

!"#\$%&#'()*)+(

(

A

, B

(

, -. /01213145(%&./#(6172808.%\$#(8-'(431983(&.: '5(1;/ : 78-%.5<(=:3.:083(' %\$#0&%.5(8-'(./#(: -%\$#0&83&(/8.(%>(833(/ : 78-&(80#(/#(20%-6%283(;16:&(1;(8-. /0121314%683(0#̦/<((, -. /01213145(%&(8(/13%&.%6(' %&6%23%-#?(' %\$%' #' (%-.1(/#(;1331@%-4(&:9;%#3' &A(6:3.:083(8-. /01213145?(9%1314%683(8-. /01213145?(806/8#13145?(8-'(3%-4:%&.%6(8-. /01213145<((=1-.#7210805(8-. /01213145(%&(61-6#0-#' (@%././#(4#-#08.%1-(1;(98&%6(>-1@3#' 4#(8-'(./#(8223%68.%1-(1;(/8.(>-1@3#' 4#(1./#(: -' #0&.8-' %4(8-' (&13\$%-4(1;/ : 78-(2019#7 &<(B/#(CDE(, -. /01213145(F#280.7#-. (280.%6:38035(#72/8&%G#&(8223%68.%1-&(@/%3#(0#614-%G%-4(/8.(98&%6(8-' (8223%#'(0#̦/(8-' (.#86/%-4(80#(%-%#H.0%68935(3%># '<

(

B/#(7%&&%1-(1;(/#(' #280.7#-.(%&(.1# ' :68.#(&.: ' #-.&%(./#(8-. /0121314%683(2#0&2#6.%\$#&(8-' (./#0(0#3#%\$8-6#(1(8(39#083(80.#' :68.%1-(8-' (8(08-4#(1;(' %&6%23%-#&(8-' (680#0#&<((I-(10' #0(1(' 1(./8.?:86:3.5(80#(#H2#6.#' (1(78%-8%-(8(/%4/(3#%#3(1;%-\$13\$#7#-.(%-(98&%6(8-' (8223%#'(0#̦/(0#&:3.%-4(%-(201;#&&%1-83(2:9%68.%1-&?(20#&#-.8.%1-&?(8-' (638&&0117 (%-&.0:6.%1-<(I-' '%.1-(1(8(6177%.7#-.(1(J:83%.5(.#86/%-4?;86:3.5(80#(83&1(#H2#6.#' (1(#-484#(%-(6177 :-%.5(8-' (201;#&&%1-83(�\$%6#<

(

(

B/#(CDE(F#280.7#-.(1;(, -. /01213145(0#614-%G#&(/#(20%-6%23#&(1;(#J:%.5(1;(8&&%4-7#-.(? (0#&1:06#&?(8-' (12210.:-%.%#&(1;(;86:3.5(8601&&(8(7:3.%K6872:&(:-%\$#0&%.5<(B/#(F#280.7#-.(%&(6177%.#'(1(20171.%-4(8(' %\$#0&#(8-' (%-63:&%\$#(6177 :-%.5(1;(&.: ' #-.&?(&.8;?;86:3.5?(8-' (83:7-%(./8./1-10&(' %;#0#-6#&?(201\$%' #&(#J:83(12210.:-%.5?;1&.#0&(7 :.:83(0#&2#6.?6/833#-4#&(&.#0#1.52#'(20#61-6#2.%1-&?(8-' (61-' #7-&(833;107&(1;(' %&60%7%-8.%1-(8-' (20#L:' %6#<(M#(0#&2#6.(8-' (8220#6)8.#(/#(' %\$#0&%.5(1;(/ : 78-(#H2#0#%-6#(' %;#0#-%.8.#'(95(6:3.:0#(8-' (6%06:7&.8-6#?(%-63:' %-4(/1&#(' %&.%-4:%&/#'(95(086#?(/#-/%6%.5?(8-6#&.05?(-8.%1-83%.5?(6%G#-&/%2?(38-4:84#?(84#?(4#-' #0?(&#H:83%.5?(' %&89%3%.5?;87%35(&.8.:&?(&16%1#61-17%6(986>401:-' ?(213%.%683(9#3#%;&?(8-' (0#3%4%1-<(B/#&#(610#(20%-6%23#&(6172#3(:&(1(78>#(#\$#05(#;10.(1(0#60:%.(8-' (0#8%-(7#79#0&(1;(/%&.10%68335(#H63:' #' (401:2&(/8.(80#(:-' #00#20#&#-.' #'(1:0(' %&6%23%-#?%(1:0(:-%\$

(

B/#(=/8%0(%&./#(6/%#;(H#6:.\$#(1;;%6#0(1;./#(' #280.7#-.(8- '(%&'%0#6.35(0#&21 -&%93#(.1./#(F#8-(

B/#(=/8%0(%&(8&1(#\$83:8.#'(8--:8335(95(./#(F#8-(1;./#(=133#4#N(./%&(0#\$%#@(%&(%-'#2#-'#-.(
;017(./#(%-.#0-83(' #280.7#-.83(#\$83:8.%1-<((
(

(

./#(7 1&.&#-%10(08->%-4(%- '%\$%': 83(;01 7 (87 1-4(61-.-: % -4(E , =(7 # 7 9#0&<(B / # (20#\$%1 : &(6 / 8%0(%&-1.(#3%4%93#(.1(�\$#(8&(6 / 8%0?#H6#2.(% - (- : - & : 83(6%06 : 7 &.8-6#&<

(
(I-(5#80&(@ / #0#(.# - : 0#(8- ' T10(201 7 1.%1-(68&#&(80#(0#\$%#@# '?(. / # (E , =(/ 8%0(: & : 8335(�\$#&(8&(. / # (= / 8%0(1;(. / # (B# - : 0#(8- ' (O01 7 1.%1-(E86 : 3.5(" # \$%#@ (= 1 7 7%..##(!&##(9#31@ (;10(8(' #&60%2.%1-(1;(. / %&(61 7 7%..##<(B / # (E , =(6110' % - 8.#&(. / # (2016#&& ; 10(#\$83 : 8.%1-(1;(. # - : 0#(8- ' (201 7 1.%1-(68- ' % ' 8.#&(8- ' (. / # (7%' K.# - : 0#(0#\$%#@?(83. / 1 : 4 / (#\$83 : 8.%1-(%&(2#0;107 # ' (95(. / # (# - .%0#(.# - : 0# ' (; 86 : 3.5(!&##(2016# ' : 0#&(% - (SIII(9#31@+<(((

((

(
(B / # (\ = (%&(8&.8- '%-4(61 7 7%..##(61 7 21&# ' (1; ; 1 : 0(8221% - .# ' (; : 33K.% 7 # (; 86 : 3.5(!@ / 1 &# (' : .##&(80#(8.(3#8&(Q * R (@% . / % - (. / # (' #280. 7 # - .+?(% - 63 : '% - 4(. / # (408 ' : 8.# (' %0#6.10(9 : . (#H63 : '% - 4(. / # (' #280. 7 # - .(6 / 8%0<([] # 7 9#0&(1;(. / # (\ = (7 85(9#(.# - : 0# ' T.# - : 0#(#80 - % - 4(; 86 : 3.5(10(2#0 7 8-#- .(% - &.0 : 6.10&<(E86 : 3.5(1-(&8998.%683?(-1-K ' #280. 7 # - .83(; : 33K.% 7 # (8 ' 7 % - % .08.%\$#(8221% - . 7 # - .&?(10(8-5(1. / #0(3#8\$#!@ / # . / #0(; 10(1-#(&# 7 #&. #0(1;(. / # (; : 33(5#80+?(7 85(-1.�\$#(1-(. / # (\ = (' : 0% - 4(. / # (868 ' # 7 % 6(5#80(1;(. / #0(3#8\$#<((
(
(\ = (7 # 7 9#0&(@%33(�\$#(.@1K5#80(.#0 7 &?(&.844#0# ' (&(1. / 8.(. @ 1(7 # 7 9#0&(@%33(01.8.#(1; ;(. / # (61 7 7%..##(#86 / (5#80<((
(
(, ; #0(8(; 86 : 3.5(7 # 7 9#0) &(.#0 7 (%&(61 7 23#.# ' ?(. / #5(80#(-1.(#3%4%93#(.1(�\$#(848% - (- : .%3(1-#(868 ' # 7 % 6(5#80 / 8&(28&#&# '<

=9(9 ; 6" <% (

(
B / # (\ = (%&(6 / 804# ' (@% . / (0#\$%#@% - 4(. / # (408 ' : 8.#(6 : 00%6 : 3 : 7?(20121&% - 4(6 : 00%6 : 3 : 7(6 / 8-4#&?(0#\$%#@% - 4(8- ' (: 2' 8.% - 4(408 ' : 8.#(201408 7 (1 : .61 7 # (8&&#&& 7 # - .(7 # 8& : 0#&?(8- ' (0#\$%#@% - 4(8223%68.%1-& ; 10(' #280. 7 # - .83(408 ' : 8.#(&. : ' # - .(8@80' &<

=9(9 ; 6-" (

(
B / # (\ 08 ' : 8.#(F%0#6.10(%&(. / # (= / 8%0(1;(. / # (\ = (8- ' (%&(0#&21- &%93#(; 10(. / # (8 ' 7 % - % .08.%1-(1;(. / # (86.%\$%#&(1;(. / # (\ = <(B / # (% - ' %\$% ' : 83(% - (. / %&(21&%%1-(61- & : 3.&(@% . / (. / # (= / 8%0(8&(0#J : %0# ' <(B / # (20% 7 805(0#&21- &%9%3%.5(%&(1(% - & : 0#(. / 8.(. / # (408 ' : 8.#(201408 7 (%&(2#0%1 ' %68335(0#\$%#@# ' (8- ' (. / 8.(

(
(C=(7#79#0&(@%33(�\$#(.@1K5#80(.#07?(&.844#0#'(&1(/8.(.@1(7#79#0&(@%33(01.8.#(1;;(
./#(6177%..##(#86/(5#80<(
(
(,;#0(8;86:3.5(7#79#0\&(.#07(%&(61723#.#'?(./#5(80#(-1.(#3%4%93#(.1(�\$#(848%-(:-.%3(1-#(
868'#7%6(5#80(/8&(28&&#'
>9(

9?(9;6-"

(
B/#(=/8%0(1;./#(=FI(@%33(9#(8221%-.#'(95(./#(F#280.7#-.(=/8%0<(B/%&(%-'%\$%' :83%-(./%&
21&%%1-(61-&:3.&(@%././#(=/8%0(8&(0#J:%0# '<(B/#(20%7805(0#&21-&%9%3.5(%&.(1(1;#0(
&:44#&%1-&(8-'('\$#312(20121&8&(;10(;:0./#0%-4(./#(' #280.7#-. \&(6177%.7#-.(.1(;86:3.5?(
&.:.1(1;#0(

8661: -.('#280.7#-.83(4183&?(-#@(' %0#6.%1-&?(8-' (%77#'%8.#(-##' &<
(
(P-6#(83%-#(&(82201\$# '?./#(F#280.7#-.(=/8%0;107&(8(D#806/(=177%..##(1;(8.(3#8&.(
;1:0(;86:3.5(7#79#0&(8-' (1-#(408':.8#(&.: '#-.(;017(@%./%-(./#('#280.7#-.(, ;86:3.5(
7#79#0(;017(1:.&% '#./#('#280.7#-.(785(9#(%-63: '#'(8&(8220120%8.#<" #4%1-83(
=/8-6#3310&(10./#%0(' #&%4-##(@%33(�\$#(8&(8(\$1.%-4(7#79#0(1-(833(̦/(6177%..##&(;10(
;86:3.5(/%0-4(1-(908-6/(6872:&##&<
(
(B/#(=/8%0(8221%-.&(1-#(1;./#(%-.#0-83(7#79#0&(8&(=177%..##(=/8%0?(8-' (' #&%4-8.#&(8(
&8;(;7#79#0(.1&:2210.(./#(6177%..##<
(
(B/#(D#806/(=177%..##(7##.&(.1(@0%#./#(L19(' #&60%2.%1-(8-' (6%06:38.#&./%&(.1./#(
' #280.7#-.(;10(%-2:.(8-' (21&&%93#(0#%&%1-<(B/#(F#280.7#-.(6/8%0(@%33(0#&13\$#(8-5(
'%;#0#-6#&(1;(12%-%1-(8-' (82201\$#&./#(' #&60%2.%1-<
(
(B/#(D#806/(=177%..##(&60##-&(8223%68.%1-&(8-' (%&(0#&21-&%93#(;10(' #\$\$\$12%-4(8(;0&.(3%&.(
1;(68-' %' 8.#&<(B/#(6177%..##(785(6/11&#(.1(61-' :6.(20#3%7%-805(%-.#0\$#&@&(95(2/1-#(10(
1./#0(\$%0.:83(7#8-&(.1(-8001@./#(3%&.<(B/#(6177%..##(./#-' #\$\$\$12&(8&/10.(3%&.(1;(68-'
' %' 8.#&(.1(9#(%-\$%# '(;10(8-(1-K6872:&(%-.#0\$#&@&<((
(
(B/#(D#806/(=177%..##(=/8%0(%&(0#&21-&%93#(;10(1048-%G%-4./#(%-.#0\$#&@&(6/#' :3#&<
=8-' %' 8.#&@%33(78>#(8.(3#8&.(1-#(2:9%6(20#&#-.8.%1-(8-' (833(;86:3.5(7#79#0&(@%33(9#(
4%\$#-(8-(12210.:-%.5.1(7##.(@%././#(68-' %' 8.#&<((
(
(B/#(D#806/(=177%..##(@%33(7##.(8;#0(833(#6.#' (68-' %' 8.#&(/8\$#(9##-(%-.#0\$#&@&# '(
8-' (78>#(8(;10783(0#6177#-' 8.%1-(.1./#(F#280.7#-.(=/8%0(8-' ;86:3.5(7#79#0&(1-
./#(866#2.89%3%.5(8-' (08->%-4(1;(68-' %' 8.#&<((
(
(,&(&11-(8&(21&&%93#?(8(' #280.7#-.(7##.%-4(%&(6833#'? (8-' (./#(0#6177#-' 8.%1-&(80#(
' %&:&&# '<(B/#(F#280.7#-.(@%33(\$1.#(1-(@/#./#0(.1(866#2.(./#(0#6177#-' 8.%1-(1;./#(
6177%..##N(1-35(7#79#0&(@/1/8\$#(/#80' (8-' (280.%628.#' (%-(./%&' %&:&&1-(80#(#3%4%93#(
.1(\$1.#<(S1.#(@%33(9#(95(<#.?(@0%#-(98331.<(
(
(l;./#(' #280.7#-.(866#2.&./#(6177%..##%/(0#6177#-' 8.%1-?(./#(0#&:3.(%&(20#&#-.' (1(
./#(=/8%0<l;./#(' #280.7#-.('1#&(-1.866#2.(./#(0#6177#-' 8.%1-? (;0./#0(' %&:&&1-(8-' (
\$1.%-4(@%33(.8>#(2386#%-(10' #0(.1(' #.#07%-#./#(866#2.89%3%.5(8-' (08->%-4(1;./#(
68-' %' 8.#&<(
(
(B/#(=/8%0(@%33(78>#./#(%-83(0#6177#-' 8.%1-?(8-' (@%33(20#&#-./%&(.1./#(=133#4#(F#8-<
(
(

E017(.%7#(1(.%7#?(12210.:-%%#&(785(80%&#(.1(8221%-.;86:3.5(7#79#0&(%-(&2#6%83(6%06:7&8-6#&<
B/#&#(7%4/.(%-63: '#(&21:&83(10(280.-#0(/%0#&?((.08-�&(;017(1./#0(' #280.7#-.&?(8221%-7#-.&
0#38.#' (1(' %\$#0&%5(%-%.8.%\$#&?(10(&7%380< , -5(&6/(8221%-7#-.&(7:&.(9#(61-&' #0#'(95(./#(
0#4:380(\$1.%-4(;86:3.5(!.%1-(III(891\$#+(8-' (-1(&6/(8221%-7#-.(785(9#(78'#(@%./1:.(8(
21&%.\$#(78L10%.5(\$1.#<((

(
(

(
E86:3.5(7#79#0&(80#(#\$8):8.#'(8--:835(1-(./#(98&%&(1;./#0(8&&%4-7#-(1;(' :.%#&%(./#(./0##(
80#8&(1;(.#86/%-4?(0#̦/(8-'(�\$%6#<(B/1&#(8&&%4-7#-.&(0#;3#6.(./#(08->(1;./#(;86:3.5(
7#79#0(8-'(./#(-##' &(1;./#(' #280.7#-.<(, 33(;86:3.5(&/1:3'(68005(8(0#̦/(8&&%4-7#-(1;(aQK
) *R?(@%./(710#(;10(:-.#-:0#';86:3.5(!@/1(&/1:3'(/8\$#(8(31@#0(�\$%6#(318'+<(B/#(8&&%4-7#-.(
;10(�\$%6#(&/1:3'(9#(-1(710#(/8-(a* R?(@%./(.#86/%-4(9#%-4(./#(78L10(210.%1-(1;./#(;86:3.5\&
8&&%4-7#-.<(, 6610'%-4(1./#(61-.086.(./#(;86:3.5(@10>@##>(%&(b*(/1:0&<((
(
, .(./#(.%7#(1;(8&&%4-7#-.(./#(2#06#-.84#(' %&.0%9: .%1-(871-4(68.#410%#&(8&&%4-#'(%&(/1@-(%-(
./#(, &&%4-#'(E86:3.5(F:.%#&(!, EF+(613:7-(1;./#(, EFTE, "(;107?(@/%6/(%&(61723#.#'(1-3%-#(
./01:4/(./#(E86:3.5(I-;1078.%1-(D5&.#7(!EID+<(B/#(!E86:3.5(, 6.%\$.5(" #210.(IE, "+(613:7-(%&./#(

E86:3.5(7#79#0&/8\$#(/#(12210.:-%.5(1(0#&21-'(1(/#/#\$83:8.%1-(%-(./#(8220120%8.#(
&286#%-(./#(E,l"(0#210.<
(
(E86:3.5(7#79#0&(@/1(;##3(/#5(80#%-(&%.:8.%1-&(1;(%-#J:%.5(80#(#-61:084#'(1(6833(/#(
E,=%&(8..#-.%1-(1(/#%0(&%.:8.%1-<((
(
(l;(8(;86:3.5(7#79#0('1#&(-1.&:97%.(8(0#210.(1;(/#%0(86.%\$%.%#&?(/#(E,=(8-'(=/8%0(@%33(
78>#(8(-1.8.%1-(1-(./#(EID&5&.#7(.1(/8.(#;#6.<
(

([]#0%.(285?(@/#-(8\$8%3893#?(%&(' %&.0%9:.#'(86610'%-4(1;107:38#(/8.(80#(' #.#07%-#' (95(
./#(C-%.#'(E86:3.5(1;(
(

(I-(8' '%1-(.1./#&#(2016#&&#&?(8(;86:3.5(7#79#0(68-(;%3#(8(40%#\$8-6#(@%./#(C-%.#'(E86:3.5(1;(E310%'8(!CEE+(8.(8-5(%7#%;./#5;##3(./#(=133#6.%\$#(_8048%-4(,40##7#-.(!=_,+/8&9##-(\$138.#'<((
(
(

I./8&(9#617#(%-60#8&%-435(61771-(;10(.@1&21: &#&(10('17#&.%6(280.-#0&(1(9#(7#79#0&(1;(868'#7%6(' #280.7#-.&<(B1(8\$1%'(8-5(J: #&.%1-&(1;(21.#-.%83(10(2#06#%\$#' (61-;3%6.(1;(%-.#0#&.(./#(' #280.7#-./8&(#&.89%&/#'(./#;1331@%-4(4: '% #3-#&?(9#80%-4%-(7%- '(./#(-##'(1(78%-8%-(8-'(&:2210.(./#(868'#7%6(8:.1-175(1;(833(%- '%\$' :83&A(
(

(D21: &#&T' 17#&.%6(280.-#0&(&/1:3'(-1.�\$#(1-(./#(E, =(8.(./#&87#(%7#<(D21: &#&T' 17#&.%6(280.-#0&(785(�\$#(1-(8-5(1./#0(6177%..##(8.(./#&87#(%7#(!#<4<(&.: '#-(6177%..##&?(̦/(6177%..##&?(1./#0(' #280.7#-(6177%..##&+<(
(

(I-(86610'8-6#(@%./#(CDE(213%6%#&(1-(-#21.%&7?(%&(-1.(8220120%8.#(;10(1-#(&21: &#(1(�\$#(8&(=/8%0(8-'(./#(1./#0(8&(, &&16%8.#(=/8%0?(\ 08' :8.#(F%0#6.10?(10(1./#0(&%4-%;%68-.(' #280.7#-.83(8'7%-%&.08.%\$#(21&%1-&<[1@#%\$#0?(&21: &#&T' 17#&.%6(280.-#0&(785(�\$#(

(
(
(

B/%&' 16: 7#-.%&(&:9L#6.(.1(8--:83(0#\$%#@ (95./#(;86:3.5(1;(./#(' #280.7#-. (8.(./#(9#4%- --4(1;(
#86/(868' #7%6(5#80<

(
M/%#(./#.#-:0#(8-'(20171.%1-(2016#&&(%(8(&:778.%\$#(8&&#&&7#-.(1;(&:9&.8-.%\$#(
61-.0%9:.%1-&(8.(./#(680##0(3#\$#3?(8--:83(#\$83:8.%1-(%&(8&683#'(08.%-4(1;(#;;10.(!86.%\$%.%#&T@10>(
2#0;107#'?(%-63:'%-4(201#6.&(%-(20140#&&(8-'(61723#.#'+(%-(8&&4-#-'(':%#&(%-(8&%-43#(5#80<
_#68:&#(8&&4-#-'(':%#&(80#(.52%68335(%-(./#(68.#410#&(1;(.#86/%-4?0#̦/?(8-'(�\$%6#?(./#(
8--:83(#\$83:8.%1-(2016#&&(%(0#38.#'(.1(./#.#-:0#(8-'(20171.%1-(2016#&&?9:.(./#%0(2:021&#(%&(
'%;#0#-.(!&##(.893#(9#31@+<,&(&:6/?(8--:83(#\$83:8.%1-&(68-(9#(:&#'(1(201\$%'#(##'986>(1-(
8-'(48:4#(20140#&&(.1@80'(.#-:0#(8-'T10(20171.%1-(%-(8(4\$#-(5#80?9:.(./#(6:7:38.%\$#(0#&:3.&(
1;(8--:83(#\$83:8.%1-('1(-1.(4:808-##(.#-:0#(10(20171.%1-<(E10(;86:3.5(7#79#0&(@10>%-4(
.1@80'&(.#-:0#(8-'(20171.%1-?(8&.8.#7#-.(1;(20140#&&(%&(%-63:'#'%-(./#(8--:83(#\$83:8.%1-<(
[1@#\$#0?(9#68:&#(8--:83(#\$83:8.%1-(%&(8૸.#(2016#&&?./1&#(%-'%'\$':83&(&/1:3'(0#;#0(.1./#(

31-4K.#07(&6/138035?(8223#?'(8-'(60#8.%\$#(86.%\$%#&(61:3'(9#(%-63:'#'(./#(8--:83(-8008.%\$#<((
l-(./#('&6%23%-#(1;(8-. /01213145?(%&(%7210.8-.(1(-1.#(. /8.(./#(78L10%5(1;0#̦/(201L#6.&(80#(
31-4K.#07(6177%.7#-.&(95(. /#(;86:3.5(7#79#0(0#J:%0-4(710#(. /8-(1-#(5#80(.1(61723#.#<(
B/#0#;10#?(./#(#;;10.(%-\$13\$#'(%&(8-(%7210.8-.(;86.10(@/#-(#\$83:8.%-4(#86/(;86:3.5(7#79#0(;10(8(
4%\$#-(5#80<(P./#0(61-.0%9:.-%4(;86.10&(/1:3'(9#(61-&'#0#?'(%-63:'%-4(@/#./#0(. /#(;86:3.5(
7#79#0(/8&(9##-(-#-484#'(8(61-&'#0893#(871:-.(1;(�\$%6#!#<4?(8'7%-%&.08.%\$#(' :.%#&?(
#'%-4(8(L1:0-83?(1048-%G%-4(8(61-;#0#-6#?(6/8%0-4(8(/%4/K201;%3#(' #280.7#-.(:-%\$#0&%5?(10(
-8.%1-83(10(%-.#0-8.%1-83(6177%..##+(10(.#86/%-4(!#<4<(6/8%0-4(8(/%4/(-:79#0(1;(408':8.#(
&.: '#-.&+<(B/#0#;10#?%;(. /#(;86:3.5(7#79#0(/8&(61-&%&#-.35(&/1@-(&%4-%;%68-.(#;;10.(./01:4/(
./#%0(680##0?./#5(&/1:3'(-1.9#(2#-83%G#(' :#.(1(@10>%-4(1-(8(31-4K.#07(201L#6.(10(#-484#'(8(
/%4/#0K./8-K-10783(.#86/%-4(8-'(�\$%6#(6177%.7#-.(;10(. /#(5#80(9#-4(#\$83:8.#'<(U86/(;86:3.5(
7#79#0(&/1:3'(#H238%-(./#(0#3#\$8-6#.(1./#%0(1#\$#0833(2#0;1078-6#<(l-(8' '%.1-?%;(&%4-%;%68-.(

(\ 08-. (8' 7%-&.08.%1-(8-' (408-.K0#38.#' (0#̦/(86.%\$%.%#&(!#<4<?%-&.0: 7#-.(
'#\$#3127#-.' (8.8(6133#6.%1-?' (8.8(8-835&%&(8-' (%-.#020#.8.%1-+(
(O1&.K408-. (86.%\$%.%#&(!#<4<?(0#210.%-4+(
(O0#2808.%1-?(&: 97%&&%1-?(10(2: 93%68.%1-(1;(1-#(10(7 10#(3#&�(% 7 286.(80.%63#&(10(
911>(6/82.#0&?(8&(' #.#07%-#' (95?;(10(#H8 7 23#?(/#(J: 83%.5(1;(/#(1: .3#.!&+?(/#(
%-;3: #-6#(1;(/#(2: 93%68.%1-!&+(1-./#(;#3' ?(&.8-' 80' &(1;(/#(' %&6%23-#? (#.6<
(O0#2808.%1-?(&: 97%&&%1-?(10(2: 93%68.%1-(1;(8(3#&�(% 7 286.(911>?(8&(' #.#07%-#' (
95?;(10(#H8 7 23#?(/#(J: 83%.5(1;(/#(1: .3#.!&+?(/#(%-;3: #-6#(1;(/#(2: 93%68.%1-!&+(1-(
./#(;#3' ?(&.8-' 80' &(1;(/#(' %&6%23-#? (#.6<
(O0#2808.%

(] #- .10&/%2(1;(: - '#0408' : 8.#(8- 'T10(408' : 8.#(&.: '#- .&(. /01 : 4/(&%4- %; %68- .(7 %3#&.1 - #&?(<4? (408' : 8.%1 - ?(#723157#- .?(8&(8 '\$%&10T6/8%0((=1 - .0%9 : %1 - &(1(. /#(% - .#3#6. : 83(' #\$\$3127#- .(1; (&.: '#- .&(. /01 : 4/(0#\$%#@T;## '986>(1 - (: - '#0408' : 8.#(10(408' : 8.#(. /#&#&(10(' %&�.8.%1 - &((D.: '#- .(\$83 : 8.%1 - &(1; (. #86/% - 4(8.(10(891\$#(. /#(' #280.7#- .(10(6133#4#(8\$#084#(8- 'T10(&.: '#- .(6177#- .&(% - '%68.%\$(1; (% - &.0 : 6.10(#; ;#6.%\$# - #&&(((00#2808.%1 - ?(& : 97%&&%1 - ?(10(2 : 93%68.%1 - (1; (911>&?(80.%63#&?(10(911>(6/82.#0&(0#38.#' (.1(. #86/% - 4(

