

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&-+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDN KJ H

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H

`+, "# % RJ M V3

&+ 2:# 4, +" "# % REI MDN KJ H

!"#%&'(\$)*+,-./0,-1+) * 20 3453,0+/*6) 4 7 820+9* *,) * 20 31 /-8,862*+, ; * < ; -3*

' = \$)*+,-./0,*4;) * < ; 1) 4-

!"#%&#%)(* * +,)#&-+ . / ,+0#

' > ? , -230, -1+3 -) *+, - . -8*3 <* ; , -+*+, *3) * 20 3453,0+/* 14) 4 7 820+9* *, 4, -230, -1+3) 8 /1+3*-228*3

1'##&#% ' #2+% #B#+" 4+, '# 5/6##&#+" 4(/ , -&' +) 7%#8/ + 2+% &#+ %t%+"

' @A*+3*-9+*7 *+, 3 /1+/*; +0+, 2* .14; + -33*4;) * 20 ./B*) *) 1++8*3) * 38/4;- ,8

9%α , * & # % "/ , -:+% , +4, #+

; <2+% = * >;

?, @#% #' , #7 . ' , &A+ B

CDEFF = (' * & 2#%\$+%)

GFH CCIJ I D J J KFF

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#%α L 742+% N(*

. +, N# + , +" 4(%' & > -+

; <2+% = * >; O?, @#% #' , #7 . ' , &" + B OCDEFF = (' * & 2#%\$+% O

GFH CCIJ I D J J KFF OGFH CCIJ I J HC J EI OP(% & P' L 74 2+% N(*

' € & 47 8; 1) : 0 < * 2) : 4; 9*+/*

Q! -! 47(%t +%) &' 2:/ , \$+%) +

; +/ , +" 2:(/ Nt, ' / , + RGFH CCIJ I D J J J J KFF ; +/ , +" 2:(/ Nt, ' / , + R

S/ % T/ 2+ KDR K UJ CR K V N+%2, +2#2+ KDR K UJ WRK M

!"#%&>(\$)*+,-./0,-1+) *3) 0+9* ; 3

> = " 2033-./0,-1+) * 20 3453,0+/* 14) 4 7 820+9*

) -&" #B#&#% "+(% -(, 2(%0&00) + 0-&* M#BME]; EEB

XY?Z[\] ECEVEKKD

. P#%9, #M

?^+ 9, #ME]; I J H

. Q Q. ? I]; I I W

> => D287 *+, 3) : 8, -E4*, 09*

<#'(\$, &* * + 2+ 2&0\$+,



=; . KE



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`&-+ / , " ;

; EEBSR#B/ #2+ +' N&4+ / , " ' , a" #B-&* * &>-+" M

; I J HR< , (N 8/ + / %t " ! Na, + #, #&# % 2+" ^+ / 6M

; I I WR<+ / ' 4, (N 8/ + , " (* %(-+%) + (/ Nt, ' # + " M

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&+ R ./ ,+0#



&' + 2+ ,! N# # % REI MDN KJ H

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H

`+, "# % RJ M V3

&+ 2:# 4, +" "# % REI MDN KJ H

`&+/, " <

<EJ KRQ+%# U -!)&' 2+ -&)7&+/, b2+" "/, 3&)+ ")7& 2+"b2+" !'##
)+--+ "b2+" 3&* * + " %/ + " + ' 2+ '(/ '+ &/', + "(/ ,) + 2:#& &* * &' # % M [+
 4&' 3' * +, M
 <EI BRQ+%# &/ 3, &# M
 <EFKRc #+ U-&' +, , + + ' -#&#(%! 8/ # ('+% # --+ 2/ ,!) # # % + ' 2/ * &
 ', # - 2+ ,!) + 4' # % M
 <EFJ R1' ## +, 2/ * &! , # - X -+) ', # / + V2+ Nt% # &' # % V2:!) - &# &\$ + V Z &%
 ' # ! 3&\$, &% M
 <EFER1' ## +, 2+ " (/ '# " % + 4, (2/ # &% 4&' 2:!' #) + --+ " M
 <EFI R<, + % 2, + 2+ " * + "/, + " 2+ 4,!) &' # %) (% , + -+ " 2!) 7&, \$ + " ! -+)
 ', ("' & # / + " M
 <EWj RdN# +, 2+ , + " 4# +, -+ " 4(/ "' # , + " V3' * ! + " V\$ &eV >, (/ # &, 2 " VN &
 4+ /, " V &, (" (- " M
 <EWErdN# +, '(/ ') (% &' & Nt) -+ " ^+ / 6b-& 4+ &/ (/ -+ " Nf' + * + % " M
 <EWR. + -& Nt, S+ " 2+ / 6 * &#% " (# % + / " + * + % & 4, a " * &% # / -&' # % M
 <ECJ R1' ## +, " + / -+ * + % + % 4+ + # % &# (/ 2 &% ' / % + % 2, (# > # % Nt% # ! M
 <EDKR<(, '+, 2+ " \$ &% " 2+ 4, ('+) '# % V2+ " Nf' + * + % " 2+ 4, ('+) '# % V / %
 ! 8/ # + * + % 2+ 4, ('+) '# % 2+ " ^+ / 6V2/ N# &\$ + M
 <I KJ G<I J KR? [Y5. :q = ? . Q9 [R544+ +, # * ! 2# & + * + % / %
 Y? [Qg? 5 [Q9_ 9 _ [V / % * ! 2+) # / M
 <I KI G<I Wj G<I BI R? [Y5. ? Y_ [Q5YQ 5 `? Y S5 <? 51 X / -+ ") 7+
 Nt/ 6Z? % + Nt, # * ! 2# & + * + % '(/ " -+ " Nf' + * + % ") (% &* # d " M #) +,
 -& 4+ &/ U - : + &/ X / " + 2(/) 7+ , ZM
 <I KBG<I B J G<I I DR? [Y5. ? Y_ [Q5YQ 5 `? Y S? . h? 1 i Rg #) +, & Nt)
 4,!) &' # % U - : + &/ 4+ % 2 &% 4- / " # / , " * # / ' + " M % + Nt, -+ " -+ % # -+ " 2+
) (% &' " # - & N# ' # + + % 4(, '+ + " # + --+ " 4+ / Nt% f', + 3&) # + * + % + % +
 N + " M Y (% # / +, U, #) +, M
 <I I J R [? < 5. 3&# + N * # M
 <I I EG<I J I R? %) &' 2:#, # &' # %) / ' &% d + RY (% / -+ , / % * ! 2+) # / M
 <I I CG<I J I R. # : #, # &' # % () / -&# + 4+, " # ' + RY (% / -+ , / % * ! 2+) # / M
 <I FKRQ, &% ' 4(, '+, -& 4+, " (% + U - : + 6' ! , # / , + ' -& * &#% + % # 2 &% ' / % +
 4(" # # % (j + --+ 4+ / ') (% &, ' &> -+ * + % , + " 4# +, M
 <I CKG<I CDR? %) &' 2:#) + % 2 # R / ' ## +, N # -+) 7& 4# , + B 4(/ , - : + 6' #)
 ' # % M
 <FKI G<E I I R. ' () P+, 2 &% ' / % + % 2, (# > # % Nt% # ! M c &#% + % # -+ ,!) #
 4# % 3+, * ! 2+ * &% # , + ! ' &% 7+ M
 <FKBR= & 2+, " (/ ") -+ 3M
 <BKJ Rd-# # +, -+) (% + % V,!) # # % 2 &% ' S: ! -# # &' # % 2(# " + 3&# +
 "+ (% -+ " 4, +), # ' # % ' 2+ " &/ '(, # ! " -) & -+ " NM

] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(**+,)#&+R./,+0#



&+2+;!N#%REI MDMKJ H

g+* 4-8)+-&N+,"#%2/ REI MDMKJ H

`+,"#%RJ M V3

&+2:# 4,+"#%REI MDMKJ H

!"#%&@ " 17 <13-,-1+6-+.1;7 0,-1+3 34; 2*3 /17 <130+,3

@> F 820+9*3

" 17 <130+,3) 0+9*;*4G

453,0+/* /1+,*+4*	&1=" H	" 2033-./0,-1+ '>I>6>J J K6" !	" 1+/*+,;0,-1+
>/'&0(%+)! '7^-* ! '7^-()!'(%+	[(M5. RCD HI I [(MY? REKJ J BH K [(M9%2+6 R WKW KKE KK I	0-8* MS#ME]; EEB ?^+ 9,#ME] ; IJ H. Q_ Q. ? I]; IIW	+%NM BK M CFM 42" k
Q#&0% X2# 6^2+ 2+Z	[(M5. RJ I FW WC C [(MY? REIW WCB B		+%NM KM EBM 42" k
J IE f ' ,# ! '7^->+%ea%	[(M5. RHB W W [(MY? REKE FIW H [(M9%2+6 R WKJ KFI KK I	0-8* MS#M]; EEW5)/'+ Q(6M F]; IIE ?^+ 9,#ME]; IJ H. Q_ Q . ? I]; IIB. P#6 9,#ME]; IJ B 58/&# Y7,(%# E]; FJ J	+%NM M J KM 42" k
.(-N+% %&47'7&X4+',(- -+/* Zb-#7' &(* N%('')-&"#2 &')&.)#(\$+%# X I BKZ&02 %(')-&"#2 &' * /' &\$+%# X I FKZ&02 %(')-&"#2 &' (6# 3, ,+4,(2/)'#%X I WJ 3Z	[(M5. RVCFE HB W [(MY? REVB J HH K	5)/'+ Q(6M]; I KF	+%NM M J KM 42" k
E IJ IIXE h #^ 2,(E (6(J); >+% e# #2&e(- B ^-Z* # %(m&>(%^-mE (6(4,(4^-rBe(m+%e(# &)#	[(M5. RIJ DIC FE K [(MY? REBK DIK F		+%NM M J KM 42" k
EH; h J]; <7'7& -)^&0#%& '(X E Z [E H h I K h I J h I E) (44+,	[(M5. RJ FC J F D [(MY? REKB WDB J		+%NM M J KM 42" k
Q, # ! '7^->+%ea% X(/" #(* a,+Z	[(M5. REBBB] J I C [(MY? REFC KHH H	0-8* MS#ME]; EEBb5)/'+ Q(6M F]; I KEb5)/'+ Q(6MF]; IJ Eb. P#6 9,#ME]; IJ B	+%NM M J KM 42" k
0+, X, # 6^2+ 2+Z	[(M5. RJ IKH IC J [(MY? REJ B J VD E		+%NM M J KM 42" k
&)! '&+2+ E *! '7(6^ J * ! '7^-'7^+	[(M5. RJ KD WB W [(MY? REKI WKI H [(M9%2+6 R WKC J HB KK C	0-8* MS#M]; EEW	+%NM M J KM 42" k
Y N V K # * +% g+\$ J CK	[(M5. RECDW CW C		+%NM M J KM 42" k

!"#%&C(L;*7 -*;3 3*/14;3

C= M*3/;-,-1+) *3 <;*7 -*;3 3*/14;3

Y(%'+# \$! % , & / 6

Y(%' / -'+, / % * ! 2+) # % + %) &' 2+ * &-8# + M

. #-& N# ' # + + " # 0 (%') # % + (/ " # + - + " (/ 33 + 2 +), &* 4 + " b % + T &* & #

- / # 3 # + # \$ / , \$ # + , 8 / (# 8 / +) + " (# M

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&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -&Nt,"# %2/ REI MDMKJ H

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&+ 2:# 4, +""# % REI MDMKJ H

?%)&' 2:#67&-&'# %

Q, &0%'4(,'+, -&N# '# + U :-&# -#, +b-&4, ('\$+, 4& /%+) (/ Nt, ' / , + + ' -& * &#%+%# # * (>#+Mg+"4#&# # % &,' # # --+ +%)&' 2+ , +"4#&# # % #, ! \$/ -#b, + (/ 2:&, f' , +"4#&(#+ ?%)&' 2+ 4+, '+ 2+) (%') # % + b%+ , # % &2* # # # , +, 4& N (# > /))&+b* # + + % 2!) / ># / " -&! , &+ ') (%' / -'+, / % * ! 2+) # M

?%)&' 2+) (% &' &Nt) -&4+&/

54, a") (% &' &Nt) -&4+&/ b+%+Nt, # * ! 2#&+* + % ' (/ ' Nf'+* + % " (/ #! (/ !) -&> (/ ""! + ' N "+ -&Nt, # * ! 2#&+* + % + ' &> (% 2 &* * + % &Nt) 2:+&/ + ' 2/ " &N % M

?%)&' 2+) (% &' &Nt) -+" ^+/ 6

?%)&' 2+) (% &' &Nt) -+" ^+/ 6b4&/ 4#b, + (/ Nt, '+ , #0+ , # * ! 2#&+ * + % U :-+&/) (/ , &0% + J K U J B * #0/ '+ " + ') (%' / -'+, / % (47' &* (- \$ # ' + M

?%)&' 2:#6+""# %

Y(%' / -'+, / % * ! 2+) # M % &' &' 2+ 4+, '+ 2+) (%') # % + b%+ , # % &2* # % # , +, 4& N (# > /))&+b* # + + % 2!) / ># / " -&! , &+ ') (%' / -'+, / % * ! 2+) # M K, (N 8/ +, / % N * # " + * + % " # -& N# '# + + "") (%') # % + M

C=> L; -+/-<04G 3N7 <, 07 *3 *, *..*, 3P0-943 *,) ..8; 83

. ^* 4' n* +"

9/7 &-&# # % / 9/6 + ""# # % RS+ " N&4+ / , " (/ -+ >, (/ # & 2 2+ " (-N&0% 4+ / Nt%) & / "+, 2+ " * & / 6 2+ ' f'+b2+ " % & / " ! + " b2+ " ! ' (/ , 2# "+* + % " b-: #0) ((, 2# &# # % b-& " / 4+ / , b-: #, # &# # % 2/ % + eb2+ -& \$ (, \$ + ' 2+ " 4 (/ * (%' M9, # &# # % 2/ ' / > + 2# + ""# M Q, (/ > -+ " 2/ " ^ " a * + % + , Nt / 6 X & ' # / + b " (* % (-+ %) + b! ' (/ , 2# "+* + % " Z <+& V ^+ / 6 Ro, p- / , "+ b-& * (# * + % " b, (/ \$ + / , " + ' \$ (% 3 + * + % " 2+ ^+ / 6 b-! " # %') (, % + % 0+ " ' , &0% # (# + " b2+ "" a) 7 + * + % + ' \$ + , q / , "+ 2+ -& 4+& / M

?[Y5. ? Y_ [Q5YQ5 `? Y S?. h? 1i R<+ / ') & / "+, 2+ " -& * (# * + % " b 2+ " 4# (' + * + % " b2+ " , (/ \$ + / , " b2+ " #, # &# # % ' + ' 2+ " >, p- / , "+ M

?[Y5. :q ; 5S5Q9 [R9, # &0% 4 (/ , -+ " N # " , "+ 4# &(# + " M 5 &, "+ 4# , &# # % 4, (- (% 6! + (/ , ! 4! ! ! + 2+) (%) + % , &# # % ' 2+ N &4+ / , " , a" ! -+ N + " 4, (N 8/ + 2+ -+ / 47 (, # b2+ -+ + 6) # &# # % + ' 2+ " ! ' (/ , 2# "+* + % " b 2+ " * & / 6 2+ ' f'+b2+ " % & / " ! + " + ' 2+ " N * # "+* + % " b2+ " 2 (/ -+ / , " &> 2 (* # &-+ " b2+ -& 3& # / + + ' / % + 3& # -+ "" + * / ") / -&# + M 5 : &' 4# &# # % 2 &0% ' -+ " 4 (/ * (%' 4+ / ') & / "+, -+ . [Y X ^ " a * + % + , Nt / 6) + % , &-Z + ' -: &' 4# &# # % " / > " ! 8 / + % + 2 &0% ' -+ " 4 (/ * (%' 4+ / ') & / "+, / % r 2a * + 4 / - * (% 8 # + + ' / % + 2! 4, + "" # % 2+ 4 % + / * (% #) 7 # # / + M 1 % + " / , + 64 (" # # %) 7, (% 8 / + U 2+ ") (%) + % , &# # % ' ! -+ N + " 4+ / ' + % , & 9% + , / % + 2! 4, + "" # % 2/ . [Y M

?[Y5. ? Y_ [Q5YQ5 `? Y S5 <? 51 RS+) (% &' 4, (- (% 6! (/ , ! 4! ' ! &Nt) -&4+&/ 4+ / ') & / "+, / % + #, # &# # % * (2! , ! + U \$, &Nt b ^) (* 4, # 2+ " 2! * &0% + &# (%' + ' 2+ " , (/ \$ + / , " 2+ -&4+&/ b / % 2! \$, &# # % + + ' V (/ / % + 2+ , * &# + M + 4, (2 / # 4+ / ' ! \$ &-+ * + % f' , + &> " (, > ! 4& , -&4+&/ + ' 4, (2 / # + 2+ " ^ * 4' n* + " 2 / . [Y M 1 % + " + / -+ + 64 (" # # % 4, (- (% 6! + % + , # 8 / + 4&' 2: + % , & 9% + , -&> " (, 4' # % 2/ 4, (2 / # 4& , -&4+&/ + % 8 / &0% # ! " % () # N " M

? 33+ " % () # ' 4 ("" # -+ " / , -+ " 7 (* * + " + ' ^ * 4' n* + " 4 ("" # -+ " R9 , # &# # % 2+ " ^+ / 6 b #, # &# # % 2+ " N # " , "+ 4# &(# + " b2+ "" a) 7 + * + % + ' 4, + "" # % 2/ . [Y M

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -&Nt, "# % 2/ REI MDMKJ H

`+, "# % RJ M V3

&+ 2:# 4, +""# % REI MDMKJ H

\$+, q/ ,+ " 2+ -&4+&/ b! '(/ , 2# " +* +%" b3& # / +b* &/ 6 2+ 'f'+b4+, ' +
 2+) (%') # %) + (/ & " 47^6 # M5+ " +33+ ") 7, (% # / + " 2+ -:# \$ + " # % + ' 2+
 -:& " 4# & # % " / > " ! 8/ + % + 2 & % " - " 4 (/ * (%' 4+ / N+ %) & / " +, -& 3 ,
 * & # % 2+ 4% / * () a+ + X) & N# ! 4/ - * (% & # + Z+ ' / % + 2 ^ " 3) % ' # % 4 / -
 * (% & # +) 7, (% # / + M5: + 64 (" # # % U 2+ ") (%) + % , & # % ' 2+ N84 + / , "
 2+ " (-N8% " " / 4! , # / , + " & / 6 -# # + " 2: + 64 (" # # % 4, (3+ " " # % % + - + # 6
 2 # / ! + " 4+ / ' & N (# 2+ " + 33+ " % d 3& " + " " / , -& " & % ! b) (* * + - : # , # &
 ' # % 2+ " * / 8 / + / " + " + ' 2 / " ^ " ' a * + , + " 4 # & ' (# + + ' 2+ " + 33+ " % d 3& " + "
 " / , - + " , + # 6 ' b - + 3) # + ' - + " ^ " ' a * + % + , N+ / 6) + % , & - M5+ " " ^ * 4 ' n * + "
) (* 4 , + % % + % * & / 6 2+ ' f ' + b % & / " ! + " b ! ' (/ , 2# " + * + % " b 3& # / + b 3& #
 > - + " " + * / ") / - & # + b " (* % (- + %) + + ' b 2 & % " - + ") & " + 6 ' , f * + " b 4 + , ' + 2+
) (%') # %) + M
 S+) (% &) ' 4, (- (% \$! (/ , ! 4! ' ! & N+) - & 4+ & / 4+ / ') & / " + , / % + # , # & # %
 * (2! , ! + U \$, & N+ b ^) (* 4 , # 2+ " 2! * & % \$ + & # (%' + ' 2+ " , (/ \$ + / , " 2+
 - & 4+ & / b / % 2! \$, & # " & \$ + + ' V (/ / % + 2+ , * & # + M + 4 , (2 / # 4+ / ' ! \$ &
 - + * + % f ' , + & > " (, > ! 4 & , - & 4+ & / + ' 4 , (2 / # + 2+ " " ^ * 4 ' n * + " 2 / . [Y M
 1 % + " + / - + + 64 (" # # % 4 , (- (% \$! + % + , # 8 / + 4 & " 2: + % , & % + , - : & > " (, 4 ' # %
 2 / 4 , (2 / # 4 & , - & 4+ & / + % 8 / & % # ! " % () # N+ " M

! " # \$ % & Q (F * 34 ; * 3) * 24 , , * / 1 + , ; * 2 - + / * +) - *

Q = F 1 N * + 3) : * G , - + / , - 1 +

c (^ + % 2 : + 6 ' # 0) ' # % & 44 , (4 , #

t+ ' 2 : + & / 4 / - N , # ! + b ? 6 ' # 0) ' + / , U " +) b * (/ " " + , ! " # ' & % + U - : &) ((- b #
(6 ^ 2 + 2 +) & , > (% + X _ E Z

Q >= M0 + 9 * ; 3 < 0 ; , - / 4 2 * ; 3 ; 83420 + ,) * 20 3453, 0 + / * 14) 4 7 8 20 + 9 *

S+ " , # 8 / + " " 4 !) # # / + " 2 : / % +
 + 64 (" # # % b 4 , (N 8 / ! " 4 & , - &
 " / > " " & 0) + (/ - & 4 , ! 4 & , & # %
 + - + * f * + b 4 & , - + / , " 4 , (2 / # "
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* (% (6 ^ 2 + 2 +) & , > (% +
 Q+ % # U - : !) & , ' 2+ - &) 7 & + / , b 2+ " " / , 3 &) + ") 7 & / 2+ " b 2+ " ! ' # 0) + - + " b 2+ "
 3 & * * + " % / + " + ' 2+ + ' (/ ' + & / ' , + " (/ ,) + 2 : # 3 & * * & # % d [+ 4 & " 3 ' * + , M
 Q+ % # & / 3 & # M
 c # + U - & ' + , + V - # # (% ! 8 / # (' + % # - + 2 / , !) # # % + ' 2 / * & ! , # - 2+
 , !) + 4 ' # % M
 1 ' # # + , 2 / * & ! , # - ! - +) , # / + V 2+ N+ % # & # % % 2 : !) - & # & \$ + V V & % # ! 3 &
 \$, & % M
 1 ' # # + , 2+ " (/ ' # " 4 & , + ! ' # 0) + - + M
 d N # + , - : &) / * / - & # % 2+) 7 & , \$ + " ! - +) , (" ' & # / + " M
 [+ 4 & " , + " 4 # + , - + " 4 (/ " " # , + " V 3 ' * ! + " V \$ & e V > , (/ # - & 2 " V N 84 + / , " V &
 , (" (- " M
 d N # + , ' (/ ') (% &) ' & N+) - + " ^ + / 6 b - & 4+ & / (/ - + " N f ' + * + % " M

Q = @ " 1 + 3 * - 23 04 G < 17 < - * ; 3

5 / ' , + " # 6 2 # & # % " " / , - & - / ' ' +
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< (, ' + , / % & 44 & , + # , + " 4 # & (# + & / ' (% (* + + ' / % +) (* > # 6 # (% 2 + 4 , (' +) ' # %) (% , + - + " " / > " " & 0) + ") 7 # # / + " M 6 + 3 (# # & N+) 2+ - : + & / - + "
 , !) # # % " 3+ , * ! " " + ' , (/ N 8 % U 4 , (6 # # ! 2 / 3) ^ + , 2 : # 0) + % 2 # M < (/ ,
 4+ ' # + > (/ ' + # + R d ! (/ 33+ , & N+) 2+ - : + & / b / % +) (/ N+ , ' / , + * (/ # ! + (/
 / % + " + , N # " + M

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(**+,)#<+R./,+0#



&+ 2+ ,! N#% REI MDMKJ H

g+* 4-&)+-&Nt,"#%2/ REI MDMKJ H

`+, "#%RJ M V3

&+ 2:# 4, +"#% REI MDMKJ H

S+" N&4+/, "#8/+% 2+ 4&)(/, # 2+" 2#' &0%+") (% #2!, &>+" &N&%
2:&' +#02, + /%+ "(/,) + 2:&- / * &\$+b2+ " :&- / * +, b2+ 4, (N 8/+, -+, +
'(/, 2+" 3&* * +" (/ /%+ +64-("# %M5(, " 2+ -:/'##&#%b3, * &#%
4(""#-+ 2+ * !-&0\$+ N&4+/, &# #0&*& * &>-+V+64-("#M

!"#%& R(F *34;*3 S < ; *+); * *+ /03) *) -3<*; 3-1+ 0// -) *+, *22*

R = L; 8/04, -1+3 -+) -T-) 4*22*3P8E4-<*7 *+,) * <; 1, */, -1+ *, <; 1/8) 4;*3) :4; 9*+ / *

<,!) &' #%' #02#N2 / +--+ " 1'##+, /%! 8/ #+* +% 2+ 4, ('+) #%' #02#N2 / +- X\# /, >, #/ + DZM

R > L; 8/04, -1+3 <14; 20 <; 1, */, -1+) * 2*+T-; 1+++*7 *+,

<,!) &' #%' 4(/, -&4, ('+) #%' [+ 4& -&#"+, " :!) (/ -+, 2&0% -+") &0&-# &#%' % #2&0% -+" +&/ 6) (/
2+ -:+%N#(%0%+* +% , &0%+" M

. + -&Nt, -+" * �% &N&0% 2+ * &0\$+, b2+ >(#+ (/ 2+ 3' * +, M
S&Nt, -+" Nf'+* +% " (/ #!" &N&0% 2+ -+" , ! /'##+, M

R @ F 8, B1) *3 *, 7 0, 8; -*2) * / 1+. -+*7 *+, *,) * +*, , 1N09*

c !'7(2+" 2+ %+' (^&\$+

g+) / + # # -+ 4, (2/ # , ! 4&02/ M- (# %+, ' (/' + " (/,) + 2: # % # # % (M P N&) / +,
-+" 4+, " (%0%+ " + % - # / " p, M' + % #+, -& e (%+) (%) +, % d + M (- 2&0\$+, +/
"+* + % \$ - # " &0% + %) &' 2:!) (/ -+* + % V2+ 2! Nt, "+* + % 2/ 4, (2/ # M5 >
" (, >+, &Nt) / %+ "/ > " &0% + - # &0% -+" - # / # 2+" X' &> -+ b2 # &' (* # + b - # &0%
2:&) # 2+" b - # &0% / % Nt, "+ - ZM [+ 4& " #0% 4 # +, -+" N&4+/, " V& , (" (- " M
S: ! - # # &#%' # % 2(# " + 3&# + "+ (% - "+" 4, "+), # # # %' 2+" &/ (, #! " -) &+ " M
? - (# %+, ' (/' + " (/,) + 2: # % # # % M
[+' (^+, &Nt) / % * &! , # &/ & > " (, > &0% X4M+6M) 7 # &3 % b % (% ' # " ! ZM

!"#%& I (F 0+ -<420, -1+ *, 3, 1/U09*

I = L; 8/04, -1+3 S < ; *+); * <14; 4+* 7 0+ -<420, -1+ 30+3) 0+9*;

Y (%'+# " 4(/, / %+ * &0%# / -&' # %
" &0% 2&0\$+,

c +' , + ' (/' -+" , !) # # # % " U - &' + , , + 4+ % 2 &0% - & 2!) &0% &' # % M [+' (^+,
! \$ / - # , +* + % - + \$ (/ - (' 2+ - & > (/' + # + 4(/, + % + Nt, -+" 2! 4n " 2+ , !
" #0% X0%+' (^+, - : #0! , # / , 2/ > (/) 7 (% 2 4(/, &' " / , +, / %+ > (%0%+ ! ' &0%
) 7! #! M [+ 4& ' 3' * +, 4+ % 2 &0% -:/'##&#% M #0%) + " " &# + b &T(/' +, 2/
2 # / &0% 4(/, (> + % # - & > (%0%+ ! 4&# "+ / , 2+ * &! , # &/ M

I > " 1+) -, -1+3) :4+ 3, 1/U09* 3V; PN / 17 <; -3) :8T*+, 4*22*3 -+ / 17 <0, -5-2, 83

?6#%0%+" 4(" ! +" &/ 6 + % , +4n' "
+') (% + % + / , "

c &0%# / -+, -+") (% + % &0% " &Nt) " (#0% 4(/, ! N#+, -+" 2(* * &\$+ " + ' -+"
2! Nt, "+* + % " M

9%2#&' # %') (%) +, % &0% -+" "' () P&\$+ " + %) (* * / %

Q+ % # U - :!) &' 2:&) # 2+" 3, " " b2+ > &' + " 3, ' + " + ' 2:&\$+ % " (6^2&0% "
4/ # " &0% " b &3#0% 2: ! N#+, 2+" , ! &' # %' + 6(' 7+, * # / + " M

Y (%' # %+" 2: + % , +4(" &\$+

S# #+, -:+% , +4(" &\$+ 2+" * &' # , + " #0&*& * &> -+" &/ 6 + % 2, (# " &4
4, (/ N " M % , +4("+, -+" > (/' + # -+" U - : &> , # 2+ - &) 7 &+ / , M Q+ % # U - :!) &'
2+" 3&* * + " % + " 2/ >, p - + / , > / %' + % (/ 2+ - & 3 / , % &# + M = & , 2+, -+"
) (% + % &0% " 7+, * ! ' # / + * + % 3+, * ! " M d N#+, 2: + % , +4("+, 4, a " 2+"

] *4-22*) 1/47 *+,) * 38/4;-, 8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&-+ R ./, +0#



&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -& N+, "# % 2/ REI MDMKJ H

`+, "# % RJ M V3

&+ 2:# 4, +""# % REI MDMKJ H

&) #2+" +' 2+" "(-N&% ") 7-(, ! "MQ+* 4!, & /, + 2+" "() P&\$+ RWK\ YVJ FK\ 0 * #NVS+") (%+%&% " 4+/ N+% f', + 2&%\$+, +/ 6 -(, "8/ :# " (% N#2+" M S+") (%+%&% " N#2+") (% # %&+ % 2+" ,! "#2/ " M

I @?, -230, -1+V&X. -+02*V&X<0; , -/42Y; *V&X

1'##&#%Z"4!) #B/ +X'Z

5/)/%+ #B, * &# % 2#4(%#-+M

!"#%& K(" 1+;, 02*3) * 2*G<13-, -1+6<; 1, */ , -1+ -+) -T-) 4*22*

K= L0; 07 Y, ; *3) * /1+, ; 02*

54, 0+1+*Z8, BNZ 8, BNZ 8, 1+*

H2*7 09+*

[02*4; 6 <<7	[02*4; 6 7 9=67 @	[02*4; \-7 -, * LZD.1+)	A*7 0; E4*	M0, *) :87 -33-1+	14; /*
EKK	WKK	J XZ	uj Z uEZ	KJ VKW	Qg= . HKK

uj ZRY(* * # " # % 2: %& / f' + "/, -+ " 2&%\$+, " 4(/, -& " &%! 2+") (* 4(" ! ") 7# # / + " 2&%\$+ -+ * # # / 2+ -&, +) 7+,) 7+M1 % # % + /, (4! + %&+ Mv <; gR() &- uEZR5=wx ?x; Rg; <v 1%, #8/ + 2:+33+ " ' !, &(\$a%+ " %& 2(# 4&'), , + -(, "8/ + -& -# # + 2:+64("## % 4, (3+ " # %&+ -+ + ' -& N&+ /, -# # + ># - (\$ # / + Xo=wZM

H2*7 09+*

H2*7 09+*	L0; 07 Y, ; *	F 0, 8; -04) :0+0 ZNB*	M0, *) * <; 82Y T*7 *+,) :8/B0+ , -221+3	M0, *) :87 -33-1+	14; /*
E * \$V-	E o/ ' &% %	1	>	KBVEKJ B 0=	Qg= . HKI

! 4; 1<*

[02*4; S 21+9 , *; 7 * 6 7 967 @	[02*4; S 21+9 , *; 7 * 6 <<7	[02*4; S /14;, , *; 7 * 6 7 967 @	[02*4; S /14;, , *; 7 * 6 <<7	M0, *) :87 -33-1+	14; /*
WKK	EKK	HKK	I KK	EKKKVI H	Qg?YQ9? EKKHVJ WJ V1?

M0+*7 0; U

[02*4; 6 <<7	[02*4; 6 7 9=67 @	&1, *+,	14; /*
BK	J FB	?	o+P+%2'\$y, +-" (* z % 2, #&\$ &3>+P+%2'\$y, +-" (* \$, z %' +Nz , 2#, 3, NMI

&1; TY9*

[02*4; 6 <<7	[02*4; 6 7 9=67 @	14; /*
CB	EEK	`+#+2%#&\$ (* &2* #&#', &#N+ % (, * +, 3, 3, /, +%#%#&\$ #&, >+ # " &' * (" 3z NMI

4Y) *

[02*4; S 21+9 , *; 7 * 6 <<7	[02*4; S 21+9 , *; 7 * 6 7 967 @	[02*4; S /14;, , *; 7 * 6 <<7	[02*4; S /14;, , *; 7 * 6 7 967 @	M0, *) :87 -33-1+	14; /*
BK	J BK	I KK	HKK	EKJ B	; h=9[9 { 5 =g | [ . ` | g ? [_ Y; } Q= | g ? g c _ Q S10Q0~

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&+ R . / , +0#



&+ 2+ ,! N# # % REI M D N K J H

g+* 4-&)+ -& N# , "# % 2/ REI M D N K J H

`+, "# % R J M V 3

&+ 2:# 4, +""# % REI M D N K J H

[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	#F L +b	]# +b	M0,*) :87 -33-1+	14;/*
EKK	WKK	I KK	HKK	g#8/ + 2+ 4! %d ', &# % 4+,) / ' &%d +M	DF	J F	EKKC	`&+/, " -# * #+" 2:+6 4("## % 4,(3+" "# %t--+ &/ 6 &\$+% ") 7# * #B/ +" +% NMM

a*29-E4*								
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @					14;/*
EKK	WKK	I KK	HKK					S#'+ 2+ N&+/, " -# * #+" 2:+64("## % 4,(3+" "# %t--+ &/ 6 &\$+% " NMM

LONB a03								
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 7 967 @	A831;5,-1+) * 2^8<-) *,7 * 6 3*+3-25-30,*4;			14;/*			
BHK	HKK				S#"' * +' @+''+-#P+ \$,+%' @&& 2+% EKJ J			

_ ;0+) * a;*,09+*								
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*			
EKK	WKK	I KK	DHH	<+/' f', + &>"(,>! 4& -&4+&/ M	?; FKVEKKB w(, P 4-&)+ +64("/, + -# * # " XEKJ J Z			

A8<452E4* ,/BYE4*								
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 7 967 @	&1,*+,			14;/*			
WKK	HKK	9			[5g " ?[" " S^ h e + 2%+ J E M , (" #0) + EKKC P+' , ^* "+ "' &% (N#4 (2* - %P^ () NMM			

\ :\$ 20+) *								
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*			
EKK	WKK	I KK	HKK	. Pb9 ?S`	Y (2+ (3<, &) '#+ 3, '7+ . & 3+'^ ; +&'7 &%2 w+-3& , + &' w(, P XEKJ J Z			

` 1+9;-*								
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 7 967 @	&1,*+,			A*7 0;E4*	14;/*		

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&- R ./ ,+0#



& + 2+ ,! N# # % REI MDN KJ H

g+* 4-&) + -& N#, "# % 2/ REI MDN KJ H

`+, "# % R J M V3

& + 2:# 4, +""# % REI MDN KJ H

WKK	HKK	>b#	99IMR 1J	EBVEKKKMM9 MI KM ?@c .eY"c +\$^@'+" ,+%2+-+' &* /%P&7+ -^+P P! * #&#>NMI
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! 3,1+ -*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	14;/*
WKK	EKK	HKK	I KK	Q - P+" PP(%& P++* # -#' + (7/' + \$/ ,# + 4# # % (, * # J J M K N K K C % EEI XgQ NMI

21T8+ -*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; \-7 -, * L20 .1+)	A*7 0; E4*	14;/*
WKK	EKK	J bB	o5Qb?1	CC

F 02*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	14;/*
WKK	EKK	HKK	I KK	[&# %&- _) / 4&# %&- ?64("/ , + S# # " c &'& EKKI

\4G*7 514;9				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	14;/*
WKK	EKK	HKK	I KK	ga\$-+* +% \$, &%2 2/) &- 2/ I J () '(> , + EKKD * (2#B&% - , a \$-+* +% \$, &%2 NMI

\-,40+ -*				
[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	14;/*
WKK	EKK	HKK	I KK	I W

a420; -*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14; ,*,7 * 6 7 967 @			14;/*
BHK	DDB			DJ

\0 *, ,1+ -*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	14;/*
WKK	EKK	HKK	I KK	CD

\0 A147 0+ -*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	14;/*
WKK	EKK	HKK	I KK	CH

] *4-22*) 1/47 *+,) * 38/4;-, 8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&-+ R ./,+0#



&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -&Nt,"# %2/ REI MDMKJ H

`+, "# %Rj M V3

&+ 2:# 4, +""# % REI MDMKJ H

	L0;07 Y,;*	M0,*) * <;82YT*7 **,	14; /*
E * \$V-	-&* !'7^-!'7^-)! '(%t 2+ * !'7^-+ 2&0% "-/ , #t	):8/B0+,-221+3 ?%2 (3"7#	CH

_ ;Y/*				
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S /14;, ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 <<7	14; /*
WKK	EKK	HKK	IKK	DK

#-,0+* Wj-1GN) *) *X

MO+*7 0;U		
[02*4; 6 7 9=67 @	A*7 0;E4*	14; /*
W	)&)/-! )( * * + Q#	o+P+%2'\$y,+-" (* z %2, #& &3>+ P+%2'\$y,+-" (* \$, z %'+Nz , 2#, 3, NMI

&1;TY9*

[02*4; 6 7 9=67 @	14; /*
B	`+#+2%#& (* &2* #/##',& #t % (, * +, 3, 3, /,+%'#& # &,>+& " &' * ("3 NMI

4Y) *

[02*4; S 21+9 ,*;7 * 6 7 967 @	M0,*):87 -33-1+	&1,*+,	A*7 0;E4*	14; /*
B	J HHK	4(/ "" #, + " (' &-"	uj Z	; h=9[9 { 5 =g | [ . ` | g ? [_ Y; } Q= | g ? g c _ Q S10Q0~g_g?[9 =5g EKJ J B D

uj ZR5Nt) -" 4(/ "" #, + " 2+ -&' +%t/ , +%4(/ "" #, + " # % # 8/ + 2&0% -&% (, * + "/! 2(#+ ? [FD] b&* ("47a,+ " +%* ##/ 2+ ', &N# 2! 3#/# ° Q8# + 2! 3#/#
' # % 2+ 3 &)' # % 4(/ , -&* + "/ , + 2+ " 4& ' # / -" + % "/ " 4+0% # % b % / * ! , (J b] HHI b4& , & \$, & 47+ ENI b+ ' & 2+ ") & &) ! , # ' # / + " 2: !) 7&0% # (% % & \$ + N# ! + " & /
4& , & \$, & 47+ BM

H4,; -/B*

M17 0-+*) * T02) -, 8	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 7 967 @	M4;8*	];8E4*+/* <0; 8E4-<*	14; /*
c 5{	B	J K	WkXc #@Z	E6	.' (33-#'+ Xc 5 { w+, ' + / %2 Qg { w+, ' + EKJ EZ

4-33*

[02*4; S 21+9 ,*;7 * 6 7 967 @	&1,0,-1+3	#1G-/, 8 /; -, -E4*	A*7 0;E4*	14; /*
I &	..Y	`g9	X# J NMI Z	. 1 ` 5 . / # " + EKJ C

!,0,3 ?+-3 WMI _ \$ X

[02*4;) * 21+94*) 4;8*	a03*	A*7 0;E4*	14; /*
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] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#<+ R . / , +0#



&+ 2+ , ! N# # % REI MDMKJ H

g+* 4-&)+ -& N# , "# % 2/ REI MDMKJ H

`+ , "# % RJ M V3

&+ 2:# 4, +" "# % REI MDMKJ H

J K * \$V* ±	S/ %\$	[(') - & " # \$ % > - + & " & ; / * 8%	5Y=9 Q7, +" 7(-2 S# # ` & - / + " 3 , Y7+* # & . / > " ' 8%) + " EKKD
--------------	--------	---	--

! 3<09+*		14; / *	
[02*4; S 21+9 , * ; 7 * 6 7 967 @	S; * # + " 2+ +64(" # # % 4, (3+ " # % & 4 & , & 5 \$ + % + " S / ; * # (" EKJ F		
J K			

]; 0+ / *				14; / *	
[02*4; S 21+9 , * ; 7 * 6 7 967 @	&1, *+,	] # + b	MO, *) :87 -33-1+	` & - / , " - # # + " 2 : + 6 4 (" # # % 4, (3+ " # % + - + & / 6 & \$ + % ") 7 # * # / + " + % NMM	
J K	+ % Q#	E H J	J H D C		

a*29-E4*		14; / *	
[02*4; S 21+9 , * ; 7 * 6 7 967 @	S# ' + 2+ N & - / , " - # # + " 2 : + 6 4 (" # # % 4, (3+ " # % + - + & / 6 & \$ + % " NMM		
J K			

_ ; 0+) * a ; * , 09+*			14; / *	
[02*4; S 21+9 , * ; 7 * 6 7 967 @	A*7 0; E4*	? ; F K V E K K B w (, P 4 - &) + + 6 4 (" / , + - # * # " X E K J J Z		
J K	& N (- & # + X \$ - (> & Z			
F	& N (- & # + X + " 4 # & > - + Z	? ; F K V E K K B w (, P 4 - &) + + 6 4 (" / , + - # * # " X E K J J Z		

\ : \$ 20+) *			14; / *	
[02*4; S 21+9 , * ; 7 * 6 7 967 @	&1, *+,	Y (2 + (3 < , &) ' # + 3 (, ' 7 + . & 3 + ^ ; + & - ' 7 & 0 2 w + - 3 & , + & ' w (, P X E K J J Z		
J K	' (' & # 7 & & > - + 2 / "'			
F	, + " 4 # & > - + 2 / "'	Y (2 + (3 < , &) ' # + 3 (, ' 7 + . & 3 + ^ ; + & - ' 7 & 0 2 w + - 3 & , + & ' w (, P X E K J J Z		

! 3, 1+ - *		14; / *	
[02*4; S 21+9 , * ; 7 * 6 7 967 @	Q - - P + " P P (% & P + + * # # ' + (7 / ' + \$ / , # + 4 # % (, * # J J M K N K K C % E E I X Q N M M		
B			

21 T 8+ - *		14; / *	
&1, *+,	1 c Y _		
h			

\ - , 40+ - *		14; / *	
[02*4; S / 14 ; , , * ; 7 * 6 7 967 @	I W		
B			

a4290; - *

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDN KJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H
 &+ 2:# 4, +""# % REI MDN KJ H

[02*4; S 21+9 ,*;7 * 6 7 967 @	&1, **,	14;/*
J K	2 3 ' ¶ . 2 , 1 . ° 3 ¼ ¶ 2 , ½	DJ

_ ;Y/*		
[02*4; S 21+9 ,*;7 * 6 7 967 @	&1, **,	14;/*
J K	¾/Æ×M	DK
B	Ø×ØÐ×M	DK

' P R C ,;-7 8, BNZ **+cY+*

H2*7 09+*					
[02*4; 6 <<7	[02*4; 6 7 9=67 @	[02*4; \-7 -, * L20.1+)	A*7 0;E4*	M0,*) :87 -33-1+	14;/*
EK	J KK	EX9Z	uj Z 5=wx ?xhRg; <v	KJ VKW	Qg=. HKK

uj ZRY(** # "# % 2 : % 8 / f ' + " / , - + " 2 & 8 % 6 + , " 4 (/ , - & " 8 % ! 2 +) (* 4 (" ! ") 7 # # 8 / + " 2 & 8 % - + * # # / 2 + - & , +) 7 + M ! % # % + / , (4 ! + % 8 + M < ; g R () &)

! 4; 1 <*			
[02*4; S 21+9 ,*;7 * 6 7 96	[02*4; S 21+9 ,*;7 * 6 <<7	M0,*) :87 -33-1+	14;/*
7 @	EK	EKKKVI H	g?YQ9? EKKHVJ WJ V1?

M0+*7 0;U			
[02*4; 6 <<7	[02*4; 6 7 9=67 @	&1, **,	14;/*
EK	J KK	?	o+P+%2'\$y,+-" + (* z % 2, # 6 & 3 > + P + % 2 '\$ y , + - " + (* \$, z % ' + N z , 2 # , 3 , N W

4Y) *					
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14; , ,*;7 * 6 <<7	[02*4; S /14; , ,*;7 * 6 7 967 @	M0,*) :87 -33-1+	14;/*
EK	J KK	I B	J CK	EKJ D	; h=9[9 { 5 =g | [ . ` | g ? [_ Y ; } Q = | g ? g c _ Q S 1 0 Q 0 ~ g _ g ? [9 = 5 g EKJ J B D

]-+20+) *			
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	M0,*) :87 -33-1+	14;/*
EK	J KK	J HHD	; QQ< & N ' EKJ ERB ; 59 Q5SS9 9 . 9Q1 [[? Q1 Q <9 Q_ 9 11 ? Q

H4,;-/B*							
M17 0-+*) * T02) -,8	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14; , ,*;7 * 6 <<7	[02*4; S /14; , ,*;7 * 6 7 967 @	M4;8*	] ;8E4**/* <0; 8E4-<*	14;/*
c 5 {	EK	J KK	I K	J BK	J B X # @ Z	F6	.' (33 # ' + Xc 5 { w + , ' +

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R ./,+0#



&+ 2+ ,! N# # % REI MDMKJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& N#,"# % 2/ REI MDMKJ H
 &+ 2:# 4,+""# % REI MDMKJ H

							/ %2 Qg{ w+, '+ EKJ EZ
--	--	--	--	--	--	--	---------------------------

! 3<09+*							
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 96	&1, *+,					14;/*
EK	J KK	`S9					Sj* #+" 2+ +64("# # % 4, (3+ "# % &- 4& & 5 \$ +% + " S / ; * # (" EKJ F

]; 0+/*							
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 96	[02*4; S / 14; , ,*;7 * 6 <<7	[02*4; S / 14; , ,*;7 * 6 7 96	#F L + b	MO, *) :87 -3		14;/*
EK	J KK	BK	EBK	DF	EKKC		`&+/, " -# #+" 2:+64("# # % 4, (3+ "# % +--+ &/ 6 & \$ +% ") 7# * # / + " +% NMI

LONB a03							
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S / 14; , ,*;7 * 6 7 967 @						14;/*
J KK	EKK						S# " ! * + ' @ + ' + - # P + \$, +% ' @ & & 2 + % EKJ J

A8<452E4* ,/BYE4*							
[02*4; S 21+9 ,*;7 * 6 7 96	[02*4; S / 14; , ,*;7 * 6 7 967 @	&1, *+,					14;/*
J KK	EBK	9					[5g " ? [" " S^ h e + 2%+ J EM, ("# #) + EKKC P + ' + , ^ * " + " " & @ (N # 4 (2 * - % P ^ () NMI

\ : \$ 20+) *							
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 96	A*7 0; E4*					14;/*
EK	J KK	9_ ? S`					Y (2 + (3 < , &) ' # + 3 , ' 7 + . & 3 + ' ^ ; + & - ' 7 & @ 2 w + - 3 & , + & w (, P X EKJ J Z

` 1+9; -*							
[02*4; S 21+9 ,*;7 * 6 7 967 @	A*7 0; E4*						14;/*
J KK	? 1 J						EBVEKKKKM@ M I KM? @c . eY " c + \$ ^ @ ' + " , +% 2 + - + ' & * / % P & 7 + ^ + P P ! * # # > NMI

! 3, 1+ -*							
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7						14;/*
J KK	EK						Q " P + " PP (% @ & P + + * # # ' + (7 / ' + \$ / , # + 4 # % (, * # J J M I K N K K C % E E I X g Q NMI

21T8+ -*

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDMKJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& N#,"# %2/ REI MDMKJ H
 &+ 2:# 4, +""# % REI MDMKJ H

[02*4; S 21+9 ,*;7 * 6 7 96 7 @	[02*4; S 21+9 ,*;7 * 6 <<7	A*7 0;E4*	14;/*
J KK	EK	?1	CC

F 02*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	14;/*	
J KK	EK	[&#%&-_)/4&#%&-?64("/,+ S# * # " c &'&EKKI	

\4G*7 514;9			
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	14;/*	
J KK	EK	ga\$-+* +% \$,%&2 2/)&- 2/ IJ ()'(>,+ EKKD * (2#&0% -+ ,a\$-+* +% \$,%&2 NMI	

\-,40+ -*			
[02*4; S /14; , ,*;7 * 6 7 967 @	[02*4; S /14; , ,*;7 * 6 <<7	14;/*	
J KK	EK	IW	

a420;-*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	14;/*	
J KK	EK	DJ	

\0 *, ,1+ -*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	14;/*	
J KK	EK	CD	

\0 A147 0+ -*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	14;/*	
J KK	EK	CH	

_ ;Y/*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	14;/*	
J EB	EB	DK	

>d` @ ` LB,B021/N0+--+0,1W X &>d&@ &@ &@ /1<<*

\0 *, ,1+ -*			
[02*4; S 21+9 ,*;7 * 6 7 967 @		14;/*	
B		CD	

#;-7 8,BN5*+cY+* W143 -317 Y;*3X

MO+*7 0;U			
[02*4; 6 <<7	[02*4; 6 7 9=67 @	14;/*	
EB	J EK	o+P+%2'\$y,+-' + (* z %2, #6 &3>+ P+%2'\$y,+-' + (* \$, z %'+Nz ,2#, 3, NMI	

&1;TY9*			
[02*4; 6 <<7	[02*4; 6 7 9=67 @	14;/*	

] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&+ R ./, +0#



&+ 2+ ,! N# # % REI MDN KJ H
 `+, "# % Rj M V3

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H
 &+ 2:# 4, +""# % REI MDN KJ H

EK	J KK	`+#+2%#%# (* &2* #/#', &#t % (, * +, 3, 3, /, +%'#%# #&, >+ # " &* (" 3 NMM
----	------	---

4Y) *					
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	M0,*) :87 -33-1+	14;/*
EK	J KK	I B	J CK	EKJ D	; h=9[9 { 5 =g | [ . ` | g ? [_ Y; } Q= | g ? g c _ Q S10Q0~ g_ g? [9 =5g EKJ J B D

]-+20+) *					
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 96 7 @	M0,*) :87 -33-1+	14;/*		
EK	J KK	J HHD	; QQ< & N' EKJ ERB ; 59 Q5 SS9 9 . 9Q1 [[? Q1 Q <9 Q_ 9 11 ? Q		

L1219+*		
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 7 967 @	14;/*
J KK	J CK	g_ <_ g 5 ? [9 c q 9 Qg5 <g5Yh 9<_ S9Qh { 9 . <_ S?Y [? t j Ze 2%#&J W) et, @ NMM

H4,; -/B*						
M17 0-+*) * T02) -, 8	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 96 7 @	M4; 8*	] ; 8E4** / * <0; 8E4-<* 14;/*
c 5 {	EK	J KK	I K	J BK	J Bx # @ Z	F6 . ' (33#'+ Xc 5 { w+, '+ / % 2 Qg { w+, '+ EKJ EZ

4-33*						
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 96 7 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 96 7 @	&1,0,-1+3	#1G-/, 8 /; - , -E4*	14;/*
EK	J KK	FK	EKK	..Y	. [Y 5 "" 7 * + . 8%#	. 1 ` 5 . / # "" + EKJ C

!, 0, 3 ? + - 3 VM" _ \$ X		
[02*4;) * 21+94*) 4; 8*	a03*	14;/*
EB 44*	9, # & # % bY [. b > - ((2	5Y=9 Q7, +"# (-2 S# # ` &- / + " 3, Y7+* # &- . / > " &%) + " EKKD

a*29-E4*		
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	14;/*
EK	J KK	S#'+ 2+ N&+ / , " -# # + " 2: + 64 (" # # % " 4, (3+ "" # % @ + - + & / 6 & \$ + % " NMM

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDMKJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& N#,"# %2/ REI MDMKJ H
 &+ 2:# 4, +" "# % REI MDMKJ H

_ ;0+) * a;*,09+*			
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	14;/*	
EB	J EB	?; FKVEKKB w(,P4-&)+ +64("/ ,+ -# * #" XEKJ J Z	

\:;\$ 20+) *			
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 96	A*7 0;E4*	14;/*
EK	J KK	. Pb9 ?S`	Y(2+ (3<, &)' #+ 3, '7+ . & 3+' ^; +&-' 7 &0%2 w+-3&, + & w(, P XEKJ J Z

! 3, 1+ -*			
[02*4; S 21+9 ,*;7 * 6 7 96	[02*4; S 21+9 ,*;7 * 6 <<7	A*7 0;E4*	14;/*
J KK	EK	v<; g5. ?R* P* CKKKJQ. 1x+'x	QF RP+g BPP %0% P+++ #' + (7/' +\$/ ,#+ 4#% (, * # J J MKNKKC % EEI XgQ NMI

\-, 40+ -*			
[02*4; S /14; , ,*;7 * 6 7 967 @	[02*4; S /14; , ,*;7 * 6 <<7	A*7 0;E4*	&1, ** , 14;/*
J KK	EK	uj Z	{ c I W

uj ZRS+ * f * + g b+64, # ! + + %47' &-&+ * I V * \$ / '#!' " &N#) + ' + % (, * + b4&' "/ , g M

] *; W; -1GN) *) *X

M0+*7 0; U			
[02*4; 6 7 9=67 @	A*7 0;E4*	14;/*	
I tB	)&)/-! ) ( * * + 0+	o+P+%2'\$y, +-" + (* z %2, #0 &3>+ P+%2'\$y, +-" + (* \$, z %0'+Nz , 2#, 3, NMI	

&1;TY9*

[02*4; 6 7 9=67 @	&1, ** ,	14;/*	
I	X&)/-!) (* * + 0+Z	`+##+2%#0\$ (* &2* #0#', & #N+ % (, * +, 3, 3, / , + %' %0\$ #&, >+ #2" &' * (" 3 NMI	

4Y) *

[02*4; S 21+9 ,*;7 * 6 7 967 @	M0, *) :87 -33-1+	&1, ** ,	A*7 0;E4*	14;/*
I tB	J HCD	0, &)' # % , +" 4#&-+M% 0+	uj Z	; h=9[9 { 5 =g | [ . ` | g ? [_ Y; } Q= | g ? g c _ Q S10Q0~g_g?[9 =5g EKJ J H D

uj ZR5N+ -" 4(/ " " # , + " 2+ -&' + % + / , + %4(/ " " # , + " # % # 8 / + 2&0% -& % (, * + " / ! 2(# + ? [FDJ b&' * (" 47a, + " + % * ## / 2+ , &N# 2! 3#0# ° Q&# + 2! 3#0# ' # % 2+ 3 &)' # % 4(/ , -& * + " / , + 2+ " 4& # / -" + % " / " 4+ %' # % b % ' * ! , (j b) HHI b4&, &\$, &47+ ENI b+ ' & 2+ ") & &) ! , # ' # / + " 2: !) 7&0# # (%0\$ \$ + N# ! + " & / 4&, &\$, &47+ BM

] -+ 20+) *

[02*4; S 21+9 ,*;7 * 6 7 967 @	A*7 0;E4*	14;/*	
---------------------------------	-----------	-------	--

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&- R . / , +0#



&+ 2+ , ! N# # % REI M D N K J H
 ` + , "# % R J M V 3

g+* 4-&) + -& Nt, "# % 2/ REI M D N K J H
 &+ 2:# 4, +""# % REI M D N K J H

B	3* ! + " 0+	; QQ< & N' EKJ ERB ; 59Q5SS9 q . 9 Q1 [[? Q1 Q < Q 9 11 ? Q
---	-------------	--

L1219+*			
[02*4; S 21+9 ,*;7 * 6 7 96 7 @	[02*4; S /14; , ,*;7 * 6 7 967 @	&1, *+,	14; / *
B	J K	3 &) '# % # 7 & > - +) &) / - ! (* * + 0+	g_ <_ g 5 ? [p c q 9 Qg5 <g5Yh 9 <_ S Qh { 9 . <_ S ? Y [? t j Ze 2 % # & j W) e t , @ N W W
E t B	B	0, &) '# % , + " 4 # & > - + M &) / - ! (* * + 0+	g_ <_ g 5 ? [p c q 9 Qg5 <g5Yh 9 <_ S Qh { 9 . <_ S ? Y [? t j Ze 2 % # & j W) e t , @ N W W

H4, ; - / B*							
M17 0-+*) * T02) -, 8	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14; , , ,*;7 * 6 <<7	[02*4; S /14; , , ,*;7 * 6 7 96 7 @	M4; 8*	] ; 8E4*+ / * <0; 8E4-<* 14; / *	14; / *
c 5 {		J K		E K	W K X c # @ Z	E 6	.' (33 # ' + Xc 5 { w + , ' + / % 2 Qg { w + , ' + E K J E Z
c 5 {	B		J K		W K X c # @ Z	E 6	.' (33 # ' + Xc 5 { w + , ' + / % 2 Qg { w + , ' + E K J E Z

4-33*			
[02*4; S 21+9 ,*;7 * 6 7 96 7 @	#1G / - , 8 / ; - , - E4*	A*7 0; E4*	14; / *
I &	0#4 / -* b < / * (%'	X N # J M D N Z	. 1 ` 5 . / # " + E K J C

! , 0, 3 ? + - 3 W M " _ \$ X			
[02*4;) * 21+94*) 4; 8*	a03*	A*7 0; E4*	14; / *
B * \$ V * ±	< % + / * () (% # " #	[(') - & " " # B > - + & " & ; / * & % Y &) # ((\$ + % g + " 4 # & > - + 3 &) ' # %	5Y = 9 Q7, + " 7 (- 2 S # # ` & - / + " 3 , Y7 + * # & . / > " ' # %) + " E K K D

! 3 < 09 + *		
[02*4; S 21+9 ,*;7 * 6 7 967 @	A*7 0; E4*	14; / *
B	N & + / , + ' 4 (/ " " # , + + % 0+	S i * # + " 2 + + 64 (" # # % 4 , (3 + " # % & - 4 & , & 5 \$ + % + " S / i * # (" E K J F

] ; 0 + / *		
[02*4; S 21+9 ,*;7 * 6 7 967 @	M0, *) : 87 - 33 - 1 +	14; / *
J K	J HDC	` & + / , " - # # + " 2 : + 64 (" # # % 4 , (3 + " " # % + - + & / 6 & \$ + % ") 7 # # / + " + % N W W

a*29-E4*		
[02*4; S 21+9 ,*;7 * 6 7 967 @	A*7 0; E4*	14; / *
B	3 &) '# % & N (- & # +	S # ' + 2 + N & + / , " - # # + " 2 : + 64 (" # # % " 4 , (3 + " " # % + - + & / 6 & \$ + % " N W W

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
!"#%&#%)(* * +,)#&-+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDN KJ H
, " # % R J M V3

g+* 4-&) + -& Nt, " # % 2/ REI MDN KJ H
&+ 2:# 4, +" " # % REI MDN KJ H

_ ;0+) * a;*,09+*			
[02*4; S 21+9 ,*;7 * 6 7 96 7 @	[02*4; S /14; , ,*;7 * 6 7 967 @	A*7 0;E4*	14;/*
B	J K	X+%0+Zb3' * ! +"	?; FKVEKKB w(,P4-&) + +6 4("/ ,+ -# # " XEKJ J Z

\ :\$ 20+) *			
[02*4; S 21+9 ,*;7 * 6 7 96 7 @	[02*4; S /14; , ,*;7 * 6 7 967 @	&1, *+,	14;/*
B	J K	3' * + &' 0+	Y(2+ (3<, &) ' # + 3, '7+ . & 3+' ^ ; +&' 7 &%2 w+-3&, + & w(,P XEKJ J Z

` 1+9; -*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	A*7 0;E4*	14;/*	
W	0, &) ' # %, +" 4#&> -+M	EBVEKKKM9 M K M ? @c . eY "c + \$ ^ @ ' + " , +%2 +-+ ' & * / % P & 7 + ^ + P P ! * # > N W I	

! 3, 1+ -*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	A*7 0;E4*	14;/*	
I b	uj Z	Q - P + " P P (% % & P + + * # # ' + (7 / ' + \$ / , # + 4 # # % (, * # J J M K N K K C % E E I X g Q N W I	

uj ZR4(/ " " # , + 3 # b + 6 4 , # ! + % 0 + S & 4 (/ " " # , + 3 # b + " " - & 4 (/ " " # , + 8 / # & ' + # % - & 4 & ' # 2 / 4 (/ * (%

21T8+ -*			
14;/*			
1 c Y _			

\ -, 40+ -*			
[02*4; S /14; , ,*;7 * 6 7 967 @	A*7 0;E4*	14;/*	
I b	P & # 0+ &-N+(-# b 3 & P) # &	I W	

a420; -*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	&1, *+,	14;/*	
B	+%0+	DJ	

\ 0 A147 0+ -*			
[02*4; S 21+9 ,*;7 * 6 7 96 7 @	[02*4; S /14; , ,*;7 * 6 7 967 @	A*7 0;E4*	14;/*
B	J K	3' * ! + " b4(/ 2, +	CH

_ ;Y/*			
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14; , ,*;7 * 6 7 967 @	14;/*	
J K	J K	DK	

0/8,0,*) * > 7 8, B1GN ' 7 8, BN2, BN2*

H2*7 09+*			
-----------	--	--	--

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#<+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDN KJ H

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H

`+, "# % Rj M V3

&+ 2:# 4, +""# % REI MDN KJ H

[02*4; 6 <<7	[02*4; 6 7 9=67 @	[02*4; \-7 -, * L20.1+)	A*7 0; E4*	M0, *) :87 -33-1+	14; / *
BK	ECK	J XZ	uj Z 5=wx ?xhRg; <v	KJ VKW	Qg=. HKK

uj ZRY(* * # "# % 2:+%8/f' + "/, -+ " 280%+, " 4(/, -&" 80! 2+ ") (* 4(" ! ") 7# # 8/ + " 280% -+ * ##/ 2+ -&, +) 7+,) 7+M1 % # % + /, (4! + % % + M v <; gR() &]

! 4; 1 < *						
[02*4; S 21+9 ,*; 7 * 6 7 96 7 @	[02*4; S 21+9 ,*; 7 * 6 <<7	[02*4; S /14;, ,*; 7 * 6 7 96 7 @	[02*4; S /14;, ,*; 7 * 6 <<7	&1, *+,	M0, *) :87 -3 3-1+	14; / *
ECB	BK	BBK	J KK	<+&/	EKKKVI H	g?YQ9? EKKHVJ WJ V1?

M0+*7 0; U			
[02*4; 6 <<7	[02*4; 6 7 9=67 @	&1, *+,	14; / *
BK	ECB	?	o+P+%2'\$y, +-" + (* z % 2, # % 83 > +P+%2'\$y, +-" + (* \$, z % ' + Nz , 2#, 3, NMM

&1; TY9*			
[02*4; 6 <<7	[02*4; 6 7 9=67 @	&1, *+,	14; / *
BK	ECK	;	`+#+2%#% (* &2* #%#', & '#+ % (, * +, 3, 3, / , + % ' % # % # & , > + # " & * (" 3z NMM

4Y) *						
[02*4; S 21+9 ,*; 7 * 6 <<7	[02*4; S 21+9 ,*; 7 * 6 7 96 7 @	[02*4; S /14;, ,*; 7 * 6 <<7	[02*4; S /14;, ,*; 7 * 6 7 96 7 @	M0, *) :87 -3 3-1+	&1, *+,	14; / *
BK	ECB	J KK	BBK	EKJ B	;	; h=9[9 { 5 =g | [ . ` | g ? [_ Y; } Q= | g ? g c _ Q S10Q0~ g_ g? [9 =5g EKJ J B D

]-+20+) *					
[02*4; S 21+9 ,*; 7 * 6 <<7	[02*4; S 21+9 ,*; 7 * 6 7 967 @	[02*4; S /14;, ,*; 7 * 6 <<7	[02*4; S /14;, ,*; 7 * 6 7 967 @	A*7 0; E4*	14; / *
BK	ECK	J KK	BBK	<+&/	; QQ< & N ' EKJ EFB; 59 Q5SS9 9 . 9Q1 [[? Q1 Q < 9Q_ 9 11 ? Q

L1219+*		
[02*4; S 21+9 ,*; 7 * 6 7 967 @	[02*4; S /14;, ,*; 7 * 6 7 967 @	14; / *
EWK	BEK	g_ <_ g 5 ? [9 c 9 9 Qg5 <g5Yh 9<_ S9Qh { 9 . <_ S?Y [? tj Ze 2%#& J W) et, @NMM

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R . / , +0#



&+ 2+ ,! N# # % REI MDN KJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& N#, "# % 2/ REI MDN KJ H
 &+ 2:# 4, +""# % REI MDN KJ H

H4,; -/B*								
M17 0-+*) * T02) -,8	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14;, , ,*;7 * 6 <<7	[02*4; S /14;, , ,*;7 * 6 7 967 @	M4;8*	];8E4*+/* <0; 8E4-<*) * 2^8<-) *;7 * 6 3*+3-25- 30,*4;	A831;5,-1+ 14;/*	
c 5{	BK	ECB	J KK	BBK	BX (@Z	D6	;	.'(33#'+ Xc 5{ w+, '+ / %2 Qg{ w+, '+ EKJ EZ

4-33*							
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 96 7 @	[02*4; S /14;, , ,*;7 * 6 <<7	[02*4; S /14;, , ,*;7 * 6 7 96 7 @	&1,0,-1+3	#1G-/ ,8 /;- , -E4*	14;/*	
BK	ECB	BK	ECB	..Y	`g.	.1 `5 . / #"+ EKJ C	

D,0,3 ?+-3	
[02*4; S 21+9 ,*;7 * 6 <<7	14;/*
BK	DI

! 3<09+*					
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14;, , ,*;7 * 6 <<7	[02*4; S /14;, , ,*;7 * 6 7 967 @	&1,*+,	14;/*
BK	ECB	J KK	BBK	',&% P / ' &%b `S9	Sj* #+" 2+ +64("# # % 4, (3+" # %&- 4& & 5 \$ + % + " S / j * # (" EKJ F

];0+/*							
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14;, , ,*;7 * 6 <<7	[02*4; S /14;, , ,*;7 * 6 7 96 7 @	A*7 0;E4*	]# +b	MO,*) :87 -33-1+	14;/*
BK	ECB	J KK	BBK	g#8/ + 2+ 4! %d ', &# % 4+,) / ' &%d +M	EEJ	EKKC	`&-+ / , " -# * #+" 2:+6 4("# # % 4, (3+" # % + --+ & / 6 & \$ + % ") 7# #B / +" + % NMM

a*29-E4*					
[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S /14;, , ,*;7 * 6 <<7	[02*4; S /14;, , ,*;7 * 6 7 967 @	&1,*+,	14;/*
BK	ECB	J KK	BBK		S#'+ 2+ N&-+ / , " -# #+" 2:+64("# # % 4, (3+" " # % + --+ & / 6 & \$ + % " NMM

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R . / , +0#



&+ 2+ , ! N# # % REI MDN KJ H
 ` +, "# % RJ M V3

g+* 4-&) + -& Nt, "# % 2/ REI MDN KJ H
 &+ 2:# 4, +""# % REI MDN KJ H

LONB a03	
[02*4; S 21+9 ,*,7 * 6 7 967 @	14;/*
BBK	S#"' * +' @+''+-#P+ \$, +%!'@&& 2+% EKJ J

_ ;0+) * a;*,09+*					
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*
BK	ECF	J KK	BFD	<+/' f', + &>"(,>! 4& -&4+&/ M	?; FKVEKKB w(, P 4-&) + +64("/, + -# * #" XEKJ J Z

A8<452E4* ,/BYE4*			
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 7 967 @	&1, *+,	14;/*
ECK	BBK	b9	[5g " ?[" ` S^ h e+ 2%+ J EM, ("#0) + EKKC P+', ^* "+ "' &0(N#4(2* - %P^ () NMI

\ :\$ 20+) *					
[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*
BK	ECB	J KK	BBK	. Pb9 ?S`	Y(2+ (3<, &) '#+ 3, '7+ . & 3+'^; +&'7 &02 w+-3&, + & w(, P XEKJ J Z

` 1+9;-*			
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*
ECB	BBK	?1J	EBVEKKKMM9 MI KM?@c . eY" c +\$^@' +", +%2+ + ' & * / %P&7+ -^+ P P! * #&#> NMI

! 3, 1+ -*					
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	A*7 0;E4*	14;/*
BK	BK	J KK	ECB	.	Q` - P+ " PP(%&& P+++ # #' + (7/ '+ \$/ , #+ 4##%(, * # J J MKN KKC % EEI XgQ NMI

21T8+ -*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; \ -7 -, * L20 .1+)	A*7 0;E4*	14;/*
ECB	BK	E	{ b?1	CC

F 02*				
[02*4; S 21+9 ,*,7 * 6 7 967 @	[02*4; S 21+9 ,*,7 * 6 <<7	[02*4; S /14;, ,*,7 * 6 7 967 @	[02*4; S /14;, ,*,7 * 6 <<7	14;/*

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDN KJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H
 &+ 2:# 4, +""# % REI MDN KJ H

ECB	BK	BBK	J KK	[&# %&-_) / 4&# %&- ?64("/, + S# # " c &'& EKKI
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\4G*7 514;9					
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S /14;, ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 <<7	&1,*+,	14; /*
ECB	BK	BBK	J KK	<+&/	ga\$-+* +% \$, &0/2 2/) &- 2/ IJ () ' (>, + EKKD * (2# 3&0% -+, a\$-+* +% \$, &0/2 NMI

\-,40+ -*					
[02*4; S /14;, ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 <<7	[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	&1,*+,	14; /*
EBK	BK	FKK	CB	_	I W

a4290; -*					
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S /14;, ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 <<7	A*7 0; E4*	14; /*
ECB	BK	BBK	J KK	<+&/	DJ

\0 *, ,1+ -*					
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S /14;, ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 <<7	A*7 0; E4*	14; /*
ECB	BK	BBK	J KK	B2&	CD

\0 A147 0+ -*					
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S /14;, ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 <<7	A*7 0; E4*	14; /*
ECB	BK	BBK	J KK	<	CH

_ ; Y/ *					
[02*4; S 21+9 ,*;7 * 6 7 967 @	[02*4; S 21+9 ,*;7 * 6 <<7	[02*4; S /14;, ,*;7 * 6 7 967 @	[02*4; S /14;, ,*;7 * 6 <<7	&1,*+,	14; /*
ECB	BK	BBK	J KK	3/4 /E D x M	DK

K=> " 1+ , ; 02*3) * 2*G<13-, -1+

<, ('+) '# % , + " 4# & (# +

. # -+ " -# # + " 2 : + 6 4 (" # # % "/ , - + -# / 2 + ' , & N B # " (% 2 ! 4 & " " ! + " b / % +
 4, ('+) '# % , + " 4# & (# + & 4 4, (/ N + 4 (/ ,) + ' + ' à) 7 + 4 & , # / - # , + 2 (#
 f ' , + 4 (, ! + M

<, ('+) '# % 2 + " * & # %

< (, + , 2 + " \$ & 0 % " 2 + 4, ('+) '# % M

<, ('+) '# % 2 + " ^ + / 6

< (, + , 2 + " - / % + " " # % ! \$, & - " 2 + 4, ('+) '# %) (% & , * + U - & % (, * + ? [
 J W M M

c ! "/, + " \$! % , & - " 2 + 4, ('+) '# %
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" : & " "/, + , 2 : / % + N % # & # % " / 3 3 # & 0 % + 4 & , # / - # , + * + % 2 & 0 % ' - + " +
 4 &) + " 3 + , * ! " M

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#<+ R . / , +0#



&+ 2+ , ! N# # % REI M D N K J H

g+* 4-&)+ -& Nt, "# % 2/ REI M D N K J H

`+, "# % R J M V 3

&+ 2:# 4, +""# % REI M D N K J H

c #/## #+, -:+64("## % 4&, 2+" * +"/, +") (* * + ^" a* + " 3+, * ! " b#% 3 &" , /) ' / , + " " 4!) #<+ " + ' +6', &)' # % &44, (4, # + \$! % d , &+V-() &+ 2+ -:# # 4(-/ ! M

S(, " 8/ + -& Nt% #&' # % 2/ -() &+ ""' #6' / 33# &0% +b4(, '+, / %! 8/ #+* + % 2+ 4, ('+')' # % , + " 4#&(#+M

c +"/, + " 2:(, 2, + '+) 7%# / +

< ! N # / %t Nt% #&' # % &2! 8/ &+M &0% -&* +"/, + 2/ 4(""# -+b)+-& 2+N &# f', + , ! &# #! 4&, -/ ' ## & # % 2:/ %t Nt% #&' # % 4&, &' 4#& # % -() &+ + ' 2:/ %t >(%0t +6', &)' # % \$! % d , &+M #) +--") #%t "(% 4&" "/ 33# " &0% + " 4(/ , * + % # -+) (%0 + % , &' # % ' 2+ 4&, '# / - " + ' 2+ N&4+ / , " + % 2+ "" (/ " 2+ " -# # + " 2:+64("## % 4, (3+ "" # %0t --+b/ %t 4, ('+')' # % , + " 4#&(#+ &44, (4, # + 2(# f', + 4(, '! +M

5/ ' , + " 2(%0d + " X) 7&4# , + D M

. + -&Nt, -+ " * ' &N&0% 2+ * &0\$+, b2+ >(#+ (/ 2+ 3' * + , M S&Nt, -+ " Nf'+* + % " (/ #! " &N&0% 2+ -+ " , ! /' ## + , M

!" # \$ % & d(L ; 1 < ; -8, 83 < B N 3 - E 4 * 3 * , / B - 7 - E 4 * 3

d = \$. 1 ; 7 0 , - 1 + 3 3 4 ; 2 * 3 < ; 1 < ; - 8 , 8 3 < B N 3 - E 4 * 3 * , / B - 7 - E 4 * 3 * 3 3 * + , - * 2 * 3

d' & 47 ^ " # 8 / +

-# / # 2 +

Y (/ - + / ,

Y (/ - + / , " & " (, '# " X) M U 2 M R & % t b > - + / b , (/ \$ + b , (/ \$ + b 2 # / &0%) - & # + Z

_ 2 + / ,

5) ! ' & + "

. + / # 2 : (2 (, &

% (% 2 ! ' + , * # d

4 ; X * # 7 Z

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< (#6 2 + 3 / " # % \ Y m V < (#6 2 +) (%6 ! - &' # % \ Y m

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% (% 2 ! ' + , * # d

() ' & 0 (- V + & / Z X (\$ < _ V w Z

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
!"#%&#%)(* * +,)#&+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDN KJ H
, " # % R J M V3

g+* 4-&) + -& Nt, " # % 2/ REI MDN KJ H
&+ 2:# 4, +" " # % REI MDN KJ H

Q+* 4!, & / , + 2:& / ' (#3&* * & B J W\Y V H W J \ 0
>##! \Ym

Q+* 4!, & / , + 2+ 2!)(* 4("# # % % (% 2! '+, * #d
\Ym

`#)("#!) #d * & # / + l * * áv" m % (% 2! '+, * #d

d=> H4, ; *3 - .1; 7 0, -1+3

5 / , + " 2(%d + " 5 /) / % + & / ' , + #d , * & # % 2 # 4(% # - + M

! " # \$ % & ' J (, 05-2, 8 * , ; 80 / , -T-, 8

' J = A80 / , -T-, 8

g! &)' #N#! 1%+ 4(-^* ! , # & # % 2 & % + , + / " + % & 4 & " - # / M

' J > , 05-2, 8 / B-7 -E4*

. ' & > ## +) 7 # # / ! S + 4, (2 / # + " " " & > - + " # " () P! U 2 + " ' + * 4!, & / , + " & * > # % + " % ,
* & + " M

' J @ L133-5-2, 8) * ; 80 / , -1+3) 0+9* ; *43*3

g! &)' # % ' 2 & % + , + / " + " + , ! &)' # % ' 2 & % + , + / " + " % + " + 4, (2 / # + % 4 & " # / ' ## ! + ' " () P!
(, , +) ' + * + % M

' J € " 1+) -, -1+3 S 8T-, *;

Y(% 2 # # % ' U! N# + , Y(% ' + , Nt, U -:!) & , ' 2+ ' (/ ' + 3 & * * + (/ " (/ ,) + 2 : ! ' # @ + -- " M t & # % + % #
- + " , !) # # # % " 7 + , * ! ' # / + * + % 3 + , * ! " + %) & ' 2+ % (% / ' # # & # % M

' J Q F 0, -Y; *3 - + / 17 < 0, -5*3

c & # , + " U! N# + , dN# + , - +) (% &)' & Nt) - : + & / b - + " &) # 2 + " * #d , & / 6 b - + " " (- N & % ") 7 - (, ! " M

' J R L; 1) 4- , 3) *) 8 / 17 < 13-, -1+) 0+9* ; *4G

< , (2 / # " 2+ 2!)(* 4("# # % 2 & % 7 ^ 2, (\$ a % +
\$ + , + / 6 Y / _
% _

! " # \$ % & ' ' (\$ + .1; 7 0, -1+3 , 1G- / 1219-E4*3

' ' = \$ + .1; 7 0, -1+3 34; 2*3 *.. * , 3 , 1G- / 1219-E4*3

#1G- / , 8 1; 02* e7 96U9f
" 17 < 130+ , 3) 0+9* ; *4G

54, 0+1+*Z8, BNZ 8, BNZ 8, 1+*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	A*7 0; E4*	14; / *
ECIC	g&	SBK	Q(6# #! & # / è Y&! \$ (, # B	` + , (, 2% % \$ X = Z [, M ECEVEKKD 2+ " ? / , (4 é #

] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&-+ R . / , +0#



&+ 2+ , ! N# # % REI MDN KJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& N+, "# % 2/ REI MDN KJ H
 &+ 2:# 4, +""# % REI MDN KJ H

)7+%<&-& *+%"/%2 2+ g& NMI
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#-, 0+* W-1GN *) *X				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	A*7 0; E4*	14; / *
J KKKK	g&	SBK	Y&! \$(, # [(% &44-#&>+)	`+, (, 2%/%\$ X=Z [, M ECEVEKKD 2+" ?/, (4é# ")7+%<&-& *+%"/%2 2+ g& NMI

' P R C , ; -7 8, BN25 *+cY+*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	A*7 0; E4*	14; / *
I FKK	g&	SBK	Q(6# #! &# / è Y&! \$(, # B	`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-M N, -é/ 3# + . +-> ""+#6"/ 3/ %\$ / %2 0(NMI

12T*+, +0<B, B0 W* ; ; 12*47 XP29B, 0; 17 P+1, / 2033-.*) 03 / 0; / -+19*+/- W @QJ X0+) +1, / 2033-.*) 03 7 4, 09*+/- W @CJ X0+) +1, / 2033-.*) 03 , 1G- / .1; ; * < ; 1) 4 / , -1+ W @R' .) X				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	A*7 0; E4*	14; / *
WDKK	g&	SBK	Y&! \$(, # [(% &44-#&>+)	`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-M N, -é/ 3# + . +-> ""+#6"/ 3/ %\$ / %2 0(NMI

> ee' eeW@ M-BN) ; 1 > 1G1 ' ` 5*+c-7 -) 0c12 Q N207 -+1f/0; 51+N2 > 1G1<; 1<N2f0c1f5*+c1-/ 0/-)				
A*7 0; E4*			14; / *	
5 /) / % + 2 (% % d + 2 # 4 (% # +			`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN [, -é/ 3# + . +->""+#6"/ 3/ %\$ / %2 0(NMI	

>d` R@ ` LB, B021/ N0+ -+0, 1W X &>dR@ R@ R@ / 1<<*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	A*7 0; E4*	14; / *
EKKK	g&	SBK	Q(6# #! &# / èb Y&! \$(, # F	`+, (, 2%/%\$ X=Z [, M ECEVEKKD 2+" ?/, (4é# ")7+%<&-& *+%"/%2 2+ g& NMI

#; -7 8, BN25 *+cY+* W143 -317 Y; *3X				
A*7 0; E4*			14; / *	

] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(**+,)#&-+ R ./,+0#



&+ 2+ ,! N#% REI MDN KJ H

g+* 4-&)+ -& N+, "# %2/ REI MDN KJ H

`+, "# %R J M V3

&+ 2:# 4, +""# % REI MDN KJ H

5/) / % + 2(%d + 2# 4(%# -+	`@` @&""+, \$+367, 2+%2+ . '(33+ #P-MN, -é/ 3# + . +>""+#6''/ 3' %\$ / %2 0(NMM
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] *; W; -1GN) *) *X				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	A*7 0; E4*	14; / *
J KKKK	g&	SBK	Y&! \$(, # [(% &44-# &>-+	`@` @&""+, \$+367, 2+%2+ . '(33+ #P-M N, -é/ 3# + . +> ""+#6''/ 3' %\$ / %2 0(NMM

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN28, BN2*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	A*7 0; E4*	14; / *
DBI E	g&	SBK	Y&! \$(, # [(% &44-# &>-+	`@` @&""+, \$+367, 2+%2+ . '(33+ #P-M N, -é/ 3# + . +> ""+#6''/ 3' %\$ / %2 0(NMM

" \$=L-97 *+, A*9 ' I]	
A*7 0; E4*	14; / *
5/) / % + 2(%d + 2# 4(%# -+	`+, (, 2% / %\$ X=Z [, M ECEVEKKD 2+" ? / , (4é# ") 7+% < &, -& * +%" / %2 2+" g& NMM

#1G/-, 8) *; 7 02* e7 96U9f

" 17 <130+, 3) 0+9*; *4G

54, 0+1+*Z8, BN27 8, BN27 8, 1+*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*	A*7 0; E4*	14; / *
WFDK	S&4#%	SBK	[(% &44-# &>-+	`+, (, 2% / %\$ X=Z [, M ECEVEKKD 2+" ? / , (4é# ") 7+% < &, -& * +%" / %2 2+" g& NMM

#-, 0+* Wj-1GN) *) *X				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*	A*7 0; E4*	14; / *
J KKKK	S&4#%	SBK	Y&! \$(, # [(% &44-# &>-+	`+, (, 2% / %\$ X=Z [, M ECEVEKKD 2+" ? / , (4é# ") 7+% < &, -& * +%" / %2 2+" g& NMM

' P RC , ; -7 8, BN25 *+cY+*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*	A*7 0; E4*	14; / *

] *4-22*) 1/47 *+,) * 38/4; -,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&- R ./,+0#



&+ 2+ ,! N# # % REI M D N K J H

g+* 4-&)+ -& Nt,"# % 2/ REI M D N K J H

`+, "# % R J M V 3

&+ 2:# 4, +""# % REI M D N K J H

I J W K	S&4#%	SBK	Q(6# #! &# / è Y&! \$(, # B	`@` @&"", \$+3é7, 2+%2+ ' (33+ #P-M N , -é/ 3# + . +-> "' +#6" / 3' %\$ / %2 0(N M
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12*+, +0<B, B0 V#* ; 12*47 XP29B, 0; 17 P+1, / 2033-.*) 03 / 0; /-+19*+/- W @QJ X0+) +1, / 2033-.*)
03 7 4, 09*+/- W @CJ X0+) +1, / 2033-.*) 03, 1G-/ .1; ; * < ; 1) 4/, -1+ W @R' .) X

[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*	A*7 0; E4*	14; /*
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I F K K	S&4#%	SBK	Q(6# #! &# / è Y&! \$(, # B	`@` @&"", \$+3é7, 2+%2+ ' (33+ #P-M N , -é/ 3# + . +-> "' +#6" / 3' %\$ / %2 0(N M
---------	-------	-----	----------------------------------	---

> ee eeW@ M-BN) ; 1 > 1G1 ' ` 5*+c-7 -) 0c12 Q N207 -+1f/0; 51+Nf > 1G1<; 1<N2f0c1f5*+c1-/
0/-)

A*7 0; E4*	14; /*
5 /) / % + 2 (%0d + 2# 4 (%# -+)	`@` @&"", \$+3é7, 2+%2+ . ' (33+ #P-MN , -é/ 3# + . +-> "' +#6" / 3' %\$ / %2 0(N M

>d` R@ ` LB, B021/N0+-+0, 1W X &>dR@ R@ R@ / 1<<*;

A*7 0; E4*	14; /*
5 /) / % + 2 (%0d + 2# 4 (%# -+)	`+, (, 2% / %\$ X=Z[, M ECEVEKKD 2+" ? / , (4é# ") 7+%<& -&* +% " / %2 2+" g& N M

#; -7 8, BN25*+cY*+ W143 -317 Y; *3X

A*7 0; E4*	14; /*
5 /) / % + 2 (%0d + 2# 4 (%# -+)	`@` @&"", \$+3é7, 2+%2+ . ' (33+ #P-MN , -é/ 3# + . +-> "' +#6" / 3' %\$ / %2 0(N M

] *; W; -1GN) *) * X

A*7 0; E4*	14; /*
5 /) / % + 2 (%0d + 2# 4 (%# -+)	`@` @&"", \$+3é7, 2+%2+ . ' (33+ #P-MN , -é/ 3# + . +-> "' +#6" / 3' %\$ / %2 0(N M

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN28, BN2*

[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*	A*7 0; E4*	14; /*
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B K K K	S&4#%	SBK	Q(6# #! &# / è Y&! \$(, # B	`@` @&"", \$+3é7, 2+%2+ ' (33+ #P-M N , -é/ 3# + . +-> "' +#6" / 3' %\$ / %2 0(N M
---------	-------	-----	----------------------------------	---

" \$=L-97 *+, A*9 ' I J

A*7 0; E4*	14; /*
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] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&- R ./, +0#



&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -& Nt, "# %2/ REI MDMKJ H

`+, "# %RJ M V3

&+ 2:# 4, +""# % REI MDMKJ H

5/) / %t 2(%d + 2#4(%#-+)

`+, (, 2%/%\$ X=Z[, M] ECEVEKKD 2+" ?/, (4é#
")7+%<&,-&* +% " / %2 2+" g& NMM

\ " QJ \$+B020,-1+ CB <14; 2*3 90c e<<7 [f

" 17 <130+, 3) 0+9*; *4G

54, 0+1+*Z8, BN7 8, BN7 8, 1+*

[02*4;

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`+, (, 2%/%\$ X=Z[, M] ECEVEKKD 2+" ?/, (4é#
")7+%<&,-&* +% " / %2 2+" g& NMM

#-, 0+* WJ-1GN) *) *X

&1, *+,

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`+, (, 2%/%\$ X=Z[, M] ECEVEKKD 2+" ?/, (4é#
")7+%<&,-&* +% " / %2 2+" g& NMM

' P R C , ; -7 8, BN5 *+cY+*

&1, *+,

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3#+
. +>""+##6'' / 3/ %\$ / %2 0(NMM

12I*+, +0<B, B0 W* , ; 12*47 XP29B, 0; 17 P+1, / 2033-.*) 03 / 0; /-+19*+/- W @QJ X0+) +1, / 2033-.*)
03 7 4, 09*+/- W @CJ X0+) +1, / 2033-.*) 03, 1G- / .1; ; * < ; 1) 4/ , -1+ W @R' .) X

&1, *+,

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3#+
. +>""+##6'' / 3/ %\$ / %2 0(NMM

> ee eeW R @ M-BN) ; 1 > 1G1 ' ` 5*+c-7 -) 0c12 Q N207 -+1f/0; 51+N2f > 1G1<; 1<N2f0c1f5*+c1- / 0/-)

&1, *+,

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3#+
. +>""+##6'' / 3/ %\$ / %2 0(NMM

>d` R @ ` LB, B021/NO+-+0, 1W X &>dR @ R @ R @ / 1 < < *;

&1, *+,

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`+, (, 2%/%\$ X=Z[, M] ECEVEKKD 2+" ?/, (4é#
")7+%<&,-&* +% " / %2 2+" g& NMM

#; -7 8, BN5 *+cY+* W143 -317 Y; *3X

&1, *+,

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3#+
. +>""+##6'' / 3/ %\$ / %2 0(NMM

] *; W; -1GN) *) *X

&1, *+,

14; / *

5/) / %t 2(%d + 2#4(%#-+)

`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3#+
. +>""+##6'' / 3/ %\$ / %2 0(NMM

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN28, BN2*

] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(**+,)#&-+ R./,+0#



&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -& N#, "# % 2/ REI MDMKJ H

`+, "# % RJ M V3

&+ 2:# 4, +""# % REI MDMKJ H

[02*4;	! 3<Y/* 4,-238* <14;	&1,*+,	14;/*
FIFB	g&	Y&!\$(, # %&44-#)&>-+	`@` @&""+, \$+3é7, 2+%2+ .'(33+ #P-M N, -é/ 3#+. +->""+#' / 3/ %\$ / %2 0(NMM

" \$=L-97 *+, A*9 ' IJ			
&1,*+,		14;/*	
5/)/%+ 2(%0d + 2#4(%#-+		`+, (, 2%/%\$ X=Z[, M ECEVEKKD 2+" ?/, (4é# ") 7+%<&-&* +% " / %2 2+" g& NMM	

\ " QJ \$+B020,-1+ CB <14; 2*3 T0<*4; 3 e7 96f

" 17 <130+, 3) 0+9*; *4G

54,0+1+*Z8, BNZ 8, BNZ 8, 1+*

[02*4;	M4; 8*) :0) 7 - +-3,; 0,-1+	! 3<Y/* 4,-238* <14; 2* , *3,	&1,*+,	14;/*
IE	YSBK	.(/ , #	% (%&44-#&>-+	`+, (, 2%/%\$ X=Z [, M ECEVEKKD 2+" ?/, (4é# ") 7+%<&-&* +% " / %2 2+" g& NMM

#-, 0+* WJ-1GN) *) *X			
&1,*+,		14;/*	
5/)/%+ 2(%0d + 2#4(%#-+		`+, (, 2%/%\$ X=Z[, M ECEVEKKD 2+" ?/, (4é# ") 7+%<&-&* +% " / %2 2+" g& NMM	

' P>R ;,-7 8, BNZ *+cY+*

[02*4;	M4; 8*) :0) 7 - +-3,; 0,-1+	! 3<Y/* 4,-238* <14; 2* , *3,	&1,*+,	14;/*
JD	YSBK	g&	Q(6# #! &# / èb Y&!\$(, # F	`@` @&""+, \$+3é7, 2+%2+ .'(33+ #P-M N, -é/ 3#+. +-> ""+#' / 3/ %\$ / %2 0(NMM

12T*+, +0<B, B0 W* ,; 12*47 XP29B, 0; 17 P+1, /2033-.*) 03 / 0; /-+19*+/- W @QJ X0+) +1, /2033-.*) 03 7 4, 09*+/- W @CJ X0+) +1, /2033-.*) 03, 1G- / .1; ; * < ; 1) 4/ , -1+ W @R' .) X

&1,*+,	14;/*
5/)/%+ 2(%0d + 2#4(%#-+	`@` @&""+, \$+3é7, 2+%2+ .'(33+ #P-MN, -é/ 3#+. +-> ""+#' / 3/ %\$ / %2 0(NMM

> eé eeW@ M-BN) ; 1 > 1G1 ' ` 5*+c-7 -) 0c12 Q N207 -+1f/0; 51+N2f > 1G1<; 1<N2f0c1f5*+c1-/ 0/-)

&1,*+,	14;/*
5/)/%+ 2(%0d + 2#4(%#-+	`@` @&""+, \$+3é7, 2+%2+ .'(33+ #P-MN, -é/ 3#+. +-> ""+#' / 3/ %\$ / %2 0(NMM

>d` @ ` LB, B021/ N0+-+0, 1W X &>dR@ R@ R@ / 1<<*

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDN KJ H

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H

`+, "# % RJ M V3

&+ 2:# 4, +""# % REI MDN KJ H

&1, *+,	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`+, (, 2%/% \$ X=Z[, M ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / %2 2+" g& NMI

#; -7 8, BN25 *+cY+* W143 -317 Y; *3X	
&1, *+,	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`@ ` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+ #6" / 3/ % \$ / %2 0(NMI

] *; W; -1GN *) *X	
&1, *+,	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`@ ` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+ #6" / 3/ % \$ / %2 0(NMI

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN28, BN2*	
&1, *+,	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`@ ` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+ #6" / 3/ % \$ / %2 0(NMI

" \$=L-97 *+, A*9 ' I J	
&1, *+,	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`+, (, 2%/% \$ X=Z[, M ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / %2 2+" g& NMI

\ " QJ \$+B020, -1+ CB <14; 20 <1433-Y; * * , 20 5; 47 * e7 962
" 17 <130+, 3) 0+9*; *4G

54, 0+1+*Z8, BN27 8, BN2/ 8, 1+*	
[02*4;	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`+, (, 2%/% \$ X=Z[, M ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / %2 2+" g& NMI

#-, 0+* W-1GN *) *X			
[02*4;	! 3<Y/* 4, -238* <14;	&1, *+,	14;/ *
WDE	2* , *3,	Y&! \$(, # % &44-#) &>+	`+, (, 2%/% \$ X=Z[, M J ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / %2 2+" g& NMI
	g&		

' P>RC , ; -7 8, BN25 *+cY+*	
&1, *+,	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`@ ` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+ #6" / 3/ % \$ / %2 0(NMI

12*+, +0<B, B0 W* , ; 12*47 XP29B, 0; 17 P+1, / 2033-.*) 03 / 0; / -+19*+/- W @QJ X0+) +1, / 2033-.*) 03 7 4, 09*+/- W @CJ X0+) +1, / 2033-.*) 03 , 1G/ .1; ; * < ; 1) 4/ , -1+ W @R' .) X	
&1, *+,	14;/ *
5/)/ %t 2(%d + 2# 4(%t -+	`@ ` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+ #6" / 3/ % \$ / %2 0(NMI

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&- R ./ ,+0#



&+ 2+ ,! N# # % REI M D N K J H

g+* 4-&) + -& Nt, "# % 2/ REI M D N K J H

`+, "# % R J M V 3

&+ 2:# 4, +""# % REI M D N K J H

> ee eeW R@ M-BN); 1 > 1G1 ' ` 5*+c-7 -) 0c12 Q N2X07 -+1f/0; 51+N2f > 1G1<; 1<N2f0c1f5*+c1-/ 0/-)	
&1, *+,	14; / *
5/) / %t 2(%0d + 2#4(%#-+)	`@ ` @&""+, \$+3e7, 2+%2+ . '(33+ #P-MN(, -e/ 3# + . +>""+#0'' / 3/ %\$ / %2 0(NMI

>d ` R@ ` LB, B021/ N0+-+0, 1W X &>dR&@ R&@ R&@ / 1<<*;	
&1, *+,	14; / *
5/) / %t 2(%0d + 2#4(%#-+)	`+, (, 2%0 %\$ X=Z[, M] ECEVEKKD 2+" ? / , (4e# ") 7+%<&, -&* +% " / %2 2+" g& NMI

#; -7 8, BN25*+cY*+ W143 -317 Y; *3X	
&1, *+,	14; / *
5/) / %t 2(%0d + 2#4(%#-+)	`@ ` @&""+, \$+3e7, 2+%2+ . '(33+ #P-MN(, -e/ 3# + . +>""+#0'' / 3/ %\$ / %2 0(NMI

] *; W; -1GN *) *X	
&1, *+,	14; / *
5/) / %t 2(%0d + 2#4(%#-+)	`@ ` @&""+, \$+3e7, 2+%2+ . '(33+ #P-MN(, -e/ 3# + . +>""+#0'' / 3/ %\$ / %2 0(NMI

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN28, BN2*	
&1, *+,	14; / *
5/) / %t 2(%0d + 2#4(%#-+)	`@ ` @&""+, \$+3e7, 2+%2+ . '(33+ #P-MN(, -e/ 3# + . +>""+#0'' / 3/ %\$ / %2 0(NMI

" \$=L-97 *+, A*9 ' I J	
&1, *+,	14; / *
5/) / %t 2(%0d + 2#4(%#-+)	`+, (, 2%0 %\$ X=Z[, M] ECEVEKKD 2+" ? / , (4e# ") 7+%<&, -&* +% " / %2 2+" g& NMI

9, #&# %4, # &#+) / ' &0d + -! \$a, +* +% #, #&0% . P#%9, #MI

9, #&# % () / -&#+ 3, ' +* +% #, #&0% M^+ 9, #ME

Q(6# #! "4!) #B / + 2: (, \$&0t" <+ / ' 4, (N 8 / +, " (* % (-+) + (/ Nt, ' # + " M Q Q . ? I

) # -+ " X+64("# # % / %B / + Z I * \$ V

P \$ m

' ' => \$+) -/0, -1+3 / 17 <287 *+, 0-; *3

5 / , + " 2(%0d + " X) 7&4# , + J J M

[(' & RS (, " 8 / : # % + 6 # ' + 4 & ' 2 + 2(%0d + " SBK " 4!) #B / + " 4 (/ , / %t ' (6# #! &# / e b - : + " ' # & # % 4 (%) ' / + - - + 2 + ' (6# #! &# / e) (% Nt, ' # & ! ' ! / ' # # ! + 2 & 0% - +) &) / - 2 + - ? Q5 Xt " ' # & # % 2 + - & ' (6# #! &# / e Z 2 / 4, (2 / # M

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !
 !"#%&#%)(* * +,)#&+ R . / , +0#



&+ 2+ ,! N# # % REI MDN KJ H
 `+, "# % RJ M V3

g+* 4-&)+ -& N+, "# % 2/ REI MDN KJ H
 &+ 2:# 4, +""# % REI MDN KJ H

! "#\$%& ' > (\$+.1; 7 0, -1+3 8/1219-E4*3

' >± #1G/-, 8

#1G/-, 8 <14; 2* <1-331+ e7 96f
 " 17 <130+, 3) 0+9*; *4G

54,0+1+*Z8, BNZ 8, BNZ 8, 1+*				
[02*4;	! 3<Y/* 4, -238* <14; 2*, *3,	#N<*) * 7 * 34; *	M4; 8*) : *G<13-, -1+	14; /*
FKK	Y^4, #/(2(% N&, # \$ & ' / "	YSBK	HW7	`+, (, 2%/% \$ X=Z[, M J ECEVEKKD 2+" ?/ (4é#) 7+% <&, -& * +% " / % 2 2+" g& NMI

#-, 0+* W/-1GN) *) *X				
[02*4;	! 3<Y/* 4, -238* <14; 2*, *3,	#N<*) * 7 * 34; *	M4; 8*) : *G<13-, -1+	14; /*
J KKK	0/ % 2 / - / " 7+' + , () -# / "	YSBK	HW7	`+, (, 2%/% \$ X=Z [, M ECEVEKKD 2+" ? / , (4é# ") 7+% <&, -& * +% " / % 2 2+" g& NMI

' P R C , ; -7 8, BNZ5*+cY+*				
[02*4;	! 3<Y/* 4, -238* <14; 2*, *3,	#N<*) * 7 * 34; *	M4; 8*) : *G<13-, -1+	14; /*
ClCE	Qf' + 2+ > (/ - +	YSBK	HW7	`@` @&" "+, \$+3é7, 2+%2+ ' (33+ #P-M N , -é/ 3# + . +-> '' +#6'' / 3/ % \$ / % 2 0(NMI

12*+, +0<B, B0 W* ; ; 12*47 XP29B, 0; 17 P+1, / 2033-.*) 03 / 0; / -+19*+/- W @QJ X0+) +1, / 2033-.*) 03 7 4, 09*+/- W @CJ X0+) +1, / 2033-.*) 03 , 1G/ .1; ; * < ; 1) 4 / , -1+ W @R' .) X				
[02*4;	! 3<Y/* 4, -238* <14; 2*, *3,	#N<*) * 7 * 34; *	M4; 8*) : *G<13-, -1+	14; /*
HtEE	_ % (, 7^% 7 / " * ^P# " XQ, / #+ & ,) +%) #-Z	YSBK	HW7	`@` @&" "+, \$+3é7, 2+%2+ ' (33+ #P-M N , -é/ 3# + . +-> '' +#6'' / 3/ % \$ / % 2 0(NMI

> ee' eeW @ M-BN) ; 1 > 1G1 ' ` 5*+c-7 -) 0c12 Q N207 -+1f/0; 51+Nf > 1G1<; 1<N2f0c1f5*+c1- / 0/-)				
A*7 0; E4*	14; /*			
5 /) / % + 2 (% / + 2 # 4 (% # - +	`@` @&" "+, \$+3é7, 2+%2+ . ' (33+ #P-M N , -é/ 3# + . +-> '' +#6'' / 3/ % \$ / % 2 0(NMI			

>d ` @ ` LB, B021/ N0+--+0, 1W X & >d R @ R @ R @ / 1 << * ;				
A*7 0; E4*	14; /*			

] *4-22*) 1/47 *+,) * 38/4; -,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,)#&-+ R . / , +0#



&+ 2+ , ! N# # % REI M D N K J H

g+* 4-&) + -& Nt, "# % 2/ REI M D N K J H

`+, "# % R J M V 3

&+ 2:# 4, +""# % REI M D N K J H

5/) / % + 2(%d + 2#4(%# -+	`+, (, 2%/% \$ X=Z[, M ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / % 2+" g& N M
------------------------------	--

#; -7 8, BN5 *+ cY+* W143 -317 Y; *3X	14; / *
A*7 0; E4*	
5/) / % + 2(%d + 2#4(%# -+	`@` @&""+, \$+3é7, 2+% 2+ . '(33+ #P-MN(, -é/ 3# + . +>""+ #6' / 3/ % \$ / % 2 0(N M

] *; W; -1GN *) *X	14; / *
A*7 0; E4*	
5/) / % + 2(%d + 2#4(%# -+	`@` @&""+, \$+3é7, 2+% 2+ . '(33+ #P-MN(, -é/ 3# + . +>""+ #6' / 3/ % \$ / % 2 0(N M

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN8, BN2*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	#N<*) * 7 * 34; *	M4; 8*) : *G<1 3-, -1+	14; / *
J KK	_ % (, 7^% 7/ " * ^P# " XQ, / #+ &,) + %) # -Z	YSBK	HW7	`@` @&""+, \$+3é7, 2+% 2+ . '(33+ #P-M N , -é/ 3# + . +> ""+ #6' / 3/ % \$ / % 2 0(N M

" \$=L-97 *+, A*9 ' I J	14; / *
A*7 0; E4*	
5/) / % + 2(%d + 2#4(%# -+	`+, (, 2%/% \$ X=Z[, M ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / % 2+" g& N M

#1G/-, 8 <14; 2*3) 0<B+ -*3 e7 96f

" 17 <130+, 3) 0+9*; *4G

54, 0+1+*Z8, BN7 8, BN7 8, 1+*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<13-, -1+	14; / *	
BEK	&47%#& * &\$%&X4/) + 2:+&/ \$! &8%+Z	FD 7	`+, (, 2%/% \$ X=Z[, M J ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / % 2+" g& N M	

#-, 0+* W-1GN *) *X				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	#N<*) * 7 * 34; *	14; / *
BBB	&47%#& * & \$%&X4/) + 2:+&/ \$! &8%+Z	FD 7	?YBK	`+, (, 2%/% \$ X=Z [, M ECEVEKKD 2+" ?/ , (4é#) 7+% <& -&* +% " / % 2+" g& N M

' P R ; ; -7 8, BN5 *+ cY+*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	#N<*) * 7 * 34; *	14; / *

] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(**+,)#<+R./,+0#



&+ 2+ ,! N# # % REI M D N K J H

g+* 4-&)+ -& Nt, "# % 2/ REI M D N K J H

`+, "# % R J M V 3

&+ 2:# 4, +""# % REI M D N K J H

I BAK	847%#&* & \$%&X4/)+ 2:+&/ \$! 80%+Z	FD 7	?YBK	`@` @&""+, \$+367,2+%2+ .'(33+ #P-M N, -é/ 3# + . +-> ""+#6''/ 3/ %\$ / %2 0(NMM
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12*+, +0<B, B0 V*.; 12*47 XP29B, 0; 17 P+1, /2033-.*) 03 /0; /+19*+/- W @QJ X0+) +1, /2033-.*) 03 7 4, 09*+/- W @CJ X0+) +1, /2033-.*) 03, 1G- / .1; ; * < ; 1) 4/ , -1+ W @R' .) X				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	#N<*) * 7 * 34; *	14; / *
Wlj F	847%#&* & \$%&X4/)+ 2:+&/ \$! 80%+Z	FD 7	?YBK	`@` @&""+, \$+367,2+%2+ .'(33+ #P-M N, -é/ 3# + . +-> ""+#6''/ 3/ %\$ / %2 0(NMM

> ee' eeW@ M-BN); 1 > 1G1 ' ` 5*+c-7-) 0c12 Q N207 -+1f/0; 51+Nf > 1G1<; 1<N2f0c1f5*+c1-/0/-)	
A*7 0; E4*	14; / *
5/)/ %t 2(%0d + 2#4(%#-+	`@` @&""+, \$+367,2+%2+ .' (33+ #P-MN, -é/ 3# + . +->""+#6''/ 3/ %\$ / %2 0(NMM

>d` R@ ` LB, B02I/ N0+-+0, 1W X &>dR@ R@ R@ / 1<<*	
A*7 0; E4*	14; / *
5/)/ %t 2(%0d + 2#4(%#-+	`+, (, 2%/%\$ X=Z[, M ECEVEKKD 2+" ? / , (4é#) 7+%<& -&* +% " / %2 2+" g& NMM

#; -7 8, BN25*+cY*+ W143 -317 Y; *3X				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	#N<*) * 7 * 34; *	14; / *
BBAK	<&-&*+ (%t'+" 4/ \$#	FD 7	?YBK	`@` @&""+, \$+367,2+%2+ .'(33+ #P-M N, -é/ 3# + . +-> ""+#6''/ 3/ %\$ / %2 0(NMM

] *; W; -1GN) *) *X	
A*7 0; E4*	14; / *
5/)/ %t 2(%0d + 2#4(%#-+	`@` @&""+, \$+367,2+%2+ .' (33+ #P-MN, -é/ 3# + . +->""+#6''/ 3/ %\$ / %2 0(NMM

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN28, BN2*				
[02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8*) : *G<1 3-, -1+	#N<*) * 7 * 34; *	14; / *
BKK	847%#&* & \$%&X4/)+ 2:+&/ \$! 80%+Z	FD 7	?YBK	`@` @&""+, \$+367,2+%2+ .'(33+ #P-M N, -é/ 3# + . +-> ""+#6''/ 3/ %\$ / %2 0(NMM

] *4-22*) 1/47 *+,) * 38/4; -, 8 3*21+ ' dj I 6>J J R6" !

! " # \$ % & # %) (* * + ,) # & + R . / , + 0 #



& + 2 + , ! N # # % REI M D N K J H

g + * 4 - &) + - & N # , " # % 2 / REI M D N K J H

` + , " # % R J M V 3

& + 2 : # 4 , + " " # % REI M D N K J H

" =L-97 ** , A*9 ' I J	
A*7 0; E4*	14; / *
5 /) / % + 2 (% @ d + 2 # 4 (% # - +	` + , (, 2 % / % \$ X = Z [, M ECEVEKKD 2 + " ? / , (4 é #) 7 + % < & , - & * + % " / % 2 2 + " g & N M M

#1G / - , 8 < 14; 2*3 0 2 9 4 * 3 e 7 9 6 2

" 17 < 130 + , 3) 0 + 9 * ; * 4 G

54, 0 + 1 + * Z 8, B N Z 8, B N Z 8, 1 + *			
[0 2 * 4 ;	! 3 < Y / * 4 , - 2 3 8 * < 1 4 ; 2 * , * 3 ,	M 4 ; 8 *) : * G < 1 3 - , - 1 +	14; / *
BKK	. P + - + ' (% + * &) (" ' & ' / *	HW7	` + , (, 2 % / % \$ X = Z [, M J ECEVEKKD 2 + " ? / , (4 é #) 7 + % < & , - & * + % " / % 2 2 + " g & N M M

# - , 0 + * W - 1 G N) *) * X				
[0 2 * 4 ;	! 3 < Y / * 4 , - 2 3 8 * < 1 4 ; 2 * , * 3 ,	M 4 ; 8 *) : * G < 1 3 - , - 1 +	# N < *) * 7 * 3 4 ; *	14; / *
BbDI	< " + / 2 (P #) 7 % + , # - & " / >) & 4 # & ' &	CE 7	? , Y B K R	` + , (, 2 % / % \$ X = Z [, M ECEVEKKD 2 + " ? / , (4 é #) 7 + % < & , - & * + % " / % 2 2 + " g & N M M

' P R ; ; - 7 8, B N Z 5 * + c Y + *	
A*7 0; E4*	14; / *
5 /) / % + 2 (% @ d + 2 # 4 (% # - +	` @ ` @ & " " + , \$ + 3 é 7 , 2 + % 2 + . ' (3 3 + # P - M N [, - é / 3 # + . + - > " " + # 6 ' ' / 3 / % \$ / % 2 0 (N M M

1 2 * + , + 0 < B, B 0 W * , ; 1 2 * 4 7 X P 2 9 B, 0 ; 1 7 P + 1 , / 2 0 3 3 - . *) 0 3 / 0 ; / - + 1 9 * + - / W @ Q J X 0 +) + 1 , / 2 0 3 3 - . *) 0 3 7 4 , 0 9 * + - / W @ C J X 0 +) + 1 , / 2 0 3 3 - . *) 0 3 , 1 G / . 1 ; ; * < ; 1) 4 / , - 1 + W @ R ' .) X				
[0 2 * 4 ;	! 3 < Y / * 4 , - 2 3 8 * < 1 4 ; 2 * , * 3 ,	M 4 ; 8 *) : * G < 1 3 - , - 1 +	# N < *) * 7 * 3 4 ; *	14; / *
J H	. + + % & " " , / *) & 4 , # (, % ' / *	CE 7	? , Y B K R	` @ ` @ & " " + , \$ + 3 é 7 , 2 + % 2 + . ' (3 3 + # P - M N [, - é / 3 # + . + - > " " + # 6 ' ' / 3 / % \$ / % 2 0 (N M M

> e e e e W R @ M - B N) ; 1 > 1 G 1 ' ` 5 * + c - 7 -) 0 c 1 2 Q N Z 0 7 - + 1 f / 0 ; 5 1 + N Z > 1 G 1 < ; 1 < N Z f 0 c 1 f 5 * + c 1 - / 0 / -)	
A*7 0; E4*	14; / *
5 /) / % + 2 (% @ d + 2 # 4 (% # - +	` @ ` @ & " " + , \$ + 3 é 7 , 2 + % 2 + . ' (3 3 + # P - M N [, - é / 3 # + . + - > " " + # 6 ' ' / 3 / % \$ / % 2 0 (N M M

> d ` R @ ` L B, B 0 2 1 / N 0 + - + 0 , 1 W X & > d R @ R @ R @ / 1 < < * ;	
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5 /) / % + 2 (% @ d + 2 # 4 (% # - +	` + , (, 2 % / % \$ X = Z [, M ECEVEKKD 2 + " ? / , (4 é #) 7 + % < & , - & * + % " / % 2 2 + " g & N M M

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(**+,)#&-+ R ./,+0#



&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -& Nt, "# % 2/ REI MDMKJ H

`+, "# % RJ M V3

&+ 2:# 4, +""# % REI MDMKJ H

#;-7 8, BN25**cY+* W143 -317 Y; *3X	
A*7 0; E4*	14; / *
5/) / %t 2(%d + 2#4(%#-+)	`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+#6"/ 3/ %\$ / %2 0(NMI

] *; W; -1GN) *) *X	
A*7 0; E4*	14; / *
5/) / %t 2(%d + 2#4(%#-+)	`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+#6"/ 3/ %\$ / %2 0(NMI

0/8, 0, *) * > 7 8, B1GN ' 7 8, BN28, BN2*	
A*7 0; E4*	14; / *
5/) / %t 2(%d + 2#4(%#-+)	`@` @&""+, \$+3é7, 2+%2+ . '(33+ #P-MN(, -é/ 3# + . +>""+#6"/ 3/ %\$ / %2 0(NMI

" \$=L-97 *+, A*9 ' I J	
A*7 0; E4*	14; / *
5/) / %t 2(%d + 2#4(%#-+)	`+, (, 2%/% \$X=Z[, M ECEVEKKD 2+" ?/ , (4é# ") 7+%<& -&* +% " / %2 2+" g& NMI

' >=> L*; 3-3, 0+/* *,) 89; 0) 05-2, 8

c!) &/%#* + 2: !-# #&#% + ' 2+ ?" \$# ' P+#t &+% @>+, 2# />+, +#/ %\$ "+>""M
, !4& '## %

?-# #&#% %2&8%' -" "' &#%' 5/) / %t 2(%d + 2#4(%#-+
2: !4/ , &# %

o# 2! \$, &2&>##! 5/) / %t 2(%d + 2#4(%#-+

' > @L1, *+, -*2) * 5-10//47 42D, -1+

o# &)/ * / -&# % 5/) / %t 2(%d + 2#4(%#-+

Y(+3# #% 2+ >#)(%)+%, &# % 5/) / %t 2(%d + 2#4(%#-+
XoY0Z

' > € F 15-2, 8) 0+3 2* 312

g! 4& '## % 2&8%' -: +N#(%t+ 5/) / %t 2(%d + 2#4(%#-+
* +%

' > € Q A83420, 3) *3 8T0240, -1+3 La# *, TLTa

g! "/-'& 2+ -&2! '+, * #&#% % Y+'+' />""&)+ %t , +* 4-# 4& -") , #a, +" <QoVN<Nb 2+ -&2#+) '#N+
2+" 4, (4, #!' " <oQ X+ , "#' &#% +b g?5Y; &#t+6+ i 99M
Q(6# / +bo# &)/ * / -&>+Z

] *4-22*) 1/47 *+,) * 38/4;-,8 3*21+ ' dj I 6>J J R6" !
!"#%&'@("1+3-)8;0,-1+3;*20,-T*3 S 2827 -+0,-1+



&+ 2+ ,! N# # % REI MDN KJ H
, " # % R J M V3

g+* 4-&)+ -& Nt, "# % 2/ REI MDN KJ H
&+ 2:# 4, +" "# % REI MDN KJ H

!"#%&'@("1+3-)8;0,-1+3;*20,-T*3 S 2827 -+0,-1+

' @± F 8, B1) *3) * ,; 0-, *7 *+,) *3) 8/B*, 3

Y(%! #!, &# %', +& #N" U-! -# S! -# #&# % 2(# "+ 38#+ "+(- % -" 4, +), #, # %' 2+" &' (, #! " -) &+ " M
* #&# %

!"#%&' C(\$+.1; 7 0,-1+3;*20,-T*3 04 ,; 0+3<1; ,

#; 0+3<1; , , * ; *3 ; * HMA6 A\$M	#; 0+3<1; , 7 0; -, -7 * \$ M_	#; 0+3<1; , 08; -+ * \$ H%6#H#H
!"#%&'# % 2/ 4, (2/ # + % &# -8#	1 [J HHI b0-&* * &>-+ -# 8/ # " b% M(M' N) Xc + ' 7 ^ - ? ' 7 ^ - { + ' (% + Z b 9	
J FM [(_ [1	1 [J HHI	1 [J HHI b0-&* * &>-+ -# 8/ # " b% M(M' N) Xc + ' 7 ^ - ? ' 7 ^ - { + ' (% + Z
J FM Y - &" + X' Z2 + 2 &# + , 4(/ , - + ' , &# ' 4(, ')	I	9 = Y_ ? Y - &" I
J FM = , (/ 4 + 2; + * > &- & \$ +	9	9
!) - + % 7 + / , 2 + 2 &# + , 4(/ , - : + % N # (% # + %	KR4(- / &# % (% * & , # +	
J FM ! " # % & ' # % (3 # # -- + 2 + ' , &# ' 4(, ' 2 + - : _ [1		0 - &* * &>-+ -# / # " b% M(M' N) Xc + ' 7 ^ - ? ' 7 ^ - { + ' (% + Z

' C± #; 0+3<1; , *+ T; 0/ / 1+.1; 7 87 *+, S 20++ * G* \$) * 20 / 1+T*+, -1+ F 0; <12*, 04 ; * / 4*-2 \$a"

Q, &# ' 4(, ' + % N &) (% , * ! * + % [(% & 44 - # &>-+
U - : &# # + 6 + 9 2 + - &) (% N + % # %
c & , 4(- + ' & / , +) / + # 9 Y

!"#%&' Q(\$+.1; 7 0,-1+3;*20,-T*3 S 20 ; 892*7 *+, 0,-1+

' Q± A892*7 *+, 0,-1+36289-320,-1+ <0; , - / 42Y; *3 S 20 3453, 0+ / * 14 04 7 820+9* *+ 7 0, -Y; *) * 38/4; -, 8P) * 30+, 8 *,) : * + T-; 1+ * * 7 *+,

5 / ' , + " , ! \$ - + * + % & # % ' d' # / + ' 8 \$ + "+ (% - + , a \$ - + * + % X Y ? Z [\] E C E V E K K D I Y S < m
w = { X 5 / ' () - & " " + * + % Z < , ! " + % + / % 38 # - + 2 &# + , 4(/ , - : + & M w = { J Z

' Q> DT0240, -1+) * 20 38/4; -, 8 / B-7 -E4*

dN&- / & # % 2+ - & " !) / , # ! 1 % + ! N&- / & # % 2+ - & " !) / , # !) 7 # # / + % & 4 & " ! ! + 33 +) ' / ! + 4(/ ,) + ' + " / > " " &# + M

!"#%&' R(H4, ; *3 -+.1; 7 0,-1+3

c (2 # # & # % 4 & , & 44(, ' U - & 2 + , % # , + N + , " # % S + " * (2 # # & # % ' 4 & , & 44(, ' U - & 2 + , % # , + N + , " # % " (% * & 8 / ! + " 2 : / % u M

Q + % + / , + % ' & / 6 2 + ; EE BR S # / # 2 + + ' N & 4 + / , " ' , a " # 3 & * * &>-+ " M
; EE WR S # / # 2 + + ' N & 4 + / , " # 3 & * * &>-+ " M

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' dj I 6>J J R6" !

!"#%&#%)(* * +,) #<+ R ./ ,+0#



&+ 2+ ,! N# # % REI MDMKJ H

g+* 4-&)+ -& Nt, "# %2/ REI MDMKJ H

`+, "# %RJ M V3

&+ 2:# 4, +" "# % REI MDMKJ H

; IKFR<+/' f', + * (,'+- +%)&' 2:#\$+" "# %+' 2+ 4! %d ', &' # %2&%' -+"
N # " , +" 4#&(#+" M
; IJ BR<, (N 8/ + / %t #, #&' # %) / ' &%' +M
; IJ HR<, (N 8/ + / %t " ! Na, + #, #&' # %2+" ^+ / 6M
; I I ER[() # 4& , # 7 & - &' # % M
; I I BR<+/' #, #+, -+" N # " , +" 4#&(#+" M
; I I VR<+/' 4, (N 8/ + , " (* % (-+%) + (/ Nt, ' # + " M
; FJ J RQ(6#B/ + 4(/ , -+" (, \$ &%' # * + " &B/ &' #B/ + " b+% , &S%t 2+" +33+"
%d 3&' "+" U-(%\$ ' +, * +M

d%(%! 2+") -&' "+" 2+ , # 8/ +

0-&* M5#B MRS#B/ #2+ #B-&* * &>-+
?^+ 9, #NR9, #&' # % () / -&#+
. Q Q . ?RQ(6# #! " 4!) #B/ + 4(/ ,) +, ' &#%' (, \$ &%') # -+" ?64("# # %
/ %B/ + . Q Q / %M
5) / ' + Q(6NRQ(6# #! &# / è
. P#%9, #NR9, #&' # %) / ' &%' +
58/ &' # Y7, (%R &%' +, 4(/ , -+ * ##/ &B/ &' #B/ +

S+" * (2#B#&' # %' 4& , &44(, ' U-&2+, %B, + Nt, "# % "(% * & 8/ ! + " 2:/ % uM

Y+" #B#&' # %' , +4("+% "/ , -+ %Nt& &' / + - 2+ % (") (%&# " &%' + " + ' +64! , #%) + " M5& 3+ / #+ 2+ 2(%d + "
2+ " !) / , #! 2!) , # -+" 4, (2/ # " 2/ 4(# 2+ N + 2+" +6# +%) + " 2+ " !) / , #! M5+" #B#&' # %' %t) (%' # / + %
4&" 2+" 4, (* + " " + " 2+ 4, (4, # ' ! " M

] *4-22*) 1/47 *+,) * 38/4;-, 8 3*21+ ' c j I 6>J J P6" !

!"#%&#%)(* * +,)#&-+ R ./, +0# 12#0/0+,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+* 6-&)+ -&O+, "# % 4/ RFJ NLENFLKI

_, "# % RKNF V5

&+ 4;# 6, +""# % RFJ NLENFLKI

!"#%&'(\$)*+,-./0,-1+) * 20 3453,0+/*6) 4 7 820+9* *,) * 20 31 /-8,862*+, ; * < ; -3*

' ± \$)*+,-./0,*4;) * < ; 1) 4-

!"#%&#%)(* * +,)#&-+ . /, +0# 12#0/0+,

' ≥ ? , -230, -1+3 -) *+, -. -8*3 <*; , -+*+, *3) * 20 3453,0+/* 14) 4 7 820+9* *, 4, -230, -1+3) 8 /1+3*-228*3

3'##&#%# #4+% #5#+" 6+, '# 7/8##&#+" 6(/, -&'+)2%#0/ + 4+% &#+ %0%+"

' @A*+3*-9+*7 *+, 3 /1+/*; +0+, 2* .14; + -33*4;) * 20 ./B*) *) 1++8*3) * 38/4; -, 8

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<=4+% >* ? <

@A#% #' , #2 .', &B+ C

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#%E M264+%N(*

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HGI DDJ K J E KK LGG PHGI DDJ K J K I D KFJ PQ % &Q M26 4+%N(*

' € &47 8; 1) :0<<*2) :4; 9*+/*

1! -! 62(%0+ %) &' 4; /, \$+%0 +

<+/, +" 4;(/ O+, '/, + RHGI DDJ K J E KK KK LGG <+/, +" 4;(/ O+, '/, + R

S/ % T/ 4+ LEß L UKDß L V O+%4, +4#4+ LEß L UKVRLN

!"#%&>(\$)*+,-./0,-1+) *3) 0+9*; 3

>± " 2033-./0,-1+) * 20 3453,0+/* 14) 4 7 820+9*

)-&""#5#&#%"+-(% -;(, 4(%0000) + XY @Z [\ KFDVFVLLLE

@+ ;, #NF^Y&! \$(, # F

@5+ ' %&)(' #0/ + ^Y&! \$(, # J

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>=> D287 *+, 3) :8, -E4*, 09*

=#'(\$, &* * + 4+ 480\$+,



><. LF



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_&-+/, ' <

<FFCRS#0/ #4+ + ' O&6+/, " ' , ` " #5&* * &2 -+"N

<J KI R=, (Q 9/ + / %0 " ! O` , + #, #&! # % 4+ "] + / 8N

<J J VR=+/' 6, (Q 9/ +, " (* %(-+%0) + (/ O+, ' #+ "N

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' c j I 6>J J P6" !

!"#%&#%)(* * +,)#&-+ R . / , +0# 12#0#0#,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+* 6-&)+ -& O+, "# % 4/ RFJ NLENFLKI

_+, "# % RKNF V5

&+ 4;# 6, +""# % RFJ NLENFLKI

_&+/, " =

=FKLR1+%# U -!) &' 4+ -&) 2&+/, ^4+" "/, 5&)+ ") 2& 4+"^4+" !' #%)+--+ ^4+" 5&* * + " %/ + " + ' 4+ '(/ '+ &' , + "(/ ,) + 4;#5&* * &' #N[+ 6&' 5' * +, N =FGKR3'##+, 4/ * &!, #- X -)' ,# / +V4+ O+% #&' # %V4;!) -&#&\$+V Z&% '##! 5&\$, &0% N =FELR=(, '+, 4+" \$&0" 4+ 6, ('+' '# %V4+" Ca'+* +%" 4+ 6, ('+' '# %V/ % ! 9/ #6+* +% 4+ 6, ('+' '# %4+"]+/ 8V4/ O#&\$+N =FJ J Rb &#%+%# -+, !) #6#% 5+, * ! 4+ * &0# , + ! ' &0 2+N =FGFR3'##+, 4+" (/ '# " % 6, (4/ # &0 6&' 4;! '#0 +--+ "N =FGJ R=, +%4, + 4+" * +"/, + " 4+ 6, !) &' # %) (% , + -+ " 4!) 2&, \$+ " ! -) ', ("" & # / + " N =FWKRcO#+, 4+, + " 6#+, -+ " 6 (/ "" #, + " V5' * ! + " V\$ &dV?, (/ # &, 4 " VO& 6+/, " V&, (" (- " N =FWGR. + -&O+, S+ " 4+/ 8 * � " (# % 0 / " + * + % &6, ` " * &0# / -&' # % N =FDKR3'##+, "+ / -+ * + % + % 6-+ # &# (/ 4&0' / % + % 4, (# ? # % O+ % #! N =FELR=(, '+, 4+" \$&0" 4+ 6, ('+' '# %V4+" Ca'+* +%" 4+ 6, ('+' '# %V/ % ! 9/ #6+* +% 4+ 6, ('+' '# %4+"]+/ 8V4/ O#&\$+N =J KFR766+--+ , / % Y @ 1e@7[1:=f :. f [V/ % * ! 4+) #0/ + %) &' 4+ * & -&# + N =J L J H = J W K H = J C J R @ Y 7. @ Y f [17Y1 7_ @ Y S 7 = @ 7 3 X / -+ ") 2+ O+ / 8 Z R @ % + O+, # * ! 4 # & + * + % '(/ " -+ " Ca'+* + %) (% &* # d " Ne # 0) +, -& 6 + &/ U -; + &/ X / " + 4 (/) 2+, Z N =G L J H = F J J R. ' () Q+, 4 &0' / % + % 4, (# ? # % O+ % #! N b &#%+%# -+, !) # 6 # % 5+, * ! 4+ * &0# , + ! ' &0 2+N =G L C R > &, 4+, "(/ ") -+ 5 N =J L G H = J G L R @ Y 7. ; : [< 7 S 7 1 : f [R 1, &0' 6 (, '+, -& 6+, " (% 0 + U -; + 8' ! , # / , + ' -& * &#%+%# 4&0' / % + 6 (" # # % (g +--+ 6+ / ') (% & , ' & 2-+ * + % , + " 6 # +, N

!"#%& @ " 17 <13-, -1+6-+.1;7 0, -1+3 34; 2*3 /17 <130+, 3

@> F 820+9*3

" 17 <130+, 3) 0+9*; *4G

453,0+/* /1+, *+4*	&1=" H	" 2033-. /0, -1+ ' >I >6>J J K6" !	" 1+/*+, ;0, -1+
? / ' &0(% + h! ' 2] - * ! ' 2] -) ! ' (% +	[(NY7. RDE I] J [(NY@RFLK KCI L [(N:%4+8 R W L W L L F L L J	0-&* NS#NFh<FFC @+;, #NFh <J KI . 1f 1 . @J h<J J W	+%(CNDLNL KLLNL 64" i
F =, (6+% (# &) # ^ F * + ' 2] - ^ 6 (-] * +, A # 2 * + ' 2] - F * + ' 2] - F 6, (6+ % (& + X O+, &\$ + b j K J C L L L \$ V * (- Z	[(NY7. RFCLEW KC K	S+ 6, (4/ # % + " ' 6&') -&' " !) (* * + ! ' &0 4&0# +, + / 8 4&0' -+ " + %' 4+ -; f, 4 (% 0 &0) + + / , (6! + % 0 + % K F D F V F L L E K Y S = I N	+%(CNKLNL FCNL 64" i

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' c j I 6>J J P6" !

!"#%&#%)(**+,)#&+R./,+0#12#0#t,



&+4+;!O#%RFJNLENFLKI

e+*6-&)+-&O+,"#%4/RFJNLENFLKI

_, "#%RKNFV5

&+4;#6,+""#%RFJNLENFLKI

!"#%&C(L;*7-*;33*/14;3

C= M*3/;-,-1+) *3 <;*7 -*;3 3*/14;3

Y(%'+#" \$! %d ,&/ 8

Y(%'/'-+, / %* !4+) #%+%&' 4+ * &&#N

. #-&O# '# + +"" #Q(%') #%+ (/ "#+--+ "(/ 55 + 4+), &* 6+" ^%t T&* &#
-/ #5&#+ #f\$/ , \$#+, 9/(#9/+) + "(#N

@%) &' 4;#f2&&# %

1, &f'6(,'+, -&O# '# + U-;#& #f, +^-&6, ('! \$+, 6& / %t) (/ O+, ' / , + + ' -&
* &#f+%# # * (? #+Ne+"6#&# %&' #f# #--+ +%) &' 4+ , +"6#&# % #, !
\$/ -# , + (/ 4;&, a' , +"6#&' (#+ @%) &' 4+ 6+ , ' + 4+) (%') #%Q + ^%t , #%
&4* #f#', +, 6& Q # ? /) &+^* #+ +%4!) / ? # / " -&! , &+ ') (%' / '-+,
/ %* !4+) #fN

@%) &' 4+) (%&' &O+) -&6+&/

76, ``) (%&' &O+) -&6+&/ ^+%+O+, # * !4f&+* +% '(/ ' Oa'+* +% "
" (/ #! (/ !) -&2 (/ ""! + ' O "+ -&O+, # * !4f&+* +% + ' &2 (%4&* * +%
&O+) 4;+&/ + ' 4/ " &Q %N

@%) &' 4+) (%&' &O+) -+"] + / 8

@%) &' 4+) (%&' &O+) -+"] + / 8^6&/ 6# , + (/ O+, ' + , #Q+ , # * !4f&+
* +% U-;+&/) (/ , &f% + KL UKC * #f' '+ ' +) (%' / '-+, / % (62' &* (-
\$#'+N

@%) &' 4;#f\$+' '# %

@ Y7. ;: [> @ 1:f [R[@=7. 5&#+ Q * #N[+ , #%4(%f%t, U? (#+ (/ U
* &f\$+, N766+ , # * !4f&+* +% / %* !4+) #fN

!"#%&N(F *34;*3) * 24,, * /1+, ; * 2-+/*+) -*

N= F 10*+3) :*G, -+/, -1+

b (] +%4;+8' #Q' # %&66, (6, #

m' 4;+&/ 6/ -Q , #! +^@# #Q' + / , U "+) ^* (/ ""+ , ! " #' &f% + U -; &) ((-^ #
(8] 4+ 4+) & , ? (%t Yf FZ

N> M0+9* ; 3 < 0 ; , - / 42* ; 3 ; 83420+ ,) * 20 3453, 0+ / * 14) 4 7 820+9*

S+ " , #9/ + " "6!) #f# / + " 4; / %t
+86 (" # # % ^6, (Q 9 / ! " 6& -&
" / ? "" &f% + (/ -&6, ! 6& & # %
+--+ * a* +^6& -+ / , " 6, (4 / # "
4+) (* ? / "" # % (/ 6& -+ " \$&d
4! \$&

* (% (8] 4+ 4+) & , ? (%t
1+%# U-; !) & , ' 4+ -&) 2&+ / , ^4+ " / , 5&) + ") 2& / 4+ " ^4+ " ! ' #Q+ +--+ " ^4+ "
5&* * + " % / + " + ' 4+ ' (/ '+ &/ ' , + " (/ ,) + 4; #f5&* * & # %N[+ 6& " 5' * + , N
1+%# &/ 5 &#N
b # + U -&' + , +V-#f# (%! 9/ #f ('+% #--+ 4/ , !) #f#% + ' 4/ * &! , #- 4+
, !) +6' # %N
3' ##+ , 4/ * &! , #- ! -+) , #f / +V4+ O+% #&# % / 4; !) -&# &\$ + VV &f% #! 5&
\$, &f%N
3' ##+ , 4+ " (/ '# " 6& + ! ' #Q+ +--+N
cO#+, -; &) / * / -&' # %4+) 2& \$+ " ! -+) , ("" & #f / + "N
[+ 6& , + " 6# + , -+ " 6 (/ "" # , + " V5' * ! + " V\$ &dV? , (/ # -& 4" VQ&6+ / , " V&
, (" - "N
cO#+, ' (/ ') (%&' &O+) -+"] + / 8^-&6+&/ (/ -+ " Oa'+* +% "N

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' c j I 6>J J P6" !

!"#%&#%)(**+),#<+ R ./,+0# 12#0#>+,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+* 6-&)+ -& O+,"# % 4/ RFJ NLENFLKI

_+, "# % RKNF V5

&+ 4;# 6,+"# % RFJ NLENFLKI

N=@ " 1+3*-23 04G <17 <-*;3

7/','+" #04#&#%' "/, -&-/''+
(% ,+ -+" #0) +%4#"

=(, '+, / % &66&,+#, +"6#&(#+ &' (% (* + +' / %>) (* ? #0&# (%4+ 6, ('+)'#%) (% ,+ -+" "/?""&0) +) 2# #0/ +" Ne+5 (## &O+) 4+ -;+&/ -+" ,!) #0#%" 5+, * ! " " + ', (/ O&0% U 6, (8# #! 4/ 5 [] +, 4;#0) +%4#N=(/ , 6+'#+ ? (/ '+#-+ Rc' (/ 55+, &O+) 4+ -;+&/ ^/ %>) (/ O+, /', + * (/ #! + (/ / %> " +, O# "' +N
S+" O&6+/, " , #9/ +% 4+ 6&) (/ , # 4+" 4# ' &0) +) (% ' #! , &2 -+" &O&0% 4;&' + #04, + / %> " (/ ,) + 4; &- / * &\$ + ^4+ " ; &- / * + , ^4+ 6, (Q 9/ +, -+ , + '(/ , 4+" 5-&* * + " (/ / %> +86-("# %NS(, " 4+ -; /' ## &# % ^5 , * &# % 6 (""# -+ 4+ * ! -&0# + O&6+/, &# #05-&* * &2 -+V+86-("#N

! " #0%& P (F *34; *3 Q <; *+) ; * *+ /03) *) -3<*; 3-1+ 0// -) *+, *22*

P = L; 8/04, -1+3 -+) -R-) 4*22*3S8E4-<*7 *+,) * <; 1, */ , -1+ * , <; 1/8) 4; *3) :4; 9*+ / *

=,!) &' #%' #04#0# / +--+" 3'##+, / %! 9/ #0+ * % 4+ 6, ('+) #' #04#0# / +- XQ # , / ? , #0/ + EZN

P > L; 8/04, -1+3 <14; 20 <; 1, */ , -1+) * 2*+R-; 1+++*7 *+,

=,!) &' #%' 6(/ , -&6, ('+) #' % [+ 6& -&# "+, " ;!) (/ -+, 4&0% -+") &0&-# &# %' % #4&0% -+" +&/ 8) (/ , &0% + " N
. + -&O+, -+" * �% &O&0% 4+ * &0# +, ^4+ ? (#+ (/ 4+ 5' * +, N
S&O+, -+" Ca'+* +%" " (/ #! " &O&0% 4+ -+" , ! /' ##+, N

P @ F 8, B1) *3 * , 7 0, 8; - *2) * / 1+ . - + *7 *+, * ,) * + * , , 1009 *

b ! ' 2 (4+ " 4+ %>' () &\$+ c-# #0+, # * ! 4#&+* + % -+" 9/ &0% #! " , +%O+, " ! "+" N@ (#0%+, '(/ '+
" (/ ,) + 4; #0#%# %N@O&) / +, -+" 6+, " (%0% " + % -# / " n, N_ + % #+, -&d (%>
) (%) +, %d + N. (- 4&0# +, + / "+* + % \$ -# " &0% + %) &' 4! ;) (/ -+* + % V4+ 4!
O+, "+* + % 4/ 6, (4/ #N7? " (, ? +, &O+) / %> " / ? ""&0) + -#0% -+" -#0/ #4+"
X' &2 -+ ^4#& (* #+ ^-#0% 4; &) #4+ " ^-#0% / %> O+, "+-ZNI + 6&' #0' 6#+, -+"
O&6+/, " V& , (" -" N
S; ! -# #0&# % 4 (# " + 58#+ "+- (% -+" 6, +) , #0' #%' 4+ " &/ ' (, #! " -) &-+" N
@ (#0%+, '(/ '+ " (/ ,) + 4; #0#%# %N
[+' () +, &O+) / %* &! , #0/ &2 " (, ? &0% X6N+8N) 2#5 (% ^ % (% ' #! " ZN

! " #0%& I (F 0+ -<420, -1+ * , 3, 1/T09 *

I = L; 8/04, -1+3 Q <; *+) ; * <14; 4+* 7 0+ -<420, -1+ 30+3) 0+9*;

Y (%'+#" 6(/ , / %> * &0#0/ -&' # % ";&' / , +, 4; / %> O+% #&' # % " / 55# &0% + 6&' # / -# , +* + % 4&0% -+" +"
" &0% 4&0# +, 6&) + " 5+, * ! " N
cO#+, '(/ ') (% &) ' &O+) -+"] + / 8 + ' -&6+&/ N
=, ! Q # / %> O+% #&' # % &4! 9/ &+ N &0% -&* + " / , + 4/ 6 (""# -+) +&
4+Q &# a', +, ! &-#! 6& , -; /' ## &# % 4; / %> O+% #&' # % 6& , &' 6#&' # % - () &-+ ' 4; / %> ? (%0% +8' , &) ' # % \$! %d , &-+ N. #) +--+") #0% " (% 6& " / 55#
" &0% + " 6(/ , * �% + % # -+") (%) + % , &' #%' 4+ 6&' # / -+" + ' 4+ O&6+/, "

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' c j I 6>J J P6" !

!"#%&#%)(* * +,)#&- R ./ ,+0# 12#0%+,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+* 6-&)+ -& O+, "# % 4/ RFJ NLENFLKI

_ +, "# % RKNF V5

&+ 4;# 6, +""# % RFJ NLENFLKI

+%4+""(/" 4+" -# #+" 4;+86("##%6,(5+""# %0%+--+^/ %0 6,('+')' # %
," 6#&#(#+ &66,(6, #+ 4(# a', + 6(, '! +N
1+%# & 5 &#N=(' ! \$+, 4/ ,&j(%0%+* +% "(-&#+N@(# %0+, '(/'+ "(/ ,) +
4;# % # # % N
. ' () Q+, U / %0+ '+* 6! , & / , + %0+ 4! 6&" "&% 6&" J E \YVKLL \ON

I => " 1+) -, -1+3) :4+ 3, 1/T09* 3U; SO/17 <; -3) :8R*+, 4*22*3 -+ /17 <0, -5-2, 83

@#%+0) + " 6(" ! + " & / 8 +%, +6o' " + ') (% + %0+ / , "

b &0%# / -+, -+) (% + %&0% " & O+) "(#6(/ , ! O#+, -+ " 4(* * &\$+ " + ' -+ " 4! O+, "+* +% " N

:%4#&#%#%) (%0+, %&0% -+ " "() Q&\$+ " +%) (* * / %

1+%# U -!) &, ' 4;&# #+" 5(, ""^4+ ?&"+ " 5(, '+' + ' 4;&\$+% " (8] 4&0% " 6/ # " &0% ""^&5#%4;! O#+, 4+ " , ! & ' # % " +8(' 2+, * # / + " N

Y(%' # %0+ " 4;+% , +6(" &\$+ "

S# #+, -;+% , +6(" &\$+ 4+ " * & # , + " #5-&* * &2 -+ " & / 8 + %4, (# " &6 6, (/ Q " N@%, +6("+, -+ " ? (/ '+#+" U -;&2, #4+ -&) 2&+ / , N1+%# U -!) &, ' 4+ " 5&* * + " % / + " 4/ ? , n-+ / , ? / %' + % (/ 4+ -& 5 / , %&# + N > & 4+, -+ ") (% + %&0% " 2+, * ! ' # / + * + % 5+, * ! " Nc O#+, 4;+% , +6("+, 6, " 4+ " &# #+" + ' 4+ " "(-O&0% ") 2-(, ! " N1+* 6! , & / , + 4+ " "() Q&\$+ R W L \ Y V K G L \ 0 * # / N S + ") (% + %&0% " 6+ / O+ % a', + 4&0\$+, + / 8 - (, " 9 / ; # " (% O# + " N S + ") (% + %&0% " O# + ") (% # %0%0% 4+ " , ! " # / " N

I @? , -230, -1+V3W. -+02*V3W<0; , -/42X; *V3W

3'##&#%X'Z"6!) #0/ +X'Z

7 /) / %0+ #0, * & # % 4# 6(%0-+N

!" # \$ % & K (" 1+, ; Y 2*3) * 2*G<13-, -1+6<; 1, *, /, -1+ -+) -R-) 4*22*

K= L0; 07 X, ; *3) * / 1+, ; Y 2*

54, 0+1+*Z8, BOZ 8, BOZ / 8, 1+*

H2*7 09+*					
[02*4; 6 <<7	[02*4; 6 7 9-67 @	[02*4; \ -7 -, * LZD.1+)	A*7 0; E4*	M0, *) :87 -33-1+	14; / *
FLL	WLL	KXZ	pKZ pFZ	LKVLW	1e>. ILL

pKZRY(* * # " # % 4; + %0/ a' + " / , -+ " 4&0\$+, " 6(/ , -& " &0! 4+ ") (* 6(" ! ") 2# # / + " 4&0% -+ * # # / 4+ -&, +) 2+,) 2+N3%# % + / , (6! + %0% Nq = < eR () & h pFZR7> j r @ < R e < = q 3%, # 9 / + 4; + 5+ " ' ! , & (\$ ` %0+ " %0 4(# 6&) , & # 4, + - (, " 9 / + -& -# # + 4; + 86("# # % 6, (5+ ""# %0%+--+ '+' -& O&+ / , -# # + ? # - (\$ # / + % > j ZN

H2*7 09+*					
H2*7 09+*	L0; 07 X, ; *	F 0, 8; -04) :0+0 Z03*	M0, *) * <; 82X R*7 *+,) :8/B0+ , -221+3	M0, *) :87 -33-1+	14; / *
F * \$V-	F s / ' &0(%	3	?	LCVFLKC 0>	1e>. ILL

! 4; 1 < *					
[02*4; Q 21+9 , *, 7 * 6 7 967 @	[02*4; Q 21+9 , *, 7 * 6 <<7	[02*4; Q / 14; , *, 7 * 6 7 967 @	[02*4; Q / 14; , *, 7 * 6 <<7	M0, *) :87 -33-1+	14; / *
WLL	FLL	ILL	JLL	FLLLVI	:e@Y1:_@ FLLI VKWKV3@

MO+*7 0; T

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' c j I 6>J J P6" !
 !"#%&#%)(* * +,)#&-+ R . / ,+0# 12#0/0+,



&+ 4+ ,! O# # % RFJ NLENFLKI
 _ +, "# % RKNF V5

e+* 6-&)+ -&O+,"# % 4/ RFJ NLENFLKI
 &+ 4;# 6,+"# % RFJ NLENFLKI

[02*4; 6 <<7	[02*4; 6 7 9=67 @	&1,*+,	14;/*
CL	KGC	@	s+Q+%4'\$t,+-" + (* u % 4,#% 85?+Q+%4'\$t,+-" + (* \$,u %'+Ou,4#, 5, NNN

&1;RX9*			
[02*4; 6 <<7	[02*4; 6 7 9=67 @	14;/*	
DC	FFL	_+#+4%#%# (* &4* #/#',&#O+ % (, * +, 5, 5, / , + %' % #&, ? + # " & * (" 5u NNN	

4X) *					
[02*4; Q21+9 ,*,7 * 6 <<7	[02*4; Q21+9 ,*,7 * 6 7 967 @	[02*4; Q/14;, ,*,7 * 6 <<7	[02*4; Q/14;, ,*,7 * 6 7 967 @	M0,*) :87 -33-1+	14;/*
CL	KCL	J LL	I LL	FLKC	<v>:@ :.w7 >ex[. _xe @ f Y< y1>xe @ bf 1 53010z ef e@ :[>7e FLKKRE

]-+20+) *				
[02*4; Q/14;, ,*,7 * 6 <<7	[02*4; Q/14;, ,*,7 * 6 7 967 @	A*7 0;E4*	M0,*) :87 -33-1+	14;/*
KLL	J LL	=+&/	FLLC	<11= &,Q' FLKFC <7:17SS:.:w.:13[[@ 131 =:1f :. 33 @

L1219+*		
[02*4; Q21+9 ,*,7 * 6 7 967 @	[02*4; Q/14; ,*,7 * 6 7 967 @	14;/*
GCL	I LL	ef {=f e{7 { @ :@b: [:. 1e7 =e7Yv : =f S:1vw. =f S@{ [@KZd 4%#& KW)d+,ANN

H4,;-/B*								
M17 0-+*) * R02) -,8	[02*4; Q21+9 ,*,7 * 6 <<7	[02*4; Q21+9 ,*,7 * 6 7 967 @	[02*4; Q/14;, ,*,7 * 6 <<7	[02*4; Q/14;, ,*,7 * 6 7 967 @	M4;8*	];8E4*+/* <0; 8E4-<*	A831;5,-1+) * 2^8<-) *,7 * 6 3*+3-25- 30,*4;	14;/*
b 7w	KLL	FIC	FLL	CIL	J Lx #AZ	G8	<	.'(55#'+ Xb 7w j +, '+ / %4 1ew j +, '+ FLKFZ

4-33*							
[02*4; Q21+9 ,*,7 * 6 <<7	[02*4; Q21+9 ,*,7 * 6 7 96 7 @	[02*4; Q/14;, ,*,7 * 6 <<7	[02*4; Q/14;, ,*,7 * 6 7 96 7 @	&1,0,-1+3	#1G-/,-8 /;- ,-E4*	14;/*	
FLL	CIL	FLL	CIL	< s . . Y	. [_e.	.3_7 . / #"+ FLKD	

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' c j I 6>J J P6" !

!"#%&#%)(* * +,)#&-+ R . / , +0# 12#0/0t,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+* 6-&) + -&O, "# % 4/ RFJ NLENFLKI

_+, "# % RKNF V5

&+ 4;# 6, +""# % RFJ NLENFLKI

!, 0, 3 ? +-3 VH" _ \$' W			
[02*4; 27 -, * Q/14;, * , *, 7 *	[02*4;) * 21+94*) 4; 8*	a03*	14; /*
J LL 66*	FLL 66*	;, #&# # % ^Y[.	7Y> :< 12, +"2(-4 S# # _ & - / + " 5, Y2+* # & . / ? " ' & 0 + " FLLE

! 3<09+*					
[02*4; Q 21+9 , *, 7 * 6 <<7	[02*4; Q 21+9 , *, 7 * 6 7 967 @	[02*4; Q/14;, , , *, 7 * 6 <<7	[02*4; Q/14;, , , *, 7 * 6 7 967 @	&1, *+,	14; /*
FLL	WLL	J LL	I LL	_ Ss^ _ S:	S# # + " 4+ +86(" # # % 6, (5+ " # % & 6 &, & 7 \$ + % + " ~ / | * # ( " FLKG

]; 0+ / *								
[02*4; Q 21+9 , *, 7 * 6 <<7	[02*4; Q 21+9 , *, 7 * 6 7 967 @	[02*4; Q/14;, , , *, 7 * 6 <<7	[02*4; Q/14;, , , *, 7 * 6 7 967 @	A*7 0; E4*	# F L + b	] # + b	M0, *) :87 -33-1+	14; /*
FLL	WLL	J LL	I LL	e#9/ + 4+ 6! %d ', & # % 6+,) / ' & %d + N	EG	KG	FLLD	_ & + / , " - # * # + " 4; +8 6 (" # # % 6, (5+ " # %t-- + & / 8 & \$ + % ") 2# * # / + " + % NNN

a*29-E4*				
[02*4; Q 21+9 , *, 7 * 6 <<7	[02*4; Q 21+9 , *, 7 * 6 7 967 @	[02*4; Q/14;, , , *, 7 * 6 <<7	[02*4; Q/14;, , , *, 7 * 6 7 967 @	14; /*
FLL	WLL	J LL	I LL	S# ' + 4+ O&-+ / , " - # * # + " 4; +86 (" # # % 6, (5+ " # % %t-- + & / 8 & \$ + % " NNN

L00B a03			
[02*4; Q 21+9 , *, 7 * 6 7 96 7 @	[02*4; Q/14;, , , *, 7 * 6 7 967 @	A831; 5, -1+) * 2^8<-) *, 7 * 6 3*+3-25-30, *4;	14; /*
CIL	I LL	<	S# " ' * + ' A + ' ' + - # Q + \$, + % A & &, 4 + % FLKK

_ ; 0+) * a; *, 09+*					
[02*4; Q 21+9 , *, 7 * 6 <<7	[02*4; Q 21+9 , *, 7 * 6 7 967 @	[02*4; Q/14;, , , *, 7 * 6 <<7	[02*4; Q/14;, , , *, 7 * 6 7 967 @	A*7 0; E4*	14; /*
FLL	WLL	J LL	EII	=+ / ' a', + & 2" (, ?! 6&, -& 6+& / N	@< GLVFLLC j (, Q 6-&) + +86 (" / , + - # * # " XFLKKZ

A8<452E4* , / BXE4*			
[02*4; Q 21+9 , *, 7 * 6 7 96 7 @	[02*4; Q/14;, , , *, 7 * 6 7 967 @	&1, *+,	14; /*

] *4-22*) 1/47 *+,) * 38/4;- ,8 3*21+ ' c j I 6>J J P6" !
 !"#%&#%)(* * +,)#<+ R ./ ,+0# 12#0/0t,



&+ 4+ ,! O# # % RFJ NLENFLKI
 _ +, "# % RKNF V5

e+* 6-&)+ -&O+, "# % 4/ RFJ NLENFLKI
 &+ 4;# 6, +""# % RFJ NLENFLKI

WLL	ILL	:	[7e { @ _ S; v d+ 4%+ KFN6, (" #0) + FLLD Q+ ,] * "+ "" &0(O#6(4* %Q] () NNN
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\ :\$ 20+) *					
[02*4; Q21+9 , *, 7 * 6 <<7	[02*4; Q21+9 , *, 7 * 6 7 967 @	[02*4; Q/14; , , *, 7 * 6 <<7	[02*4; Q/14; , , *, 7 * 6 7 967 @	A*7 0; E4*	14; / *
FLL	WLL	JLL	ILL	. Q : f @ _	Y(4+ (5=, &) ' #+ 5, ' 2+ . & 5+] < + & ' 2 & % 4 j + - 5 & , + & ' j (, Q XFLKKZ

\ 1+9; - *					
[02*4; Q21+9 , *, 7 * 6 7 967 @	[02*4; Q/14; , , *, 7 * 6 7 967 @	&1, *+,	A*7 0; E4*	14; / *	
WLL	ILL	? ^ #	::NKN@K	FCVFLLLNXSNJ LNZ @' b . dY " b + \$] "' + " , + % 4 + - + ' & * / % Q 8 2 + -] + Q Q ! * # & # ? NNN	

! 3, 1+ - *					
[02*4; Q21+9 , *, 7 * 6 7 967 @	[02*4; Q21+9 , *, 7 * 6 <<7	[02*4; Q/14; , , *, 7 * 6 7 967 @	[02*4; Q/14; , , *, 7 * 6 <<7	14; / *	
WLL	FLL	ILL	JLL	1 ^a Q+ " QQ(%0& Q+ + * # - # ' + (2 / ' + \$ / , # + 6 # # % (, * # KKNKLNFLLD % FFJ X e 1 NNN	

21R8+ - *					
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WLL	FLL	ILL	JLL	[& # % & - f)) / 6 & # % & - @ 6 (" / , + S # # " b & ' & & FLL]	

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Y+" # ̄ 4# &' # %' , +6("+% " / , -+ % ̄ 0+ & / &) / + - 4+ % (") (%0&# # &0) + " + ' +86! , # %) + " NS& 5+ / #+ 4+ 4(%0/ + " 4+ " !) / , # ! 4!) , # -+ " 6 , (4/ # " 4/ 6(# ̄ 4+ O' + 4+ " +8# + %) + " 4+ " !) / , # ! NS+" # ̄ 4# &' # %' %+) (%' # / +% 6&" 4+ " 6 , (* + " " + " 4+ 6 , (6 , # ! " N