!

A '𝕎>%;$/-&@2-'(

?(&%8&125!>%;$/-&@2-'(E!>7$/;)F'&/79/'&$,');,7)*+,-/70E).5/)3/"#&9&C)S)*+,-$'(E!Y2-&'%25!
>%/-&-.-$!'%!0(.@!F+./$!B=KT!0 F^T\R^JDE!X`TX`^Q!_!TK`OT`^JE!<0A"!eK^^E^^^!
!
?(&%8&125!>%;$/-&@2-'(E!.5/)3/"#&$9$&C)$')85"%)@%#,2,%)"'4)6$#,&$'/)@44$#&$,'E!Y2-&'%25!>%/-&-.-$!
'%!F58'6'5!F+./$!2%9!F58'6'5&/*!B=^T!F FTTTX\DE!K`T`RN!_!\`OT`^OE!<0A"!e0\REQO\!
!
?(&%8&125!>%;$/-&@2-'(E!>$,I/2"9$,7"%)</#2"'$0+0)$')Q/'/&$#)3$0-);,7)*+,-$'(E!Y2-&'%25!A2%8$(!
>%/-&-.-$!B=KT!AFNTJONDE!J`Q`RR!_!X`OT`^KE!<0A"!eKK^E^XR!
!
#&-$!?(&%8&125!>%;$/-&@2-'(!B?>"!?'--/E!

F/*E%+A(**F**GHGE!F%-'%E!=MIME!<6'*2/E!#M,ME!G!g'('%&%E!dM!!BK^^QDM!!,33$8-/!'3!%25-($a'%$!2%9!%25*$3$%$!'%!/.+S$8-&;$!($/1'%/$!-'!258'6'5!2*'%@!%'%W-($2-*$%-!/$$[&%@!258'6'5&8/!2%9!/'8&25!9(&%[$(/M!!
*@%#,2,%$0+E).%$'$#"%)"'4)JM:/7$+/'&"%)3/0/"7#2*E!^VE!TOJKWTO\^M!*

F/*E%+A(**F**GHGE!G!d5$&%E!PMAM!!BK^^QDM!!=$/$2(86!'%!%&8'-&%$!2%9!-'+288'"!F!9$829$!'3!1('@($//M!!*6$#,&$'/)S)?,I"##,)3/0/"7#2*E!\E!JRXW\^\M!*

) C(&8[E!4ME!F%-'%E!=MIME!P&E!nME!4$%9$(/'%E!#ME!**F/*E**%+A(**F**GHGE!g'('%&%E!dME!G!]$'(@$E!)M#M!!BK^^QDM!!
0&33$($%-&25!+(2&%!28-&;&-C!&%!258'6'5&8/!2%9!/'8&25!9(&%[$(/!-'!258'6'5!8.$/"!!=$52-&'%/6&1!-'!8(2;&%@M!!*6/57,:0C#2,:2"7+"#,%,(*CE!^]E!ORQWQ^KM!*

<6'*2/E!#M,ME!**F/*E**%+A(**F**GHGE!g'('%&%E!d!E!G!F%-'%E!=MIM!!BK^^QDM!!I'55'L&%@!258'6'5!8'%/.*1-&'%E!%'%-($2-*$%-W/$$[&%@!258'6'5&8/!($1'(-!@($2-$(

($52-$9!1($'88.12-&'%!2%9!8'*1.5/&;$!9(&;$"!,;25.2-&'%!'3!-6$!7+/$//&;$!A'*1.5/&;$!#*'[&%@!#825$M!
N0C#2,:2"7+"#,%,(CI)^UUE!O\\WON\M!*
:(2%9'%E!<M4ME!**F/*E**%+A(**F**GHGE!H%('9E!)ME!4$8[*2%E!:Mi ME!75&;$(E!cM**F**ME!='$-V6$&*E!=MAME!d2(;$(E!#M:ME!G!
#*255E!:McM!BK^TTDM!g2($%&85&%$!$33$8-/!'%!8(2;&%@E!8.$!($28-&;&-CE!2%9!/*'[&%@!($L2(9M!!
N0C#2,:2"7+"#,%,(CI)^UVT!ORTWQ^OM!*
,5&+$('E!FME!c2%/$!g2%!=$%/+.(@E!dME!G!**F/*E**%+A(**F**GHG!BK^TTDM!!F8.-$!$33$8-/!'3!2$('+&8!a(8&/$!2%9!62-62!
C'@2!'%!8(2;&%@!-'!/*'[$M!*6$#,&$')S)?,I"##,)3/0/"7#2*E!TOE!TTQ^WTTQNM!*
,;2%/E!0M,ME!A(2&@E!AME!75&;$(E!cM**F**ME!G!**F/*E**%+A(**F**GHG!BK^TTDM!!<6$!#*'[&%@!YW:28["!F!*$2/.($!'3!+&2/$9!
8.$!1('8$//&%@!2-!;2(C&%@!5$;$5/!'3!8'@%&-&;$!5'29M!!

, ; 2%/E! 0M , ME!c$%-&%[E! dM] ME!# . -- '%E!#M dME!c2%/$! g 2%!=$%/+ . (@E! dME!G!**F / *E**%+A(**F**GHG!BK^TQDM!\ ! * @!%&8 '-&%$!
12-86!32&5/!-'!$%62%8$!?0^^!%$. (25!&%9&8$/!'3!8 '@%&-&; $!8 '%-('5!2 * '%@!%'%/ * ' [$(/M!*N2"7+ "#, %, (CT)*
*>$, #2/ +$0&7C)" '4)>/2"9$, 7E!TKJE!\ \WNKM!
, ; 2%/E! 0M , ME!) 28 j . $$%E! 0MFME!c$%-&%[E! dM] ME!?2([E!cMZME!P&%E! 4ME!G!**F / *E**%+A(**F**GHG!BK^TQDM!A 4 = Y F X!
; 2(&2%-/! * '9$(2-$!-6$!$33$8-!'3!%&8 '-&%$!9$1(&; 2-&'%!'%!2!%$. (25!&%9$a!'3!8 '@%&-&; $!8 '%-('5M!*Q/ '/0T)*
>7"$ ')" '4)>/2"9$, 7T)UWE!JKJWJOKM!
) 28 j . $$%E! 0MFME! 4$8[* 2%E! : M i ME! : 52%[E!) M0ME!c2%/$! g 2%!=$%/+ . (@E! dME!?2([E!cMZME!**F / *E**%+A(**F**GHGA!G!
, ; 2%/E! 0M , M!BK^TQDM! g 2(&2-&'%!&%!-6$!25162!X!%&8 '-&%&8!28$-C586 '5&%$!($8$1-'(!/ . + . %&-!@$%$!1($9&8-/!
8&@2($--$!/ * ' [&%@!&%-$%/&-C!2/!2!3 . %8-&'%!'3!%&8 '-&%$!8 '%-$%-M!*?2/)N2"7+ "#, (/ ', +$#0)[, 57 ' "%T)U `T!\ ^W*
\ JM!
? '--/E!] MI ME! : 5 ' ' * E! , MPME! , ; 2%/E! 0M , ME!G!**F / *E**%+A(**F**GHG!BK^TQDM!Y$. (25!($L 2(9!2%9!1 . %&/6 * $%-!/$%/&-&; &-C!
&%!8&@2($--$!/ * ' [$(/M!*875()" '4)@%#, 2, %)8 / : / '4/ '#/T)U ` `T!KQXWKXOM!*
H%('9E!) ME!**F / *E**%+A(**F**GHGE!#-2/&$L&8VE!?M=ME!0&-($E!cM i ME!4$8[* 2%E! : ME!) &55$(E!=M=ME!# . -- '%E!#M dME!G!

) 28 j . $$%E! 0 M F ME! G! **F / *E** %+A(**F** G **H** G! BK^T \ DM! g 25&92-& ' %! ' 3!-6$!6 . * 2%! ' 9 ' (!/12%!-2/ ["! , 33$8-/! ' 3!%&8 ' -&%$M!
N0C#2 , : 2"7+ "#, %, (Cc)^W `T!KN \ TWKNNKM!
) $5-V$(E! **P** M = ME!#& * * ' %/E! g M **Y** ME!# . -- ' %E!#M d ME! **F / *E** %+A(**F** G **H** GA! j . &%%E!] M ?ME!) 29E! A M 0 ME! H%(' 9E!) ME!

3$$9+28[!5' '1!'3!233$8-&;$!/-2-$/!2%9!/ * ' [&%@!+$62;&'(M!*6$#,&$'/)S)?,I"##,)3/0/"7#2T)^^E!TKRQW TO^^M!

0$(* '9CE!#M#ME!<$//&$(E!dM) ME!) $&$(E!,ME!25hF+/&E!) ME!0$%5&%@$(WF1-$E!=MPME!**F/*E%+A(FGHGE!c$%/$%E!cME! d''1*$&%$(/E!cME!?28$[E!PM=ME!<&9$CE!cM i ME!g2%9($CE!=M] ME!0'%%CE!,MAME!G!42-/.[2*&E!0MdM!BK^KTDM! F%!$;25.2-&'%!'3!1'-$%-&25!.%&%-$%9$9!8'%/$k.$%8$/!'3!2!%&8'-&%$!1('9.8-!/-2%92(9"!F!3'8./!'%! 9(&%[&%@!6&/-'(C!2%9!'.-8'*$/M!*6$#,&$'/)S)?,I"##,)3/0/"7#2T)^WT!TTJNWTT\XM!

) 2(-&%$VE!HME!#&* * '%/E!gMYME!#.--'%E!#MdME!**F/*E%+A(FGHGA!) $5-V$(E!PM=ME!:(2%9'%E!dM7ME!:C(%$E!) M) ME! 42(($55E!?M<ME!,&//$%+$(@E!<ME!:.55$%E!AM=ME!G!:(2%9'%E!<M4M!BK^KTDM!<2(@$-$9!/* ' [&%@!8$//2-&'%!3'(! 9.25!./$(/!'3!8'*+./-&+5$!2%9!$5$8-('%&8!8&@2($--$/"!F!(2%9'*&/$9!8'%-('55$9!

A.-6+$(-E!:MYME!**F/*E**%+A(**F**GHGA!?2-(&8[E!AMcME!G!P2%@E!?McM!BTRRQE!78-'+$(DM!!@*5&,',+$#)"'4)0&"7&%/)
*7/0:,'4$'()457$'()";;/#&$9/)$+"(/7C)"+,'()"'M$,50):"&$/'&0M!!?'/-$(!1($/$%-$9!2-!-6$!F%%.25!)$$-&%@!
'3!-6$!#'8

H1296C2C2E!4M?ME!<6'*2/E!#ME!

7 5&;$(E!cMFME!0

")7" '4 , +$B/4)&7$"%!? ' /-$(!1($/$%-$9!2-!-6$!2%% . 25! * $$-&%@! ' 3!-6$!# ' 8&$-C!3 ' (!=$/$2(86! ' %!Y&8 ' -&%$!*
2%9!< ' +288 ' E! 4 ' . /- ' %E!< n M!*

c2%/$! g 2%!=$%/+ . (@E! d ME! , 65[$E!#ME!) 28 j . $$%E! 0 ME! , ; 2%/E! 0 ME! d &512-(&8[E!) ME!G!**F /*E**%+A(**F** GHG!BK^TKE!*
) 2(86DM! *?2/)/;;/#&0) , ;)/M/7#$0/) , ')0+ , -$ ' ()I/2"9$, 7E)@)&, : , (7": 2$#)0&54C*M!? ' /-$(!1($/$%-$9!2-!*
-6$!2%% . 25! * $$-&%@! ' 3!-6$!# ' 8&$-C!3 ' (!=$/$2(86! ' %!Y&8 ' -&%$!2%9!< ' +288 ' E! 4 ' . /- ' %E!< n M!*

A ' (($2E!c M : ME! 4 $8[* 2%E! : M i ME!) 2(k . &%$VE!YM#ME!**F /*E**%+A(**F** GHGE!H%(' 9E!) ME!G! : (2%9 ' %E!<M : M!BK^TKE!*
) 2(86DM! */%;=7/ : , 7&/4)9/7050)I/2"9$, 7"%)/;;/#&0) , ;): /7#/$9/4)475 (=#, '4$&$, ')"00$(' + / ' &E)F ';/77$ ' ()*
/M : /#&" ' #C)/;;/#&0) , ;)G"7/ ' $#%$ ' /c! ? ' /-$(

#/00"&$,')$

#, '&/ '&)#$("7/&&/0E)@):7/%$+$ ' "7C);/ "0I%$&C)&7$ "%M!? ' /-$(!1($/$%-$9!2-!-6$!F%%.25!) $$-&%@! ' 3!-6$!
' 8&$-C!3 ' (!=$/$2(86! ' %!Y&8 ' -&%$!2%9!< ' +288 ' E!#2%!I(2%8&/8 ' E!AFM!
g ' %8[$%W

0('+$/E!0McM!BTRRNE!I$+(.2(CDM!!>/2"9$,7"%)&7/"&+/'&),;)'$#,&$'/)4/:/'4/'#/M!!<6&(9!F%%.25!H192-$!'%!
F58'6'5&/*!2%9!#.+/-2%8$!F+./$!<($2-*$%-E!)$9&825!H%&;$(/&-C!'3!#'.-6!A2('5&%2E!A62(5$/-'%E!#AM!
0('+$/E!0McM!BTRRNE!F1(&5DM!!@%#,2,%T)475(T)"'4)'$#,&$'/)"44$#&$,'E)>$,:0C#2,0,#$"%);"#&,70T)0#7//'$'()
&,,%0T)"'4)&7/"&+/'&),:&$,'0M!!:($2[32/-!='.%9/E!>%/-&-.-$!'3!?/C86&2-(CE!)$9&825!H%&;$(/&-C!'3!#'.-6!
A2('5&%2E!A62(5$/-'%E!#AM!
0('+$/E!0McM!BK^^^E!)2(86DM!3/"#&$,'0)&,)0+,-$'()#5/0E)3/%/9"'#/);,7)5'4/70&"'4$'()"'4)&7/"&$'()
'$#,&$'/)4/:/'4/'#/M!#*'[&%@`Y&8'-&%$!#1$8&25!>%-$($/-!]('.1E!)$9&825!H%&;$(/&-C!'3!#'.-6!
A2('5&%2E!A62(5$/-'%E!#AM!
0('+$/E!0McM!BK^^^E!F1(&5DM!.7"9$'()"'4)#5/)7/"#&$9$&C);,7)"%#,2,%T)'$#,&$'/T)"'4);,,4M!4$25-6!#8&$%8$/!
I'.%92-&'%!FL2(9!#$*&%2(E!)$9&825!H%&;$(/&-C!'3!#'.-6!A2('5&%2E!A62(5$/-'%E!#AM!
0('+$/E!0McM!BK^^^E!c.%$DM!>$,I/2"9$,7"%)+/#2"'$0+0)$')(/'/&$#)7$0-);,7)0+,-$'(M!:&'+$62;&'(25!
=$/$2(86!)$$-&%@E!Y2-&'%25!A2%8$(!>%/-&-.-$E!:-6/92E!)0M!
0('+$/E!0McM!BK^^^E!0$8$*+$(DM!J+,&$,'"%);"#&,70)$')05I0&"'#/)#5/)7/"#&9&CM!0$12(-*$%-!'3!
?/C86'5'@CE!H%&;$(/&-C!'3!)2(C52%9E!A'55$@$!?2([E!)0M!
0('+$/E!0McM!BK^^^E!0$8$*+$(DM!</"057/+/'&)"'4)+"'$:5%"&$,')&,I"##,)#7"9$'(M!<'+288'!A'%-('5!
=$/$2(86!:(2%86E!Y2-&'%25!A2%8$(!>%/-&-.-$E!='8[;&55$E!)0M!
0('+$/E!0McM!BK^^TE!)2(86DM!Q/'/&$#)"'4)#5/=I"0/4)$';%5/'#/0),')'$#,&$'/)4/:/'4/'#/M!!F!02C!'3!
0&/8';$(C!#C*1'/&.*E!0$12(-*$%-!'3!?/C86&2-(C!2%9!:$62;&'(25!#8&$%8$/E!)$9&825!H%&;$(/&-C!'3!
#'.-6!A2('5&%2E!A62(5$/-'%E!#AM!
0('+$/E!0McM!BK^^TE!c.5CDM!>$,I/2"9$,7"%)+/#2"'$0+0)$')(/'/&$#)7$0-);,7)0+,-$'(M!:&'+$62;&'(25!=$/$2(86!
)$$-&%@E!Y2-&'%25!A2%8$(!>%/-&-.-$E!i2/6&%@-'%E!0AM!
0('+$/E!0McM!BK^^TE!78-'+$(DM!6/1)0&7"&/($/0)$')&2/)0/"7#2);,7)0+,-$'()/'4,:2/',&C:/0M!F99

K^^R! P$8-.($E!?,I"##,)"44$#&$,'E). "74$,9"0#5%"7)#,+:%$#"&$,'0)"'4)'/57,I$,%,($#"%) ;"#&,70M!,;&9$%8$!:2/$9!A5&%&825!?(28-&8$!BK !C$2(!*$9&825!/-.9$%-/DE! H%&;$(/&-C!'3!#'.-6!I5'(&92M!

K^T^! P$8-.($E!?,I"##,)"44$#&$,'E). "74$,9"0#5%"7)#,+:%$#"&$,'0)"'4)'/57,I$,%,($#"%) ;"#&,70M!,;&9$

K^^J! >%%2!I&/6*2%E!?6M0M!!0$12(-*$%-!'3!?/C86'5'@CE!H%&;$(/&-C!'3!#'.-6!I5'(&92M!!
0&//$(-2-&'%!<&-5$"!F58'6'5!,a1$8-2%8C!A'@%&-&'%/"!?/C86'16C/&'5'@&825!
?$(/1$8-&;$M!!A'WF9;&/'(/"!,*2%.$5!0'%86&%E!?6M0ME!)2([!]'59*2%E!?6M0M!!
='5$"!7.-/&9$!A62&(M!

K^^\! d$55&!42(3'(9E!?6M0M!!0$12(-*$%-!'3!?/C86'5'@CE!H%&;$(/&-C!'3!#'.-6!I5'(&92M!!
0&//$(-2-&'%!<&-5$"!?/C86'5'@&825!A'%/$k.$%8$/!'3!A6&59!#$a.25!F+./$!2%9!-6$!
=&/[!2%9!?('-$8-&;$!I28-'(/!>%35.$%8&%@!<6$/$!A'%/$k.$%8$/M!!F9;&/'("!
i &55&2*!d&%9$(E!?6M0M!!='5$"!7.-/&9$!A62&(M!

K^^\! ,5$%2!P'1$VE!)M#M!!0$12(-*$%-!'3!?/C86'5'@CE!H%&;$(/&-C!'3!#'.-6!I5'(&92M!!
0&//$(-2-&'%!<&-5$"!,33$8-/!'3!:'9C!>*2@$!)2%&1.52-&'%!'%!#*'[&%@!
)'-&;2-&'%M!!F9;&/'("!<6'*2/!:(2%9'%E!?6M0M!!='5$"!A'**&--$$!)$*+$(M!

K^T^! c'/$16!0&-($E!)M#M!!0$12(-*$%

K^TQ!

K^^N!_!K^TT!) '%&82! i $++E!?6M0ME!F//&/-2%-!?('3$//'(E!H%&;$(/&-C!'3!) &2*&E!0$12(-*$%-!'3!
?/C86'5'@C!2%9!-6$!#C5;$/-$(!A2%8$(!A$%-$(M!!F

K^^K!K^^O! A#=!:&'+$62;&'(25!2%9!

K^TO! !

TRRR!B211('aD! -5;&/&'%!&%-$(;&$LE!A62(5$/-'%E!#AM!<'1&8"!-'+288'!./$!2%9!8$//2-&'%!

K^^^!B211('aD! 2(-&85$E!?2$'-$'()"I,5&)87$'-$'(E!I.(-6$(!*2@2V&%$E!A62(5$/-'%E!#A!

K^^T!B211('aD! 2(-&85$E!>,,B/)"'4)>5&&OE!I.(-6$(!*2@2V&%$E!A62(5$/-'%E!#A!

K^^K!B211('aD! 3$2-.($9!@.$/-E!.,;;//)?$+/!B5'825!<g!-25[!/6'LDM!<'1&8"!-'+288'!299&8-&'%!2%9! -($2-*$%-!

K^^O! %$L/121$(!&%-$(;&$LE!<2*12!<(&+.%$E!<2*12E!IPM!<'1&8"!-'+288'!

K^^X!B211('aMD! (29&'!&%-$(;&$LE! i H#IE!H%&;$(/&-C!:$2-M!<'1&8"!/*'[&%@!8$//2-&'%!

K^^J! %$L/121$(!&%-$(;&$LE!:(29$%-'%!4$(259M!<'1&8"!258'6'5W/*'[&%@!&%-$(28-&'%!

K^^J! *2@2V&%$!&%-$(;&$LE!P&3$-&*$!A6'&8$/E!P&3$-&*$!A2%8$(!#8($$%&%@!G!?($;$%-&'%! A$%-$(E!)'33&--!A2%8$(!A$%-$(M!<'1&8"!/*'[&%@E!258'6'5E!2%9!8$//2-&'%!

K^^R! *2@2V&%$!&%-$(;&$LE!FFF!]'&%@!?528$/M!<'1&8"!/*'[&%@!8$//2-&'%!3'(!'59$(! /*'[$(/!

K^TK! 3$2-.($9!@.$/-E!.2"7$&"I%/)R,7-0E!P&3$!>*1(';$*$%-!=29&'M!<'1&8"!/*'[&%@! 8$//2-&'%!

K^TX! k.'-$9E!</4N"(/)?,4"C!BI(&92C!I$$9+28[DM!<'1&8"!8'**$%-2(C!'%!0'%%C!$-!25M! BK^TXD!6/1)J'(%"'4)[,57'"%),;)</4$#$'/!2(-&85$!($"!($9.8$9!%&8'-&%$!8&@2($--$/!

K^TN! k.'-$9E!.''#/7!BA2%8$(#8'1$DE!<'1&8"!($9.8$9!%&8'-&%$!8&@2($--$/!

K^TN! k.'-$9E!!8@)<"-/0)<,9/)&,).57I)6$#,&$'/)@44$#&$,'!B)'33&--!A2%8$(!A$%-$(! +5'@DM!<'1&8"!8'**$%-2(C!($@2(9&%@!-6$!I0F!&//.2%8$!'3!F9;2%8$!Y'-&8$!'3! ?('1'/$9!=.5$*2[&%@!-62-!L'.59!($k.&($!($9.8$9!%&8'-&%$!5$;$5/!&%!8&