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"#!"%&'&()*+(!)!!
 , '&-./!0%-&1')23.4&%5!6%331#-.(#1'!-7.!#&87-!19!..:.;1'!!
 -1!-7.!<1;=. '-!19!-7.!7&87.)!%-&%>5.!)-%'/%#//19!37;)&4%5!%'!/=.'-%5!7.%5-7!
 ?99&4.!19!-7.!&87!A1==&))&1'.#19!#!@=(%'!6&87-)!
 , '&-./!0%-&1')!99&4.!-!B.'. :;%!
 A@CDEDD!B.'. :;%!DF!
 2G&-H.#5%'/!
 ! ! ! ! ! ! ! ! ! I!J(8(-)EFEF!
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 ".%#!"#\$*(#%)+!
 !
 K.!%#!G##&-&'8!-!1;1(!'!>.7%59!19!-7.!K1#5!/*);47&%-##&4!J))14&%-&1'!LK*JM!%'!/-7.!K1#5!/N./&4%5!J))14&%-&1'
 LKNJMJ!#'.)31').-!1;(##.31#-LJ0@6A0PP0PQM!)(>=&-./!-!-7.!PP-7!))&1'!19!-7.!&-./!0%-&1')L,OM!@=(%'!
 6&87-)!A1('4&5!DR!S('!T!U!S(5;!EFEF!S!K*J!%'!K N J!G7&47!#.3#.).'-!-18.-7.#! =&5&1')!19!37;)&4%5!%'!#1('!
 -7.!85!>.!'&'45(/&'8! =1#.!-7%!'EER+FFF!3);47&%-##&4!)+7%!.!3#.:&1(5;!)(>=&-./!41==.'-)!&'!#'.)31').-!-1!-7.!
 23.4&%5!6%331#-.(#)1#.#31#-!&'EFDI!LJ0@6A0UR0EDM!!
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 J)!G.'!1-./!&'!1(#!3#&1#!41==.'-)+-7.!K*J!%'!/-7.!K N J!)7%#! =1)-!19!-7.!81%5)!#.95.4-./!&'!-7.!6.#31#-)!19!-7.!
 23.4&%5!6%331#-.(#1'!-7.!#&87-!19!..:.;1'!-1!-7.!<1;=. '-!19!-7.!7&87.)!%-&%>5.!)-%'/%#//19!37;)&4%5!%'!/
 =.'-%5!7.%5-7!\$W!13#-&4(5%#!G!)#1'85;!99&#=-!7%!-!7.#.!&!)!17.%5-7!G&-71(-! =.'-%5!7.%5-7!K.!41'/. =!G&-71(-!
 #.).#:%&-&1'!%' ;19!#=#!19!>().)!+!&15.'4.1%'/!/&)4#&=&'&-&1'!%8%&'!)-!3%-&-)!G&-7! =.'-%5!/&)1#/#)!#!/'!#.%99&#=-!7!-
 .-7&4
 K.!#.#8.-!-7%!-7.%5-7!3#19.))&1'%)5!7%:.'!1!>.!'!41')(-./!%-!%;!)-%8.!19!-7.!/#%9-&'8!3#14.))!19!#.#.31#-!G7&47!T!
 &'!1(#!13&'&1'!C!47%55.'8.)!..#.#5;-!7.!13);47&%-##&4!3#19.))&1'!\$X1-7!K*J!%'!K N J!7%:.'!/. :.513./!811!G1#Y&'8!
 #.5%-&1')7&3)G&-7!-7.!23.4&%5!6%331#-.(#!/(##&'8!7&)! =%' /%-!%' /!G!7%:.'!#.#.3.-./5;!99&#=-./!1(#!G&5&'8'.))!-1!
 >.!&'45(/!&'!-7.!/&)4())&1'!G&-7!-7!(!.)!%' /!-7.!#.#.5.:%'-!%4-1#)S!
 !
 K.!Z3#.)!)(#18#.#-!41'4.#!1! :.#!-7.41'-'&'(./!'!8%-&:.'!31#-##%;%5!19!3);47&%-##&4!&'!-7.!/14(=.'-)+!
 %' /!-7.!/&)3%#%8. =.'-!19!41'-. =31#%#;+! :.&/.'4.C>%)!/&33#1%47.)!-1!-7.!#.#.- =.'-!19! =.'-%5!/&)1#/#)!#)!K.!9.#%!
 -7%!-7.!13.#)!%5!&.'G)!19!-7.!23.4&%5!6%331#-.(#!G7&47!#.#.!1-#.#.95.4-&:.'!19!-7.!%)-! =%<1#&-;!19!7&4!155.%8(.)&'!
 -7.! =.'-%5!7.%5-7!3#19.))&1')!1#!19!-7.!Z.-)'&:.'!>1/;!19!/%-!-7%!-7%!)>..!4155.4-./!&'!>1(-!-7.!1.99&4%4;!19!
 3);47&%-##&4!#.#.- =.'-)+7!5!-7.!131-.'-&%5!9!1#14%()&'8!(>)-%'-&%5!7%#=-!-1!-7.! :.#;13.135.!G71).!&'-.#.-)!-7.!23.4&%5!
 6%331#-.(#!3(#31#-)!-113-2(!)-!3#;13#.'-4/!
 -7%!-!%33#1%47.)!-1!-7.!#.#.- =.'-!19! =.'-%5!/&)1#/#)! =(-)!>.>%)!./!&-7.#!1'!%![=./&4%5&H./\!%33#1%47!1#1'!1'C
 =./&4%5+!3);471)14&%5!&'&-.#.:.'-&1')!-7%!-!%Y.!&'!-1!%441('!-!-7!.)14&%5!41'-.Z!19!3%-&-)!-V!5&:.)\$!*);47&%-##&4!)-!
 G1#5/G&/!#.418'&H.!-7.!&' :%5&/&-;!19!-7&)/&471-1 =!%' /!-7.!'.4.))&-;!19!#!41=>&' /!>&13);471)14&%5! =1/!5!9!#!
 ('/.)#-%'&'8!%' /!-!#.#.-&'8! =.'-%5!/&)1#/#)!\$!7!/. :.513 =.'-!19!99.4-&:.'! =./&4%-&1')!9!#!-7.!#.#.- =.'-!19! =%';!
 =.'-%5!/&)1#/#)!+&'45(/&'8!3);471.)+>&315%#!/&)1#/#)!/.3#.)&1'+'!Z&-; /&)1#/#)!%' /!-7.#)!7%!)!.'%>5./!
 41('!-5.))!3.135.!-11#.-(#!'-!1!7%33;+!3#1/(4-&:.'!5&:.)\$!@1G.:.#! =%';!3%-&-)!%5!1!>..9&-!9#1 =!#.#.- =.'-!G&-7!
 . :.&/.'4.C>%)!/&3);471-7.#%3&.)!G&-7!1#!G&-71(-!-7!(!).!19! =./&4%-&1'+'! /!9!#! =%';!1-7.#) ^ .)3.4&%55;13.135.!G&-7!
). :.#.1% /!3.#&)-.'-! =.'-%5!/&)1#/#) ^ &'-.#.:.'-&1')!(47!%)!14&%5!Y&55)!-##&'&'8!144(3%-&1'%)5!#.7%>&5&-&-&1'+'! /!
 %)&)-'4.!G&-7!)47115&'8!71()&'8!%' /!-7.#!)14&%5!'.//)!%#.!)).'-&%5!41 =31'.-)!19!99.4-&:.'!#.#.- =.'-!\$!
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 !7!6.#31#-!%5)1!&'41##.4-5;!_(%-.)! =./&4%5!%33#1%47.)!-1! =.'-%5!/&)1#/#)!G&-7!>().!19!3%-&-)!-V!7(=%'!#&87-)!\$!
 A1 =.'-)!)(47!%)![N./&4%5&H%-&1'!%99.4-)!..#;!%3.4-!19!-7.!5&:.)!19!3.#)1')!G&-7!3);471)14&%5!/&)>&5&-&-&1'&)-!
 ('/.)# =&'&'!-7.#!%>&5&-&-&1! :!-! :!G1#Y+!#.'-!%71 =.!' /! :!9(55!4&-&H.')!G71!3%#-&4&3%-.&'!-7.#!41 = (= &-&.)\!%#.!
)&=35;!G&-71(-!91(' /%-&1'\$! a99.4-&:.'!3);47&%-##&4!#.#.- =.'-!&'!1-!&'41 =3%-&-&5!G&-7!)4#(3(51()!41'4.#!%'!>1(-!
 3%-&-)!-V!#&87-)!%' /!#.)3.4-!9!#!3%-&-)!-V)!%(-!1'1 =1()!3.#)1') ^ 31)&-&1')!)-#1'85;!)(331#-./!>;!1(#!1#8%&'&-&1')\$!

