "%5&M&6,">5"@-)4',\*N(""(O>&5 / ",G. "`>>(). ">"8(M("J(FG,6"-07"  
U(,'. "A^"8&/9'(-0). "(O"N5(,(OF">"-0\*"6-0),(&0"&5")&55.), (M. "-),(&0'( / 9&6.7"  
)&0. / 9&5-0.&46"N(G",G. "N5(.,. 0"0&,(. ",&" J .69&07.0,\$"

@&5" J .69&07.0,6"G&'7(OF"-0\*"&,G. 5"6-,46q"6-0),(&06"-07e&5")&55.), (M. "  
-),(&06"N(""<. "7.,.5 / (0.7"<\*"G. "-995&95(-., "T0(M.56(\*">>). q"7.9.07(OF"  
&0",G. "6,-,46">),G. " J .69&07.0,\$"UG. "-995&95(-., ">>(). "N(""(O>&5 / ",G. "  
`>>(). ">"8(M("J(FG,6"-07"U(,'. "A^"8&/9'(-0). "(O"N5(,(OF">"-0\*"6-0),(&0"&5"  
)&55.), (M. "-),(&0'( / 9&6.7")&0. / 9&5-0.&46"N(G",G. "N5(.,. 0"0&,(. ",&"  
J .69&07.0,\$"

UG. "8&/9'-(0-0,"N(""<. "0&,(>(."7">5. / .7(.6">>.5.7"&5"95&M(7.7",&,G. "  
8&/9'-(0-0,q"6-0),(&06"( / 9&6.7"&0",G. " J .69&07.0.,G-, "7(5.), '\*5.'-., "&,G. "  
8&/9'-(0-0,q"-07"-0\*"&,G. 5"6.,96",G. "T0(M.56(\*"G-6",-R.0,"&"95.M.0.,G. "  
5.)455.0). "-07". '( / (0-, . "-7(6)5( / (0-,&5\*"&5"G&6,(. " .OM(5&0 / .0,q"(">"&0."N-6"  
>&407",&. W(6,"A0"-)-6. "5.'-, .7",&"-' .F.7"6.W4-"-66-4',q"6,-R(OF"q"&5"7-, (OF"&5"  
7&/ .6,())M(&' .0). q",G. "0&,(>)-,(&0">"6-0),(&0",&,G. "8&/9'-(0-0,"N(""-6&"  
(O)'47. "-'"6-0),(&06"( / 9&6.7"&0",G. " J .69&07.0,q"0&,"\_46",G&6. "7(5.), '\*5.'-., 7"  
,&,G. "8&/9'-(0-0,\$"

UG. " J .69&07.0,"N(""<. "(O>&5 / .7">"-'6-0),(&06"( / 9&6.7\$"UG. " J .69&07.0,"

F.0.5-''\*"N(''0&,"<."0&,(>(.7"&>";G."(07(M(74-''5. / .7(.6"&>>.5.7"&5"95&M(7.7",&"  
;G."8& / 9'-(0-0,\$"

2&,G"8& / 9'-(0-0,6"-07"J .69&07.0,6"-5."(0>&5 / .7"&>"-99. -''95&).745.6\$"#6"  
0&,.7"-<&M.Q",G."T0(M.56(\*.0)&45-F.6",G."9-5,(.6",&" / -(0,-(0"95(M-)\*"&>"-''"  
)& / / 40(-,(&06"5.'-.7",&">(07(0F6"-07"6-0),(&06\$"

\_" **9 - -2.%3)**

UG."8& / 9'-(0-0,"&5"J .69&07.0," / -\*" -99. -""G.">(07(0F6"-07e&5Q"(>"6-0),(&06"-5."  
( / 9&6.7Q",G."7.,.5 / (0-,(&0"&"6-0),(&06\$"#0"-99. -''N(''<."G-07'.7"(0"- / -00.5"  
)&06(6,.0,"N(G"-0\*" -99'()-<'.'. ,.5 / 6"&5"95&).745.6"(0",G."@-)4',\*" I -07<&&RQ"+,->>"  
I -07<&&RQ"+,47.0," I -07<&&RQ"&5"



8 & / / 40(\*+, -07-576"&5", G.(5"7.6(F0. . \$"

#0"-99. -'"&>"-")& / 9'-(0, "-F-(06, "->-)4', \*" / . / <.5"N('"'<."-775.66.7"<\*"







E20N\$5V)>\$5)X&'0& , ) PLOO" c ('&N"+,\$"V c "oOB!"  
12'\$A25()\$>)R+) c -6G(OF,&0Q" ; 8"1BB!1"  
Y1B1\^H?1f!H1H"  
[\(O>& k OM57\)\\$&5F"](#)  
[G.,9beeOM57\)\\$&5F"](#)

E\$50DN23025/)F /&A253&0()T2.%0D)=25A&'2"-  
E8(1%#!%!"--%!( "#'5(&'!.##''&'2%')\*"8(1%II'JCKE'\$&.44'!.#'2%!' "#&. !&%1'&""  
)\*"8(1%\$O) )"\*&'\$%\*8(1%\$7(4'1%\$( \*%I:'G;%%;%!( "#'=#GCH'4"\*'3 ""\*(#4"\*3.&("##'##'



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?B"



&5"<.77(OF"-07"N(6G.6",&"95.6.5M.".M(7.0).Q",G.\*"6G&4'7"0&,"N-6G",G.)'&.G.6"  
N&50"&5"<.77(OF"46.7"745(OF",G."-66-4',Q"-07"6G&4'7"<5(OF",G./,"&"-G&69(-'Q"  
/.7(-"->-)'(&,"\*Q"&5",G."9&'()."(O"-0&0f'9'-6,())Y.\$F\$Q"9-9.5\<-F\$"  
AO"A"(O&(6Q"(O7(M(74-'6"NG&'G-M."<..O"6.W4-'\*'"-66-4',.7"/-\*-'"&N",G."  
)&''),(&O"&>".M(7.0).".M.O(">,"G.\*")G&&6."O&,"&"/-R."-5.9&5,"&"-N"  
.O>&5)./.O,\$"#>,.5",G.".M(7.0)."(6")&''),.7Q"A'(O&(6"-N"5.D4(5.6"G&69(-"  
6,->>,"&6,&5."(">&5",N&"N..R6\$"#6.W4-'\*-66-4',.M(7.0).)&''),(&O'R(",/-\*"  
O&,"<."5.'. -6.7"<\*"-O"A'(O&(6"G&69(-"N(G&4,"N5(,.O)&O6.O,">5&/",G."  
645M(M&5\$"

**R" S:4'.0k\$/.)P5.&/&/?)9N.52/233l)./:)#52A2/0k\$/)#5\$?5.,3#(**

c G.O"'-.50(OF"&>)&074),"&5"<.G-M(&5",G-,"/-\*O&,"/..",G."6,-07-576"7.>(O.7"(O",G."  
%&'()\*&"/ / 40(\*"/ / <.56"-07",G."TO(M.56(\*"-5.".W9.),.7",&,-R."-0"-), (M."5&'."(O"  
49G&'7(OF",G(6"9&'()\*"-07"95&/ &,(OF",G."7(F0(\*"&>"'"(O7(M(74-'6"UG."TO(M.56(\*"&>.56"-  
M-5(.,"\*"&>,"5-(O(OFQ"-N-5.O.66Q"-07"95.M.O,(&O"95&F5- / 6",&"G.'9"95.M.O,"7(6)5(/ (O-,(&OQ"  
G-5-66 / .O,Q"-07"6.W4-'"/ (6)&074),"N(G(O",G."V&5,GN.6,.50")&/ / 40(\*\$UG."TO(M.56(\*"  
6,5(M.6",&".0645.",G-,"64)G"95&F5- / / (OF"(6"7.M.'&9.7",&"<."4',45-'\*5'.M-O,d",5-4 / -"  
(O>&5 / .7d"(O)'46(M."&>"7(M.56.")&/ / 40(,.6"-07"(7.O,(.6d"646,-(O-<".d"5.69&06(M.",&"  
)&/ / 40(\*"O..76d"(O>&5 / .7"<\*5.6.-5)G"&5"-66.66.7">&5"M-'4.Q".>>.), (M.O.66Q"-07"  
&4,)&/ .d"-07")&06(7.5-,"&>".OM(5&0 / .O,-"5(6R"-07"95&.), (M.">-),&56"-6",G.\*"&))45"&O"  
,G."(O7(M(74-'Q"5.'-,(&O6G(9Q"(O6,(4,(&O-'Q")&/ / 40(\*Q"-07"6&)(.,-'M.'6\$"

#77,(&O-'\*Q",G."TO(M.56(\*"95&M(7.6"-004-'",5-(O(OF",&"(OM.6,(F-,&56Q"-07"G.-5(OF"9-0."'  
/ / <.56"-5.",5-(O.7"&O"(664.6"5.'-.7",&"7(6)5(/ (O-,(&OQ"G-5-66 / .O,Q"-07"6.W4-'"  
/ (6)&074),Q"-07",G."TO(M.56(\*]6"(OM.6,(F-,(&O"-07"5.6&'4,(&O"95&).745.6\$"

@&5"(O>&5 / -,(&O"&O".74)-,(&O-'",5-(O(OFQ"-N-5.O.66Q"-07"95.M.O,(&O"95&F5- / 6"&>>.5.7"  
.-)G"\*.-5Q"6..b"G.,96beeNNN\$O&5,GN.6,.50\$.74e6.W4-'f / (6)&074).e.74)-,(&O\$"

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! ? ( .! ; 1-6!20! ; (1'%72!&.451&.9!-&%1#1#7!%##5%=6,!1#'=581#7k!%B! [ ! : 1#1 : 5 : !20!2# .!(25&!20!9.M5%=(%&%99 : .#-!  
A&.<.#-12#!-&%1#1#7!%#8!C69-%#8.&!-&%1#1#7!02&!%==! : A=26..9V!%#8!CB! [ ! : 1#1 : 5 : !20!-D2!(25&!20!9.M5%=(%&%99 : .#-!  
A&.<.#-12#!-&%1#1#7!02&!%#62#!!D(2!95A.&<19.9!2&! : %##7.9! : A=26..9B!!  
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!

9 - -2 / : & ; ) 9 < ) = 4 , , . 5 ( ) \$ > ! / > \$ 5 , . 0 & \$ / ) \$ / ) 1 2 - \$ 5 0 & / ? ) = 2 ; 4 . % ) @ & 3 ' \$ / : 4 ' 0 ) . / : ) 1 2 ' 2 & A & / ? ) = 4 - - \$ 5 0 )  
B & / ' % 4 : & / ? ) ' \$ / > & : 2 / 0 & . % ) 3 4 - - \$ 5 0 ( ) . / : ) 1 2 3 \$ 4 5 ' 2 3 ) . 0 ) 0 D 2 ) E F ( H ) + . , - 4 3 )

O - 0 & \$ / 3 ) . / : ) 1 2 3 \$ 4 5 ' 2 3 )

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i 0 & N ( O F " N G - , & 9 , ( & 0 6 " - 0 7 " 5 . 6 & 4 5 ) . 6 " - 5 . " - M - ( ' - < ' . " N ( ' " < . " G . ' 9 > 4 " ( > " \* & 4 " & 5 " 6 & / . & 0 . " \* & 4 " R O & N " . W 9 . 5 ( . 0 ) . 6 " 6 . W 4 - " " / ( 6 ) & 0 7 4 ) , \$ "

% . 5 6 & 0 6 " N G & " / - \* " G - M . " . W 9 . 5 ( . 0 ) . 7 " 6 . W 4 - " " / ( 6 ) & 0 7 4 ) , " G - M . " & 9 , ( & 0 6 b "

! \$ + . . R " S . 7 ( ) - " # , , . 0 , ( & 0 "

1 \$ + 9 . - R " N ( , G " ` O f 8 - / 9 4 6 " 8 & 0 > ( 7 . 0 , ( - " J . 6 & 4 5 ) . 6 "

: \$ # ) ) . 6 6 " ` >> f 8 - / 9 4 6 " J . 6 & 4 5 ) . 6 "

? \$

` 4,9-,(.0,b"+407-\*fUG4567-\*(HbBB"- / "a"?bBB"9 / "  
qLH"??BB": : : : "

UG.5."(6"- '6&" / .7()-"-)-5."-M-('-<'."-,G.">&'&N(OF"'&)-,(&0"&0")- / 946b"

**H.0.5)Y\$4 / : .0&\$ / )#5k , .5()T2.%0D' .52)+2/025)BHY)#T++C)**

I 2 i T"+,47.0,"8.0,.5"

qLH"??O?"!1??"Y)-'"&"(OD4(5."-<&4,"G&456"&>"&9.5-,(&0\"

\*" =-2.V)N&0D)O/G+ . , -43)+\$/>k : 2/0k.% ) 123\$45'23)

UG.6.)- / 946"5.6&45).6"R..9")& / / 40()-,(&06")&0>(7.0,(-".W).9,"(0"M.5\*"(/ (.7"6(,4-,(&06"Y.\$F\$"  
/ (0&560"/ / (0.0,"7-OF.5\$"

E3.)-"/%%'C\$(\$k.#!%'>\*"6\*.3'GEC>H"Y95&M(7.6")&0>(7.0,(-"6G&5,f,.5 / ")&406.'(OF"6.5M().6",&"  
. / 9'&\*.6"M(-,.'9G&0.\"

E(6("G,,[9beeNNNN\\$\(M.N.'\\$&9,4 / \\$\)& / "-07"\)](#)')(R"&0"r S \*"+.5M().6]">&5" / &5."(O>&5 / -,(&0"&5")-'"b"

qLH"??O?"O1L:"&5"q??"!KPO":LH"BH?"YT i "7(5.),"04 / <.5\"+,47.0,6"G-M.",G.">&'&N(OF"  
)&0>(7.0,(-"5.6&45)."-M-('-<'."b"

@5..0"6G&5,f,.5 / "-07")&0>(7.0,(-"")&406.'(OF"6.5M().6">&5"6,47.0,6b""

VTfn"8&406.'(OF" I .-'G"-07" c .''0.66"

VTfn"!f: 1B"

qLH"??O?"OBH:"&5"9-.5(-\$)&'(06 k 0&5,GN.6,.50\$.74"

8&406.'(OF" I .-'G"-07" c .''0.66"(6"-M-('-<'."-6"->5..")&0>(7.0,(-"")&406.'(OF"&9,(&0"-M-('-<'."&"  
V&5,GN.6,.50"TO(M.56(\*"(O"n -, -5"6,47.0,6"NG&"G-M.".W9.5(.0).7"6.W4-""-66-4',0"7-,(OF"&5"  
7& / .6,())M(&'0).0"&5"-0\*"&G.5",\*9."&>"6.W4-""M(&'0).\$"8&406.'(OF"

"  
"  
" # / .5()-0" I &69(-'" " " qLH"???"!LLL"  
" #'"= / -7(" I &69(-'" " " qLH"??PP"PBBL"  
" +&)(-'"%5&,.),(&0"-07" J .G-<('(-,(&0" LH"??BL"BLLL" I &,'(O.b!BK!

GJ"0#\$\$-(#67')\$/!, "-"6(!. -'. #1'\$, %-&%\*'%\*8(!%'4"\*'+ "3%#'. #1'!, (-1\*%#H'

\_ \$A25/ , 2/0)T\$3- &0.%3). / :) + 2/0253)N&0D)-D(3&' .%). / :) , 2/0.%D2.%0D)523\$45' 23).A.&%.L%2)  
I - / -7"C.0.5-" I &69(-'" " qLH"???:L"?????"  
#" i G&5" I &69(-'" " qLH"??H?"0000"  
I S 8"846,& / .5"+.5M())."8.0,.5" !PBPB"Y+40fUG456"H- / f!B9 / d"@5("19 / f!B9 / d"+-,"!B- / fP9 / \  
V.6 / -]-R"  
c (>-De@



%5.6.5M."M(7.0).">"'.),5&0(")& / / 40()-,(&06"(R.",.W," / .66-F.60"9(),45.60"-07e&5"6&)-"  
O.,N&5R(OF"9-F.6"<\*"6-M(OF",G. / "-07e&5",-R(OF"6)5..0"6G&,6\$

A>,"G.5."(6"-6469()(&O",G-,"-75(OR" / -\*"G-M."<..0"754FF.70"(O>&5 / "- / .7()-""-66(6,-0). "95&M(7.5"  
-07e&5"9&'(). "-6"6&&0"-6"9&66(<'."6&,"G.\*")-0")&''),".M(7.0). "Y.\$F\$">5& / ",G."75(OR0",G5&4FG"45(O."  
&5"<'&&7"6- / 9'. \ \$

2.)-46."M(7.0).",G-," / -\*"<."\*&)-,.7"&0",G."<&7\*")-0"7(66(9-,. "D4()R'\*0")&06(7.5"F&(OF",&"-"  
G&69(-""&5" / .7()-"">-)((',\*"( / / .7(-,.'\*",&"6..R"- / .7()-""W- / \$"A">9&66(<'."7&"0&,"6G&N.50"<546G"  
..,G0"&5" .-,"<.>&5."F&(OF",&,"G."G&69(-""&5"6..R(OF" / .7()-""-,,.0,(&00"-07"7&"0&,"N-6G")'&,"G.6"&5"  
<.77(OF\$