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N=-4 6=!

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; ,?4.-!\$)))!7,!0/ 6E+,40!?'(-!'3+.8'.0-!-,!-/02!,0>'>=-!7'0-!5'!+=3/+6 ,!7,!5,4+!+=>.6 ,!3/08.,+!' ",8!
 ?/4+!/E@,82.3!5'!7=5."+'08,!7,!2.2+,-!/4!8,+2.3.8'2-!3/08.,+#! ; ,!0/ 6E+,40!2+' "'40!,0!-8.,08,! ?/5.2.<4,! ,2!
 7'0-!5'!5.22=+'24+,-!4+!5,-! ?5' .7/(,++!.7,02.3.,02!5,-!7=2,02,4+-!7,!8,+2.3.8'2-!/4!2.2+,-!3/08.,+#!b!7,-!c!
 E=0=3.8.'+,-!7,! ?+/>+' 6 6,-!d!e! ?/4+!5,-! ?/5.2/5/>4,-! ,0! ,33,2!5,-! ?+/>+' 6 6,-!7f.6 6 '2+.845'2./0!
 3/08.9+,-!/02!40,!3/+6 ,!7,! ?/5.2.<4,!7.-2+.E42." ,#A,?,07'02!7'0-!5'! ?+'2.<4,!5,-! ?+/>+' 6 6,-!7,!
 8,+2.3.8'2./0!3/08.9+,-!/02!-/4" ,02!-/4+8,!7,!7." .-/0-!,2!-/02!7.33.8.5,-!b! 6 ,22+!,!0! g4"+,#! I4--.!8,2!
 '+2.85,!2+' .2,Y2Y.5!7,!5'!<4,-2./0!8/ 6 ?5,0,!7,!5'!2,0-./0!+,5'2." ,!b!5'!8,+2.3.8'2./0!7,-!2,+,,-#!

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; '0-!8,22,! =247,!10/4-!'0'5(-/0-!

A,2!' +2.85,! 'E/+7, !5f

7'0-!2+/.-!+=>./0-#!U/4-!7=8+."/0-!5,-!5/8'5.2=-!7'0-!5,-<4,55,-!50=247,!-f,-!7=+/45=,!5,!6/795,!7(=247,!2!5'!6=2J/7,!7,!+,8J,+8J,#!

MO!AB2,!70"/.+,!8,-!7.33=+,08,-!+=>./0'5,-!/02!8/02+.E4=!b!7,-!2,0-./0-!-/8.'5,-!<4.!/02!+,3+=0=!5'!8,+2.3.8'2./0!3/08.9+,!4!0.",'4!5/8'5!!,02+'!=""!5'!6.-,!0!g4"+,!74!?!>+'66,!b!50=8J,55,!0'2./0'5,!2! /02!@/4=!40!+B5,!7'0-!5,-!2,0-./0-!'824,55,-!,2!5'!/?/5.2.-'2./0!7,-!<4,-2./0-!3/08.9+,-!'4!0.",'4!0'2./0'5#!

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D#!^qN& IZD[IWDqU! ; M[! ; NqDW[!^qUADMN[!MU!A r WM! ; Ds qDNM!;! ; M!ZI!ZqD! ; M!%mmn! I Q t ! *Nq u NI & & M[!*DZqWM[!

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! ; ,!0/6E+,40!2+'"'40!-4+!5'!AB2,!70"/.+,!+,2+'8,02!5,-!7.33=+,08,-!+=>./0'5,-!7'0-!5'!/?/5.2.<4,!3/08.9+,!2!7'0-!5'!/?/5.2.-'2./0!7,!5'!5!/.!3/08.9+,!2!7,-!7+/.2-!3/08.,+!7,?4.-!5,-!'00=,-!%mh)#!A,22,!J.-2/.,!7/846,02=,!7,-!2,0-./0-!'>+'.,-!,2!+=>./0'5,-!,2!5,!8/02,02,!7'0-!5,<4,5!-,!3'.2!50,33/+2!'824,5!7,!8,+2.3.8'2./0! ,2! 7f.66'2+.845'2./0! 3/08.9+,#! Z'! ?/5.2.<4,!3/08.9+,!"/.+.,00,!/33+'2!40,!+8/00'.--'08,!0=>'5,!7,-!7+/.2-!3/08.,+!8/4246.,+!7,-!?!/?45'2./0-!'42/8J2/0,-!7'0-!2/42!5,!?'(-#! I5/+!<4f.5-!2'. ,02!-/5.7,6,02!+,? ,82=-!'4!U/+7!,2!b!50M-2!5,-!7+/.2-!3/08.,+!8/4246.,+!7,-!?!/?45'2./0-!'42/8J2/0,-!5,4+!2'. ,02!7=0.=,!2!?.=2.0=-!b!50q4,-2!7'0-!5,-!T/0,-!7,!2+9-!3/+2,!66.>+'2./0#!A,8.!',0>,07+=!7,-!6=8/02,02,6,02-!,2!40!-,02.6,02!7f.0@4-2.8,!8J,T!8,-!?!/?45'2./0-!7/02!5,-!3+4-2+'2./0-!,2!6=8/02,02,6,02-!/02!2=!?+.-!,0!8/6?2,!?'!+!5,-!+,," ,07.8'2./0-!7,15f/??/-2./0!/?/5.2.<4,!02+,!5,-!'00=,-!%m`)!,2!%mm)#!

! MO!%mmn!7'0-!40!8/02,02,!7,!3/+2,-!2,0-./0-!/?/5.2.<4,-!0'2./0'5,-!'42/4+!7,-!<4,-2./0-!7,-!7+/.2-!3/08.,+!7,?4.-!5,-!'00=,-!%mh)#!A,22,!J.-2/.,!7/846,02=,!7,-!2,0-./0-!'>+'.,-!,2!+=>./0'5,-!,2!5,!8/02,02,!7'0-!5,<4,5!-,!3'.2!50,33/+2!'824,5!7,!8,+2.3.8'2./0! ,2! 7f.66'2+.845'2./0! 3/08.9+,#! Z'! ?/5.2.<4,!3/08.9+,!"/.+.,00,!/33+'2!40,!+8/00'.--'08,!0=>'5,!7,-!7+/.2-!3/08.,+!8/4246.,+!7,-!?!/?45'2./0-!'42/8J2/0,-!5,4+!2'. ,02!7=0.=,!2!?.=2.0=-!b!50q4,-2!7'0-!5,-!T/0,-!7,!2+9-!3/+2,!66.>+'2./0#!A,8.!',0>,07+=!7,-!6=8/02,02,6,02-!,2!40!-,02.6,02!7f.0@4-2.8,!8J,T!8,-!?!/?45'2./0-!7/02!5,-!3+4-2+'2./0-!,2!6=8/02,02,6,02-!/02!2=!?+.-!,0!8/6?2,!?'!+!5,-!+,," ,07.8'2./0-!7,15f/??/-2./0!/?/5.2.<4,!02+,!5,-!'00=,-!%m`)!,2!%mm)#!

u+w8,!4!3.0'08,6,02!7,-!?'!+2,0'.+,-!'4!7=" ,5/??,6,02!5,!>/4",+0,6,02!'!6.-!,0!?'5'8,!40!?!>+'66,!7,!7=5.6.2'2./0!7,-!'55'>,-!,0!"4,!7,!@,2,+!5,-!E'-,-!7,!5'!8,+2.3.8'2./0!,2!7,15f.66'2+.845'2./0!3/08.9+,#!

! Z, !8/+?-! ?+=3, 82/+!5! !@/4=!40!+B5, !. 6 ?/+2'02!7'0-15, !?+/8, --4-!7, !8, +2.3.8'2./0!3/08.9+, !, 0!
-f. 6 ?5.<4'02!7'0-15'!6.-, !, 0!?'5'8, !7, -!A/ 6 .2=-! ".55'>, / .-!7, !>, -2./0!3/08.9+, !+4+'5, !, 2!, 0!+, 8/ 6 6 '07'02!
5, -!" .55'>, -!-4-8, ?2.E5, -!7f'E+.2, +!5, !?+/@, 2!7, !8, +2.3.8'2./0!3/08.9+, #!Q0, !3/.-15, -!" .55'>, -!-=5, 82./00=-!
5, !&.0.-29+, !7, !5! I>+.84524+, !'!7=?5/(=!7, -!X8/ 6 6 .--' .+, -Y, 0<4i2, 4+-X!?' /4+!2+ "' ".55, +! "' ", 8!5, !A s u ^N!
'3.0!7, !6 , 0, +!b!E., 0!5, -!, 0<4i2, -!, 2!?'+=?' '+, +!40!7/--., +!7, !8, +2.3.8'2!3/08., +!?' /4+!8J' <4, !7, 6 '07, 4+#!
W, 55, !<4, !7=8+.2, !?' +!5, ! ; =8+, 2! UvmmY_mh! 74! %a! /82/E+, !%mmm! 3.0'02!5, -! 6 /7'5.2=-! 7f' ?'5.8'2./0! '4!
; / 6 '.0, !3/08., +!+4+'5!8/424 6 ., +!7, !5! !Z/ .!UvmmY`_)!74! \$a!7=8, 6 E+, !%mmn!5! !?' +/8=74+, !7, !7=5. "+'08, !
74!8, +2.3.8'2!3/08., +!8/ 6 ?/+2, !7, -! =2'?, -!.08/02/4+0'E5, -!b! - "' / .+!5! !7, 6 '07, !7f, 0<4i2, !'7+, --=, !'4!
-/4-Y?+=3, 2!8/ 6 ?=2, 02!5! '7=-. >0'2./0!7f40!8/ 6 6 .--' .+, Y, 0<4i2, 4+!?' +!5, !- /4-Y?+=3, 2!-4+!?' /? / -2./0!74!
; .+, 82, 4+!7=? '+2, 6 , 02'5!7, !5f' >+.84524+, !15f/4", +24+, !?' +!5, !- /4-Y?+=3, 2!7, !5f, 0<4i2, !?' +! '33.8J' >, !b!5! '
-/4-Y?+=3, 824+, !!'4! " .55'>, !8/08, +0=! '40!- , +".8, -!7, !5f' >+.84524+, !!, 0!2/42!5., 4!42.5, !, 2!?' +!8/ 6 6 40.<4=
+'7./!7.334=-!5! '3/+6 '2./0! ?' +!5, !8/ 6 6 .--' .+, Y, 0<4i2, 4+!7, !5f=<4.?, !/33.8., 55, !7f, 0<4i2, !b!5' <4, 55, !
7/ ." , 02!-, !@/.07+, !/E5.>'2/ .+, 6 , 02!5, -!" / .-0-15. 6 .2+/?J, -!5, !7, 6 '07, 4+!, 2!!--!0=8, --' .+,

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z l5 'l3.0!7, !)\$%nl!40!2/2'5!84 6 45=!7, !n))!" .55'>, -!' "' .2! =2=!7=5. 6 .2=-!, 2!5, -! ?+/@, 2-! ? .5/2, -!7, !8, +2.3.8'2./O!
7, -!2, ++, -!' "' ., 02!5. "+=!\$ \$h_P_x l S!7, -!h_))!8, +2.3.8'2-!3/08. , +!<4.!' "' ., 02! =2=!7=5. "+=-!@4-<4(b! ? +=-, 02!
& /.0-!7, !% l !7, -!2, ++, -!b!8, +2.3. , +!7(.8. !)\$) \$a! "' ., 02!l, 0!3' .2! =2=!, 0+, > .-2+=, -#!

! U/ -!+, 8J, +8J, -!-4+!5, !2, ++' .0! /02!8.E5=!7, -!' .55'>, -!7, !?+/@, 2-!, 2!8, +2' .0-!" .55'>, -!J/+! ?+/@, 2-!
7'0-!5, -! ?+.08.?'5, -!T/O, -!7(.02, +" , 02./O!74! ; *h! :!-.0!" .55'>, -!b! ; '5/ 'l!-.0!" .55'>, -!b! I>E/" .55, !, 2!-.0!
" .55'>, -!b! IE, 0>/4+/4#!U/4-!' "' /O-! .02, ++/>=!7, -!'>, 02-!'7 6 .0.-2+'2.3-!, 2!7, -! +=-.7, 02-!74!" .55'>, !-4+!5'!
-5, 82./O! 74! " .55'>, !!5'!" , 02, !7, -!2, ++, -!l5, -! ? , +8, ?2./O-!7, !5'!7, 6 '07, !5/8'5, !7, !8, +2.3.8'2-!, 2!5, -!
=" '54'2./O-!7, -! +! .-/O-!, 2!7, -!7, -2.0'2' .+, -!7, -!8, +2.3.8'2-#! ; , -!'>, 02-!5/8'40! 74! & .0.-29+, !7, !
5(I>+.84524+, !/02!3/4+0. !5'!7/84 6 , 02'2./O!74! ?+/@, 2!, 2!7('42+, -!.03/+6 '2./O-#!Z, -!8J, 3-!7, !" .55'>, !/02!
8/O" /<4=!7, -!6, 6E+, -!74!A s u ^N! !' .0-!<4, !7, -!+, ? +=-, 02'02-!7, -!'--/8. '2./O-!7, !3, 6 6 , -!7, !@, 40, -!
, 2!7, !6 .>+'02-#!U/ -! ?+.08.?'5, -! +=40./O-! /02!, 4!5. , 4!7'0-!5, -!5. , 40!7, ! +=40./O!74!" .55'>, !' " , 8!, 0" .+ /O!% _!
b!h) !J 'E.2'02-!74!" .55'>, #!U/4-!' "' /O-!6 , 0=!7, -!7. -84--./O-! .07. " .74, 55, -!, 2!, 0! ? , 2.2-!>+ /4? , -!' " , 8!5, -!
8J, 3-!7(' --/8. '2./O!, 2!7('42+, -! ? , +- /00, -!E. , 0! .03/+6 =, -! ? /4+!40!2/2'5!7, !a!b!h!J, 4+, -! ? '+'!" .55'>, ! ? '+'!
0/2+, ! =<4. ? , !7, ! <4'2+, ! 8J, +8J, 4+-! ! " , 8!7, -!' " .-2, -! += ? =2=, -! -4+! 8, +2' .0-! -2, -#! * /4+! ?+ /2=>, +!5, -!
? , +- /00, -!.02, ++/>=, -!l0/4-!0!' "' /O-! ?' -!42.5. =!7, !0/ 6 -!7, ! ? , +- /00, -! /4!7, !" .55'>, -#!

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MO!/42+,115,!7=-''02'>,-!-2+4824+,5!-4E.!?''+15,-!'42/8J2/0,-!7'0-!5,-!?'+/8,--4-!70.66.>+'2./0!/+>'0.-=-!
 ?'+!50{2'2!7'0-!8,22,!+=>./0!,2!5,!c!+,,"+,-!d!7'0-!5,-!'00=-,!\$))! ,2!\$)%)!/02!.0354,08=!5f.02,+?+=2'2./0!
 <4,!5,-!5,'7,+!-17,-!8/6640'42=-!'42/8J2/0,-!3/02!7,!5f/?='2./0!7,!8,+2.3.8'2./0!7,-!2,+,,-#!
 Z,-!8J,3-!7,!3'6.55,!/02!3/+2,6,02!-/42,04!<4,!5'!8,+2.3.8'2./0!3/08.9+,!?542B2!<4,!7,!?+,07+,! ,0!8/6??,!
 5,4+!-!7+/.2-!3/08.,+!-!8/4246.,+!-!2,07!b!+,6,22+,! ,0!8'4- ,!5,!?'+.08.?,!7,!5f'42/8J2/0.,!,2!b!'33+'08J.+!5,-!
 0/0Y'42/8J2/0,-!,2!5,-! .66.>+=-!7,!5'!242,55,!7,-!'42/8J2/0,-#!
 ; ,!5f''.-!>=0=+'5!15,-!'42/8J2/0,-!7,!5fq

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-4?25=6,02'.+,!7,-!3/+i2-!'3.0!7,!7/00,+!b!5,4+-'!.55'>,-!7,!0/4",55,-!2,++,!-!/?/4+!?,+6,22+,!5'!8+=!2./0!
7,!0/4",55,-!25'02'2./0-#!

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85) -9%*/%*!&!;! ;)4!89-+!>#*0%.70%-)4?!%-0!/)0/%* :@!(6)4!0//)4!.@6@)4!6#-4!\$)!3#44@!B!

Z!J.-2/.+,!=8/0/6.<4,!2!/?/5.2.<4,!7!IE,0>/4+/4!-,!7=3.0.2!,0!>'07,!?''+2.,!?''+5,!-4889-!7,-!5.>0=,-!
'42/8J2/0,-!I>0.!7'0-!5,!7/6'.0,!7,!5!8/0/6.,!7,!25'02'2./0!5/8'5,!2!?''+5,!3'.2!<4,!8,-!6i6,-!
'42/8J2/0,-!'!"',8!5,!-/42.,0!7,!5!{2'2!./+.,0!1/02!8/0-,+"=!5,!7,-4-!-4+!5,-!2,++,!-!2!+,5'2./0-!7,!2+'""'.5!
'",8!5,-!66.>'02-#!A,5'!'!7=3.0.15,-!'??/+2-!7,!3/+8,!42/4+!7,!5'!7=5.6.2'2./0!7,-!'!.55'>,-!,2!7,!5'!
8,+2.3.8'2./0!7,-!2,++,!-!2!'!>'+'02!<4,!5,-!8/48J,-!-/8.'5,-!b!7/6.0'02,!5/8'5,!2'.,02!5,-!6.,40!25'8=,-!
?/4+!2.,+!?''+2.17,!5'!8,+2.3.8'2./0!7,-!2,++,!-!,2!5f.66'2+.845'2./0!7'0-!5,!8'7+,!7,-!1?+/>'66,-!?.5/2,-!
>+=-!?''+5,!>/4",+0,6,02#!

I4@/4+7!J4.1!5,-!0/0Y'42/8J2/0,-!+,?+=-,02,02!5'!6'@/+2=17,!5'!/?/?45'2./0!7'0-!7,!0/6E+,40!"'.55'>,-!
74!7=?'+2,6,02!7!IE,0>/4+/4#!M0!7=?'.2!7,!8,5'!,2!8/02+'+.6,02!'40!7,40!'42+,-!+=>./0-!15,-!J'E.2'02-!
'42/8J2/0,-!7,!5'!+=>./0!02!5,!7,-4-!/?/5.2.<4,6,02!'4--!E.,0!7'0-!5,-!'!.55'>,-!<4,!7'0-!5,!7=?'+2,6,02#!
! Z,!7=?'+2,6,02!7!IE,0>/4+/4!'! =2=! .0854-!

?+=3+=!2+' ".55,+!7'0-!5,-!" .55'>,-!-/8.'5,6,02!c!E.,0!-2+4824+=-!d#Z/+<4,15,-! ?+/?+=2'.+,-!3/08.,+!'
'42/8J2/0,-10,!"/45'.,02!?'-!8=7,+!7,-!2,++,-'!40!6.>+'02-!<4.!-/4J'.2'. ,02!3'.+!18,+2.3.,+!7,-!?'+8,55,-!
.5-!-,!-/02!/?/?/=-!b!8,5'#!A,+2'.0-!07." .74-!,2!3'6 .55,-! I>0.!7'0-!5,-!" .55'>,-!74!?+/@,2! ; *h!00/02!?'-!
?' +2.8.?='4!?'+/@,2!7,!8,+2.3.8'2./0!?' /4+!8,22,+!'.-/0!,2!8,+2'.0-!" .55'>,-!100/02!?'-!!=2!-=5,82./00=-!?' /4+!5,!
?+/@,2! ; *h!?' +8,!<4,15,-!'!42/+2=-!8'02/0'5,-! /4!" .55'>,-! /.-,-! /02!6'0.3,-2=!?,4!7f,02J/4-.'-6 ,!?' /4+!5!
8,+2.3.8'2./0!-4+!5!'E'-,!7,15!'6 i 6 ,!@4-2.3.8'2./0#!Q0!" .55'>,-!'!'E'07/00=15,!?' +/@,2!?' .5/2,!8'+!5,!A/6 .2=
s .55'>,-! /.-!7,!u,-2./0!^/08.9+,!N4+'5,!-0,-2!+=="=5=17." .-=-!-4+!8,22,!<4,-2./0#!
! Z'!J.=+'8J.,!-/8.'5,!4!-, .0!7(40,!-/8.=2=! ,08/+,!5'+>, 6,02!'>+' ,,!!'7=3.0.15,-!E=0=3.8.' ,+,-!,2!
5,-!?' ,+7'02-!7,15'!8,+2.3.8'2./0!3/08.9+!,2!'!' .0-!.0354,08=15,-!?' +3=+,08,-!7'0-!8,22,!+=>./0#!!
Z,-!>+'07,-!,0?5/.2'2./0-!'>+.8/5,-!3'6.5.'5,-!8'+82=+.-,02!8,22,!+=>./0!P'" ,8!7,-!,0?5/.2'2./0-!7,!%)! !
\$))! /4!a))!J'S#!&' .-!5'!2'.55,!6/7'5,!7,-!?' +8,55,-!,0+,>.-2+=,-!7'0-!5,!8'7+,!74!?' +/>+' 6 6 ,! ; *h!-, 6E5,!
'" / .+=2=!70,0" .+/0!%)!J'#!Z,-!?' +/@,2-!7,!8,+2.3.8'2./0!3/08.9+!,-, 6E5,02!7/08!' " / .+!8/02+.E4=!b!7,-!
?+/8,--4-!?'54-!>=0+'40!7,!6 /+8,55, 6,02!7,-!2,++, -!5.>0'>9+,-!,0!,0?5/.2'2./0!0485=' .+,#!W+,02,!?' /4+!
8,02!Pa) 1 S!7,!2/4-!5,-!8,+2.3.8'2-!3/08.,+,-! --4-!74!?' +/@,2! ; *h!7'0-!8,22,!+=>./0! =2'. ,02!7,-!8,+2.3.8'2-!
8/55,82.3-#! [4+!5!'E'-,!7(40!,0'6 ,0!7,!%_x!7/--.,+!-!0/4-!' " /0-!/E-,+" =!<4,15,-!8,+2.3.8'2-!8/55,82.3-!
8/6?+,0'. ,02! ,0! 6/(,00,! ,0" .+/0! 8.0<! ? ,+/-00,-#!

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?+/?+=2'.+,-13/08.,+18/4246.,+#! I 4!8/4+!74!?+/@,2! ; *h!5,-! ?+/?+=2'.+,-13/08.,+!'42/8J2/0,-!,2!5,-!
'>,02-!7,15{2'2!/02!,4!'??'+, 6 6 ,02!40,!8/08, ?2./0!7,02.<4,!7,-!0-2.242./0-!3/08.9+, -!8/4246.9+, -!,2!
7,-!2+'0-'82./0-!3/08.9+, -!7,-!7,+0.9+, -!7=8,00., -!'4! ?+/3.2!7,-!'42/8J2/0,-#!

!

! F.,0! <4,!+.,0! 0.07.<4,!<4,!7,! 0/4", '40! 2.245'.+,-! 7,! 8,+2.3.8'2-! 3/08.,+! 7'0-! 5'! +=>./0!
7!IE,0>/4+/4!-/. ,02!?'---!b!5. 6 6 '2+.845'2./0! ?/4+!5f/E2,02./0!7,-!2.2+, -!3/08.,+!18,+2'.0-!-/4J'.2,02!
5!'E'---,!74!8/o2!7,!5!'8,+2.3.8'2./0!3/08.9+,! ?/4+!5'+,07+,! ?54-!'88,--.E5,!b!2/4-!,0!7,J/+!-!7,-! ?+/@,2-#!
M0! 8/ 6 ?'+!02! 5,-! +=>./0-! !.5! (! '! 40,! 0,22,! 7.33=+,08,! ,02+,! 5, -?/.+! 7,-! ?+/?+=2'.+,-! 2,+, ,0-!
7!IE,0>/4+/4! 7!/E2,0.+! 40,! 8,+2.3.8'2./0! 3/08.9+,! ?54-!'88,--.E5,! ?/4+! 8/0-/5.7,+! 5,4+! ?'2+. 6/.0,!
3/08.,+!5!'8+' .02,!7,-!2.245'.+,-!7,!7+/.2-!8/4246.,+!7fI>E/" .55,!b!5f=>' +7!7,!5!'8,+2.3.8'2./0!3/08.9+,!
<4.!- , 6E5,! "'02'>,+5,-!0'02.-!,2!5,-! ?,+8, ?2./0-!7,15!8,+2.3.8'2./0!7,-!2,+, -!b! ; '5'!/y!5,-!'42/8J2/0,-!
-,!8/0-.79+,02!8/ 6 6 ,!5,-! ?,+7'02-!7'0-!40! ?+/8, --4-!<4.!5,4+!, -2!. 6 ?/ -=#!

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U/4-!0/4-! -/ 6 6 , -! .02=+, --=-! '40! 8,+2.3.8'2-! 3/08.,+! 7=5." +=-! 7'0-! 5,-! T/0,-! 74! ?+/@,2! ?5/2,! 7,!
8,+2.3.8'2./0!7,-!2,+, -!/y!5!'8,+2.3.8'2./0!'! =2=! ,02+, ?+.-, !-'0-!3+' .-!7.+ ,82-! ?/4+!5,! ?+/?+=2'.+ ,!3/08.,+!e!
8,!<4.!+ , ?+=- ,02,! ,0".+!0!5'! 6/.2.=!7,!2/4-!5,-!8,+2.3.8'2-!3/08.,+!7=5." +=-! ,0!AB2,!7!D"/.+ ,!@4-<4f'4!
6.5.,4!7,!5!00=,!)\$)%m#!U/4-! "'/0-!' .0-! ?4!/E- ,+" ,+!40,!c!7, 6 '07,!7,18,+2.3.8'2./0!d!7'0-!5,-!' .55'>,-!
/y!5!'8/02+' .02,!7,!8/o2! =2'.2!5, " =,! ?/4+!7,-! ?+/?+=2'.+,-!2,+, ,0-#!D5!(! "' .2!40,!J=2+ />=0=.2=! '4--!E. ,0!
,02+,!5,-! +=>./0-!<4f,02+,!5,-!8'2=>/.+,-! -/8.'5,-!7'0-!5,-! +=?/0-,-!7,-!J'E.2'02-!7,-!' .55'>,-!74! ?+/@,2!
7,18,+2.3.8'2./0!3/08.9+,

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I-H, V! j ,55(!'07!N.,!q7>' '+7#!\$)%m#!X ; , ,7-!'07!&.-7, ,7-#X!Q"R)/"+t)H"-6"R!%%n:!)%m#!!

!

"&

; ,.0.0>, +! j 5'4-!WJ, '!K.5J/+2! '07! s , + '! [/0>V, #!\$)%h#!XD7, 02.3(.0>! '07!'77+, --.0>!5'07!>/", +0'08,!

