

%&' ()\*+&(,"- ."/012"34"5067"%2893/:29;")<1"=9>1"?82"@2/?29">="59243A2/?307"' 34?>9."0?" B>6?829/"- 2?8>A34?"C/3D2943?.;""

- )E&B,"- ."/0124"B31>/"- 3724;")<1 "0/"04434?0/?"F9>=244>9"0?"?82"B0/=>9A"BG8>>7">="56H73G" 5>73G. "0?"I 6J2"C/3D2943?.:;""

 $\mathsf{BK} \& \ \ \mathsf{K}, ") < 1 \ "\mathsf{L}/: 270" \mathsf{B}?2/?;") < 1 \ "\mathsf{A}392G? > 9" > ="?82" @2/?29" = >9" \& 690430 / \mathbb{M}" (\ 64430 / \mathbb{M}"0 / \mathbb{A}" \& 04?") = (\ 64430 / \mathbb{M}"0 / \mathbb{$ 

&69>F20/"B?6A324"0/A"0"F9>=244>9">=":>D2

?82"N09"3/"@82G8/.0;"L/A"=>9"077">="?8>42"9204>/4"?82"9270?3>/483F"92077."80A"

(64430"F>73G.;"L/A"04"F09?">="?834"92D32NI/N2"3/"?82"R=3G2">="5>73G. "570//3/: W0/A" (3G809A"' 0044"N04"?82"820A">="3?"?82/W0G?6077. "N9>?2"0"121>"?83/J3/: "0H>6?" N80?"3?"13:8?"120/"N292"N2"?>">=29" (64430"121H29483F"3/"\*LKR;"B>"?834"N04" 0/>?829"34462">="G>/?2/?3>/"H2?N22/"?82"@73/?>/"0A13/34?90?3>/"0/A"?82"Y27?43/" 0A13/34?90?3>/I/N04"?82"0A13443>/">="5>70/AM' 6/:09.M0/A"?82"@X2G8" (2F6H73G"?>" \*LKR;"L/A"?80?"N04"0/"2U01F72">="0"=>9N09A#720/3/: "F>73G. "40.3/: M3=" (64430"92077. " A3A"N80?"3?"/22A2A"?>"A>"?>"0>3/"\*LKRW0/A"56?3/"80A"2UF73G3?7. "04J2A"07920A. W SQQ,Q\_,QQT"N80?"N292"?82"G80/G24"?80?" (64430"G>67A"0>3/"\*LKR`"K82/"?80?"N>67A" 07920A. "720A" (64430"3/"0"A392G?3>/"?80?"N>67A"H2"H2/2=3G307I/N2"?8>6: 8?"0?"7204?I/ 3/?29/0?3>/077.;"K82"121>"/2D29"N2/?"D29. "=09;"V 2"A3A"42/A"3?"6F"?>"?82"42G92?09." >="4?0?2;""

B>")"N>67A"40. "?80?II'93: 8?"=9>1 "?82"H2: 3//3/: ">="?82"%648"0A 1 3/34?90?3>/W ?8292"N292"A34F6?24W04"?8292"092M')"?83/JM3/"2D29. "0A 1 3/34?90?3>/WH2?N22/" F2>F72"N8>"=0D>92A"0" 1 >92"F90: 1 0?3G"F>73G. "?>N09A" (64430W=>G643/: ">/"A2073/: " N3?8" (64430"3/?29/0?3>/077. M=>G643/: ">/"344624"73J2"0914"G>/?9>7M=3/A3/: "N0. 4" N8292"N2"G>67A"N>9J"?>: 2?829W0/A"?8>42"N8>"N292" 1 6G8" 1 >92"=>G642A">/" A2 1 >G90G. "0/A"86 1 0/"93: 8?4"0/A"N80?"N04"80FF2/3/: "3/?29/077. "3/" (64430;"L/A"3/" \$QQ!M'56?3/">/7. "H22/"3/">=3G2"0". 209;"L/A"82"4?377"7>>J2A"04"3="82"N04" 1 0. H2" 3/?2924?2A"3/": 920?29" (64430/"3/?2: 90?3>/"N3?8"?82"\/ 24?;"' 2"80A/?". 2?"92077. " 21 H09J2A">/"0"F>73G. ">="92F92443>/M'H6?"?8>42"344624"N292"?8292M')"N>67A"40. "93: 8?" =9> 1 "?82"4?09?M0/A">="G>6942"?82"344624": >?" 1 >92"G>/?2/?3>64"04"31 2"N2/?"H.;"

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)/"] 3G2"59243A2/?"@82/2. '4">==3G2M'0"/61H29">="F2>F72"SQQ,!Q,QQTW>=?2/" F2>F72"N8>"G>12"?>"?834"N3?8"0"H0GJ: 9>6/A"J/>N72A: 2">="@2/?907"0/A"&04?29/" &69>F2M'>9"10.H2"CJ903/2M'>9">?829"G>6/?9324W0": 9>6F">="F2>F72"N8>"N292"D29." 46FF>9?3D2">="+2>9: 30"0/A"92077. "?8>6: 8?"?80?"+2>9: 30"48>67A": 2?"3/?>" \* LKR;")/" ?82"B?0?2"I 2F09?12/?M. >6"80A"I 0D3A"Z90129M'N8>"2D2/?6077. "H2G012"?82"04434?0/?" 42G92?09. "=>9"A21>G90G. M70H>9M'0/A"8610/"93: 8?4M'N8>"N04"D29. "=>G642A">/"N80?"

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074>"J/>NMOGG>9A3/: "?>"59243A2/?"%648M?80?"?82" 1 22?3/: "4?09?2A">=="N3?8"56?3/" 920A3/: "=9> 1 "/>?2"G09A4;"L/A"?82/"3?"N04"59243A2/?"%648"N8>"04J2A"831 "0H>6?"?82" G9>44"?80?"59243A2/?"56?3/"N04"N2093/: ;"L/A"?82"4?>9. "?8292"34"?80?"56?3/^4" : 90/A 1 >?829'4"8>642"80A"H69/2A"A>N/"0/A". 2?"?82"G9>44"80A"H22/"40D2A;"B>"?82. " 0G?6077. "?07J2A"0H>6?MOFF092/?7. M'0H>6?"9273: 3>/"?>: 2?829;""

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%&' ()\*+&(,"L/A"0/>?829"F69F>42"?80?">="?80?" 1 22?3/: "N04"?>"G>/D2. "?82"3/?2/?3>/"?>"
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422 1 2A"?>"80D2"G>1 1 6/3G0?2A"F92??. "G72097. "?80?"?82. "A3A/?"N0/?"?80?"?>"80FF2/;"
V 8. "A3A"?82"%648"0A13/34?90?3>/": >"=>9N09A"N3?8"3?"0/A"N3?8"F70/4"=>9"1 344372"
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%&' ()\* +&(,"L/A"8>N"N>67AW"

-)E&B,"B>99. "5067M'GO/"N2"064?"J22F": >3/: "N3?8"?834"D29H07"2097. "?69H672/G2"?8212M3="N2"
10. `"∨ 2-D2"80A"Ph!!M'N2-D2"80A"L%- ;"∨ 80?"0H>6?"?82">?829"H3: "2F34>A2"3/"?82"
2097. "%648". 2094M'0/A"?80?-4"?82")90b"∨ 09` "@0/". >6": 3D2"64"0"42/42">="8>N"3?"42212A"
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\$QQ["A2G343>/4"3/"F09?3G6709`"

BK& \* K,"B>"/>N"N2"G>12"?>"?82"H2:3//3/:">="?82"73?0/.">="G>1F703/?4"?80?"N2D2"8209A" =9>1"56?3/"0/A" (64430"43/G2"\$QQ\$;"B>"N2"48>67A"074>M'H."?82"N0.M'40."?80?"0=?29"?82" N3?8A90N07"=9>1"?82"L%- "?920?.M'59243A2/?"%648"0/A"59243A2/?"56?3/"A3A"43: /"?82"

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: 3D2/"H932=3/: 4"3/"A3==292/?"F09?4">="?82"C;B;": >D29/12/?M'H6?"2D2/"=9>1"?82" (64430/"F>3/?">="D32N"3?"=27?"?>"?821"04"3="?82"C;B;"=>G642A"D29. "16G8">/"(644304" 2G>/>13G"4?0J2"3/")90b"0/A"/>?">/"?82"42G693?. "4?0J2;"\9>1"?82"(64430/"F>3/?">=" D32NM?82"3A20">="3/D043>/"0/A"A24?0H373X3/: "?834"F09?">="?82"N>97AM/>?"?>>"=09"=9>1" N8292"(64430"34M'N04"92077. "422/"04"0"100>9"F>?2/?307"42G693?. "?8920?"?>"?821;"L/A"



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- BK& \* K, "R/2">="?82"2442/?307"F92 1 3424">=" (64430/"=>923: /"F>73G. "6/A29"56?3/W/>?">/7. " 6/A29"56?3/MH6?"F09?3G67097. "/>N"6/A29"56?3/W34"?80?" (64430"A>24"80D2"0"93: 8?"?>" 0"4F8292">="F93D372: 2A"3/?2924?4"3/"?82"F>4?#B>D32?"4F0G2;"L: 03/M?80?"3?4"A2=2/42" F293 1 2?29"34"A2=3/2A"/>?"04"?82"H>9A294">="?82" (64430/"\2A290?3>/"H6?"04"?82" H>9A294">="?82"=>9 1 29"B>D32?"C/3>/MO/A"?82"3A20">="F9>#\/ 24?29/": >D29/ 1 2/?4" G> 1 3/: "/209"?>" (64430"N04"422/"04"0"?8920?MN04"G29?03/7. "A2=3/2A"04"0"F>?2/?307" ?8920?;"B>"3=". >6"4?09?">="3/" + 2>9: 30M&A609A"B82D09A/0AX2"N04"?82"F9243A2/?">=" +2>9: 30"0/A"SQQ,\$\_,QQT"80A"H22/">/2">="?82"704?"B>D32?"=>923: /" 1 3/34?294;"' 2"A3A/?" 80D2"0": 920?"9270?3>/483F"N3?8" (64430W?8292"N292"0"7>?">="?2/43>/4WH6?"=9> 1 "?82"



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- %&' ()\*+&(,"L/A"3=")<1"/>?"134?0J2/"09>6/A"\$QQaW.>6"G0/"?277"64"1>92"4F2G3=3G077.W .>6"1>D2A"=9>1"B?0?2"5>73G."570//3/:"?>"?82"\*0?3>/07")/?2773:2/G2"@>6/G37`")4"?80?" G>992G?`"
- BK& \* K,"B>")"N04"H0GJ"0?"+2>9: 2?>N/;"B>")"N04"3/"SQQ,[Q,QQT"?82" \* 0?3>/07")/?2773: 2/G2" @>6/G37"3/"\$QQ "0/A"\$QQaW4>"?8>42"?N>"G072/A09". 2094;"∨82/")"/3. 2A"H809"№080/3



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%&' ()\*+&(,")"N04"064?": >3/: "?>"04J"3=". >6"G>67A"?277"64"0"73??72"H3?" 1 >92"0H>6?"?82" A3==292/G24"H2?N22/"N>9J3/: "3/"?82"B?0?2"I 2F09? 1 2/?"5>73G. "570//3/: M'0/A"?82" N>9J"0?"?82" \* 0?3>/07")/?2773: 2/G2"@>6/G37M'N80?"?. F2">="N>9J". >6"N292"A>3/: "?8292" 0/A"N80?"3?"N04"73J2"?>"N>9J"?8292"A693/: "?82"%648"0A 1 3/34?90?3>/`"

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\*>NM?82">?829"?83/: "?80?")"80D2"SQQ, [\_,QQT"?>"40. "34"N82/")"4?09?2A"0?"?82" \*0?3>/07")/?2773: 2/G2"@>6/G37"3?"N04"4?377"F09?">="@2/?907")/?2773: 2/G2;"K80?"34"?>"40. M ?82"A392G?>9">="?82"@)LM@2/?907")/?2773: 2/G2MN8>"N04" +2>9: 2"K2/2?WN2"N292" 6/A29"831;"L/A"?82/MN8372")"N04"?8292M?82"R==3G2">="?82"I 392G?>9">=" \* 0?3>/07" )/?2773: 2/G2M?82"RI \*)M"N04"42?"6F;"K834"N04"0"A392G?"924F>/42"?>"Ph!!M?>"?82"3A20" ?80?"Ph!!!G>67A"80D2"H22/"0D>3A2A"80A"?82"A3=292/?"3/?2773: 2/G2"0: 2/G324"80A"1 >92" G>>9A3/0?3>/"0/A"80A"F2>F72"/>?"H22/"4>"437>2A;"B>"N82/"?82. "42?"6F"?82"RI \*)W 0/A"?82"=394?"I \*)"N04"L 1 H0440A>9"f>8/" \* 2: 9>F>/?2WN2"?82/"483=?2A"=9>1 " 92F>9?3/: "?>"?82"A392G?>9">="?82"@)L"?>"92F>9?3/: "?>"?82"A392G?>9">="?82"RI \*)M>=" \* 0?3>/07")/?2773: 2/G2;"K80?"S?90/43?3>/T"N04"0"73??72"H61 F. "H2G0642"3/"077">="?8>42"



@2/?907"L430;"K8292"N04"0"93>?"3/"?82"F934>/"S3/"L/A30>/T;"L"/61H29">="F2>F72" 044>G30?2A"N3?8"0": 9>6F"G0772A"LJ9013. OWN83G8"N04"0/")470134?": 9>6FW80A"H22/" 31F934>/2A;"K82"CXH2J": >D29/12/?WN83G8"N04"D29. "92F92443D2W80A"403A"?80?"?82." N292"077"=6/A012/?0734?4"0/A"?299>934?4;"R?829"F2>F72"80D2"0442442A"?80?"?834"N04"0" : 9>6F"?80?"N04/?"/2G2440937. "0"?299>934?": 9>6F"H6?"N04"0AD>G0?3/: "=>9"?8239"93: 8?"?>" N>9483F"3/"?82"N0. "?80?"?82. "N0/?2A"?>;"Y>6"80A"0"F934>/"93>?W?82. "4>128>N": >?" 3/"N20F>/4"=9>1"?82">6?43A2;"K82": >D29/12/?"G701F2A"A>N/"D29. "809A">/"?80?;")?" J3772A"N2"A>/?"92077. "J/>N"8>N"10/. "F2>F72MH6?"3?4"F9>H0H7. "3/"?82"86/A92A4;""

L/A"04"0"92467?">="?80?M?8292"N04"0"A2H0?2"N3?83/"?82"%648"0A13/34?90?3>/" 0H>6?"N80?"?>"A>"0H>6?"?834;MB2G92?09. "(614=27A"N04"4>12>/2"N8>"H2732D2A"?80?" L?3/""Bi - 0.3(6) - 0.3(8)0.4(3) - 0.2(4)0.2(;3).2(3) - ?0"H/39>>0" - 0.2 3?"N04"D29. "31 F>9?0/?"S?>"1 03/?03/": >>A"?324"N3?8"?82": >D29/12/?">=")47>1 " Z0931 >DT;"V 2"80A"0"H042"3/"CXH2J34?0/W90330"?>"X?0/"B " -0.2 (03).2 (3) -5" ] TJ ET Q q 0.24



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%&' ()\* +&(,"L/A"074>"3/"?80?"\$QQ\_"I "\$QQa"90/: 2M?82924"?82"%648"92272G?3>/M0/A"?82/M3="
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: 2??3/: "H0GJ">/"?90GJ"?8292^""

BK& \* K, "B>")*4*7"H2: 3/" 1 0. H2"N3?8"0"4?>9. ;")/"\$QQ\_M?82" (64430/4"=>9"?82"=394?"?3 1 2"80A"0" 1 22?3/: ">="4> 1 2?83/: "G0772A"?82"] 07A03")/?29/0?3>/07"I 34G6443>/"@76HMN83G8"4?377" 2U34?4"?>A0. ;"L/A")"N04"0"/0?3>/07"3/?2773: 2/G2">==3G29MH6?")"N04"3/D3?2A"?>"?834" 1 22?3/: ;")?"N04"0" 1 22?3/: ">="=>923: /"2UF29?4">/" (64430;"L/A"3/"\$QQ\_MN2"N2/?"?>" (64430"S\* >D: >9>A"0/A"- >4G>NT;"SQQ,\_Q,QQT;"L/A"3/"=0G?MN2"0993D2A"?8292"064?"3/" ?82" 1 3AA72">="?82"8>4?0: 2"G30(9) - 0.3(23) - 0.2(:)0.2(/"2U) - 0.5(F)0.4(29) - 0.3(?4)0(6).3(9) - 1



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& 1 F392M'H6?" 1 >4?">="3?"N04"F09?">="?82" (64430/"& 1 F392; j "L/A"?834"34"0"F89042"?80?" 824"92F20?2A"0"/6 1 H29">="A3=292/?"?3 1 24;"L/A"4>"3?"422 1 4"?>" 1 2"?82"F9>H72 1 "N3?8" ?82"%6G80924?"@> 1 1 6/3b62"34"?80?M3/"0"N0. "SQQ,ad,QQTM3?": OD2" (64430"73G2/42"/>?" >/7. "?>": >"?>"N09"N3?8"+2>9: 30"3/"L6: 64?">="\$QQd"?>"40. "?82. "N0/?2A"?>"F92D2/?" +2>9: 30"=9> 1 "0>3/3/: " \* LKRM'H6?"074>"0//2U3/: "@93 1 20M'H2G0642"56?3/W>/2">="?82" 064?3=3G0?3>/4"82": OD2"N04M'>/G2"?82": >D29/ 1 2/?"G80/: 2A"3/"Z32D"3/"\$Q!\_M'82"N04" N>9932A"?80?". >6A"422" \* LKR"483F4"3/"B2D04?>F>7M'3/"@93 1 20;"B>"3/"92?9>4F2G?M'. >6" 80A"?82"N>94?">="H>?8"N>97A4"H2G0642"/23?829"CJ903/2"/>9" +2>9: 30"N292"3/"=0G?"



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\*>NM\*N80?"3?"A3A"A>"0?"?82"2/A">="?82"N09"N04"?>"G6?">=">9"G>/?0G?4"N3?8" (64430"0H>D2"?82"A2F6?. "04434?0/?"42G92?09. "72D27W



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- BK& \* K, "B>"?82"?31 24"N82/"?83/: 4"80D2"N>9J2A"H24?"092M=394?">="077M"N82/". >6"80D2": >>A" 9270?3>/4"H2?N22/"?82"F9243A2/?4W. >6"403A" (20: 0/"0/A" + >9H0G82D"N04"G29?03/7. " >/2"290M"@73/?>/"0/A"Y27?43/"N04"0/>?829M'0/A">="G>6942"%648"0/A"56?3/;"L/A"3=". >6" 7>>J"H0GJM". >6"G0/"40. "?82"?31 24"N82/"?82"9270?3>/483F"804"N>9J2A"H24?"34"N82/"N2" 3/"SQ!,Q[,QQT"=0G?"N292"07732A"0: 03/4?"0"G>1 1 >/"2/21 . M'0/A"N2"80A"731 3?2A": >074;" B>": >"H0GJ"?>"∨ >97A"∨ 09"));"∨ 2"80A"?82": 90/A"07730/G2WB?073/M" (>>42D27?M'0/A" @869G8377;"∨ 2"80A"0"G>1 1 >/"2/21 . M'' 3?729;"∨ 2"N0/?2A"?>"A2=20?"831 ;"∨ 82/"82" N04"A2=20?2AM?80?"9270?3>/483F"=277"0F09?;""

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[d'



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\_0'



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