



Research Division of

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8; 9!102%10(/' !077(*%/?!f' 4%!0) 01. /!40=!\$06%!8; 9!102%/!2\$02!01!(') %1!2\$0+!2\$%! ' 2\$%1) */%!
077(*30H(%!' +X3047-!/102%?W+!2\$%/!30%/E!2\$%' +X3047-/. %/*, +05' +!'/!5((!0771' 71*02!0+. ! \$0/!+' !
1%(05' +!2' !2\$%!077(*30H(%!8; 9!102%?

@\X3047-!/!/0!/7' +/' 1%. !71' >%32!. %/*, +05' +!*+. *305+, !2\$%!, %+%10!(' 305' +:/<! ' &!2\$%!0356*2=!2\$02!
) *((! ' 33-1!*+!3' +. -35+, !2\$%!71' >%32!!@\X3047-!/+3(-. %!/ /703%!2\$02!2\$%!B+*6%1/*2=!. ' %/!+' 2!') +E!
0+. !+' !B+*6%1/*2=!%+52=!H%01/!0!(%0/%!3' /2!&' 1! ' 33-7=*+, !2\$%!/703%!8032' 1/!'+. *305+, !2\$02!0!/703%!*/!
1%4' 2%!*+3(-. %!/*, +*L30+2!7\$=/*30(!. */20+3%!&1' 4!@ABC/!40*+!3047-!/0+. !(' 30((=!%0/%. !H-(. *+, /!
0+. !'] 3%/! :H%=' +. !aP!4*(%/<!0+. !-/%!' &!/%70102%!:+' +XB+*6%1/*2=</%16*3%/!/-3\$0/!40*(E!2%(%7\$' +%E!
+%2) ' 1ME!0+. !' 2\$%1!/-77' 12!/%16*3%/?!@\X3047-!/(' 305' +/!! ''#\$''%+3(-. %!/703%!2\$02!*/0// ' 3*02%. !
) *2\$!@ABC/!40*+!3047-/E!\$, \$%1!

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