

!" !#\$"

!!" " !#\$"

"#\$%&&'(!)*+,%, -, '!. /(!)*, '0(1, '2!"#%'*#'!1*2!"/#%' ,3!
4 '51(, 6 '* ,!/.!71(\$!1*2!7*8%(/*6 '* ,1&!"#%'*#'+'!

9 /+, /*! : /&&'0'!

: \$ '+, *-, !; %&&< != >! ?@ABC!

7D!E%F = %*0GH#F'2-!ID!JBKCL!MM@NOCBO"

"

%&'()'+, -"

"

. /010!%*! : %8&&!1*2!7*8%(/*6 '* ,1&!7*0%*' '(%*0<!. 2+- (3* , -"4 -+5326+*7"#####@??0!
832+9+()*3"%*!"#%'*#'!1*2!7*8%(/*6 '* ,1&!I /&!
I(%*#', /*!"#\$ /&!/.!I-H&*2!)*, '(*1, %/*1&!>..1%(+<" .2+- (3* , -"4 -+5326+*7"#####@??0!
:0%0!%*! : \$ '6%#1&!7*0%*' '(%*0!JP%, \$!1!63(, -&" :0%0!%*!7*8%(/*6 '* ,1&!7*0%*' '(%*OL!
;6+< / ')"4 -+5326+*7<"9 '%Q%*0< : \$%*1! ! ! ! ! !!!!!KRRS"

%=>?, 7=3-*

"

9 /+, /*! : /&&'0'!

!-6*+*' *3". 2, 9366, 2", 9"8?+=)*3"@(+3-(3") -&"@, (+3*7<!"#\$%&&'(!)*+,%, -, '!. /(!

)*, '0(1, '2!"#%'*#'!1*2!"/#%' ,3!! ! ! ! ! ! !!!!!RT@NI('+'* ,!

. 2, 9366, 2<!4 '51(, 6 '* ,!/.!71(\$!1*2!7*8%(/*6 '* ,1&!"#%'*#'+'+!!RT@NI('+'* ,!

!

UV>>TW' /5\$3+%#1&!X&-%2!43*16%#+!Y1H/(1, / (3!JWX4YL"

@3-+, 2"@(+3- *+6*!! ! ! ! ! ! !!!!!!!CTKRN?ST@@!

A3)&32B"1+5+6+, -", 9"C*= ,6>/32+(" . /76+(6! ! ! ! !!!!!MT@?N?ST@@!

13>' *7"A3)&32B"1+5+6+, -", 9"C*= ,6>/32+(" . /76+(6!! !!!!!!! !!!!!ATKSN

!

!" !#\$"

M3=N32<! : / 6 6%, ' '!

!

!" !#\$"

.)6*!@*' &3-*6k.,6*&,(6"@ '>325+63&"

!

I\$F4F!+, -2 '*,+D!!

W' ',1!I '(+12!JI(%*#', /*<!128%+/(<!0(121, '2!%*!@?KB!P%, \$!I\$F4F!>+%%+, 1*!, I(/. '++/(!1,!, \$'!

Z*%8'(+%, 3!/.!` ' j1+!1, !> -+, %*L!

"5 '*#'(!; %&&!JI(%*#', /*<!128%+/(<!0(12-1, '2!%*!@?KB!P%, \$!I\$F4F!>+%%+, 1*!, I(/. '++/(!1,!, \$'!

: %, 3!Z*%8'(+%, 3!/.!U' P!E/(aL!

k\$1/3%!"\$ '*!JI(%*#', /*<!128%+/(<!0(12-1, '2!%*!@?KS!P%, \$!I\$F4F!>+%/#1, '!' ['+'1(#\$!

"#\$/&1(!1, !: 1&, '#\$L!

h%*! [/ *0! : \$-1!JI(%*#', /*<!128%+/(<!0(12-1, '2!%*!@?KR!P%, \$!I\$F4F! ['+'1(#\$!"#%* , %+, !1, !

: '* , ('!/(! : && 61, '!' ['+'1(#\$!"%*015/('L!

"5 '*#'(!: &1(a!JI(%*#', /*<!128%+/(<!0(12-1, '2!%*!@?KR!P%, \$!I\$F4F!41, 1!"#%* , %+, !1, !

g - *L!

= %#\$' &&'X(1)'(JI(%*#', /*<!128%+/(<!0(12-1, '2!%*!@?K<I /+, 2/#1, ! [#%'!Z*%8'(+%, 3L!

c1*!'! 63, \$!JI(%*#', /*<!128%+/(<!0(12-1, '2!%*!@?K< : && 61, '!'#%* , %+, !1, != 1*!W(/ -5L!

!

I /+, 2/#+D!!

= 1+%% 6 /!9 /&&1+%%*1!J" ' *%/(!Y'#, -('(!1,!, \$'!Z*%8'(+%, 3!/.!72%*H-(0\$<!, \$'!('#%5%*', !/!.!, \$'!

@?K0!>WZ!c1 6 '+! [F! ; /&, /*!c- *%/(! "#%* , %+, !> P1(2L!

I -!Y%*!J>+%/#%1, '!' ['+'1(#\$!"#\$/&1(<!I(%*#', /*L!

>*0' &!>21 6 '+!J>+%%+, 1*!, I(/. '++/(!1,!, \$'!Z*%8'(+%, 3!/.! \ %+#/*+%%*! , \$'!('#%5%*', !/!.!, \$'!

@?KS!>WZ!c1 6 '+! [F! ; /&, /*!c- *%/(! "#%* , %+, !> P1(2L!

\ '*\$1/!4 / *0!JI(/Q'#, !"#%* , %+, <!Z*%8'(+%, 3! : / (5/(1, %/*!./(!>, 6 /+5\$'(%#! ['+'1(#\$!

U1+'(!= 1\$. / -]!JI /+, 2/#<!I1#%.#%U/(, \$P'+, !U1, %/*1!Y1H/(1, / (3L!

E /-, / *0!k\$' *0!J>+%%+, 1*!, I(/. '++/(<!Z*%8'(+%, 3!/.! ; / -+, /*L!

>a+\$131!U%a- 6H\$!J>+%%+, 1*!, I(/. '++/(<)*2%1*)*+, %, -, '!/.!` '#\$*/&/03!9 / 6H13L!

g ' '+\$1*!U1(%*+*%0\$!JI\$3+%#1&!"#%* , %+, <!UV>>TWX4 YL!

!

" - 6 6 '(!%*', '(+D!

W' ',1!I '(+12!J", 1*./ (2<!W' / 5\$3+%#<!c- *%/(L!

"5 '*#'(!; %&&!JZ : Y><!>, 6 /+5\$'(%#!1*2!V# '1*%#!"#%*#'+!1*2!>55&&'2! = 1, \$' 61, %#+<!

c- *%/(L!

I(1*13!U12' &&1!J \ '+, ! \ %*2+/(NI&1%*+H/(/! ; %0\$!"#\$//&!" / - , \$<!c- *%/(L!

: /&&*! [13 6 / *2!J : / (*' &&<!>, 6 /+5\$'(%#! "#%*# '<!c- *%/(L!

= %#\$' &&'X(1)'(J : '21(8&&'<!I\$3+%#<!c- *%/(L!

Y' %!E%*!JZ` N> -+, %*!W(12-1, '!', -2 '* , L!

I1, (%#a!9(/P*!J4 - a'<!W(12-1, '!', -2 '* , L!

c1*!'! 63, \$!JE1&'<!W' /&/03!1*2!W' / 5\$3+%#<!c- *%/(L!

9(%20', '!9'./(!,

!

!" !#\$"

c%1j%! ; -!J` 'j1!> f =L!
h%1/3-1*!Y%JI(%*#',/*L!
c' **3! : \$1*O!JI(%*#',/*L!
"\$%8!I(%316! [10\$-(161*!JI(%*#',/*L!
: %*23! \ 1*O!JI(%*#',/*L!
g ' '+\$1*!U!I(%*'+%*O\$J` \$'!: %3!Z*%8'(+%,3!/.!U' P!E/(aL!
`%1*+\$-!1/*O!J9 :L!
"

.332I235+3J3&". 'N?+()*+, -6"

!
mX%(+,N1-,,\$/('2!H3!+, -2'*,+!/(!5/+,2/#+!+-5'(8%+'2F!
KF M+<-<B"O0!1*2!YF=F! [-++'&&!@??KD!I('2%#, '2! ; 30(/+#+/5%#W(/ P,\$!/.!'" 1!&!>'(/+&F!
<!K?B<!@S@MRN@S@CAF!
@F I('**%<!>FcF<!IFcF!4' = /, <!"F=F!1 ('%2'*P'%+<14F7F!"\$'(61*!<YF=F! [-++'&&!1*2!O0"M+<-<!
@??KD!` \$'!7.. '#, !/./!Y/P! = /&'#-&1(! \ '%O\$,!4%#1(H/j3&#>#%2+!/*! : &/-2!X/(61,%/*<!
<!K?M<!KK@A?NKK@ASF!
OF M+<-<B"O0!1*2!YF=F! [-++'&&!@??D!` \$'(6/23*16%#!7e-%&&H(-6!/.!>e-' /-+!"/&-,%/*+!
/./!V(O1*%#N7&'#, (/&3, '! = %j, -('+!%*!>'(/+&!I1(,%#&' +F! !AS<!KOOK !
AF [-++'&&! YF=F! 1*2! O0" M+<-<@??D! 4' &&e-' +# '*#! /./! " 61&&! I1(,%#&' +<!
<!KKB<!OKKNO@KF!
MF M+<-<B"O0!1*2!YF=F! [-++'&&!@??AD!V(O1*%#>'(/+&!7.. '#, +!/*X/O!4(/5&'! "5'#,(1<!
K?R<!K?FK?@RT@??Oc4??AA@CF!
BF M+<-<B" O0! WF! Y1%<! : F! `/*O< [F \ F! \ //2< 1*2! 4FcF! 4/(' *! @??AD! X('! 7*' (O3!
I'(-, (H1,%/*!', -23!/.! \ 1, '(!4%6 '(!4%+/#1,%/*!1%*', ##+<!
K@K!CCONCCCF!
CF M+<-<B"O0!YF=F! [-++'&&!1*2!4FXF!9(12./ (2!@??MD! ; '1&,\$!1*2! : &&61, 'I /&!)651#, +!
/*!' -&. -(176%+/#/*! : /*, (/&! AO<!2/%DK?FK?@RT@??A [W??KBCF!
SF M+<-<B"O0!gF! [161+P163<!IF>F!W%*/ -j!1*2!YF \ F! ; /(/ P%,]<!@??MD!W' /5\$3+&!
X&-%2!43*16%#Y1H/(1,/(3!W'*'(1& : %(-&1,%/*! = /2'&!)*8'+,%01,%/*!/.!,\$')*2(' #,
[12%1,%8'!7.. '#, +!/.!>*, \$(/5/O' *%#!" -&.1, '!>'(/+&<!
KK?<!2/%DK?FK?@RT@??Mc4??BKBKF!
RF M+<-<B"O0!gF! [161+P163<!IF>F!W%*/ -j!1*2!YF \ F! ; /(/ P%,]<!@??MD!4%(' #, [12%, %8'!
X/(#%*0!/.!>*, \$(/5/O' *%#!V(O1*%#>'(/+&+<!
KK?<!2/%DK?FK?@RT@??Ac4??MMCOF!
K?F M+<-<B"O0!gF! [161+P13<!YFcF!4/**' (<!1*2!gF` FcF!I\$&&&5+<!@??BD!>!U' P!
I1(16', '(%)1,%/*!/.! : &/-2!4(/5&',!>#,%81,%/*!>55&H&'! ,/!W'*'(1& : %(-&1,%/*!
= /2'&+<!
!BO<!KOASNKOMBF!
KKF M+<-<B"O0!gF! [161+P163<!YFcF!4/**' (<!gF` FcF!I\$&&&5+<!"F>F! 1&'%*<!IF>F!W%*/ -j<1*2!
YF \ F! ; /(/ P%,]<!@??CD! = /2'&%*0!,\$')*, '(1#, %/*+!H', P'!' *!>'(/+&+!1*2!Ye-%2! \ 1, '(!
: &/-2+!P%, \$!1!" ' &.N#/*+%, '*! : &/-2!"#\$' 6' !%*!1!W'*'(1& : %(-&1,%/*! = /2'&<!
BA<!KKS RNK@?RF!
K@F Y' '<!"F!"F!YF!cf!4/**' (<!gF` F!cf!I\$&&&5+<!1*2!O0"M+<-<@??SD!7j16%*1,%/*!/.! !1'(/+&&!
'.. '#, +!/*15('#%5,1,%/*!*%*!2' '5!#/*8'#,%8'!#&/ -2+!2-(%*0!,\$'!KRRC!> [=!+- 66'(!
'j5'(%6 '*,F!
<!KOA<!K@?KNK@?F!

!

!" !#\$"

KKN?K@FKF!

@SF 9 /&&1+%*1m< = F>F<1*2!O0"M+<-<!@?K@D!I('##5%,1,%/*!9%1+!/8'(!,\$'!\ '+, '(*)*2*1*!
V# '1*!%*!1*!>, 6 /+5\$'(%#!W : = D! [/&'!/.!,\$'!= '(%2%/*1&!""`!W(12%'*,F!

<2/%DK?FK??CT+??OS@N?K@NKOACNCF!

@RF ; %&&m<!"F<1*2!O0"M+<-<!@?K@D!U/*&* * 1(!#&& 61, '!('+5/*+'!,/!('0%/*1&H(%0\$, '*%*0!/.!
,(/5%#1&! 61(%*'!+, (1,/#- 6 -&-+F! <!

2/%DK?FK?@RT@?K@WY?M@?BAF!

O?F k\$/ -<! : F<1cf!7F!I '* * '(<!O0"M+<-<!1*2!hF! ; -1*0<!@?K@D!> '(+/&!X/(#%*0!91+'2!/*!
: > = M!1*2!> = O! = ', '/(&/O%#1&!X% ' &2+F!

!K@<!K?BCRNK?C@C!2/%DK?FMKRAT1#52NK@NK?BCRN@?K@F!!!

OKF ; -1*0<!hF<! ; F! : \$-1*0<!>F!4 '++&'(<!hF! : \$ '*<!1F! = %*+ # \$P1* '(<!gF! [1 6 1+P 1 6 3<!1*2!
O0"M+<-<!@?K@D!>!(12%1,%8'N#/*8'#,%8'!'e-%&&H(%- 6!5'(+5'#,%8'!/./!,\$'!P'1a' *%*0!/.!

,(/5%#1&! \ 1&a'(!#%(-&1,%/*!*!'(+5/*+'!,/!O&/H1&!P1(6 %*OF! <!

2/%DK?FKKCMtc : Y)N4NK@N??@SSFKF!

O@F V#a/<!F<!gF! [1 6 1+P 1 6 3<!IF!W%* / - j<!O0"M+<-<!1*2!YF! ; /(/P%,]<!@?K@D!" '*+,%8%,3!/.!
, \$'!1'(/+/&!2%('#,!(12%1,%8'!./(#%*O!H1&1*#'!,/!5\$3+##1&!#&& 61, '!1#,/(+F!

<!KKC<2/%DK?FK?@RT@?K@c4 ?KS?KRF!

OOF

!

!" !#\$"

= /*+//!*%*!,\$'!&1,'!@?,\$!#'*,-(3D!`\$'!(/&'!/.!1*,\$(/5/0'*%#1'(/+/&+F!
<!2/%D!K?FK??@TO(&FM?CKRF!

A@F 9/&&1+%*1m<=F>F<!O0"M+--<<!gF! [1 6 1+P1 6 3<!4F!"#\$P1(J)a/5.<!1*2!gF!U1%a<!@?KOD!

: /*,(%H-,%/*/!/.!Y/#1&!1*2! [' 6 /, '!>*,(\$(/5/0'*%#1!>'(/+/&+!,/!,,\$'!@?,\$! : '*,-(3!
\ '1a'*%*O!/.!,\$'!' /-,\$!>+%1*!= /*+//*F! <!AK<!BS?d

BSC<!2/%DK?FK??@T@?KOWY?MSKSOF!

AOF ; %&&m<!"F<!O0"M+--<<!1*2!)F=F! ; '&2<!@?KAD!= '#\$1*%+6+!/.!./(#'2!,(/5%#1&! 6 '(%2%/ *1&!

'*(O3!.&-j!#\$1*O'F! <!2/%DK?FKKCMTC : Y)N4NKAN??KBMFKF!

AAF I '(+12m<!WF<!O0"M+--<

!" !#\$"

KBN?MS?FKF!
 MBF I1*!XF!hF!; -1*0!"F"FY'(/3<!IF!Y%*<YFYF!"/P<O0"M+<!1*2!gF![161+P163<!
 @?KCD!\`\$'!+(,/+5\$'(%#!#\$1*0'+!%*. '(('2!./6!K?3'1(+!/.!>)["!1*2!>="ZN>!
 (12%1*#' +F! <!O?JKML<2/%DK?FKKCMtc : Y)N4NKCN?OCFKF!
 MCF Y' ' <cf7R<!>F!"\$' * <!9F!X/jN1 ' 65' (<!1*2!O0"M+<D! ; ' 6 % +5\$' (%#!+ ' 1!# ' !2%+, (%H-, % / *!
 +', +!, \$' !O&1#%1&!, ' 65/F! <!AAJ@L<!
 2/%DK?FK??@T@?KBWY?CKO?CF!
 MSF ; %&&m!"F<O0"M+<<!)F=F! ; '&2!1*2!=F!k\$1/<!@?KCD!A a c e e g b dge -
 ba ed a a f he Sahe a fa e e f cea c a gF!
 <!O?JKML<2/%DK?FKKCMtc : Y)N4NKBN?CSMFKF!
 MRF I' (+12m<!WF<4Fc!I13*,' (<O0"M+<<!1*2!gF![161+P163<!@?KCD! : / 65', %*0!
 >, 6 / +5\$' (%#!1*2!" - (.1# ' N4 (%8' *!) 651#, +! / .!>H+ / (H%*O!> ' (/+ / &+ / *!, \$' !71+, !>+ %1*!
 " - 6 6 '(, % 6 '! : &% 6 1, 'F! <!O?J@L<2/%DK?FKKCMtc : Y)N4NKBN?SB?FKF!
 B?F 9(P *m<!IF` F<O0"M+<<!\ F!Y%1*2!"F>F! ; %&&<!@?KCD! : \$1*0'!%*!, \$' !610*%, -2'!1*2!
 6 '#\$1*%+6+! / .! - * . / (#' 2!& / PN. ('e - '*#3!+ - (.1# '!, ' 65' (1, - ('!81(%1H%&&, 3!%*!1!P1(6' (!
 #&% 6 1, 'F! <!C<2/%DK?FK?OST*#&% 6 1, 'OOSKF!
 BKF \ 1*0<!EF!EF!h%'<!\ F!4 / *0<1*2!O0"M+<<cf! \ 1*0!1*2!YF!"\$' * <!@?KCD!>28' (+!
 7.. '#, +! / .!) *# (' 1+ %*O!4 (/ - 0\$, ! / *!>%(!n - 1&%, 3!8%1!U1, - (1&!I (/ #' ++ ' +F!
 <!2/%DK?FMKRAT1#5

!

!" !#\$"

4 ', '#, 1H& '!% 651#, !/ .!& /#1& !1*2!(' 6 /, ' !1*, \$(/5/0 '*%# !1' (/ +/& +! / *!, \$ '!@?, \$!# '*, -(3!
#\$1*0'+!/.! \ '+, !> .(%#1*!1*2!" / -, \$!>+%1*!6 / *+// *!5('#%5%, 1, %/*F!

!" !#\$"

SAF Y%<!EF<EF!4 '*0<!"F!E1*0<!; F!k\$1*0<!O0"M+ -<<!1*2!kF!"\$ '*<!@?KRD! = -&, %N+#1&'!
, ' 65/(1&N+51, %1&!81(%1H%%, 3!/.!, \$ '!71+, !>+%1*!+ - 6 6 '(!6/*+//*!.(/*, 1&!+3+, ' 6D!
/H+'(81, %/*!8'(+ -+!%, +!('5('+'*, 1, %/*!%*!, \$ '!WX4 Y!; % [> =F! <!
M@JKKL<!4 V)DK?FK??CT+??OS@N?KSNAMABNJF!

SMF 1 - /<!EFN; R!1*2!#/N1-, \$/(+<!@?KRD! : /*8'#, %8'!, (1*+%, %/*!+, 1, %, %#+!/8'(!, (/5%#1&!
/#'1*+!./(!#&% 61, '!6/2'&!2%10*/+, %#+D!W : ='!81&-1, %/*F
<CCJKL<!4 V)DK?FKKCMTC> "N4NKRN?KO@FKF!

SBF m : &1(a!"<!O0"M+ -<<!1*2!>FXF!>21 6 '+<!@?KRD! = /*+//*!&/P!5('++-('!+3+, ' 6!&%a'!
81(%1H%%, 3!%*!1*!%2' 1&] '2! : &1(aF! <!OOJBL<!4 V)DK?FKKCMTC : Y)N4NKRN
?@SRFKF!

SCF

!

!" !#\$"

RRF >, &1+<! [FYF<! : F" F!9(', \$'(, /*<! IFUF!9&/++ '3<!>F!W' , , ' &61* <! : F!91(2' ' * <! IF!Y% * <! O0"
M+- <<! @?@?D! ; / P!P ' &&!2/ !&1(O'

!" !#\$"

KKOF U1(%*'+%*0\$<!gF!cFXF!9//,\$<!1*2!0"M+ -<!@?@@D!9&/#a%*0!1*2!0'*(1&!#%(#-&1,%/*!
%*!WX4Y!#/ 65('\$'+%8'!#&% 61,'!6/2'&+F! <!OMJK@L!
4V)DK?FKKCM!c : Y)N4N@KN

!" !#\$"

!

!"

!" !#\$"

= V : >N?R<! = /*, ('1&<! : 1*121!JCT?RL!
mW/(2/*! ['+'1(#\$: /*. ('*#!/*! [12%1,%/*!1*2! : &% 6 1, '!JCT?RL!