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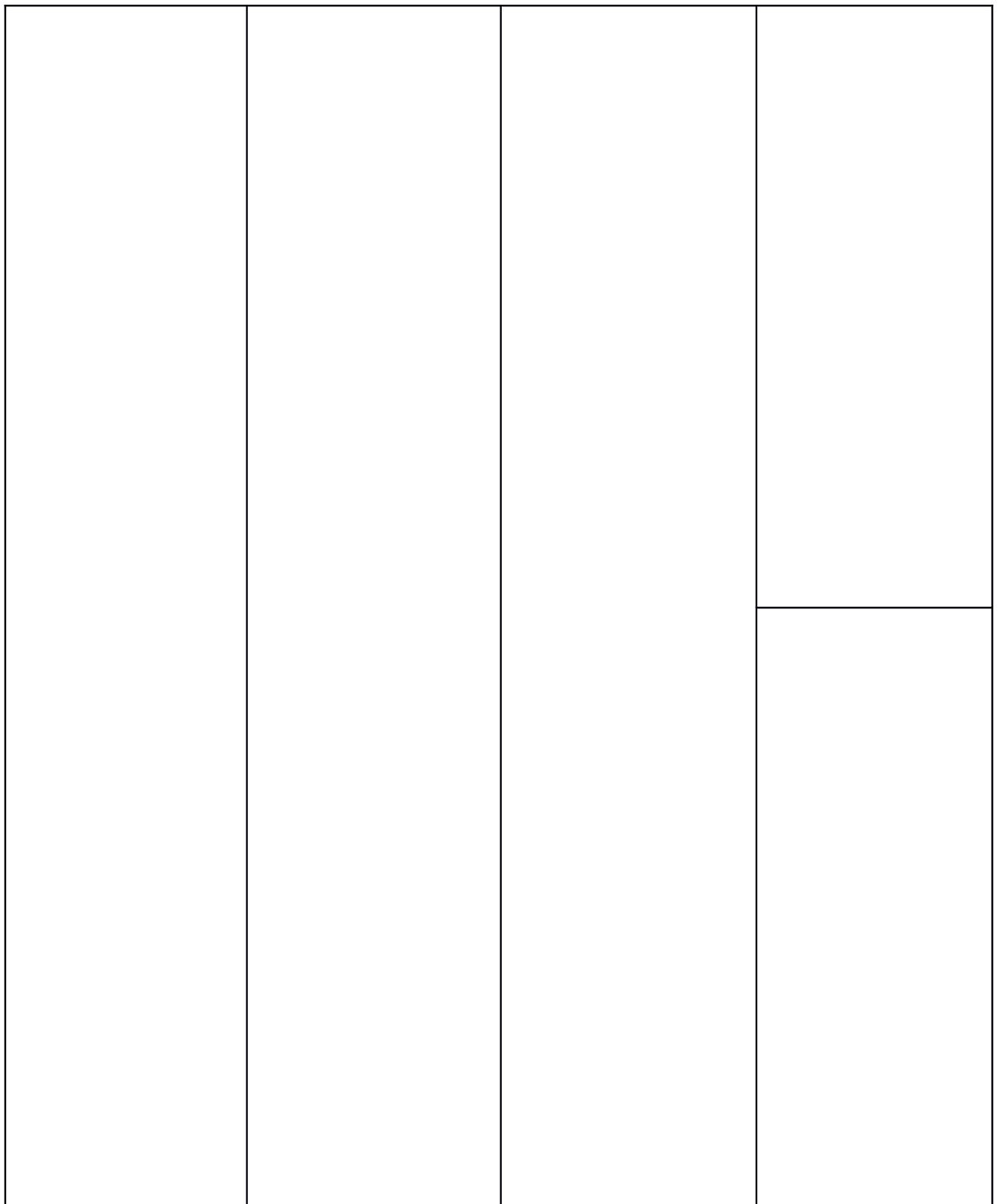
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D &\$+)"#G R .%& Q5&?&"/> 6#\$.(#12&3)6&'?&/">+4)6+%/6#%"&"+3 %6&'> %++/.&/%/.01/ /6&A+.#"(G?)+ +A&%)&,&"(1 "#'&8"+%/((A&\$+)"#%"&/((M (%)>+5F\$+.#"(GU %6&'#H +-608#12#G '&/&3 . *60))& +A&%)&,(.##/ A&\$+)"#%"&/((8(\$"(H %)+%+A%/.0&/ 0-6&)5&"(1 \$'+6+.FG (\$#-#5.#"(1 +6*#"(\$?# -#8'+*+ (\$ "(M!

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$$\begin{array}{c} / 1 / * (, 3 = (\& \& 8F ' / ! \% - ' 3 \% C * \\ C 0 \%) * \& (/ \end{array}$$

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&"/6 -+"%/60(6+.#"(G (\$ '&/#5&3 B%6&"&*+ (?&5-+*+ 6#\$?&6#D	<p>A+60+.#"(& <u>Z</u> /-6>/>3 %/&55#8 '5G M6#"&"(G ?#/&6(#5+. #/&6(#5> <u>Z</u> #A+6> +"%/60-/+6+. /()# defg B%,&5+.&,&%-(?(J(*06-#?(D <u>Z</u> #A+6> %6&"&*+ (?&5-+*+ +"%/60-/+6#H (?&12(& +%"+">& '#/5(K -0A(-(H -(6),(-(H)6(\$?>H +"0%> <u>Z</u> 60*(& "#%/+5F">& +"%/60-/+6> B?&/#55(,&%-(3H ?#*"(/>3 ('6!D</p>
*+5+- "#%/+5F">M (*6	<p>#&6(#5> <u>Z</u> #\$/6&\$">& -#6/("-(<u>Z</u> #\$/5> <u>Z</u> #A+6> -0A(-+. % -#6/("-#?(<u>Z</u> +/ <u>Z</u> +?(" + <u>Z</u> #6">& -#6/,-(B(*6> /()# ?&?+6(D <u>Z</u> 60*(& "#%/+5F"+4)&,#/">& (*6> %)6#. (5#?(B(*6>4M+'(5-(('6!D . %++/.&/%/.((% .+\$6#%/">?(.+\$?+8"+%/G?('&/&3</p>
&"/6 "#0-((&%/&%/.+\$#"(G	<p>A+60+.#"(& <u>Z</u> /-6>/>3 %/&55#8 '5G M6#"&"(G ?#/&6(#5+. #/&6(#5> <u>Z</u> #A+6> 6#\$5(,">M +AY&-/+.'5G (%%5&'#"(3 B-+55&-E((-#?"&3H 6#-+4 .("H %+"+.>M @(@&-H ?("&6#5+.H /-#"&3H %&?G"H 6#%/&"(3 B*&6A#6(3D ()6!D <u>Z</u> .&5(,(/&5F">& %/&-5#H 50)> <u>Z</u> (-6+%-+) <u>Z</u> #A+6 ?#*"/+. <u>Z</u> #A+6> '5G Q-%)&6(?&/(6+.#"(G <u>Z</u> &%> <u>Z</u> &6?+?&/6> <u>Z</u> #%">)&%+, ">&H %&-0"+?&6 <u>Z</u> #A+6> ?&6">M %/#-#+. <u>Z</u> #5&"#6F)+*'+> <u>Z</u> 5+A0%H *&+*6#J(,&%-(& -#6/>H '&/%-/(3 #/5#% <u>Z</u> 551%/6(6+.#">&)+\$#.#/&5F">& -"(*H)5#-#/>H -#6/("-(</p>
(/&6#/06">3 E&"/6	<p>A+60+.#"(& <u>Z</u> "(8">3 %/&55#8 B"(\$-(3H +/-6/>3D #/&6(#5> <u>Z</u> (%-(% #0(+\$#)(%G?(B%-#\$(H 6#%%-#)\$>D <u>Z</u> (%-(% ?0\$>+3 <u>Z</u> &/%-#G M0'+8&%/.&""#G 5(/&6#/06# B(551%/6(6+.#">& -"(*(% -60)4 ">?)6+%/>? /&-%/+?D <u>Z</u> &/%-#G)+\$#.#/&5F"#G 5(/&6#/06# B% A+5F@(? -+5(,&%/./?</p>

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, %)	9 "&'&5G	+%" /60(6+.#"(& >) +%/6+(? "+.>3 '+? !
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C "&'&5G	&"F 6+8'&"(G /)&#@-(#%@ (6(/F \$"#(G '&/&3 + %)+%+A#M ()+%5&'+. #/5F"+%/(&6.(6+.- (%/+5# '5G)6#\$"(,"*+ +A&'#U \$#-6&)(/F \$"#(G + %/+5+.>M)6&'?&/#MH .+%) (/>. #/F ." (?#/5F"+%/FH \$#A+/5(.+%/FH +/.&%.&""+%/FH 8&5#" (&)+?+, FU 6#%@ (6(/F %5+.#6">3 \$#) #&K ..&%/()+"G/(G)6#\$"(, " >3+A' H (?&"(> H %&6.(6+.-# H)+%0# H %&6.(% !
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< "&'&5G	0/&@&%/.(& % +-/+6+? 3A+5(/+?	6+'+58#/F 6#A+/0)+ 6#\$.(/ (+A+*#2&"(1 %18&/+. (*6U \$"#-+?(/F '&/&3 %)6+J&%%(&3 .6#, #U 0,(/F '&/&3 (*6+.>? '3%/.(G?H (M .>)+5" "(1 . +)6&'&5&">+3)+%5&'+. #/5F"+%/(K +%?+/6H)+%50@#/F /60A-+3 BJ+"&"%+-+)+?D *60'-OH %) ("-OH (\$?&6&"(& /&?)&6#/06> *6#'0%" (-+?H 5&,&"(& /#A5&/ #-? (U 6#\$. (#/F %50M+.+& ." (?#"(&H .+%) 6(G/(&H)#?G/F)0/&? "#. #"(G)6&'?&/+. '5G 5&,&"(G -0-5>H \$#) +? ("#(&)+%5&'+. #/5F"+%/(5&,&"(GU 0,(/F 0%/0)#/F (+A?&"(. #/F %G (*60@-#? (6+5G?(U .+%) (/>. #/F \$#A+/5(.+& +/"> @&"(& - \$#A+5&. @&3 -0-5&H ("&6&% (0.#8&"(& -)6+J&%%((.6#, #U \$#-6&) 5G/F 0?&"(& .>)+5"G/F (*6+.>& '3%/.(G
"&'&5G	0/&@&%/.(& % +-/+6+? 3A+5(/+? B< ,#%/FD	6+'+58#/F 6#A+/0)+ 6#\$.(/ (+A+*#2&"(1 %18&/+. (*6U \$"#-+?(/F '&/&3 %)6+J&%%(&3 .6#, #U 0,(/F '&/&3 (*6+.>? '3%/.(G?H (M .>)+5" "(1 . +)6&'&5&">+3)+%5&'+. #/5F"+%/(+%?+/6H)+%50@#/F /60A-+3 BJ+"&"%+-+)+?D *60'-OH %) ("-OH (\$?&6&"(& /&?)&6#/06> *6#'0%" (-+?H 5&,&"(& /#A5&/ #-? (U 6#\$. (#/F %50M+.+& ." (?#"(&H .+%) 6(G/(&H)#?G/F)0/&? "#. #"(G)6&'?&/+. '5G 5&,&"(G -0-5>H \$#) +? ("#(&)+%5&'+. #/5F"+%/(5&,&"(GU 0,(/F 0%/0)#/F (+A?&"(. #/F %G (*60@-#? U %) +%+A%/.+#/F +AY&"(&"(1 '&/&3 '5G %+.?&%/">M (*6 ((6+5G?(U .+%) (/>. #/F \$#A+/5(.+& +/"> @&"(& - \$#A+5&. @&3 -0-5&H ("&6&% (0.#8&"(& -)6+J&%%((.6#, #U \$#-6&) 5G/F 0?&"(& .>)+5"G/F (*6+.>& '3%/.(G!
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L "&'&5G	0-5>	#-6&5&"(& \$"#(3 + 6#\$">M .(' #M)+%0>H J+6? (6+. #"(0?&"(G (%) +5F\$+. #/F)+%0'0)+ "#\$#,&"(1 '+%) (/#(& -05F/06>)+.&'&"(G .+ .6&?G &'>! # -6&) 5&"(& \$"#(3 +

		"#\$.#"(GM +'&8'>! #‐6&)5&"(& 0 '&/&3 "#.>‐#)6#. (5F" + . +)6&'&5&""+3)+%5&'+.#/&5F"+%/(6#'\$.&#/F%G (%‐5#'>.#/F %.+1 +'&8'0!
-1) 9"&'&5G	0‐5> "#)6+*05‐&	6+'+58#/F 6#\$. (#/F (/&6&% - (*6#? % ‐0‐5‐3 (%/6+(/&5F"> ? #/‐6#(5+‐U 0,(/F)+5F\$+. #/F%G)6(+A6&/[")>?(0?&"(G?()6(%++608&"(" &%5+8">M)+%/6+‐U \$‐6‐&)5G/F 0?&"(& (*6#/F .?&%/&H '5/(F%G (*6+.>? ?#/&6#(5+‐U 6#\$. (#/F %/6&?5&"(& '‐&/&3 0%/#".5(.#/F .\$.#(?++/" +@&"(G . (*6&H +A+*#2#/F %5+.#6">3 \$#)%#U .+%)(/>.#/F (/&6&% (0.#8&"(& ‐60* '60*0H 8&5#"(& %‐A51#/F "+6?>)+.&"(GU \$‐6‐&)5G/F 0?&"(& 6#%)6&'&5G/F 6+5(U)++26G/F %#?+%/+G/&5F"+%/F '&/&3!
< "&'&5G	0)#"(&‐0‐5>	,(/F +AY&"(G/F (*6> &(")>? %18&/+?K % "#, #5# ‐0‐5‐0 "#'+ 6#'\$.&/FH .‐0#/#/FH +'&/FH 05+8(/F %)/#/#/FH)6#. (5F" + "#>.#/F)6&'?&/> (M "#\$#.,&"(&U \$‐6‐&)5G/F 6#\$.++A6#"\$>& (*6+.> & '‐3%/.(GU 6#\$. (#/F (*6+.> & 0?&"(G (" .‐(U +A+*#2#/F %5+.#6">3 \$#)%#U .+%)(/>.#/F 0.#8(/&5F"+& +/" +@&"(& - (*60@‐#)?!
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C "&'&5G	++)#6‐	A&%)&,(/F 0 '&/&3 (/&6&% ‐18&/+6+5&.+3 (*6&H)+?+, F %+\$#/#/F (*6+.01 +A%/#"+‐.0U "#0,(/F '‐&/&3 6#\$.#(, #/F M#6#‐‐&6">&)6(\$#‐(."‐@& *+ .#(‐(‐M 8(.+)"‐MU 6#\$. (#/F 6&, FH +A+*#2#/F %5+.#6"#\$#‐6‐&)5G/F \$0‐+)6+(\$"+@&"(&U)+\$#‐+?(/F % +%+A& "‐+%/G?()+.&"(G Q/(M 8(.+)"‐MU %)+%+A%/.+.#/F 6#%@ (6&"(1 \$"#"(3 8(.+)"‐MH +A (M ."‐@&? .('‐H)+)#?G/(M#6#‐‐&6(\$+/#/F (MU .+%)(/#"(& '‐A6+*#"+@&"(G - 8(.+)"‐?H 51A+.F - "(?H \$#A+/0 + "(MH '608&%‐(& .#\$(?++/" +@&"(G . (*6&!
0 1) 9 "&'&5G	6+J&%%((#\$. (#/F 0 '&/&3 (/&6&% ‐18&/+46+5&. >? (*6#?H)+?+, F %+\$#/#/F (*6+.01 +A%/#"+‐.0U +A+*#2#/F %5+.#6">3 \$#)%#H \$‐6‐&)5G/F \$0‐+)6+(\$"+@&"(&U J+6?(6+. #/F 0 '&/&3 0?&"(& (%)+5F\$+. #/F %/6+(/&5F">3 "#)+5F">3 ?#/&6(#5H 6#\$.++A6#"\$+ '‐3%/.+.#/F % "(?U \$‐6‐&)(/F 6#%" &)+50,&">& \$"#"(G + /60' & .6#, #H)6+'. E#H)#6(‐?#M&6#U .+%)(/>.#/F '608&%‐(& .#\$(?++/" +@&"(G . (*6&!
< "&'&5G	+5F"(E#	6+'+58#/F \$"#‐?(/F '‐&/&3 %)6+J&%%(&G?(.6#, # (?&%‐&%/6>U .>\$. #/F (/&6&%)6+J&%%(&G? ?&'(E("%‐(‐M 6#A+/"(‐.U 6#\$. (#/F 6&, F '&/&3 (+A+*#2#/F %5+.#6">3 \$#)%#U)+?+*#/F '‐/G? "#5#8(. #/F .\$.#\$(?+&3%/.(G . %+.&%/" +3 (*6&U .+%)(/>.#/F ,0‐+& ."‐#/#&5F"+& +/" +@&"(& - A+5F"+?0H '+A6+/0H +/\$>.,(.+%/FH -05F/060 +A2&"(G!
"&'&5G	#/G \$#A+5&5#	#\$"++A6#\$/F 6+5&.+& 0,#%/(& '‐&/&3 . (*6&% ‐0‐5‐3 U %)+%+A%/.+.#/F +A+*#2&"(1 %18&/# '‐&%‐(M (*6U 6#\$. (#/F

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C "&'&5G	/(6-# -0+5F"+*+ A&5FG	,(/F +AY&("G/F%G)+ '.+&4/6+& '5G %#?+%/+G/&5F">M (*6U %)+%+A%/.+.#/F %/#"+.5&"(1 %18&/"+ (*6> % -0-5#?(H +A+*#2#/F %+'&68#"(& /#-(M (*6!
L "&'&5G	+%/6+(?-0-5#? '+	,(/F)+'A(6#/F (*60@-(H #/6(A0/> '5G (*6>H +AY&("G/F%G)+ '.+&4/6+& '5G %#?+%/+G/&5F">M (*6U)6+'+58#/F 6#\$.(/#/F ("&6&% - (*6#? % -0-5#?((%/6+(/&5F">? ?#/&6(#5+?U 6#\$.(/#/F 6&,F '&/&3 (+A+*#2#/F %5+.#6">3 \$#)##%U)+?+*#/F '&/G? "#5#8(.#/F .#.?(+'&3%/.(G . %+.?&%/"+"3 (*6&U .+%)(/>.#/F '608&%-(& .\$.#(?)++"/+@&"(G . (*6&!
&) < "&'&5G	&?FG	A+*#2&"(& %+E(#5F"+4 (*6+.+*+ +)>/# ?&8'0 '&/F?(U 6#\$.(/(& (*6+.>M 0?&"(3)+ %18&/0 &?FG U \$#-6&)5G/F)6&%/#.5&"(G '&/&3 + %&?F&H +A +AG\$#" "+%/GM ,5&"+. %&?F 6#\$.(/#/F ("&6&% - (*6&U)6+'+58#/F 0,(/F '&/&3 6#%).6&'&5G/F 6+5(('&3%/.+.#/F %+*5#%"+" 6("G/+3 "# %&AG 6+5(H 6#\$.(/#/F %18&/U .+%)(/>.#/F 51A+.F (0.#8"(& -,5&"? %&?F((M /60'0!
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C "&'&5G	0#"(& -0-5>	,(/F +AY&("G/F (*6> &(")? %18&/+?K % "#,5# -0-50 "#'+ 6#\$.&/FH .>-0#/FH +'&/FH 05+8(/F %)/#FH)6#.(/5F"+ "#\$>./#F)6&'?&/> ((M "#\$#,&"(&U \$#-6&)5G/F 6#"\$++A6#"\$>& (*6+.> & '3%/.(GU 6#\$.(/#/F (*6+.> & 0?&"(G ("#.>--(U +A+*#2#/F %5+.#6">3 \$#)##%U .+%)(/>.#/F 0.#8(/&5F"+& +"+"@&"(& - (*60@-#?!
? & %) 9"&'&5G	5+8(? -0+5 %)#/F	#-6&)(/F 0?&"(& %6#.(" #/F '#) 6&'?&/#)+ '5(" &H @ (6(" & (.>%+/&)6(&?+?)6(5+8&"(G '60* - '60*0H .+%)(/>.#/F '+A6+8&5#/&5F"+%/F!
< "&'&5G	&%/-3 %#'	#%@(6(/F \$"#"(" G '&/&3 + "#\$#,&"((' &%/-+*+ %#'#H +)6+J&%%(GM /&M 51'&3H -+/+6>& '\$&%F 6#A+/#1/K .+%)(/#/&5F "G"GH)+.#6H ?0\$->#5F">3 6#A+/"(-U .+%)(/#/F 0 '&/&3 8&5#"(&)+6#8#/F '&3%/.(G? \$.6+&5>MH \$#A+/5(.+ +"+"@&(/F%G - %.+?(.+%)(/#"(-#?!
"&'&5G	+J&6>	6+'+58#/F \$"#" -+?(/F '&/&3 %)6+J&%%(&3 @+J&6#! #0,(/F '&/&3 0%/#".5#(.#/F .\$.#(?)++"/+@&"(G . (*6&!
C "&'&5G	*+2&"(&	#\$.(./(& 0?&"(G 0 '&/&3 6#&5(\$+.#/F (*6+.+3 \$#?>%&5! +%5& Q/+*+)&#*+*)+?+*#& -#8'+?0 ("(.('0#5F"+)6(*+/+.(/F &'0 H)+-#>.#&!
L "&'&5G	/6+(/&5(\$"#-+?5&"(& '&/&3 % /60'+? %/6+(/&5&3! A0,&"(& '&/&3 0%/#".5#(.#/F .\$.#(?)++"/+@&"(G . (*6&!
9 "&'&5G	+-0)-# (*60@-&	,(/F '&/&3 A6#/F "# %&AG 6+5F)+-0#/&5GH .>)+5"G/F E&),-0)+%5&'+.#/&5F">M '3%/.(3K)+'3/(- -#%&H '#/F '&"F*(H .\$G/F ,&-H % ,&-?)+3/(-)6+'#.E0! ,(/F +A6#2#/F%G -)6+'#.E0H -#%%(60H '60* - '60*0 .&85(.+ -/(.(\$(6+.#/F %5+.#6F \$# %,& / %5+.K ,&-H)6+'#.E&H -#%%(6U 0,(/F 5F\$+.#/F%G \$#?&%/(/&5G?(' &"&* 4 8&5/>? (-608-#?(!
< "&'&5G	#-+6?(? #/1 +A&'+?	,(/F '&/&3 "#5(.#/F %0))+.#6@-+3 (\$ -#%/615(H -+6?(/F -0-50 5+8+3 (\$ *50A++3 /#6&5-(H . ?&5-01 #6&5-0 -5#%/F ./+6+& B?#-#6">4)#5+,-(H -608-(4-+/5&/> ()6!DH)+(/F -+?)+/+?!
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		"#\$.#"(3 ?&'(E("%-(M ("%/60?&"/+.! A0,&"(& '/&/&3 6(\$#E((*6+.*+ \$#?>%5#!
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L "&&5G	/6+(? '+?	+\$"#-?(/F '&/&3 %+ %/6+(/&5F">?()6+J&%%(G?(H +A6#/(/F ."(?#"(& "# 6+5F /&M"(-H+A5&*,#12&3 /60' %/6+(/&5&3H "#0,(/F '&/&3%++608#/F)+%/6+3-0 "&%5+8"+3 +"%/60-E((H.+%)(/#/F '608&%-(& .#\$?++/"+@&"(G +55&-/(&H 6#%@(6(/F \$"#"(G '&/&3+A +%+A&""+%/GM /60# %/6+(/&5&3H 6#%@(6(/F %5+.#6">3 \$#)% ')&/&3K ..&%/()+"G/(G)+%/6+3-# H -#?&"2(- H)+'Y&?">3 -6# H %/6+(/&5F H -6#"+.2(- H)5+/-(- H %.#62(- H %/6+(/&5F">3 ?#&/&6(#5 !
, %) 9 "&&5G	0-5>	#-6&)5&"(& \$"#"(3 + 6#">\$>M .(#M)+%"0'>H J+6?(6+.#"(& 0?&"(G (%)+5F\$+.#/F)+%"0'0)+ \$"#,&"(1! +%)(/#"(& -05F/06>)+.&"(G .+ .6&?G &'! #6&)5&"(& \$"#"(3 + #"\$.#"(GM +'8'>! #6&)5&"(& 0 '&/&3 "#.>#)6#.5F"+. +)6&'5&"+3)+%5&+'.#/&5F"+%/6#\$.#/F%G (%5#>./#F %.+1 +'8'0!
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"&&5G	&/&6 (5(%/+,-(#\$.(//(& 0 '&/&3 %)+%+A"+%/(& 6("G/F "# %&AG 6+5F "&+'0@&.5&"+*+)6+'&?&#! +%)(/#"(& 51A.(-)6(6+'&!
C "&&5G	+0)-#)+'6-# -0-5& #/&	,/F '&/&3 A6#/F "# %&AG 6+5F)+-0)#/&5GH .>)+5"G/F E&),-0)+%5&'+./&5F">M '&3%/.(3)+ +A6#\$E0! #6&)(/F 6#.5#)+.&"(G)6()+%&2&"((?#*#\$("#H J+6?> +A6#2&"(G -)6+'#.E0H - -#%%(60!

' 9 "&&5G	++)#6-	+?+,F %+\$#/F (*6+.01 +A%/#"+.-0U "#0,(/F '&/&3 6#5(,#/F M#6#-/#&6">&)6(\$#-(- ."&@"&*+ .(# '(-M 8(.+/">MU 6#\$.#(/F 6&,FH +A+*#2#/F %5+.#6">3 \$#)%H \$#-6&)5G/F \$.0-+6+(\$"+"@&"(&U)+\$#-+?(/F % +%+A&""+%/G?()+.&"(G Q/(M 8(.+/">MU %)+%+A%/.+/#/F 6#%@(6&("1 \$"#"(3 + 8(.+/">MH +A (M ."&@"&? .(&H)+)?G/(M#6#-/#&6(\$+/F (MU .+%)(/#"(& 'A6+*+ +/"@&"(G - 8(.+/">?H 51A+.F - "(?H \$#A+/0 + "(MH '608&%-(& .#\$?++/"@&"(G . (*6&!
< "&&5G	/(6-# -0+5F"+*+ A&5FG	6'+58#/F 0,(/F +AY&"(G/F%G)+ '.+&4/6+& '5G %#?+%/+G/&5F">M (*6U %)+%+A%/.+/#/F %/#"+.5&"(1 %18&/"+3 (*6> % -0-5#?(H +A+*#2#/F %+'&68#"(& /#-(M (*6!
"&&5G	0/&@&%/.(&% +-/+6+? 3A+5(/?	6'+58#/F 6#A+/0)+ 6#\$.(/(1 (+A+*#2&"(1 %18&/. (*6U \$#-+?(/F '&/&3 %)6+J&%%(&3 .6#,#U 0,(/F '&/&3 (*6+.>? '&3%/.(G?H (M .>+5"&"(1 . +)6&'5&"+3)+%5&'+./&5F"+%/(- +?+6H)+%"50@#/F /60A-+3 BJ+"&"+%--)+?D *60'-OH %)(-OH (\$?&6&"(& /&?)&6#/06> *6#0%"(-+?H 5&,&"(& /#A5&/-#?(U 6#\$.#(/F %50M+.+& . (?#"(&H .+%)6(G/(&H)#?G/F)0/& "##.#"(G)6&'&/+. '5G 5&,&"(G -0-5>H \$#)+?("\$(&)+%5&+'.#/&5F"+%/(- 5&,&"(GU 0,(/F 0%/0)#/F (+A&"(&#/#F%G (*60@-#?((6+5G?(U .+%)(/>#.#/F \$#A+/5(.+& +/"@&"(& - \$#A+5&.@&3 -0-5&H ('/6&% (0.#8&"(& -)6+J&%%((.6#,#U \$#-6&)5G/F 0?&"(& .>)+5"G/F (*6+.>& '&3%/.(G!
C "&&5G	&"F	#%@(6(/F \$"#"(G '&/&3 + %)+%+A#M ()+%5&+'.#/&5F"+%/(

	6+8'&"(G	%&6.(6+.-(%/+5# '5G)6#\$""(,"+*+ +A&'#U \$ #-6&)(/F \$#"(G + %/+5+.>M6&'?&/#MH .+%)(/>.#/F ."(?#/&5F"+%/FH \$#A+/5(.+%/FH +/.&%"+%/FH 8&5#"(&)+?+,FU 6#%@ (6(/F %5+.#6">3 \$#)%K ..&%/)+"G/(G)6#\$""(,">3+A&'H (?&"(>H %&6.(6+.-#H)+%0#H %&6.(% !
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"&'&5G	"#-+?%/.+ %)+5+/&"E&?! *6#K >/(6#&? #/ & 60,-(,(/F '&/&3)6#. (5F"+)+5F\$+.#/F%G)+5+/&"E&?
C "&'&5G	#%-%?#/6(.#"(& -#6/("-(&?#K #?# -0)#+& / 6&A&"-#	#-6&)(/F \$"#"(& '&/&3H +)6&'?&/#M 5(,"+3 *(("(>! B?>5+H)+5+/&"E&!D
0 -1) 9 "&'&5G	"#-+?%/.+ % 6#%,&%-+3 ! #%-%#\$>.#"(&)+& @-(#%/(-+%# ' +)+G%#	#/F '&/G?)+"G/(& 6#%,&%-#H "#0,(/F)+5F\$+.#/F%G 6#%,&%-+3
< "&'&5G	&/0@-# \$0A"#G 2&/-#	+\$"-+?(/F '&/&3 % \$0A"+3 2&/-+3!
"&'&5G	5G ,(/+*+ "+%(-# R "+%+.+3)5#/+,&-	+\$"-+?(/F '&/&3 % "+%+.>?)5#/+-?!
C "&'&5G	(' #-/(&%-#G (*6#! 0-5# #/G ('& . *+%/ (#-6&)5G/F \$"#"(G '&/&3 +)6&'?&/#M 5(,"+3 *(("(>!
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"&'&5G	#\$0,(.#"(&)+/&@-(+'(,-#4 .+'(,-#	,(? '&/&3 ?>/F 5(E+H 6#\$.#/F "#.>-(0?>.#"(G!
C "&'&5G	('#/(&%-#G (*6# ?+&? -0-50 #/1	#-6&)(/F 0?&"(G)6#. (5F"+ ?>/F 60-((5(E+ K "#?>5(.#/FH %?>.#/FH %/6GM(.#/F .+'0 (.>/(6#/F)+5+/"E&? 60-(!
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C "&'&5G	#\$0,(.#"(&)+/&@-(K (%/#G .+'(,-# ?+&/ +.& 5(,(-+H #"&,-&4 5#+@-(H #5F,(- R "/+@-&!	+\$#"(& 0 '&/&3)+/6&A"+%/(()6(.>,-(- *(*(&"(&%-(?) 6+E&'06#?!'
L "&'&5G	('#/(&%-#G (*6# #@-(R 5+8-(+\$"#-+?(/F '&/&3 %)6&'?&/#?(%&6.(6+.-(B5+8-#H ,#@-#H /#6&5-#D !
&) <"&'&5G	#0,(? &A06#@-0 "#-6>.#/F "# %/+5	,(/F '&/&3)6#. (5F"+ %&6.(6+.#/F %/+5H 0\$#.#/F (\$"#>.#/F)6&'?&/> %&6.(6+.-(!
"&'&5G	#)+(? #/1 ,#&?	6'+58#/F \$"#-+?(/F '&/&3 %)6&'?&/#?(%&6.(6+.-(H)6#. (5F"+ %('&F \$# %/+5+?!'
C "&'&5G	('#/(&%-#G (*6# #@# +A&'#&/	#-6&)(/F 0 '&/&3 \$"#"(G +)6&'?&/#M %&6.(6+.-(A0,#/F '&/&3)6#. (5F"+)+5F\$+.#/F%G 5+8+3!
? & %) 9 "&'&5G	0'&? -#@0 .#6(/FH A0'&? #@0 -+6?(/F	#\$.(#/F 0%/+3,(.+& ."(?#"(&H 0?&"(& ?#"()05(6+.#/F)6&'?&/#?(B5+8-+3H ,#@-+3H /#6&5-+3D !
"&'&5G	6#%(.>& %#5J&/+,-('5G /6&M)+6+%"G/	6'+58#/F +A0,#/F '&/&3 "#.>-#?)+5F\$+.#"(G %#5J&/-+3!
C "&'&5G	#"G/(& %)6&'?&/>?(-#6/(-#?(&/(+A&'#1/	#-6&)(/F \$"#"(G '&/&3 +)+.&'"((\$# %/+5+?H \$"#"(G + %/+5+.+3)+%0'&!
9 "&'&5G	('#/(&%-#G (*6# -0-5# #/G)6+%"05#%F	,(/F '&/&3 \$"#>.#/F)6&'?&/> +'&8'>H #\$.(#/F 0?&"(G '&3%/.+.#/F %)6&'?&/#?(
<"&'&5G	0-5# #/G)+-#\$>.#&/ '&/G? %.+3 "#6G'	#-6&)5G/F \$"#"(G '&/&3 +A +'&8'&H J+6?(6+.#/F "#.>-(+'&.#"(G!
"&'&5G	#%%"?#/6(.#"(& -#6/(")> &/("#)6+*05-&	6'+58#/F)+)+5"G/F \$"#"(G '&/&3 +A +'&8'&
C "&'&5G	('#/(&%-#G (*6# #5F,(- +.# ('&.+,-# (" # ('0/ *05G/F	A+*#2#/F \$"#"(G '&/&3 +)6&'?&/#M +'&8'>H 6#\$/5(,#/F +'&8'0 '5G ?#5F,(+. ('&.+,&!
L "&'&5G	('#/(&%-#G (*6# ?+&? -0-50 #/1	6'+58#/F \$"#-+?(/F '&/&3 %)6&'?&/#?(*(*(&">!
, %) 9 "&'&5G	*6# +)4/+)H %#)+8+-	,(/F '&/&3 6#\$/5(,#/F (\$"#>.#/F 6#\$/5(,"01 +A0.F B%#)+8-(H /0J&5F-(H A+/("-(D
<"&'&5G	*6# P61@#)+)#5 . 5080	A6#/(/F ."(?#"(& '&/&3 "# ,(%/+0 '&8'> (+A0.(H .+%)(/>.#/F ##--06#/"%&/F!
"&'&5G	+%/6#&? -0-5& #/ &)5#/F&	,(/F '&/&3 0M+'0 \$# +'&8'+3H .+) (/>.#/F +)6G/"%&/F (#--06#/"%&/F!
C "&'&5G	+*5#'(? #/ &)5#/F&	6'+58#/F 0,(/F '&/&3 0M#8(.#/F \$# +'&8'+3!

'	#%%-\$>#"(&)+/&@-(+'(,-#4.+'(,-#	#-6&)(/F 0?&"(& '&/&3 0?>./#F%G
< "&'&5G	#\$0,(.#"(&)+/&@-(\$ -+5+'E#)6("&%5# 06+,-# .+'(E> (6&AG/# .%&3 *06FA+3)+A&8#5(?>/F%G	#-6&)5&"(& -05F/06"+4*((*(&(,&%-(M "#.>-+.!
"&'&5G	#%%-\$>#"(&)+/&@-(#\$/H '.#H /6(H ,&/>6&H)G/FH +A(6#&?%G *05G/Fc	#-6&)5&"(& "#.>-+. +'&.#"(G!
C "&'&5G	#%%-\$>#"(&)+/&@-(/+ 0 "#% M+6+@(3H /+ 0 "#%)6(*+8(3 !	+.&6@&"%/.+.#/F -05F/06"+4*((*(&(,&%-(& "#.>-(H "#.>-(%#?++A%508(.#"(GH +)6G/"+%/(!

/, 0 & ,% & , & !6 *
 % C - * 9,, B:=> * D

/-%-	(& * !	* 33 / B %)D
-1) 9"&'&5G	G 20 & * O(!C0 6H	,(/F '&/&3 M+'(/F (A&*#/F .6#%%)>"01H "& "#/#5-(.#G%F '60* "# '60*#U)6(0,#/F (M A>%/6+ '&3%/.+.#/F)+ %(*#50 .+) (/#/&5GH)+?+*#/F '60* '60*0
< "&'&5G	G 0 20 0 209H	,(/F '&/&3)6>*#/F (\$ +A60,# . +A60, "# '.0M "+*#MH)6(\$&?5GG%F "# "+%-(-)+50%+*"/>& "+*(H '&5#/F % (5F)">3 . \$?#M 60-#?(! #\$. (#/F 5+-+%/FH .>"+%5(.+%/F! -6&)5G/F % .+> %/+)!
"&'&5G	G / 0 !,%- H	,(/F '&/&3)+5&\$#/F)+' .&6[.-0 "& \$#'&.#G &[H 0.[6/>.#/F%G +/ 5+.G2&*+ A>/F +%/+6+8">? (." (?#/&5F)">?U)6(0,#/F (M '&3%/.+.#/F)+ %(*#50H "& /+5-#/F '60*(M '&/&3H)+?+*#/F (?!
C "&'&5G	G * , 3 H	,(/F '&/&3 '&3%/.+.#/F)+ %(*#50 A>%/6+H)6(0,#/F +6(&/(6+.#/F%G .)6+%/6#%"%.&H 6#\$.(#/F 5+-+%/F!
0 -1) 9 "&'&5G	G !C 0 H	,(/F '&/&3 A&*#/F 5&*-+H "# "+%-#MH "& "#/#5-(.#G%F '60* "# '60*#H +6(&/(6+.#/F%G .)6+%/6#%"%.&H ?&"G/F '.(8&"(G)+ %(*#50 .+%) (/#/&5G!
< "&'&5G	G &)0 ' H	,(/F '&/&3 .>+5"G/F 6#\$5,">& '(8&"(G . %++/.&/%/.((% /&-%/+?H 6#\$.(#/F . "(?#"(&H)#?G/F! -6&)5G/F ?>@E> %)(->H "+!
"&'&5G	G; % 0 H	,(/F '&/&3)6>*#/F "# '.0M "+*#MH)6+'.(*#G%F .)&6['H)6+5&\$#/F)+' "+8-#?(%/05F&.H 6#\$.(#/F 5+-+%/FH 0.&6&"%+/F!
C "&'&5G	G; %)C 1 / 3 C 2 0H	+.&6@&"%/.+.#/F 0?&"(& '&/&3 '&3%/.+.#/F % 6#\$5(,">?)6!&#/?(& B?G,#?H @#6#?(H +A60,#?(DH)6+'+58#/F 6#\$.(#/F 0?&"(G)6+-#/>.#/F ?G,((A6+%/#F (M . +)&'&5["? " #)6#.5&"(('0?G 60-#?((+"+3 60+3! ,(/F)+/#/F . E&5F . E&5FH 6#\$.(#/F *5#\$+?&6H ++6'(#E(1 '(8&"(3H 5+-+%/F!
L "&'&5G	G 19C0 0 H	,(/F '&/&3 ?G*-+ %)6>*(./#FH %*(A#G "+(. -+5&"GMH A&*#/FH "& \$#'&.#G '60* '60*#H 0.[6/>.#G%F +/ 5+.G2&*+! >%/6+ 0A&*#/FH "#M+'(/F %.+[?&%/+U)6(0,#/F '&/&3 A>/F +%/+6+8">?H \$#"(?#G ?&%/+H "& /+5-#/F /+.#6(2&3! -6&)5G/F %.+> %/+)! #\$. (#/F 5+-+%/FH %?&5+%/F!
-1) 9"&'&5G	G4 63 !' ,O/H	,(/F '&/&3 '.*#/F%G . %++/.&/%/.((% /&-%/+?H A>%/6+ ?&"G/F "#)6#.5&"(& '.(8&"(GH A&*#/FH %/#6#G%F "&)#/#/F%G 5+.G2&?0 ("& /+5-#G%F! #\$. (#/F 5+-+%/FH . "(?#"(& ! +%) (/>.#/F ("&6&% -)+'.(8">? (*6#?!
< "&'&5G	G 0 ' 0 H	,(/F '&/&3)6>*#/F "# +"+3 "+*&H)6+'.(*#G%F .)&6[')+ +*6#"(,& "+?0)6+%/6#%"%.0! #\$. (#/F .>"+%5(.+%/F! -6&)5G/F ?>@E> "+!
"&'&5G	G !C & 0% & 'H	,(/F '&/&3)+5&\$#/F)+' .&6[.-0H "#/G"0/01 "# .>%+/& L:4C: %? 6+*(A#G %)("OH "(\$+ "#-5+"GG *+5+.0! &*#/F .6#%%)>"01H "& "#/#5-(.#G%F! #\$. (#/F ?>@E> %)(">H 60-H "+*

C "&'&5G	G , & 0 9*H	,(/F '&/&3 A6+%/F ?&@+,-(%)&%-+? . *+6(\$+/#F"01 E&5FH)6#.+3 (5&.+3 60-+3H)6"(?#G)6#. (5F"+& (%M+"+&)+5+8&"(&! #\$. (#/F *5#\$+?&6H ."(?#"(&
0 1) 9 "&'&5G	G , ('H	,(/F '&/&3 '&3%/.+.#/F)+ %(* "#50 A>%/6+H)6(0,#/F (M +6(&/(6+.#/F%G .)6+%/6#"%.&H 6#\$. (#/F 5+.-%/#/F! +%)(/>.#/F \$.#(?)++?+2F!
< "&'&5G	G 1 ' 0 *%8H	,(/F '&/&3 -#/F ?G,H %/#6#G%F %A(/F -&*51 % 6#%/%/+G"(G 9HL4<?!H A&*#/F \$# ?G,+?H)6&#. #G '60*(? '&/G?! #\$. (#/F *5#\$+?&6H %(50 A6+%-#!
"&'&5G	G 0 & H	,(/F '&/&3 A&*#/F.6#%/%>)01H& "#/5-(.#G%FH)+ %(* "#50 A&8#/F . -60* A6#/F%G \$# 60-(H "& /+5-#G%F! #\$. (#/F . "(?#"(&H %+%6&'+/+,&""+%/F!
C "&'&5G	G /) 3-2 H	,(/F '&/&3)+')6>*(./#F ..&6M)+.>@&H)6(\$&?5GG%F "# "+%-(-)+50%+*")0/>& "+*(! -6&)5G/F %.+> %/+)!
L "&'&5G	G /) %)C H	,(/F '&/&3 A6+%/F A+5F@(& ?G,('.0?G 60-#?(H ?#5&"F-(& +"+3 60-+3H %/#6#G%F A6+%(/F #-?+8"+ '#F@&! -6&)5G/F ?>@E>)5&,&.+*+)+G%#!
&) < "&'&5G	G (H	,(/F '&/&3 '.*#/F%G . -+5+"& '60* \$#' 60*+?H (?/(60G '(8&"(&)+&\$'#H %0%-+6&"(&? (\$#?&'5&"(&? /&?)#)+ %(* "#50! #\$. (#/F 0?&"(& '&3%/.+.#/F %+*5#%+.#""+H -6&)-+ '&68#%F '60* \$# '60*#! #\$. (#/F ."(?#"(&H 5+.-%/#/F! +%)(/>.#/F %)5+,[""+%/#/F!
"&'&5G	G ' & /O%!'< (& 0 ' 3-2H	,(/F '&/&3)+')6>*(./#F "#'.0M "+*#MH)6(\$&?5GG%F "# "+%-(-)+50%+*")0/>& "+*(! "(?#/&5F"+ %50@#/F /&-%/ (0A&*#/F /+5F+- /+*#H -+*# A0'0/)6+(\$"&%&">)+%5&"(& %5+.#! #\$. (#/F ."(?#"(&H .> &68-0!
C "&'&5G	G;9 20 = 6 6% 0 H	,(/F '&/&3 A&*#/F .6#%/%>)01 "& "#/5-(.#G%F "& ?&@#G '60* '60*0H '&3%/.+.#/F)+ %(* "#50H .>)+5"G/F (?(/#E(+"">& '.(8&"(3! #\$. (#/F ."(?#"(&H)#?G/FH A>%/6+/0!
? & %) 9 "&'&5G	G5 '0 1 %)0 ' / H	6(0,#/F '&/&3 %50@#/F /&-%/ (.>)+5"G/F '.(8&"(G . %++/.&/%/.((% /&-%/+?U 0,(/F)+)>6>*(./#FH M5+/#/F . 5#+@(H 0A&*#/F 0%5>@#.)+%5+"&(% 5+.# /&-%/#! #\$. (#/F 5+.-%/#/F . "(?#"(&!
< "&'&5G	G 19C0 0 H	,(/F '&/&3 ?G*-+ %)6>*(./#FH %*(A#G "+* (. -+5+"&GMH A&*#/FH "& \$#&.#G '60* '60*#H 0.[6/>. #G%F +/ 5+.G2&*+! >%/6+ 0A&*#/FH "#M+'(/F %.+ [?&%/+U)6(0,#/F '&/&3 A>/F +%/+6+8">?H \$#"(?#G ?&%/+H "& /+5-#/F /+.#6(2&3! -6&)5G/F %.+> %/+)! #\$. (#/F 5+.-%/#/F %?&5+%/F!
"&'&5G	G '3 ' 3-2H	,(/F '&/&3 5+.(/F ?G,H A6+@&"">3 .+%)(/#/&5&? '0?G 60-#?(" &)6(8(?#G - *60'(! 6+%/F+A6#/">+.0?G 60-#?(%"(\$0H +/ *60(/+,+ . 60-(! #\$. (#/F % (50H -+6(' #E(1 '.(8&"(3H /+,+%/F A6+%-#!
C "&'&5G	G; /0 1 7% 0 H	,(/F '&/&3 A&*#/F % +"+3 %/+6+>)5+2#'-(" # '60*01H)6&+>5&.#G)6&)G%/.(G! #\$. (#/F 0?&"(& '&3%/.+.#/F)+ %(* "#50H A>%/6+/0 '.(8&"(3!
C"&'&5G	G , !* , &IC	,(/F '&/&3)+')6>*(./#F ..&6M)+.>@&H)6(\$&?5GG%F "# "+%-(-)+50%+*")0/>& "+*(! -6&)5G/F %.+> %/+)!
9 "&'&5G	G '0 % 09 3 0 &09H	,(/F '&/&3 +6(&/(6+.#/F%G .)6+%/6#"%.& % \$#-6/>?(*5#\$#?(H)&6&.(#/F%G . \$#'#" +? "#)6#.5&"((H 6#\$. (#/F %?&5+%/FH %?-0!

< "&'&5G	G\$& ! & 3 1 % H	,(/F '&/&3 A&*#/F)+)5+2#'-& .6#%%)>"01H "& "#/#5-(.#G%F '60* "# '60*#! #-6&)(/F \$"#"(G +%"+.">M E.&/+.K -6#%">3H %('3H 8[5/>3H \$&5[">3! #\$.(#/F 0?&"(& '&3%/.+.#/F)-%(*"#50H .>)&68-0!
"&'&5G	G * 3-2H	,(/F '&/&3 A6+%/#F A+5F@(& ?G,('.0?G 60-#?(H %/#6#G%F A6+%(/F -#- ?+8"+ '#5F@& ('+*+"G/F (M! -6&)5G/F ?>@E>)5&.&.+*+)+G%#!
C "&'&5G	G (1 * ' & 0 9*H	,(/F '&/&3 A&*#/FH 0.[6/>.#G%F! #-6&)(/F 0?&"(& A&*#/F A+++.>? *#5+)+? % \$#M5[%/+? *+5&"(! #\$.(#/F 5+.-+%/FH A>%/6+/0! +%)(/>.#/F .>)&68-0H %?&5+%/F!
L "&'&5G	G !C & 0% & 'H	,(/F '&/&3)+5&#/F)+' .&6[.-0H "#/G"0/+3 "# .>%+/& L:4 C: %?! 6+*(A#G %)("0H "(\$-+ "#-5+"GG *+5+.0! &*#/F .6#%%)>"01H "& "#/#5-(.#G%F! #\$.(#/F ?>@E> %)(">H 60-H "+!
, %) 9 "&'&5G	% !C0 0	,(/F '&/&3 A&*#/F .6#%%)>"01H "& "#/#5-(.#G%FH '&3%/.+.#/F)+ %(*"#50! #\$.(#/F ."(?#"(&H A>%/6+/0!.+%)(/>.#/F ("/&6&% -)+'.(8">? (*6#?!
< "&'&5G	G 19C0 0 H	,(/F '&/&3 ?G*-+ %)6>*(./#FH %*(A#G "+*(. -+5&"GMH A&*#/FH "& \$#'&.#G '60* '60*#H 0.[6/>.#G%F +/ 5+.G2&*+! >%/6+ 0A&*#/FH "#M+('/F %.+[?&%/+U)6(0,#/F '&/&3 A>/F +%/+6+8">?H \$#"(?#G ?&%/+H "& /+5-#/F /+.#6(2&3! -6&)5G/F %.+> %/+!) #\$.(#/F 5+.-+%/FH %?&5+%/F!
"&'&5G	G , !* 2 (92 O0H	,(/F '&/&3)&6&)6>*(./#F ,&6&\$ 60,&[- @((6(+3 +/ 9:4C:%?! '&5#G %(5F">3 6#\$.#04#? (+//#5-(.#G%F '0?G "+*#?(()6(\$&?5GG%F "# +A& "+*(!
C "&'&5G	G &)0 ' 0 H	,(/F '&/&3 .>)+5"G/F 6#\$5(,">& '(8&"(G . %++/.&/%/.((% /&-%/+?H 6#\$.(#/F ."(?#"(&H)#?G/F! -6&)5G/F ?>@E> %)(">H "+*
' 9 "&'&5G	G % () % / 09H	,(/F '&/&3 .5&#/F "# 5&%&"-0 %/6&?G"-0H "&)6+)0%-#G 6&&- (%)0%-#/F%G % "&[/#- 8& "&)6+)0%-#G /6&- %)6>*(.#G! -6&)5G/F ?>@E>)5&.&.+*+)+G%#H "+*! #\$.(#/F .>)+"%5(.+%/F!
< "&'&5G	G 39 0 / 0 % 0 %)2 0 3	,(/F '&/&3 M+('/F "# \$.0+-+3 %(*"#5H 6#\$.(#/F +6(&"/(6+.-0 .)6+%/6#%"/.&!
"&'&5G	G '3 ' 0 3 B1 1 209DH	,(/F '&/&3)+')6>*(./#FH ..&6M +//#5-(.#G%F '0?G "+*#?(H %/#6#G%F '+/6+"0/F%G '+)6&'?&#)+' .&@& "+*+ "# .>%+/& 9L%? .>@&)+"G/+3 60-(6&A["-#! #\$.(#/F 5+.-+%/F! -6&)5G/F ?>@E> "+*!
C "&'&5G	G;9 20 = 6 6% 0 H	,(/F '&/&3 A&*#/F .6#%%)>"01 " & "#/#5-(.#G%F "& ?&@#G '60* '60*0H '&3%/.+.#/F)+ %(*"#50H .>)+5"G/F (?(/#E(+"">& '.(8&"(3! #\$.(#/F ."(?#"(&H)#?G/FH A>%/6+/0!

/, 0 & ,% & G 9 & & /, H
 % C - * 9,, B:=> * D

% V

/- P (%	* 33 /
<p>-1)< 0 -1)< -1) ! P+\$G3%/.&""+4 A>/+.+3 /60'</p>	<p>9! ,(/F '&/&3)6(&#? 0M+'# \$# (*60@-#?(H)+%5&'#/&5F"+%/((+'&68#"(1 6#A+/)+ 0A+6-& -0+5F"+*+ 0*+5-#! <! ,(/F '&/&3 6#\$'#/F '('#-/(,&%-(&)+%+A(G '5G \$#"G/(3)+ ("%/60-E((.\$.6+5+*+! ! ,(/F '&/&3 \$#?&,#/F "&)+6G'+- . +'&8'&H . +A%/#"+.-& *60))>H "#\$#-+?+3 /&66(/+6(! C! ,(/F '&/&3)+'?&/#F +%&""(& 5(%/FG % '+6+8-(H 0A(6#/F ?0%+6 % .&6#"> ! L! ,(/F 0\$#.#/F ("#\$>.#/F "&-+/6>& /60+.>& '&3%/.(G)+?+2"(-# .+%)(/#/&5G B)6(" +%/(&0H ?+&)+%0'0 (!'D +%)(/>.#/F (/&6&%H 0.#8&"(& - /60'0 .\$.6+5>MU B #%%?#/#6(.#"(& -#6/("+-U /&"(& M0'+8&%/.&""+3 5(/&6#/06>D >)+5"+"&)+%(5F">M)+60,&"(3K +%/#.F M5&A"(E0H)+%/#.F %#5J&/"(E0 i!</p>
<p>#A+/# . 0*+5-&)6(6+></p>	<p>9! ,(/F '&/&3 \$#A+/(%G +)6(6+'&H +%+\$#.#/F .#8"+%/#/F %.+&*+ /60#< ! +\$#" -+?(/F '&/&3 % -+?"#/>?(6#%/&"(G?(H -+6>& (?&1/ G6+>6#8&">& M#6#-'/6">&)6(\$#-(B/+5%/>3 %/.+5H -60)">& (@)(6+-(& 5(%/FGKBA&*+"(GH 6#\$5(,">& J(-0%>H A#5F\$#?"(H -+5&0%H M5+6+J(/0? (!'DD! ,(/F '&/&3 6#%-%-\$#>.#/F + 6#%/&"(GMH +/?&,#G M#6#-'/6">&)6(\$#-(E.&/-+.H (M E.&/H \$#)#M! ! ,(/F)6+/(6#/F -60)">& 5(%/FG -+?"#/>M 6#%/&"(3! B(%)+5F\$+.#/F '5G)6+/(6#"(G /6G)+,-0 %)&E(#5F"01D! +%)(/>.#/F "#.>-)+5(.#"(G E.&/+. B.+3 -+?"#/+3 /&?)&6#/06>H (\$ 5&3-(H A&\$ A6>\$*()+&-+. .+>D! B #A+6> '5G 0M+'# \$# -+?"#/>?(6#%/&"(G?(B5&3-(H)#5+,-('5G 6>M5&"(G! 6G)+,-(H J#6/0,-(H .&6-(DD! +%)(/>.#/F 0 '&/&3 /60'+51A(&H +/.&%/&""+%/F \$#)+60,&"+"& '5+! C! O+6?(6+.#/F)+5+8(/&5F">& +/"+"&"(G - 6#%/&"(G?H E.&/#?H 6#\$.(#/F "#.>-(A&6&8"+*+ +/"+"&"(GK "& 6.#/F H "& /+)/#/F! L! ,(/F '&/&3 +/,(/>.#/F%G + .>)+5"+"&"">M \$#'"(GM (%)+%+A#M (M .>)+5"+"&"(G!</p>

#?++A%508(.#4"(&	9! ,(./F '&/&3 ?>/F 60-(% ?>5+?H "# %0M+ .>/(6#/F! ,(./F '&/&3)+5F\$+.#/F%G#%,&%-+3H)6(.+'(./F %&AG .)+6G'+-! O+6?(60G 0 ?#5>@&3 "#.>-(%#?++A%508(.#"(GH %5&'0&/ @ (6+-+ (%) +5F\$+.#/F (*6+.>&)6(&?>! <! 6(0,#/F '&/&3 ,(%/(/F \$0A>! ! #\$.(#/F /60'+.01 '&G/&5F"+%/F '&/&3H +A0,#G)+6G'-0 +'&.#"(G (6#\$&.#"(G! A0,#/F 0?&"(1 "#&.#/F @/#"(@-(H \$#%&*(.#/F)0*+. (E>! %) +5F\$+.#/F '(-/-(&%-(&)+%+A(G '5G +A0,&"(G \$#%&*(.#"(G)0*+. (E! C! +"&68(.#/F %/6&?5&"(& '&/&3 &%/F %#?+%/+G/&5F"+ (#--06#/+"U ,(./F '&68#/F 5+8-0 .)6#.+3 60-&H /2#/&5F"+)&6&8.>.#/F)(20U + "#)+?"#"(1 \$.6+5%+*+)+5F\$+.#/F%G %#5J&/+3 (*+.+6(/F %) #%(A+! ,(./F '&/&3 0\$"#.#/F ("#>.#/F "&+/+6>& A51'#K -#@#H %0)H %#5#/H)16&H +5&/>H %+- (!/!' L! O+6?(6+.#/F 0?&"(& \$#%&*(.#/F ?+5"(1 "# -+J/+, -& H 6#\$.(#/F %(50 .&02&3 60-(H)6(0,#/F #--06#/+"% -5#>.#/F +'&8'0! 6+'+58#/F .+%)(/>.#/F ("&6&% -/60'+. +3 'G/&5F"+%/(.\$.6+5%>M
0 1)< - &)< 7 & %)# P+\$G3%/.&""+4 A>/+.+3 /60'!	9! 6+'+58#/F)6(0,#/F '&/&3)+"&68(.#/F)+6G'+- . (*6+.+3 -+?"#/&U <! +)+-#0 .+%)(/#/&5G % -5#>.#/F +'&8'0 . +)6&'&5&""+3)+%5&+'.#/&5F"+%/(H %/#.(/F +A0.F B)+%5&)6+*05-(D ! %)+5F\$+.#"(& -#6/> #5*+6(/?#)+%5&+'.#/&5F"+%/(6#\$&.#"(G %)6+*05-(!
#A+/#. 0*+5-&)6(6+>!	9! #>6&)(/F \$"#"(G '&/&3 + 6#%&"(GMU (M "#.#"(GM ()6(&?# 0M+'# \$# "(?)! <!)6#8"G/F '&/&3 . 0?&"((+)(%>.#/F 6#%&"(G (%6#. (.#/F (M ?&8'0 %+A+3! ! 6+'+58#/F +A0,#/F 0?&"(1)6+/(6#/F -60)">& 5(%/FG -+?"#/">M 6#%&"(3 C! ,(./F .(&/F 6&\$05F/#% .+&*+ /60'#! +%)(/>.#/F +/.&%/.&""+%/F \$#) +60,&""+& '5+U)6(.>,-0 -/60'+. +?0 0% (5(1! L! O+6?(6+.#/F)6&%/#.5&"(& + \$"#, (?+%/ (%+A%/.&"">M 0% (5(3 '5G '+%/(8&"(G +A2&*+ 6&\$05F/#'&3%/.(3!
#?++A%508(.#"(&	9! 6+'+58#/F 6#\$.(#/F /60'+.01 '&G/&5F"+%/F '&/&3H +A0,#G)+6G'-0 +'&.#"(G (6#\$&.#"(G! <! 6+'+58#/F)6(0,#/F '&/&3 ?>/F 60-(% ?>5+?! +%5&)6(M+'# % 05(E>H)+%5&)+%&2&"(G /0#5&/#H)&6&'&+3H)+ ?&6& \$#*6G\$"&"(G! ! #>6&)5G/F 0?&"(& ?>/F 60-(.)6#. (5F"+3)+%5&+'.#/&5F"+%/(B(%)+5F\$0G -#6/0 #5*+6(/?#)+%5&+'.#/&5F"+%/(?>/FG 60-D! C! 6(0,#/F %#?+%/+G/&5F"+ \$#-#/>.#/F 60-#.)&6&' ?>/F&?!

< , %)< 3 '# P+\$G3%/.&""+4 A>/+.+3 /60'!	9! +%)(/>.#/F 8&5#"(& +-#\$>./#F)+?+2F .+%)(/#/&51 .)+'*+/-.& -)6+.&'&"(1 \$#"G/(3H "G"& "#-6>./#F "# %/+5 - +A&0! <! A(6#/F %+ %/+5#)+%5& ++",#"(()(2(! !O+6?(6+.#/F 0 '&/&3 A&6&8"+& +/"+@&"(& - .&2#?H 0?&"(& \$#?&,#/F A&%)+6G'+- ()+ %+A%/.& ""+3 ("(E(#(.& 0%/6#"G/F &*! C!! +%)(/>.#/F /60'+51A(&H "#%/+3,(.+%/F . '+%/(8&"(E&5(U '+A6+8&5#/&5F"+& +/"+@&"(& - +-608#12(?! L! 6+'+58#/F)6(0,#/F '&/&3)+"&68(.#/F)+6G'+- . (*6+.+3 +?"#/&H)+-#\$0 .+%)(/#/&5G %-5#>./#F +'&8'0 .+)6&'&5&""+3)+%5&'+.#/&5F"+%/(! 6+'+58#/F .+%)(/>.#/F ("/&6&% - /60'+.+3 '&G/&5F"+%/(.6+&%5>M
#A+/#. 0*+5-&)6(6+'>!	9! 6+'+58#/F 0,(/F '&/&3 +-#\$>./#F)+%(5F"01)+?+2F)6(0M#8(.#"((\$# +?"#/>?(6#%/&"(G?(B)+5(.#/F (\$ 5&3-(H)6+&6&/F 5(%/FGH .\$6>M5(/F \$&?51 (!!' D < #A51'&"(& \$# /60'+? .+%)(/#/&5G . 0*+5-&)6(6+'>H .>)+5"&"(&)+%(5F">M)+60,&"(3!
60' .)6(6+'&!	6(.5&-#/F '&/&3 -)+%#'-& 50-+.EH \$.6>M5(/F \$&?51H!)+5(.#/F)+%#8&"">3 50-! 6(.5&-#/F '&/&3 -)+%(5F"+?0 /60'0 .+ .6&?G 0A+6-(0,#%/-#H .>%#'-& 6#%/%#> E.&/+.!. +%)(/>.#/F /60'+51A(&H +/.&%.&""+%/F \$#)+60,&""+& '5+! +%/#.5G/F '&/G? 0'+.+5F%/.(& (6#'+%/F +/ 6&\$05F/#/# (M /60'#!
#?++A%508(. #"(&!	9! 6+'+58#/F 0,(/F '&/&3 @"06+.#/F +A0.F! #-6&)5G/F 0?&"(& \$#%/&*(./#F \$#%/&8-(H 5()0,-(H ?+5"((! #-6&)5G/F "#.>-(%#?++A%508(.#"(G)6(0?>.#"((H +'&.#"(((6#\$'&.#"((H)6()6(&?&)2(! <! 6(0,#/F '&/&3 %5&'(/F \$# %.+(? ."&@"(? .('+'H 6#'+.#/F%G ,(%/+3 -6#%(.+3 +'&8'&! %)>/>./#F ,0.%/.+ A6&\$*5(.+%/(- +/ \$#*6G\$"&""+3 +'&8'>H +/ *6G\$">M 60-H "&)6(,&%#"">M .+5+%! ! 6+'+58#/F 0,(/F '&/&3 %#?+%/+G/&5F"+ &%/F B0?&"(&)+5F\$+.#/F%G 5+8+3H)(/F (\$,#@-(H \$#M.#>.#G && .%&?()#5FE#?(D! + "#)+?("#(1 .6+&%5+*+)+5F\$+.#/F%G %#5J&/+3H *+.+6(/F %)#%(A+ H 0A(6#/F %.+3 %/05F,(-H .>M+'G (\$ %/+5#H)+5+%-#/F 6+!

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/, 0 & ,% & ,! = A0/, 3 %) ' - %) /

-1)	<p>,! .# .+3%/.# %+5"&, ">M 50,&3B"#)6+*05-&D &5FK +\$"#+?5&"(& %+ %.+3%/.#?(%+5"&, ">M 50,&3 B.+'#)+' .+\$'&3%/.(&? %+5"&, ">M 50,&3 (%)#6G&/%GD! #/&6(#5K 6&\$("+.>& ?G,(H 5&3-# % .+'+3! ,! <! +,&?0 " &)+50,(5%G)(6+8+-W &5FK +\$"#+?(/F%G %+ %.+3%/.#?()&%-# B)&%+- %0M+3 R %>)0,(3H (\$ "&*+ "&5F\$ (\$*+/#.5(.#/F -05,(,-(H)&%+- ?+-6>3 4 (\$ "&*+ ?+8"+ (\$*+/#.5(.#/F -05,(,- #/&6(#5K)&%+-H .+'#H J+6?+,-(!</p>
0 -1)	<p>,! :# &/&6! &5FK +\$"#+?5&"(& %+ %.+3%/.#?(.+\$'0M# B'.(8"(&H "#)6#.5&"(&D #/&6(#5K A0?#8">& .&6/0@-(!</p>
-1)	<p>,! > ! .+3%/.# 5F'#! &5FK +\$"#+?5&"(& %+ %.+3%/.#?(5F'# B/+-(3H M60)-(3D! #/&6(#5K 5'! ,! J ! "&* . -+?"#/& /#&! &5FK +\$"#+?5&"(& %+ %.+3%/.#?(%"&*# B\$#.(%(?+%/F %+%/+G"(G %"&*# +/ /?)&6#/06> .+\$'0M#D!#/&6(#5K %"&*H A#"+-#!</p>
0 1)	<p>,! K# #G"(& %"&*#! &5FK \$ #-6&)5&"(& \$"#"(3 + %.+3%/.#M %"&*# B /#&)6()+.>@&"((/?)&6#/06>H -6(%/#55(\$0&/%G)6()+"(8"((/?)&6#/06>D! #/&6(#5K %"&*!</p>
&)	<p>,! V# .+3%/.# %"&*#! &5FK +\$"#+?(/F %+ %.+3%/.#?(%"&*# B5()-(3H 6#%%)>,#/>3D! #/&6(#5K %"&! ,! W ! "#/(- (\$ A0?#*((/#"(! &5FK +\$"#+?5&"(& % "&-+/+6>?(%.+3%/.#?(A0?#*((/#"(! #/&6(#5K)+5+%- (A0?#*(H)+5+%- (/#"(!</p>
? & %)	<p>,! W# +%#'-# 50-#B'+5*+%6+, ">3 +)>/D! &5FK \$ #-6&)5&"(& \$"#"(3 + 8(\$"%" + .#8">M 0%5+.(GM)6+(\$6#%/#"(G 6#%/&"(3 B.5#*#H %.&/H /&)5+DH)6+%/#.5&"(& +)+%5+'&.#/&5F"+%/(/60'+.++)6+E&%#! #/&6(#5K)6+6+@/(3 50-H *+6@+, -(% \$&?5&3H .+'#! ,! Y# .+3%/.# .+'>! &5FK +\$"#+?5&"(& % +"(? (\$ %.+3%/. .+'> B\$#?&6\$#&/ R /#&/D! #/&6(#5K %+%05F-#!</p>
	<p>,! .L# +,&?0)+ '6+*#?)+A&8#5(60,F(W &5FK +\$"#+?5&"(& %+ %.+3%/.#?(%"&*# B/#&/ ()6&.6#2#&%G . .+'0D! ,! ..# .+3%/.# %+5"&, ">M 50,&3! &5FK +\$"#+?5&"(& %+ %.+3%/.#?(%+5"&, ">M 50,&3 B"##6&.#/F)6&'?&/+.D</p>
, %)	<p>,! .E ! 0?#8">& -+6#A5(-! &5FK +\$"#+?5&"(& %+ %.+3%/.#?(A0?#*(B "#?+-#& / . .+'&H 6.&/%GD! #/&6(#5K A0?#8">& -+6#A5(-H .+'#! ,! ..# .+3%/.# %+5"&, ">M 50,&3! &5FK \$ #-6&)5&"(& \$"#"(3 + %.+3%/.& %+5"&, ">M 50,&3 B"##6&.#/F)6&'?&/+.D</p>
'	<p>,! .># .+3%/.# ?+-6+*+)&%-#! &5FK +\$"#+?(/F %+ %.+3%/.#?()&%-# B %0M+3)&%+- 6#%%)>#&/%GH ?+-6>3)&% 5&(/%GH .>%>M#&/ "# %+5"E&D! #/&6(#5K)&%+-H 5&3-# % .+'3H J+6?+,-(H 5+/#/-(! ,! .J# &5#&? '6+8-((0\$+6> (\$)&%-#!</p>

&5FK)6+'+58(/F +\$"#+?5&"(& %+ %.+3%/.#?()&%-# B (\$ %0M+*+)&%-# ?+8"+.
.>)+5"/(F 0\$+6H (\$?+-6+*+ "&5F\$GD!
#/&6(#5K)&%+-H 5&3-# % .+'+3H A0/>5+,-#!
,! .K ! \$"#&?H -#-#G .+'#!
&5FK \$ #-6&)(/F \$"#"(G '&/&3 + %.+3%/.#M .+'> B)6+\$6#, "#GH A&\$ \$#)#M#H \$F&/%GD

; 3,% 0/ Q 3 2 /0 ,% & & 3% C ' * 9,, G 2 %0 H
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+%)(/#/&5FK &' +\$0A !!
""+.#E(+""#G)6+*6#??# '+@-+5F"+*+ +A6#\$+.#"(G / 6+8'&"(G +' @-+5> `)+'
6&! !! &6#-%>H !! +?#6+.+3H !! #%(5F&.+3H 4 !K +\$#(-#4 ("/&\$H <:9= *!

3	(& 9 / 1 !	/-	= %	3	* & 3 , - -
+ %.(#4 "(G 5&/+H \$'6#.4 %/.03 '&/%4 -(3 %#"	#\$.((& 0 '&/&3)+\$#.#/&5F"+3 ?+/(. #E((H (/&6&%# - @-+5&H -"(*&! O+6?(6+.#"(& '608&%-(MH 'A6+8&5#/&5F">M +"+"@&"(3 ?&8'0 '&/F?(! 6+'+58&"(& \$"#-+?%/.# % '&/%- (? %#'+? -#- A5(8#3@(? %+E(#5F">? +-608&"(& 6&A&"-# B+A6#/(/F ."(?#"(& "#)6+(\$+@&@(& (\$?&"&"(GK "+.#G *60))#H "+.#G ?&A&5FH (*60@-((/!!DH 6#%@(6&"(&)6&%/#.5&"(3 +)6+J&%%(GM %+/60"(+-.'&/%-+*+ %#'# B.+%)(/#/&5FH)+?+2"(- .+%)(/#/&5GH ?0\$>-#5F">3 60-.-+'(/&5FH 6#,H '.+6"(-H)+.#6D!	&"/ GA6F	S	&"F \$"#"(3	6#\$"(-"(*#R 50,@(3 '60*
			SS	+ %.('"FGH 5&/+	&,&6 \$#*#'+-
			SSS	/+ "#? 5&/+)+'#6(5+	>%/#.-#)+'&5+-
			Sj	5#+.#G)6(6+> B 6(A>H G*+>	0+5F">3 %)&/#-5F
%&"F	#%@(6&"(&)6&%/#.5&"(3 +A +%&"(!#\$.((& 0?&"(G 0%/#".5(.#/F)6+/%&3@(& %.G\$(?&8'0 G.5&"(G?(8(.+3 ("&8(.+3)6(6+> B)+M+5+'#5+ R (%,&\$5(A#A+,-(H +/E.&5(E.&/> (/!!DH .&%/(%&\$+"">& "#A51'&"(G! #%@(6&"(&)6&%/#.5&"(3 +&5F%+M+\$G3%/.&">M)6+J&%%(GMH +)6+J&%%((5&%"(-#! #%@(6&"(&)6&%/#.5&"(3 +)6#. (5#M A&\$+))#%" +*+)+.&'&"(G "#)6(6+&! +%)(/#"(& A&6&8" +*+ +/" +@&"(G -)6(6+&! O+6?(6+.#"(& Q5&?&"#6">M Q+5+*(,&%-(M)6&%/#.5&"(3! "#-+?(/F % 6+"">? *+6+'+?H &*+ (%/+6(&3!	-/G A6F	S	#6%/.+ '&6&.F&.	A+6 +%&"(M 5(%/F&. (%+\$#"(&+55&-/. " +3 6#A+> R)5#-#/ % %#?>?(-6#%(.>?((\$ %+A6#"">M 5(%/F&.
			SS	+5+/#G +%&"F	%&"(3)6#\$"(-
			SSS	&6#/ &'60\$FG	#\$?&2&"(& "#5+2#'-& -+6?0@-& '5G)/(E!
			Sj	+?"#/ & E.&/>	\$*+/+.5&"(& +55&-/. "+*+)#""+ '5G 0-6#@&"(G *+5-#)6(6+>
			j	+3 *+6+'	6&\$&"/#E((H)6#\$"(-

I/+ "# @# +"#	#%@(6G/F)6&%/#.5&"(& + %.+&3 %&?F&H6+'%/.&"">M +/"+@&"(GMH 6+J&%%(GM 6+'(/&5&3! "#-+?(/F % 6+"">? *+6+'+?H -6#&?H &*+ (%/+6(&3H -05F/06+3H .'#?(/ 6#%">6/#! #%@(6G/F)6&%/#.5&"(G + 6+""+3 %/6#"&H *+%0#6%/.&"">M)6#\$"(-#MH + J5#*&H *&6A&H *(?& +%%((H + %/+5(E& +%-.&H + 51'GM)6+5#(.@)(M +%%(1! +%)(/>.#/F 51A+.F - ?#5+3 +'(& H *+6'+%/F \$# '+(8&"(G %.+&3 %/6#">! SS	+G A6F	S	6#"%)>6/ +?H %&?FG	#\$\$.5&,&"(& T 6#%">3H 8[5/>3H \$&5[">3cT +6/(."+& 6#\$\$.5&,&"(& %+?.&%/"+"% 6+'(/&5G?(>6#%/&? %(5F">?((%?&5>?(H (\$*+/+.5&"(& %&?&3">M #5FA+?+.	
			SSS	+G 6+('# +%%(G	J+6?5&"(& #5FA+?# +G +'("#	
			Sj	6+J&%%((J+6?5&"(& #5FA+?# 6+J&%%((
+.+*+ ""(3 6#\$'4 "(-	#%@(6G/F)6&%/#.5&"(& '&/&3 +\$(?&H \$(?&3)6(6+'&! #\$.(#/F 0?&"(& 0%/#".5(.#/F 6+%/&3@(& %.G\$(?&8'0 G.5&"(G?(8(.+3 ("&8(.+3)6(6+'>! O+6?(6+.#/F (%%5&'#+&5F%-(3)+\$#.#/&5F">3 ("&6&% . M+'& Q-%)&6(?&"/(6+.#"(G % .+'+3H %"&*? (5F'+?! #%@(6G/F)6&%/#.5&"(G + ?&%/#MH *'& .%&*# \$(?#H + 8(.+/">M 6-/-(("/#6-/-(! SS	&-# A6F	S	(.+/">& 6-/-(((/#6-/-((-& 8(.+/">& ()/(> \$ (?+3	&,&6 +/-6>/(3 &/#6#5(4 \$+.#""+&)6&%/#.5&"(& #A0@-#4 \$#*#0@-# B)+ ?+/(.#! 60%-%+*+ J+5F-5+6#)6+ '(- (M 8(.+/">MD SSS	+"-06% +.+*+"GG (*60@-# "#@&3 %&?F(
			Sj	+.>3 *+' (?"(& \$#A#.>	+.+*+"(& 6#\$"(-) #\$.5&,&"(& +5G'-()	
			j	(?"(& \$#A#.>	#\$.5&,&"(& +5G'-()	
(?#	#-+?(/F % \$(?(?(.(#?(%)+6/#! O+6?(6+.#/F)6&%/#.5&"(& + A&\$+)%%"?)+.&8"((51'&3 \$(?+3! 6*#"(#+.#/F .%& .('> '&%-+3 '&G/&5F"+%/((.+-60* /&?> +.+*+ *+# ("+.+*+"&*+)6#\$"(-#H	".# 6F	SS	(?#	+"-06% (?"(M %/(M+..!	
			SSS	(?"(& .('> %)+6/#)+6/(."+& 6#\$\$.5&,&"(& '6#.%.03H *+%/FG \$(?#C	

	\$"#-+?(/F % /6#"(E(G?())6#\$"+.#"(G +.+*+ *+'#. 6#\$">M %/6#"#M! >\$.#/F Q?+E(+ "#5F" +4) +5+8(/&5F" +& +/" +@ &" (&)6&'%/+G2&?0)6#\$"(-0! # -5#" > .#/F +%" +.>)6#\$"(. +3 -05F/06>! 6*#"(\$+.#/F .%& .'> '&/%-+3 '&G/&5F" +%/(! .+-60* /&?>! &"F #2(/4 "(-# /&,&% .#		Sj	#@# *60))# !	+\$'#"(& O+/+#5FA+?# #@# *60))# !
&"F #2(/4 "(-# /&,&% .#	"#-+?%/.+ '&/3 % .+&"">?())6+J&%((G %&+5'#/H #/"-(%/H 5&/,(-H ?+6G-H)+*6#"(,(-DU % .+&""+3 /&M"(-+3 B/#"-H %#?+5&/H .+&"">3 -+6#A5FH .+&"">3 -6&3%&6DU % J5#*? +%%(((! +%)(/#"(& 51A.(- +'(" & %02&%/.5&"(& *&"&6" +*+ .+%)(/#"(G BJ+6?(6+/#/F 0 ?#5F,(-. %/6&?5&"(& A>/F % (5F" >?(H %?&5>?(H %/#/F \$#2(/"-#?(- +'(" >U .+%)(/#"(& . '&.+,-#M 0.#8&"(G - ?#5F,(-#? #- A0'02(? \$#2(/"-#? +'(" >D! 6(+A2&"(& - 60%<-+3 (%/ +6((,&6&\$ \$"#-+?%/.+ % A>5(" #?(+ A+*#/ >6GM!	9 R < J&.6 #5G	S	6+J&%(()#)H ("%/60?&" >H A>/+.#G /&M"(-#	>%/#.-#)'&5+- + "1 #2(/"-# /&,&%/.#!
			SS	+&""#G /&M"(-#	>%/#.-# +3)#)< R %+5'#/
			SSS	#@# 6?(G	6#\$"(-H +%.G2&"">3 "1 \$#2(/"-# /&,&%/.#!
#?"&"F	6*#"(\$#E(G .%&M .('+. '&/%-+3 '&G/&5F" +%/(! B(*6+.-+3H -+?0"(-#/(.+3H /60+.-+3H)+\$#.#/ &5F" +4(%%5&'+.#/&5F% -+3H R ;)6+'0-/(.+3H ?0\$->-#5F" +4 M0' +8&%/.&""+3H ,/ &"(GD .-+60* /&?> %&?F(H 51A.(- ?#?&H A#A0@-&! .+%)(/#"(& 0.#8&"(G - .+%)(/#/ &5G?H '60*(? %+/60"(-#? '&/%-+*+ %#'#! #%@(6&"(& *&"&6" >M)6&%/#.5&"(3! 6(.5&,&"(& '&/&3 - (\$*+/+.5&"(1)+'#6-+. ?#?&H A#A0@-&H .+%)(/#/ &5G?	<C J&.6 #5G ?#6/ #	Sj	#?> .%G-(& "08">H ?#?> .%G-(#&8">	>%/#.-# '&/%-+*+ /.+6,&%/.# 0-& /'5G ?#?>
#-+? %/.+ % "#6+" +3 -05F/0 6+3 (/6#'(4 E(G?(#%@ (6&"(&)6&%/#.5&"(3 + "#6+" +3 (*60@-&B'>?-+.%-#G (*60@-#H ?#/6&@-# '6!D! "#-+?%/.+ % "#6+" >?()6+?>%5#?(! 6(.5&,&"(& '&/&3 - %+\$'#"(1 0\$+6+. >?-+.%-+3 (J(5(?+"-.+3 6+%) (%(! 6+'58&"(& \$"#-+?%/.# % 0%/">? "#6+" >? /.+6,&%/.+? B)&%&"(-H)+&@-(('6!D! %)+5F\$+.#"(& J+5F-5+6#)6(+6*#"(\$#E((.%&M .('+. '&/%-+3 '&G/&5F" +%/(!	#6 / SS SSS Sj j	SS	#6+"#G (*60@-#H '&+6#/(& +4)6(-5#" +& (%-0%/%./+	>%/#.-# T \$'&5(G "#6+" >M)6+?>%5+.T!
			SSS	0%-%-(3 A>/ B?&A&5FD	+%0* T *+%/(! - A#A0@-& #6.#60@-&T!
			Sj	\$,&*+ ,/+ %'&5#" +	#\$5&,&"(& &"F %?&M#
			j	6(6+'# .%/" +3	+"-06% %/(M+. T &%/#)6(@5#T!

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 4 %/#".5(.#/F %.G\$F ?&8'0 %/6+&"(&? (J0"-E(&3!
 4 #\$.#/F %.+3%/.# ?#/&6(#5+.!
 4 ?&"(& +A%5&'#.#/F)6&'?&!
 4 60))(6+.#/F (-5#%%(J(E(6+.#/F M+6+@+ \$"#-+?>&)6&'?&/>!
 4 "#/FH ,/+ +"()6&'?&/> %'&5#"> 60-#?(,&5!H '60*(& %+\$#">)6(6+'+3!

(% G (0 3% / 3 3 , !H
 4 /6#8#/F)+50,&">& .)&,#/5&"(G . 6&, ()6+'0-/(.">M .('M '&G/&5F"+%/(!
 4 6&%/#.5&"(& + 6#%/"(GM (8(.+/">M!
 4 "#/F '+?#@"(M 8(.+/">M ((M '&"/>@&3H +%+A&""+%/((M)+.&"(G ()/#"(G!
 4 6&%/#.5&"(& + '(- (M 8(.+/">MH Q-\$+/(,&%-(M 8(.+/">M!
 4 6&%/#.5&"(& + "#%&-+?>M!
 4 6&%/#.5&"(& + A .+2#MH J60-/#MH G*+'#MH -#- 6#%/02(M . '#""+3 ?&%/"+%/((H /#-
 (Q-\$+/(,&%-(M!
 4 6&%/#.5&"(& + %#'+.>M (+*+6+">M 6#%/"(GM!
 4 "#& M#6#-/&6">& +%+A&""+%/((%5&'012(M '60* \$# '60*+? .6&?& " *+'#!
 4 6&%/#.5&"(& + %.+3%/.#M .+!'!
 4 "#-+?(/F % -+?"#/>?(6#%/"(G?(H 0?&"(& 0M#8(.#/F \$# "(?)!
 4 ?&"(&)+"(?#/F)6+%/&3@(& .#(?(+%.G\$(.)6(6+'& ('&5#/F)6+%/&3@(& +A+A2&"(G!
 4 "#-+?(/F %)6#.5#?(.)+.&"(G .)6(6+'&!
 4 ?&"(& \$#?&,#/F (\$?&"(G .)6(6+'&!
 4 6&%/#.5&"(& + /+?H ,/+ +%&"F1 %+A(6#1/ 06+8#3 +.+2&3 (J60/-+!.!
 4 6&%/#.5&"(& + M#6#-/&6">M +%+A&""+%/GM \$(?"&3)6(6+'>!
 4 ?&"(& "#A51'#/F \$#)/(E#?(H)+-#6?5(.#/F (M!
 4 #?&,#/F -6#%+/0 \$(?"&3)6(6+'>!
 4 #\$.#/F M#6#-/&6">& +%+A&""+%/((.&%& ""&3)6(6+'>!
 4 6&%/#.5&"(& +)6+%/&3@(M %.G\$GM .)6(6+'&!
 4 6&%/#.5&"(& + 5&/"(M (\$?&"(GM .)6(6+'&!
 4 "#/FH ,/+ 5&/+? %+\$6&.#1 / ?"+*(& J60-/>H +.+2(H G*+'>!

(% G (0 3% / / %) !3 3 3H
 4 #\$.#/&"&-+/+6>& %.&"(G + %&A& B?#5F,(-H %&6>& *5#\$#!!!D!
 4 ?&"(& "#\$.#/F %.+& (?G (.+\$6#%/
 4 "#/F "&-+/+6>&)6+J&%/(!
 4 6&%/#.5&"(& + "&-+/+6>M '&3%/.(GMH 6&\$05F/#/M /60'#!
 4 "/&6&% - ?#5+3 6+'("H \$"#/F "#\$.#"(& %&5#!
 4 #%%%-#\$.#/F + /+?H *" & *05G5(. .>M+">& "!(
 4 "#/F A5(8#3@&& +-608&"(&

(% G (& 2 H

4 A2#/F%G %+ \$"#-+?>?(.6+5>?((%.&6%/-#?()+%6&%/.+?)+60,&"(3!

4 50@#/F 6#%%-#\$> .%)(/#/&5G + \$#A#.">M %50,#GM (\$ 8(\$"(!

4 #\$.#>.#/F "#.#"(G ("#"#,(&)6&'?&/+. +'&8>H +A0.(H *+5+.">M 0A+6+.H)+%0'>H
?&A&5(H .(+. /6#"%)&+/#!

4 #\$.#>.#/F ("#\$>.#/F %02&%/.&"">& '&/#5((,#%/()6&'?&/+.!

4 #\$.#>.#/F ("#\$>.#/F +%+A& ""+%/ ()+.&6M"+%/(!

4 #\$.#>.#/F ("#\$>.#/F "&-+/+6>& ?#/&6(#5> ((M %.+3%/.#!

4 #\$.#>.#/F ("#\$>.#/F ?&%/+)+5+8&"(& B\$# +-+"?H .>%++H '#5&+H)+' @-#J+?D!

4 #\$.#>.#/F "&-+/+6>& %M+">&)+ "#\$#,&"(1)6&'?&/>!

4 #\$.#>.#/F '+?#@"(M 8(.+/">M ((M '&/&">@&3H .+2((J60-/>!

4 "G/+)6+(\$"+%(/F . %5+.#M *5#%">& B#H OH (H +H QD ("&-+/+6>& %+*5#%">& \$.0-(K
X A

4 X / X ' X - X *U J X .U / X % X \$ X E!

4 /,&/5(.+)6+(\$"+%(/F %5+.# (-+6+/-(& J6#\$>H *+.+6(/F %)+--3"+H % &%/&%/.&"">?(
(/+">#E(G?)!

4 +*5#%+.>.#/F)6(5#*#/&5F">& % %02&%/.(/&5F">?(. 6+'&H ,(5%&H)#&8&!
4)+/6&A5G/F %02&%/.(/&5F">& %)6&'5+*#?(B.H "#H)+H \$#H +-+5+D!

4)+/6&A5G/F . 6&,(?&"# %02! . J+6?& &'("%/.&""+*+ (?"+8&%/.&""+*+ ,(5%#H
+A+\$#,#12(& 8(.+/">M ((M '&/&">@&3!

4)+/6&A5G/F . 6&,(J+6?0 ?"+8&%/.&""+*+ ,(5%# %02&%/.(/&5F">M . 6+'(/&5F"+?
#)&8&!

4 +50,#/F (\$ "&6#%)6+%/6#"&"">M)6+%/>M)6&'5+8&"(3 6#%)6+%/6#"&"">&)0/&?
..&'&"(G . "(M +)6&'5&"(3H '+)+5%"&"(3H +A%/+G/&5F%/.!

4 +%/#.5G/F)6&'5+8&"(G % +"+6+>?(,5&"#?(!

4 ?&"(& .&%/((#5+* %)&'#*+*+? %50@#/F ()+"(#/F \$##%">3 .+)6+%H)+"G/+
+/.#/F "# "&*+H *+.+6(/F . "+6#5F"+? /?)&H "&)&6&A(.#G *+.+6G2&*+ .6+%5+*!
4 +A6+8&5#/&5F"+ +A2#/F%G '60* % '60*+?

(% G 1F 0 69 / & ' % 9 H

4 ?&"(& %50@#/F "+.>& % -#\$(H 6#%%-#\$>H %/(M(H %5&'(/F \$## 6#\$.(/(& ? '3%/.(GH
%+)&6&8(.#/F *&6+G?) 6+(\$.&"(G!

4 +*+.#6(.#/F %5+.# ("&%5+8">& '5G .+%)6+(\$.&'&"(G J6#\$> (\$ \$"#-+?>M
)6+(\$.&"(3!

4)+?+2F1 .+%)(/#/&5G ("%E&"(6+.#/F ('6#?#/(\$(6+.#/F "&A+5F@(& +/6>.-((\$
"#6+">M %-#\$+!

4 #%%-#\$.#/F "#(\$0%/F)+/&@-(("&A+5F@(& %/(M+/.+6&"(G!

1 (& %) - 1% /) G@9 / & =A/ 2 /0 (& H

(% G (1 (%) - - %) /)# / & H

4 &6&'#/F . 6(%0"-#M -6#%+/0 -+608#12(M)6&'?&/+. ()6(6+>!
4 6#. (5F"+ '&68#/F -#6#"?@H -(%/FH "& "#)6G*#G ?>@E ("& %8(?#G %(5F"+
#)5FE>!

4 .+A+""+& '.(8&"(& 60-(% -#6#"?@+? (-(%/F1 .+ .6&?G 6(%+.#"(G!
4 #A(6#/F -6#%0- "# -(%/F!
4 %0@#/F)6+?>/01 -(%/F + ?G*-01 /6G)+,-0 (5(A0?#8"01 %#5J&/-0!
4 "#(& "#.#"(3 E.&/+..!
4 +'A+6 E.&/#H %++/.&/%.012&*+ (\$+A6#8#&?+?0)6&'?&/0!
4 -6#@#/F '>?-+.%-?(0\$+6#?(% (50Q/> (*60@&-H .>6&\$#"">M .+%)(/#/&5&?H (6#"\$>M)6&'?&/+..!

4 (/?,"+& "#"&%&"(& 5("3H @/6(M+.H)G/&H ?#\$-+..!
 4 \$+A6#8#/F)6+%/>&)6&'?&/>H 6(%+.#/F)6G?>& 5("((. 6#\$">M "#)6#.5&"(GMH
)&6&-6&2(.#/F (M!
 4 \$+A6#8#/F)6&'?&/> 6#\$"+3 J+6?> ()6&'?&/>H %+%/+G2(M (\$ -+?A("#E(3 6#\$">M
 J+6? (5("3!
 4 ?&"(& %+\$#.#/F "&%5+8">& %18&/">& -+?)+\$E((H)+./+6GG (\$+A6#8&"(& +'"+"*+
)6&'?&/#!
 4 %%)+5#*#/F (\$+A6#8&"(G)+ .%&?0 5(%/0!

 (% G (1 (%) - - %) /)# 4 ,0 H
 4 #%-#/>./#F +?+,-()6G?>?((-60*+.>?('.(8&"(G?(H %+&"G/F +"E>
)+50,(. @&3%G)#5+,-(H %)512(.#/F @#6H %?"#G &*+ 5#+G?(+A&(M 60-!
 4 -6#@#/F .>5&)5&"">&)6&'?&/>H (%)+5F\$0G)#5+,-0 % \$#/+,&"">? -+ "E+?!
 4 +\$#.#/F)6&'?&/>H %+%/+G2(& (\$ <R ,#%/&3H %+&"(GG (M)0/&?) 6(8(?#"(G '60* -
 '60*0!
 4 --06#/"+)+5F\$+.#/F%G *5("3H -5#%/F -+?+,-((.>5&)5&"">&)6&'?&/> "#
 '+2&,-0!
 4 &)(/F "&%5+8">&)6&'?&/>H %+%/+G2(& (\$ "&%-+5F-(M ,#%/&3!
 4 AY&"(G/F .>5&)5&"">& J(*06-(. -+55&-/.01 -+?)+\$E(1!

 (% G (1 (%) - - %) /)# ,,% 0 -H
 4 >-5#'.#/F "# 5(%/& A0?#*(*+/+.>& '&/#5(6#\$"+3 J+6?>H .&5(,(")>H E.&/#H
 %+%/#.5GG (\$+A6#8&"(&H ("#-5&(.#/F (M!
 4 --06#/"+)+5F\$+.#/F%G -5&?K "#?#\$>./#F &*+ -(%/+, -+3 /+"-(? %5+&? "#
 +A6#/01 %/+6+"0 "#-5&(.#&?+3 J(*06>!
 4 6(-5#'.#/F %/+6+"3H "#?#\$""+3 -5&?H - 5(%/0 A0?#*(()5+/" +)6(8(?#/F
 %#5J&/+3!
 4 #.>- #--06#/"+3 6#A+/>!
 4 +\$#.#/F . #)5(-#E(("# A0?#*& 6#\$"+3 J+6?>)6&'?&/>& ('&-+6#/("./>&
 -+?)+\$E(((\$ *&+?&/6(,&%-(M J+6? ()6(6+/">M ?#/&6(#5+.H)+./+6GG (,&6&0G (M)+
 J+6?& (E.&/0!
 4 "#(& J+6?>)6&'?&/+. ((M E.&/#!

 (% G; / 90 & =3 %) - - %) /)H
 4 6+%/&3@(3 # "#5(\$ %+\$#'>M)+%/6+&!
 4 #\$/5(,/#FH "#\$>./#F ((%)+5F\$+.#/F +%"+">& %/6+(/&5F">& '&/#5(H %++608#/F
 "+.>&)+%/6+3-(H (%)+5F\$0G)+50,&"">& 6#"&& 0?&"(GH (%)+5F\$+.#/F .)+%/6+3-#M
 '#/5(6#\$"+*+ E.&/#!
 4 #%) +5#*#/F -(6)(,-(H)5#%/"> .&6(-#5F"+H %/#.(/F (M)5+/" + '60* - '60*0H "#
 +6&'&5&""+? 6#%/%+G"(!
 4 +\$#"(& .#6(#"/+. -+"%/60-E(3H '+A#.5GG '60*(& '&/#5(!
 4 \$?&"G/F)+%/6+3-('0?G %)+%+A#?(K \$#?&"GG +"('&/#5('60*(?((5("#%/6#(.#G
 (M . .>%/+0H '5("0!
 4 &5#"(& %++608#/F)+%/6+3-()+ %+A%/.&""+?0 \$#?>%50!
 4 A>*6>./#F)+%/6+3-(H +AY&"(G/F (M)+ %18&/0!
 4 +%5& (*6> #--06#/"+ % -5#>./#F '&/#5(. -+6+A-(!

 (% G 9(!0 %) - - %) /)H
 4 50@#/F ?0\$>-#5F"+&)6+(\$.&'&"(& ' + -+ "E#H)+"(?#/F M#6#-/&6 ?0\$>-(H 0\$#.#/F (+
 +6&'&5G/FH %+-5F+ ,#%/&3 .)6+(\$.&'&"((!

4 ##\$5(,/F \$.0-()+ .>%+/& .)6&'&5#M +-/#.> X %&)/(?>H \$#?&,#/F (\$?&"&"(& .
 %(\$5& \$0,#"(G ?&5+'((B*6+?-+H /(M+D!
 4 ##\$5(,/F \$.0,#"(& ?0\$>-#5F">M (*60@-&-H '&/%- (M ?0\$>-#5F">M ("%/60?&" /+.!
 4 &.,&%-(& "#.>-(K)&/F A&\$ "#)6G8&"(G . '(#)\$+"& 6& B?(D X 5G B%(DH . +"+?
 /&?)& %+ .%&?(H ,(%/+ (G%" +)6+(\$"+%/(F %5+.#H)&6&'#.#/F M#6#-/&6)&%"(!
 4 +)&.#/F ?&5+'((-+5>A&5F">M)&%&"!
 4 "# %5+* A#14A#1 (.&%&5>M ?&5+'(3 "# %5+* 5G45G !
 4 #.>- %+,("(/&5F%/.# .&%&5>M (*60%/">M ?&5+'(3)+ +A6#\$E0!
 4 .(*#/F%G . %++/.&%/.((% '.0M,#%/" +3 J+6?+3 ?0\$>- ((% (5+3 && \$.0,#"(G B*6+?-+H
 /(M+D!
 4 &#*(6+.#/F "# "#, #5+ \$.0,#"(G ?0\$>- ((&& ++-",#"(&
 4 #6@ (6+.#/F .?&%/& %+ .%&? ((("(.('0#5F"+H A&#/#/F 5&*-+H . 0?&6&" +? (A>%/6+?
 /&?)&)+? 0\$>-0!
 4 608(/F%G .)#6#MH .>)+5"G/F)6G?+3 *#5+)H '.*#/F%G)+' ?0\$>-0 6(/?(,"+ (
 %+*5#%" + /&?)0 (M#6#-/&60 ?0\$>-#5F"+*+)6+(\$.&'&(GH %)6&'&?&#?((A&\$ "(M!
 4 #?+%/+G/&5F"+& .>)+5"("& #/E&.#5F">M '(8&"(3)+')5G%+.>& ?&5+'(!
 4 +,"+ .>)+5"G/F '(8&"(GH)&6&'#12(& M#6#-/&6 (\$+A6#8#&?>M 8(.+/">M!
 4 #\$.#/F "&+-/+6>& ' &%-(& ?0\$>-#5F">& ("%/60?&" />H # /#-8& (M \$.0,#"(&
 4 +'>*6>.#/F "# '&%-(M 0#6">M ?0\$>-#5F">M ("%/60?&#/M!

(% G (& * & ' - %) / B % (& ! * !DH
 4 "/&6&% - /(\$+.#" +3 (*6&!
 4 ?&"(& %5&'(F \$# 6#\$.(/(& ?'&3%/.(G . (*6#M4'6#?#/(\$#E(GM (-0+5F">M
 %)& #-5GM!
 4 ?(/ (6+.#/F M#6#-/&6">& ' &3%/.(G)&6%+"#8&3H)6&'#.#/F Q?+E(+ "#5F"+&
 %+%/+G"(&
 4 +)6+.+8#/F '(8&"(G)6+%/+3)&%&" +3!
 4 &5#"(& ' &3%/.+.#/F % Q5&?&#/?(+%/1?+. #/6(A0/#?(!
 4 ?)6+.(\$ (6+.#/F "# "&%5+8">& %18&/>)&%&"!
 4 >%/0#/F)&6&' -0-5#?((%.&6%/"(-#?(!
 4 ,#%/.+.#/F . A&%& & + /&!

1 (& %) - 1% /) G? (2 /0 (& H
 (% G? 3 & 2 %) !6 , / &% ' (& 3 1 ((H
 4 ?&"(& 6#\$5(,/#/F ("#>.#/F +6*#" >,0.%/..!
 4 6&%/#.5&"(& + 6+5(+6*#" +,0.%/.. +6*#"(\$?& (+ /+?H -#- (M A&6& F (0M#8(.#/F \$#
 "(?)!
 4 6&%/#.5&"(& +)+5&\$"+3 (.6&" +3)(2&!
 4 6&%/#.5&"(& +A +.+2#M (J60-/#MH ?+5+,>M)6+'0-/#MH)+5&\$">M '5G '\$+6+.FG
 ,&5+.&#!
 4 6&%/#.5&"(& + /+?H ,/+ 0/6&" GG \$#6G'-#H (*6>H J(\$(&%-(& 0)6#8&"(G .>\$>.#1/
 M+6+@&& "#%/6+&"(&!
 4 6&%/#.5&"(& + "&+AM+'(?+%/(\$#-#5(.#"(G!
 4 6&%/#.5&"(& + E&" +%/(\$'+6+.FG!
 4 &5#"(& .&%/(\$'+6+.>3 +A6#\\$ 8(\$"(!
 4 ?&"(& % + +A2#/F + % .+& ? %#?+,0.%/..(.6+%/5>?H +%+\$#.#/F "&+AM+'(?+%/F
 5&,&"(G!
 4 +/6&A"+%/F . % +A51'&"(("#.>-+. *(&" > (+)6G/" +%/ (.)+.%&"&." +3 8(\$"(!
 4 6+%/&3@(& "#.>- ()+.& &"(G . + .6&?G &>H 0?>.#"(G!
 4 ?&"(& %5&'(F \$# % .+ (? .& @" (? .(+? !
 4 6#. (5F"+)+5F\$+.#/F%G ?>5+?!

4 #%"M+ .>/(6#/F%G)+%5& 0?>.#"(GH .&@#/F)+5+/"E& "# ?&%/+H)+5F\$+.#/F%G
 6#%,&%-+3H "+%+.>?)5#/+-?!

4 I5&?&"/#6">& "#.-(-)+.&'&"(G \$# %/+5+?!

(% G? (2 /0 - 09%) 9 H

4 P+'(/F (A&*#/F %.+A+"+H "& @#6-#G "+*#?(H "& +)0%-#G *+5.+>H %+M6#"GG
)&6&-6&%/"01 -++6'("#E(1'.(8&"(3 60- ("+!

4 &3%/.+./F %+.?&%/"+!

4 /6+(/F%G . -+5+"0)+ +" +?0H @&6&"*0H -60*H "#M+'(/F %.+& ?&%/+)6(
)+%/6+&"(GM!

4 I"&6*(" + +//#5-(./#F%G '.0?G "+*#?(()6#. (5F"+)6(\$&?5G/F%G .)6>8-#M % .>%+/>H
 "# ?&%/& (%)6+'.(8&"(&? .)&6&!

4 6(" (?#/F)6#. (5F"+& (%M+"+&)+5+8&"(& .)6>8-#M . '5("0 (.>%+/0 % ?&%/#!
 4 6(" (?#/F)6#. (5F"+& (%M!)+5+8&"(& . ?&/#"((?&@+, -+. %)&%--?H ?G,&3
 '#?&/6+? 9LR<: %?!

4 +.(F ?G, '.0?G 60-#?(+" +.6&?&""+!

4 "/&6&% - %)+6/0!

4 ?&"(& -#/F%G "# %#" -#MH %#'(/F%G "# /6&M-+5&%">3 .&5+%()&!

4 +M6#"G/F)6#. (5F"01 +%"#-0 .)+5+8&"(GM %('GH %/+GH . '.(8&"((H)6(.>)+5"&"(()6#8"&"(3 . 6#. "+.&%(!

4 &#*(6+.#/F "# %(*"#5> A&*(H 5+.(H %/+3 ('6!
 4 >)+5"G/F)6#. (5# .)+'(8">M (*6#M!

4 #?+%/+G/&5F"+%/F (/.+6,&%/.+)6(.>)+5"&"((J(\$(&%-(M 0)6#8"&"(3H .
)+'(8">M (*6#M!

4 #.>-(5#\$#"FGH)+5\$#"(G!

4 ?&"(& %+A51#/F Q5&?&"/#6">&)6#. (5#H %+*5#%+.>#/F '.(8&"(GH +6(&"/(6+.#/F%G .
)6+%/6#"%/.&!