





DI# Y)6!4.!Y++!<.!<B<&'60!3<.!C JC#!CDE"DF!W'16B@);'!;G!+V9S!+\_H%+00);'!'2!WYM"P!)!'768&'!  
+'1;@7+\*)&\*!B+\*\*OK!W8H\*)B&@);'0!G;%!(&0B6\*%&!%+8;1+\*)'='!)!@%&'0H\*&'@!(&0B6\*;H&@72#!!\$#5''34)\*#!  
"[ [CLFK"IRRM"IEE!!

!<br>DO# Y++!<.!&'1!C JC#!CDE"LF!>;0)@(+!G++1`&BX!%+=6\*&@);'!;G!768&'!)'16B)`\*+!')@%)B!;\_)1+!02'@7&0+!  
+\_H%+00);'!'2!5&0!SM')@%;02\*&@);'#!\$#C1)\*#-(. "#.#ID[ [CDDFK"IOPPM"IO[0!

#<br>DP# (<.!5;0068!4.!N'!0!A.!S7)! \>.!<&BNZ&'!\$N.!<&\*+X+08&+\*)<.!3%)'X8&'!5.!C JC#!CDE"RF!!  
3)8!%+=6\*&@+0!&\*\*;)886'+M8+1)&@+1!(&0B6\*%&!)'T6%2!@7%;6=7!+GG+B@0!;'!Q!B+\*\*!&B@)(&@);'!'1!11+&@7#!  
!/'./1)72\*./#<(/)";#B&72#C1)\*.ILRCOFK"DJEM"DJP!!

!<br>D[# (<.!5;0068!4.!Y&7+!W.!C JC#!CDE"IF!W886'+M8+1)&@+1!(&0B6\*%&!)'T6%2!&'1!120G6'B@);'!)!  
@%&'0H\*&'@!&%@+);0B\*+%;0)0#!\$#B17#H=?!CJJKF+ID[EE!

!<br>DJ# N'!0!A.!(;<.!5;0068!4.!C J#!CDE"IF!<;60+!8;1+\*!;G!&\*\*;)886'+M)'16B+1!(&0B6\*%&!%+T+B@);'!  
&'1!@%&'0H\*&'@!&%@+);0B\*+%;0)0#!\$#B17#H=?!CJJKF+ID[EE!

!<br>LE# (<.!5;0068!4.!5+2!;.!N'!0!A.!<&'X6!S.!/7++8&!5.!<&BNZ&'!\$N.!C JC#!CDE"OF!!\$%&G@M  
1+)(+1!WYMO!&8H\*)G+0!H%;\*)G+&%@);'!'1!06%()(&\*!;G!+GG+B@;%'Q!B+\*\*0!@7&@!1!)(+!&\*\*;)886'+M8+1)&@+1!  
(&0B6\*%&!%+T+B@);'#!</&47?\*&4'&'!4.! "EEC" "FKDLLMDLR"!

!<br>L"# V+0` )@@!-5.!S@+(+0.!N \.!SB7;'7;G+%/5! /&)@!4.!<&'X6!S.! \ +6'=-U.!3+' '+@!4-!<BV&='2! :<.!  
C JC.! ?6=7+0! <5.! <;%+! <<#! !CDE"[F! !Q7+! !7?./>I\*\*37# @3"l>&'37! :1'&0+! C0)&\*)1&0+F!  
B;'@)`6@+0!@;!B+\*\*!Z&\*\*)!'@+=%)@2!&'1!()6\*+ 'B+#!G/)4'# , l2/);l)\*![KDPEO!

!<br>LD# <&'X6!S.!A;'=!A.!Y6;!]!.4\*&`16%6`&\*`&`)!].!S+)18&'!<4.!5+2!;.!N'!0!A.!4() '&M]6`)+@&!-4.!  
S7;T&'&! :.!C JC#!CDE"[F!WYMO!+\_H%+00);'!)0!B;%%+\*&@+1!Z)@7!)'B+%&0+1!Q!B+\*\*!H%;\*)G+&%@);'!'!&'1!  
06%()(&\*!)!'@7+!&%@+)&\*!Z&\*\*)!'!&@'@!B+\*\*!&%@+%)@0#! - &/O!6&72#%&'()!.!LLKIIMO"!

!<br>LL# 5+2!;.!<&'X6!S.!N'!0!A.!a&'!5;0068!Q!3607+\*\*!;.!<;%)'!5 ,.!3%)'X8&'!USY.!C JC#!CDE"[F!  
,)0%6H@);'! ;G! @7+! =6@! 8)B%;`);@&! Z)@7! '&'@)`);@)B0! +\_&B+%`&@+0! &B6@+! (&0B6\*%&! %+T+B@);'#!  
</&47?\*&4'&'!4.! "EDCPFK"E[IM"EJI!

!<br>LR# Y++!<.!A&'=!/./.-)'!SA.!3+)0B7\*&=!Qa.!3%;BX8&'!<4.!C JC#!CDE"JF!N\_H%+00);'!;G!768&'!  
)'16B)`\*+!')@%)B!;\_)1+!02'@7&0+!)!'!%+0H;'0+!@;!B2@;X)'0!)0!%+=6\*&@+1`2!72H;\_)&!)'16B)`\*+!G&B@;%#!  
G/..#I&0!2#C1)\*# , .0#!"LEKDP[MD[P!

!<br>LI# 5+2!;.!&'1!C JC#!CDE"JF!W886';\* ;=)B!+GG+B@0!;G!@7+!8)B%;`);@&!)'!;!%=&'!@%&'0H\*&'@&@);'#! - \*l4#  
: &;# , .O+.!LJC"FK"[IM"JI!

!<br>LO# <&%^&'B;\*&!<.!?&%;6'!S.!C J.!Y)!>#!CDE"JF!4!8)B%;G\*6)1)B!&'@)`;12!`);&%%&2!G;%!G&0@!1+@+B@);'!  
;G!768&'!)'@+\*+6X)'0!'!\*;Z!0&8H\*+!( ;\*68+0#! - &4#S#- (. "#.#JPC"EFKPLPMPRR!

!<br>LP# <;'@=;8+%2%2!!(;\* &'1!

L[# S)%+'!N<-!Y6;!?,.!Q&8!U.!<;'@=;8+%2!4.!N!'0!A.!<;;'!?!S)8!Y.!5+2!:\$6&'!e.!A&'=-!-!  
A&%1+\*\*!/ <.!<; '&T+8)!<.!<;T)`)&'!<.!Y+()' =0!<:..]7&'=!]-.! , 6!/.!A)@7+%0!S\$!.!C JC CB;M  
0+');%!&6@7;%F.! :)^7&XX+1&@76!-V#!CDED"FI!>%+(+'@); '!;G! (&0B6\*&%!&\*\* ;=%&G@!%+T+B@); '!`2!H%;@+B@)' =!  
@7+!+'1;@7+\*)&\*!=\*2B;B&\*2\_!Z)@7!)8 8 6';06HH%+00)(+!H;\*2 8+%0#!D&'#C1) ".O#H4>+.!IC"EFK"DEDM"D"O!  
!

LJ# 5+2! :.!Q&8!UU.!N!'0!A.!5&7)8!-U.!S&G&%)! :.!\$6)'@;!N.!a&'!5;0068!Q.!3%)'X8&'!USY!.!C JC#!  
CDEDDF! , 20`);0)0!;G!@7+!G+8&\*+!86%)'+!=6@!8)B%;`);8+!+\_&B+%`&@+0!' +6@%;H7)\*M8+1)&@+1! (&0B6\*&%!  
&\*\* ;=%&G@!)'T6%2!`2!&GG+B@)' =!)8 8 6';%+=6\*&@); '!`2!&B+@&@+#!</&47?\*&4'&'1)4.! "EOC" "FKD" IIMD"OI!  
#

RE# Q&8!UU.!Y6;'=!V)' =! :.!Y++!<.!\_68\*& ;!-<.!C JC#!CDEDLF! / 2@;X)' +!)'16B@); '!;G! ?WUM" )'!  
4 IRJ!\*6' =!B&%B)' ;8&!B+\*\*0!)0!%+=6\*&@+1!`2!SQ4Q"!&'1!-V :!0) = '&\*\*)' =!H&@7Z&20.! , )\*#5 " "34)\*#!  
"OEK"DM"J!  
!

R"# C JC#!CDEDLF!N1)@;%)&\*!f!Q7+!B;8H\*+\_!Z+`!;G!U&OYK! / +\*\*!@2H+MOH+B)G)B!%;\*+0!)'!+GG+B@)' =!&'1!  
B;'@%;\*\*)' =!&B6@+! =%&G@M(+%060M7;0@!1)0+&0+#!\$#: .3J#C1)\*+." "RCLFKDEDMDER!  
#

!gd'1+%\*)'+1!&6@7;%0!1+' ;@+!8+8`+%0!;G!82!\*&` ;%&@;%2!  
!