! "#$%&$'() *+() ,)) (
- $$./01(2/.3(.3$(4'$5/6$0.(0".$5(
(
7/8(9: ; - <(
=0(8..$0680>$?(

ZF$5./"0?(
Q8#$(B"F(>"05/6$'$6(QS(."(&$(8(>8&/0$.(A$#$A(P"5/./"0\(
(
;052$'?(
=.R5(2"'.3(>"05/6$'/01X(Q85(>38AA$01$5X((IP$0(."(.3/5(>"0#$'58./"0(>"0./0F/01X(93$'$R5(0".(8(>A$8'(8052$'X(
=(F06$'5.806(.3$(>"0>$'05(806(2/AA(>"0./0F$(."(A""H(N"'(8052$'5(."(.3/5X(
(
G"%%$0.5?(
L$(386(.3/5(>"0#$'58./"0(8.(.3$($06("N(A85.(5$%$5.$'X((;74(7$..$'(58/6(.38.(8.('"F13AB(38AN(.3$(
/05./.F./"05(QS('$P"'.5(."(.3$(4'$5/6$0.(806(.3$(".3$'(38AN(."(8(74X(L"FA6(A/H$(."(5$$(5"%$(8>./"0(5/0>$(
.3/5(285(&'"F13.(FP(A85.(;P'/AX(L38.(>80(2$(6"(."(3$AP(%"#$(.3$(>"0#$'58./"0(8A"01\(
(
;052$'?(

(
G"%%$0.?(
L$(38#$(."(&$(#$'B(>"0>$'0$6(8&"F.(8PP$8'80>$5+(0".(JF5.(3"2(.3/015(8'$X((93$B(53"FA6(8A/10(."(&F/A6(
.'F5.X((
(
M$(85("P$0(85(P"55/&A$(806(P'"#/6$(/0N"'%8./"0(85(8PP'"P'/8.$X((=0.$0.(/5(."(P'"#/6$(5FNN/>/$0.(
.'805P8'$0>B(5"(.38.($#$'B"0$(N$$A5(.38.($#$'B.3/01(/5(6"0$("0(.3$(FPD806DFPX(L$(.'B(."(A$8'0(N'"%(
%/5.8H$5(806(0".('$P$8.(.3$%(38&/.F8AABX(
(
ZF$5./"0?(
L3"(.""H(<.$#$0(CAA'R5(P"5/./"0\(
(
;0525$'?(
K'80H(9/..A$+(3$(/5(P$'%80$0.X(
(
ZF$5./"0?(

;052$'?(
4'$5/6$0.(IA638%(/5(5$'#/01(/0(.38.(>8P8>/.B(5/0>$(T'X(4/0H$'.(/5(8(>"05FA.80.X((Q$(385(0".(N8/A$6(."(1$.(
80B("F.(/0(./%$X((
(
ZF$5./"0?(
<.8.F5("N(QS(58A8'B(5.F6B\(
(
;052$'?(
</]$("N(.3$(P'"J$>.('$YF/'$6(80(SK4X((S$>$/#$6([(&/6(806(/.R5(F06$'(5.F6B(."(5$$(/N(.3$B(8'$(>8P8&A$(."(6"(
.3$(2"'H(85('$YF$5.$6X((9/%$A/0$(6P065("0(3"2(5""0(2$(>80(/6$0./NB(8(5F/.8&A$(>"0.'8>."'(."(>"06F>.(
.3$(5.F6BX((=R#$(&$$0(."A6(/.(2/AA(.8H$(8&"F.(f(%"0.35("0>$(.3$B(1$.(5.8'.$6X(
(
ZF$5./"0?(
Q85(.3$(5.8.$(6/'$>.$6(99O(."(53"'$(FP('$5$'#$(NF065(&$>8F5$(.3$B(2$'$(A"2\(G

(
G"%%$0.?(
S$5."'$(>"0N/6$0>$(2/.3(.'805P8'$0>B(806(>"%%F0/>8./"0X(=.$%5(.38.(A$6(F5(."(23$'$(2$(8'$(0"2(>"FA6(
&$(6$8A.(2/.3(&B('$5.'F>.F'$("'(>3801$5(."(P'">$6F'$5(/0(.3$(28B(2$(6"(.3$(&F61$.(>"%%/..$$X(=05.$86(
"N(%$$./01(5"(5$A6"%+(%8B&$(5F&>"%%/..$$5(%$$.(%"'$("N.$0X(
(
;052$'?(
E""H/01(/0."(8AA(.38.(806(2/AA(&$(38PPB(."(538'$(.38.(2/.3(K8>FA.B(<$08.$(23$0(=(38#$(%"'$(.3"F13.(PF.(
/0."(/.X(<$$(/N(.38.(5.'F>.F'$(%8H$5(5$05$(."(5$08.$X(

PA80+(B"F(>80('$AB("0(.38.(23$0(6$>/5/"05(38#$(."(&$(%86$(YF/>HABX(;PP$8'5(."(&$(80(86(3">(6$>/5/"0(
806(.38.(>"0>$'05(%$X(
(
(
;052$'?(
93$'$(285(8(P'8>./>$(/0(PA8>$X(:#$'B(B$8'+(QS(.8H$(8(A""H(8.($YF/.B(/55F$5("0(>8%PF5X((<"%$('$YF/'$6(
A$18AABX(=N($YF/.B(/5(&85$6("0('8>$("'(1$06$'+(2$(8'$("&A/18.$6(."(>"''$>.(.3"5$X(!".(5"%$.3/01(2$(
PF&A/>/]$X(L85(8(5.806/01(P'8>./>$(."(A""H(8.($YF/.BX(M85$6("0('$>$0.(%8'H$.(>"06/./"05+(386(."(6$#/8.$(
."(3/'$(5"%$(#8>80.(P"5/./"05("F.5/6$(.3$(0"'%8A(58A8'B('801$+(23/>3(.'/11$'$6(QS(."(A""H(8.(>"%P8'8&A$(
P"5/./"05("0(>8%PF5X(!".(6"0$(P$'N$>.ABX(!".(.'805P8'$0.(/0(.38.(5$05$X(L85(8(P'8>./>$(.38.(285(
>"05/5.$0.("#$'(.3$(B$8'5X(93/5(285(JF5.(NF'.3$'(806(6$$P$'(.380(%"5.(8'$(>"%N"'.8&A$(2/.3X(!".(
6/581'$$/01(2/.3(>"0>$'05(N8>FA.B(5$08.$(385($@P'$55$6('$18'6/01(.3/5X(93$'$(2850R.(80("#$'.($NN"'.(."(
>/'>F%#$0.(80B.3/01+(/.R5(5"%$.3/01(2$(2$'$0R.(P'$P8'$6(N"'+(."(.3$(P"/0.("N(38#/01(8(PA80X(-8J"'(
'$85"0(."(38#$(.3$(58A8'B(5.F6B(/5(5"(2$(2/AA(38#$(8(PA80(/0(PA8>$X(L/.3(N/080>/8A("PP"'.F0/.B(2$(>80(
866'$55(.3"5$(.3/015("0(8(P'/"'/.B(&85/5X(
(
ZF$5./"0?(
L/.3('$18'6(."('8/5$5k/5(.3$'$(80B(28B(.38.(/.(>"FA6(&$('F0(FP(.3$(NA81P"A$(2/.3(.3$(&"8'6+(8A"01(.3$(
A/0$5("N(6"/01(80(808AB5/5(^(.3$(.".8A(8%"F0.("N(%$'/.(N"'(5.8NN(N"'(A85.(V(B$8'5(806(A""H(8.(.38.(."8A(
8AA">8./"0(8%"F0.(806(P'$5$0.(/.(."(.3$(&"8'6(^(A"2(%"'8A$(8%"01(5.8NN(^(5"(/05.$86(%$'/.(&85$6(08.F'$+(
58%$(800F8A(8%"F0.(."28'6(GIE;X((G"FA6(&""5.(%"'8A$(N"'(5.8NN+(2"FA6(0".(6$NB(238.(.3$(&"8'6(385(
5F11$5.$6X(
(
;052$'?(
M"8'6(385(6/5>F55$6(86JF5./01+(2/.3/0(.3$(>F''$0.(%$'/.(5B5.$%X(I0>$(/0N"'%$6(&B(.3$(58A8'B(5.F6B+(
23$'$(2$(8'$('$A8.$6(."(%8'H$.(>"%P$././#$0$55+(=(2"FA6($0.$'.8/0(3"2(2$(>80(P'/"'/.]$(5"%$(8'$85(

=.R5(&$$0(8(P'"6F>./#$(806(>"AA8&"'8./#$(%$$./01X(L $(#$'B(%F>3(#8AF$(806('$5P$>.($#$'B"0$R5(."0$X((
:#$'B"0$(J"/0(F5(N"'(E/13./01(.3$(ZF86(."%"'"2($#$0/01X(9380H(B"F(5"(%F>3X((
(
- $$./01(86J"F'0$6(8.(W?,WP%X(
(
S$5P$>.NFAAB(5F&%/..$6(&B(G3'/5.B(C/AA%80(
(