

" #\$\$&'(\$)\*!+,!-+.)/!01+'\$23!  
4+11&5&!+,!6&/3%\$+'3!3#2!4+7 7 .#\$)\*!- 8\$&#8&(!  
9 & : 3')7 &#)!+,! ; &#)3!<&3!)/!=3>! ? !@+!\$8\*!  
ABBCA!DE!6' .8&!6E!9+>#(!6!%2E!F3 7 : 3!0=!BBHIC!  
J ,,\$8&k!LMABN!OPQRSSBM!T!U 7 3\$IK!3!#+')+I

!

! 4&')\$,,\$&2!4!\$#\$831!F'3. 73!@'+,&((+\$#31!L44F@N!  
^#)&#3)\$+#31!4&')\$,,\$83)\$+#!?!X&8\$: '+8\$)\*!4+#(+)\$ . 7cW18+ /+!3#2!J)/&'!9' .5!WY. (&G!^#8E!  
! ^#)&#3)\$+#31!\*!4&')\$,,\$&2!W18+ /+!3#2!9' .5!4+ .#(&1+'!L^4W94N! \_AIAAHQ!  
D3)\$+#31!6+3'2!,+'!4&')\$,,\$&2!4+ .#(&1+'(!!  
! D3)\$+#31!4&')\$,,\$&2!4+ .#(&1+'!LD44N! \_ACHOHAC!  
! 4&')\$,,\$&2!4!\$#\$831! ; &#)31!<&31)!/!4+ .#(&1+'!L44 ; <4N! !  
D3)\$+#31!6+3'2!+,!0+'&#(\$8!U%31.3)+ '(!  
! 4&')\$,,\$&2!0+'&#(\$8! ; &#)31!<&31)!/!U%31.3)+!L40 ; <UN! \_CCCCHO!  
! 4&')\$,,\$&2!0+'&#(\$8!6&/3%\$+'31!W#31\*!)!L406WN! \_CCCCA!  
! 4&')\$,,\$&2!0+'&#(\$8!@(\*8/+7&)'\$!)!L40@N! \_CCCCB!  
D3)\$+#31!4&')\$,,\$83)\$+#!4+77\$((+\$#!,+'!W22\$8)\$+#!@'+,&((+\$#31(!  
! ; 3()&'!W22\$8)\$+#!4+ .#(&1+'!L ; W4N! \_SCOSPM!  
!  
!  
!"#\$%&'(\$)\*!+,!-+.)/!01+'\$23!LF37 :3G!0=N!  
4+11&5&!+,!6&/3%\$+'31!3#2!4+77 .#\$)\*!-8\$&#8&(!  
!LICIR: '&(&#)NG!9&:)E!+,! ; &#)31!<&31)!/=3>!?!@+!\$8\*!  
!LICABRICIING!



D+')+#G!WE!LICICG!e.#&NE!4 J d^9RAO!:'&83.)\$+#(!,+!4 ; < 4 (E!  
G!HRME!!

D+')+#G!WE!LICICG!e.#&NE!=\$5\$(13)%&!.:23)&!,+'!4 ; < 4 (E!  
G!ACRAAE!

D+')+#G!WE!LICICG!e3#.3'\*NE!-&3(+#[(!5'&&)\$#5(K!0 ; < 4W!:'&(\$2&#)\$31!.:23)&E!  
G!BRHE!!

D+')+#G!WE!LICAOG!D+%& 7 Y&'NE!0 ; < 4W!&5\$(13)%&!:'\$+'\$)\$&(E!  
G!IRSE!

D+')+#G!WE!LICAOG!J 8)+Y&'NE!=\$8&#(. '&!:+')3Y\$1\$)\*!3#2!\$)(!8+##&8)\$+#!>\$)/! ; &2\$83'&G!+#1\$#&!  
8+.#(&1\$#5!3#2!7 \$1\$)3'\*!8+.#(&1\$#5E!  
G!BRSE!

D+')+#G!WE!LICAOG!-:'\$#5NE!` /3)!4 ; < 4(!(/+.12!a#+>!3Y+.!)7 &2\$83!7 3'\$i.3#3E!  
LING!AIRAME!/):(kcc>>>E3#+')+#E8+7c.(&'\$1&(cHMMBOIc,\$1&cAIR  
AM n ICW2%+83)&m-:'\$#5ICAOR ; &2 ; 3'\$i.3#3RD+')+#LANE:2,!!

D+')+#G!WE!LICAOG!` \$#)&'NE!F/'&&!&3(+#!)+!322!,+'&#(\$8!&%31.3)\$+#!)+!\*+.!'!:'38)\$8&E!  
LANG!ACRAAE!  
/):(kcc>>>E3#+')+#E8+7c.(&'\$1&(cHMMBOIc,\$1&cF/'&&n ICX&3(+#!(n IC)+n ICW22 n IC0+  
&#(\$8 n ICU%31.3)\$+#!(n IC)+n IC0+.' n IC@'38)\$8&n ICLW2%+83)&n IC ; 353j\$#&n IC` \$#)  
&' n ICICAONE:2,!!

D+')+#G!WE!LICAMG!O31INE!X&5.13)\$+#!('&13)&2!)+!'&(:+#2\$#5!)+!81\$&#)!'&p.&()(!,+!'!&7+)\$+#!3!  
(. : :+!)!3#7 31( q ,+.'!,38)(E!  
LBNG!IRIHE!  
/):(kcc>>>E3#+')+#E8+7c.(&'\$1&(cHMMBOIc,\$1&cW2%+83)&n ICU-W n ICW')\$81&E:2,!

D+')+#G!WE!

W 7 &'\$83#!4+. #(&!\$#5!W((+8\$3)\$+#! ICAIR@'(&#)  
W 7 &'\$83#! ; &#)3!1<&31)/!4+. #(&1+'(!W((+8\$3)\$+#!  
! -+.)/'&'#X&5\$+#3!9\$'&8)+'  
! W##. 3!4+#,&'&#8&!4+7 7\$))&&!  
! U)/\$8(!4+7 7\$))&&!=3\$(+#!  
! JDU!W ; <4W!F3(a!0+'8&!  
! 4+#(.1)\$#5!U2\$)+'G!  
! ^#&'#3)\$+#3!4+. #(&!\$#5!F3(a!0+'8&!4/3\$'  
W 7 &'\$83#!@(\*8/+1+5\$83!W((+8\$3)\$+#!  
W((+8\$3)\$+#!,+!4+. #(&1+'!U2. 83)\$+#!3#2! - . : &'%\$(\$+#!LW4U-N!  
W((+8\$3)\$+#!,+!&=(Y\$3#G! ] 3\*G!6\$(&k. 3!G! ? !F'3#(5&#2&'!^((. &(!\$#!4+. #(&!\$#5!  
01+'\$23!4&' )\$,83)\$+#!6+3'2!  
! 4&'\$,\$&2!F&1&/&31)/!@'38)\$)\$+#&'!Uk3 7!9&%&1+: 7 &#)!4+7 7\$))&&!  
01+'\$23! ; &#)3!1<&31)/!4+. #(&1+'(!W((+8\$3)\$+#!  
@3()R@'&(\$2&#)!  
'&(\$2&#)!  
! U2. 83)\$+#3!G!F'3\$#5!- )3#23'2(G! ? !4+#)\$# . \$5!U2. 83)\$+#!4+7 7\$))&&G!4/3\$'  
! W##. 3!4+#,&'&#8&!4+7 7\$))&& !  
! U)/\$8(!4+7 7\$))&&!  
! ]+%&'#7 &#)!X&13)\$+#(!4+7 7\$))&&4/3\$'  
^#&'#3)\$+#3!W((+8\$3)\$+#!,+!4+. #(&1!\$#5!L^W4N!  
DWW9W4G!)/&'W((+8\$3)\$+#!,+!W22\$8)\$+#!@'+,&((+\$+31(!  
D3)\$+#3!W((+8\$3)\$+#!,+!&=(Y\$3#! ? ! ] 3\*!W22\$8)\$+#!@'+,&((+\$+31(!LDW= ] W@N!!  
D3)\$+#3!6+3'2!+ ,!0+'&#(\$8!U%3!.)+ '(!  
Uk&8. )\$%&!9\$'&8)+'  
!!!!4/3\$'+ ,!F'3\$#5!9&%&1+: 7 &#)! ? !^7 :1&7 &#)3)\$+#!  
D3)\$+#3!X&/3Y\$1\$3)\$+#!W((+8\$3)\$+#!  
- . #8+3(! ; &#)3!1<&31)/!4+. #(&1+'(!W((+8\$3)\$+#!  
4/3\$'+ ,!&=5\$(13)\$%&!4+7 7\$))&&!  
4/3\$'+ ,!@. Y!\$8!X&13)\$+#(!4+7 7\$))&&!  
@3()R@'&(\$2&#)!  
'&(\$2&#)!!  
'&(\$2&#)RU!&8)!!  
-&3'8/!4+7 7\$))&&!  
! 4U!- . Y8+7 7\$))&&!

ICAAR@'(&#)!  
ICAMR@'(&#)!  
ICAMRICIC! !  
ICAOR@'(&#)!  
ICAORICIA!  
ICAMR@'(&#)!  
ICAOR@'(&#)!  
ICAR@'(&#)!  
ICAMR@'(&#)!  
ICAIRICAM!  
ICIA!  
ICAAR@'(&#)!  
ICARICII!  
ICAMRICIA!  
ICAQR@'(&#)!  
ICABRICAH!  
ICAORICIA! !  
ICAMR@'(&#)!  
ICAOR@'(&#)!  
ICCP@'(&#)!  
ICCORICAQ!  
ICHR@'(&#)!  
ICASRICAH!  
ICCSRICAC!  
ICAAR@'(&#)!  
ICAOR@'(&#)!  
ICHRICAO!  
ICASRICAH!  
ICAQRICAS!  
ICABRICAQ!  
ICABRICAQ!  
ICAQRICAS!

W 7 &'\$83#! ; &#)3!1<&31)/!4+. #(&1+'(!W((+8\$3)\$+#!  
@. Y!\$8!3#2!4+7 7 . #)\$\*!- &'%\$8&!W>3'2!  
!W')\$8!&!,!)/&!o&3'  
; &#)3!1<&31)/!4+. #(&1+'!+,!)/&!o&3'  
" #&%&'(\$)\*!+,!-+.)!/01+'\$23!X&/3Y\$1\$3)\$+#!3#2! ; &#)3!1<&31)/!4+. #(&!\$#5!  
! W2i. #8)!^#( )' . 8)+!+,!)/&!o&3'!

ICICRICIA!  
ICAMRICAQ!  
ICASRICAH! !  
ICAPRICAM!



D+')+#G!WE!LICIIG!-&:)& 7 Y&'!BCNE! !` &Y\$#3'!: '&(&#)&2!,+!'!-+.)/!  
01+'\$23!W((+8\$3)\$+#!+,!4 / '\$()\$3#!4+ .#(&1+'(E!!  
D+')+#G!WE! ? !<+,, 7 3#G!DE!LICIIG!-&:)& 7 Y&'!IONE! E!  
@'&R8+#,&'&#8&!>+'a(/+!: '&(&#)&2!,+!'!=\$8&#(&2!@'+,&((+\$+#31!4+ .#(&1+'(!W((+8\$3)\$+#!+,!  
D+')/!43'+1\$#3!\$#! ` \$#()+#R-31& 7 G!D4E!  
D+')+#G!WE! ? !<+,, 7 3#G!DE!LICIIG!-&:)& 7 Y&'!IQNE!  
` &Y\$#3'!: '&(&#)&2!,+!'!=\$(\$3#3!4+ .#(&1\$#5!W((+8\$3)\$+#E!!  
D+')+#G!WE!LICIIG!-&:)& 7 Y&'!IBNE!  
!@'&(&#)&2!3)!01+'\$23!  
X&/3Y\$1\$3)\$+#!W((+8\$3)\$+#[(!3##. 31!8+#,&'&#8&!\$#! J '13#2+G!0=E!  
D+')+#G!WE!LICIIG!-&:)& 7 Y&'!IBNE!  
E!@'&(&#)&2!





! "\$%&' \$(%)&\* \$++ , - ,&\$ .& / , 0"12\$#" +&"%3&\* \$ 4 45%2(6&782, %8, 9)& : %21, #92(6&\$ .&7\$5(0& ; +\$#23" &<2("&=>===

D+')+#G!WE!LICIAG!W: '\$!MNE!

! t &\*#+)&!322'&((!:'&(&#)&2!,+'! ` &(!d\$'5\$#\$3!@'+,&((+\$#31!4+.#(&1+'(!

W((+8\$3)\$+#[(!3##.31!8+#,&'&#8&E!

D+')+#G!WE!LICIAG! ; 3'8/!ASNE!

` &Y\$#3'!: '&(&#)&2!,+'!d&' 7+#)!W22\$8)\$+#(!@'+,&(

D+')+#G!WE!LICICG! J 8)+Y&'!IANE!

! ` &Y\$#3'!: '&(&#)&2!,+'!DWW9W4G!)/&!W((+8\$3)\$+#!,+'!W22\$8)\$+#!

@'+,&((\$+#31(E!!

D+')+#G!WG!LICICG! J 8)+Y&'!AHNE!

! ` &Y\$#3'!: '&(&#)&2!,+'!01+'\$23! ; &#)31!<&31)!/4+.#(&1+'(!

W((+8\$3)\$+#E!

D+')+#G!WE!LICICG! -&: )& 7 Y&'!INE!

E! ` &Y\$#3'!

6&&(+ #G!UEG! ] ++2 7 3#G!<EWEG!D+')+#G!WEG!?! ; \$11&'G!e!LICICG!O&Y'.3'\*!AONE!

!` &Y\$#3'!

: '&(&#)&2!,+'!W((+8\$3)\$+#!,+'!6&/3%\$+'31!<&31)!/3#2!` &11#&((E!  
D+')+#G!WE!LICICG!O&Y'.3'\*!MNE!

! "\$%&' \$#(\$%)&\*\$++ , - ,&\$.&/ , 0"12\$#" +&"%3&\*\$ 4 45%2(6&782, %8, 9)& : %21, #92(6&\$.&7\$5(0& ; +\$#23" &<2("&=>===!!!AI!

D+')+#G!WE!LICA0G!e.#&!IMNE!  
!@'&(&#)&2!,+'!W 7 &'\$83#! ; &#)3!<&31)/!4+.#(&1+'(!W((+8\$3)\$+#!3##.3!  
8+#,&'&#8&G!<&'#2+#G!dWE!  
D+')+#G!WE!LICA0G!e.#&!IMNE!  
!@'&(&#)&2!,+'!W 7 &'\$83#! ; &#)3!<&31)/!4+.#(&1+'(!W((+8\$3)\$+#!3##.3!8+#,&'&#8&G!  
<&'#2+#G!dWE!  
D+')+#G!WE!LICA0G!e.#&!IPNE!  
!@'&(&#)&2!,+'!W 7 &'\$83#! ; &#)3!<&31)/!4+.#(&1+'(!W((+8\$3)\$+#!  
3##.3!8+#,&'&#8&G!<&'#2+#G!dWE!  
D+')+#G!WE!LICA0G!e.#&!IINE!  
!t & \*#+)&!:'&(&#)3)\$+#!:'&(&#)&2!,+'!-+.)!/!43'+!\$#3!W((+8\$3)\$+#!,+'!  
=\$8&#(&2!@'+,&((+\$#3!4+.#(&1+'(!3##.3!8+#,&'&#8&G!4+!7Y\$3G!-4E!  
D+')+#G!WE!LICA0G!e.#&!PNE!  
!@'&(&#)&2!,+'!U 7 &'3!2!4+3(!  
; &#)3!<&31)/!4+.#(&1+'(!W((+8\$3)\$+#!0+')!`3!)+#!6&38/G!0=E!  
D+')+#G!WE!LICA0G! ; 3'8!/BANE!  
`&Y\$#3!:'&(&#)&2!,+'!].1,8+3(!; &#)3!<&31)/!4+.#(&1+'(!W((+8\$3)\$+#E!  
D+')+#G!WE!LICA0G!W:'\$!AINE!  
E!@'&(&#)&2!,+'! ; &#)3!  
<&31)/!4+.#(&1+'(!+!4&#)'3!0!+'\$23G! ; 3\$)l3#2G!0=E!  
D+')+#G!WE!LICA0G!W:'\$!HNE!  
@'&(&#)&2!,+'!-.#8+3(!; &#)3!<&31)/!  
4+.#(&1+'(!W((+8\$3)\$+#[(!-:'\$#5!- \*7 :+(\$7E!  
D+')+#G!WE!LICA0G!e3#.3'#!ISNE!  
E!`&Y\$#3!:'&(&#)&2!,+'!0!+'\$23! ; &#)3!<&31)/!  
4+.#(&1+'(!W((+8\$3)\$+#[(!  
E!  
D+')+#G!WE!LICA0G!e3#.3'#!AMNE!  
E!@'&(&#)&2!,+'!  
-.#8+3(!; &#)3!<&31)/!4+.#(&1+'(!W((+8\$3)\$+#!7+#)/! \*!7 &&#)\$#5E!  
D+')+#G!WE!LICAMG!9&8&7Y&'!AQNE!  
`&Y\$#3!:'&(&#)&2!,+'!0!+'\$23! ; &#)3!<&31)/!4+.#(&1+'(!W((+8\$3)\$+#[(!ICAM!  
!  
D+')+#G!WE!LICAMG!D+%&7Y&'!ANE!  
! =&8). '&!:'&(&#)&2!3)!- &'%\$8&-+.'8&!3##.3!8+#,&'&#8&G!-3,&)\*!<3'Y+'G!0=E!  
D+')+#G!WE!LICAMG!J 8)+Y&'!ABNE!  
!X+.#2)3Y!&!2\$(8.(\$+#!:'&(&#)&2!,+'!-+.)/&'#!  
W((+8\$3)\$+#!+,!4+.#(&1+'!U2.83)\$+#!3#2!- . : &'%\$(+\$#!3##.3!8+#,&'&#8&E! ; \*')!&6&38/G!  
-4E!  
D+')+#G!WE!LICAMG!- & : )&7Y&'!IANE!  
E! =&8). '&!:'&(&#)&2!3)!F3 7 :3!63\*!W 7 &'\$83#!W((+8\$3





D+')+#G!WE!LICIIG!W.5.()!BANE!

!`+'a(/+!:! '&(&#)&2!,+!'@317!

6&38/!4+.#)\*!- /&'\$,,[(!J,,\$8&G!6&/3%\$+'3!-8&#8&(!9\$%\$(\$+#!

D+')+#G!WE!LICIIG!e.1\*!IINE!

` &Y\$#3'!: '&(&#)&2!,+!' ` \$(8+#(\$!9&: )E!+,!4+' '&8)\$+#!(%\$3!F'3\$#&'(!Y\*!

DWW9W4E!

D+')+#G!WE!LICIIG!e.1\*!AONE!

!` &Y\$#3'!: '&(&#)&2!,+!'F'3\$#&'(!Y\*!DWW9W4E!

D+')+#G!WE!LICIAG!D+%&7Y&'!MNE!

` &Y\$#3'!: '&(&#)&2!,+!'!-%\$8&-+. '8&E!

D+')+#G!WE!LICIAG!J8)+Y&'!ISNE!

!` &Y\$#3'!

: '&(&#)&2!,+!'!-%\$8&-+. '8&E!

D+')+#G!WE!LICIAG!J8)+Y&'!AINE!

` &Y\$#3'!: '&(&#)&2!,+!'!-%\$8&-+. '8&E!

D+')+#G!WE!LICIAG!e.1\*!IMNE!

` &Y\$#3'!: '&(&#)&2!,+!'<\$1(Y+'+.5/!4+.#)\*!-8/++1(E!

D+')+#G!WE!LICAOG!D+%&7Y&'!PNE!

E!@ '&(&#)&2!,+!'!-%\$8&-+. '8&!W##.31!^#R- &'%\$8&G!41&3'>3)&'!6&38/G!01+'\$23E!

D+')+#G!WE!LICAOG!J8)+Y&'!IBNE!

@ '&(&#)&2!,+!'!-.#8+3(!4&#)&'!,+!'!4+77.#\$)\*! ; &#)3!<&31)/E!

D+')+#G!WE!LICAOG!W: '\$!IHNE!

@ '&(&#)&2!,+!'!-%\$8&-+. '8&cWY\$!\$)&(!+,!01+'\$23G!41&3'>3)&'G!0=E!

D+')+#G!WE!LICAOG! ; 3'8/!IINE!

!!` &Y\$#3'!: '&(&#)&2!,+!'!D3)\$+#3!6+3'2!+,!0+'&#(\$8!U%31.3)+'(E!

D+')+#G!WE!LICAOG!e3#.#3\*!ISNE!

E!!` &Y\$#3'!: '&(&#)&2!,+!'!D3)\$+#3!6+3'2!+,!0+'&#(\$8!U%31.3)+'(E!!!

D+')+#G!WE!LICAMG!9&8&7Y&'!PNE!

E!

`+'a(/+!:! '&(&#)&2!,+!'!@/+&#k!<+. (&G!6'3#2+#G!0=E!

D+')+#G!WE!LICAMG!J8)+Y&'!IHNE!

!` &Y\$#3'!

: '&(&#)&2!,+!'!D3)\$+#3!6+3'2!+,!0+'&#(\$8!U%31.3)+'(E!!

D+')+#G!WE!LICAMG!e.1\*!AONE!

!` &Y\$#3'!: '&(&#)&2!,+!'!d+83)\$+#3!U%31.3)\$+#!3#2!43'&&'!W((&((7&#)!

@'+,&((+\$+#3!(!W((+8\$3)\$+#E!!!

D+')+#G!WE!LICAMG!e.#&!ASNE!

!` &Y\$#3'!: '&(&#)&2!,+!'!D3)\$+#3!

6+3'2!+,!0+'&#(\$8!U%31.3)+'(E!

D+')+#G!WE!LICAMG! ; 3'8/!INE!

!` &Y\$#3'!: '&(&#)&2!,+!'!

D3)\$+#3!6+3'2!+,!0+'&#(\$8!U%31.3)+'(E!

D+')+#G!WE!LICAPG!J8)+Y&'!HNE!

=&8).'&!:'&(&#)&2!)+!



D+')+#G!WE!LICASG!D+%& 7 Y&'!SNE!  
E! =&8). '&!: '&(&#)&2!)!+!-&'\$%8&-+.'8&!01+'\$23G!- )E!@&)'(Y.'5G!0=E!  
D+')+#G!WE!LICASG!e. 1\*NE!  
:'&(&#)&2!)!)/&!D3)\$+#3!6+3'2!+,!0+'&#(\$!U%3! .3)+'(E!  
D+')+#G!WE!LICAQG! J 8)+Y&'NE!  
)+!)/&! ; \$!1&##\$. 7!F'&3) 7 &#)! ] '+. :!=3a&! ` +')/G!0=E!  
D+')+#G!WE!LICAQG! J 8)+Y&'NE!  
` &Y\$#3'!: '&(&#)&2!)!+F+)3!X&8+%&'\*!D+>G!=3a&! ` +')/G!0=E!  
D+')+#G!WE!LICAQG! J 8)+Y&'NE!  
:'&(&#)&2!)!+F+)3!X&8+%&'\*!D+>G!=3a&! ` +')/G!0=E!  
D+')+#G!WE!LICAQG! J 8)+Y&'NE!  
!"  
! ` &Y\$#3'!: '&(&#)&2!)!+F!/&!=\$%\$#5!-+1.)\$+#G!9 &1'3\*!6&38/G!0=E!  
D+')+#G!WE!LICAQG!W .5 .()NE!@'+5'&((G!#+)!:'& ,&8)\$+#K!e .()\$, \$83)\$+#!, +'!83'&!3#2!2+8. 7 &#)3)\$+#!+,!  
8+#\$# . &2!()3\*!8'\$)&'\$3G! ` &Y\$#3'!: '&(&#)&2!)!+F+)3!X&8+%&'\*!D+>G!=3a&! ` +')/G!0=E!  
D+')+#G!WE!LICAQG!W .5 .()NE!  
E! ` &Y\$#3'!  
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O=E!  
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