

!
!

!

!"#\$%&'(!)*+!

!"#\$%&'()*'+

!

!
!
!

!

"#\$%&'(!)*+!!

)

)**IS! !!

'(!!"2<\$".d*-)"5%*)5020\$,d'("4"=;d12<d/(-0\$,012d3)140\$5M!"%W!b#(AS!

!

)

!
!
!

!

"#\$%&'(!)*+!!

!

!
!
!

!

"#\$%&'(!)*+!!

+

)**S! !

e 1 #(A.!#8! B%(93!/!.!,Y6(65-/2!d#(&/56#0S! 1 ;3! 1%.2%3!d%/(!=8#(!5;%!,#-2.!#8!
5;%! T69;Mf! '()& @\$4);I2& '-I<0,0"2%& Q& 9I-I<0=5& ."-& 3)2)P14M! 7/-2!
4;629#5%M!%=LM! ? '60<=#0!7(%..!

)**IS! !

e42#060<M! ;;%#2#<3! /0=! >5;69.! d6\$%! b%/(. ! ?85%(! @#223S! ?0! D\$%(\$6%Wmf!
O+I-,)-4;&3)D0)P! 1 605%(!

)***S!! !

e[#;0! 1%.2%3! /!.! UO5%((%26<6#- .! T%.#-(9%S! 1#-2=! b#-! :/A%! : ;6.! B/0! 5#! ?0!
UO5%(8/65;!@6/2#<-%if!60!Q&E-)I,& / "5 50,\$\$0"2%& / (-0\$,0I2&G">)&

& &

& & I2<&3)40=0"+\$& : 0D)-\$0,;8!B/(560!d#(W/(=M!,5%Y;%0!72/05M!/0=!,-./0!
1 ;65%M!%=.LM!7%5%(!Z/0<!!

IPPPS! !

eX%0=(!/0=!B#(/2653Mf! ?27;74">)<0I&"&@ "5)2&I2<&@ "-4<&3)40=0"2M!,%(0653!
b#-0<M!%=LM!B/9&622/0!7-'26.;60<!

IPPPS! !

eB#(/2!@6(%956#0!60!X%0%569!4#-0.%260<S!7(%0/5/2!:%.560<!/0=!V-0560<5#0g.!
@6.%/.%Mf!QW65;!V#W/(=!,5#0%RM!*I5040)\$8&F;\$,)5\$&I2<&G)I4,(%&' ()&
Y"+-2I4&"& / "44IH"-I,0D)&*I504;&G)I4,(&/I-)M!,Y(60<!

IPPPS!! !

eV-&/0!42#060<S! 1 ;3!,/3!"#Mf!d/9%15#!d/9%!,%956#0!W65;!:%=!7%5%(.M!@ "-<&
I2<&@ "-4<M! 1 605%(!

IPPPS!! !

e4;(6.56/0!T%.Y#0.%15#!V-&/0!42#060<Mf! / (-0\$,0I2&F"70I4&Q7,0"2M!D95#'%'

IPPPS!! !

eU5g.!5;%!Z6552%!: ;60<.S!>5;69./0=!>56a-%55%!60!5;%!D(=60/(3!7(/9569%!.!#8!
B 606.5(3Mf! '()&/0-7+0,&30<)-M!B/3!Q 1 /!./2.#15;%!<-%.5!%=65#(!#8!5;6.!B/3!
6.-%#0!&606.5%(6/2!%5;69.LR!

IPPPS! !

!

+

!
!
!

!

"#\$%&'%(!)*)+!!

H

)*JS! !

?!T%\$6%W!#8!'()&?, (07\$&".d ' I02,)<dC)=170)\$%&G+ 5 I2&*4"+-0\$(02=dI.,)-&
'-I+ 5 I,07&9 I\$, \$M! c /(%0!X-5;M!3)I<02=d3)40=0"2M! : ;%!?&%(69/0!?9/= %&3!
#8!T%26<6#0M!d% '(-/(3!

*)S! !

?!T%\$6%W!#8!9- ">()7; &02&I&F)7+4I-dQ=)M!@/\$6=: (-%M! '()&Y"+-2I4&".d, ()&F"70), ;&
".d / (-0\$,0I2&?, (07\$M!d/22\ 1 605%(!

*)IS!!

?!T%\$6%W!#8!3)02("4<dT0)H+ (-&02&, ()&IJJW\$%&/ (-0\$,0I2&3)I40\$5&."-&I&F)7+4I-d
Q=)8!T#0/2=!VL!, 5#0%8&' ()&Y"+-2I4&".d, ()&F"70), ;&".d / (-0\$,0I2&?, (07\$M!
d/22\ 1 605%(!

*)IIS! !

?!T%\$6%W!#8!E)2L^&30\$02=8!?0=(%W! : ;#&Y.#0M! '()&V20,)<dN), ("<0\$, &3)>"-,)-8&
[-23!

**)AS! !

?!T%\$6%W!#8!

!

H

!
!
!

!

"#\$%&'(!)*+!!

^

!

!
!
!

!

"#\$%&'(!)*+!!

G

IPP)S!!

e " %W!@%\$%2#Y&%05.!60!X%0%569!,96%09%Mf!T%Y#(5!4#N/-5;#(=%!W65;!B%&'%(.!#8!
5;%!C065%=!B%5;#=#.5!X%0%569!,96%09%!:/.A!d#(9%M!1/.;60<5#0M!@L4LS!
:;%!X%0%(/2!E#/(=!#8!4;- (9;!/0=! ,#96%53L! : ; %!=#9-&%05!W/.!/#Y5%='!3!
5;%!X%0%(/2!4#08%(09%!#8!5;%!C065%=!B%5;#=#.5!4;- (9;!60!IPP)!/0=!5;%0!
/&%0=%!/0=(%/=#Y5%!.%\$%(/2!56&% .L! : ; %!.5/5%&%05!60!5;%d ,#96/2!
7(6096Y2%.!#8!'()d!""#d".d : 0\$70>402)!/2.#!9/&%!8(#&!5;6.!5/.A!8#(9%L!!

!

% 6 % ! - + '% 2 - ' . ! % 2 4 +'

)*)JS!!

:#&!:-0A.!@6.560<-6.;%=!C06\$(.653!4656h%0!?W/(=M!,#-5;%(O!B%5;#=#.5!
C06\$(.653M!X6\$%0!5#!8/9-253!eW;#!;/\$%!=%�.5(/5%=!#-5.5/0=60<!
9656h%0.;6Y!5;(#-<; !=%=69/5%!.%(\$69%!5#!5;%!C06\$(.653!/0=165.!
<#\$(O/09%f!

)*)IN)JS!!!

B%&'%(M! ?25.; -2%(! ?9/= %&3!#8!@6.560<-6.; %=! : % /9;% (M!, # -5;% (O! B%5; #=#.5!
C06\$(.653!!

)*)IS!!

?25.; -2%(!@6.560<-6.; %=! : % /9;60<! ?W/(=M!, # -5;% (O! B%5; #=#.5!C06\$(.653!!

)*)*N)IS"

,9;#2/(23!D-5(%/9;! ?W/(=M!7%(A60.M!, # -5;% (O! B%5; #=#.5!C06\$(.653!!

)*)*S!!

! T%2.2(5)60 1 .92c Tf(!) B T500.0002-4<(0.)-0.2-Y2(!T%)0.2(X%)0.20.2(5)0.0.2(%)0M!

!

G

!
!
!

!

"#\$%&'(!)*+!!

0

)**JS! ! ?!VLDL7L>L!7(#8%..#(IQV#0#(60<!D-(!7(#8%..#(.g!>F9%22%09%RM!@%Y/(5&%05!#8!
,5-=%05!Z68%!/0=! ,5-=%05!V#-.60<M! ,#-5;%(O!B %5;#=6.5!C06\$(.653!
)**S)! ! ,/&!:/32#(!d%22#W.;6YM!C065%!=!B %5;#=6.5!X%0%(/2!E#/(=!#8!V6<;%(!>=-9/56#0!
/0=!B 606.5(3!
)**S)! ! ,9;#2/(23!D-5(%/9;! ? W/(=!7%(A60.M! ,#-5;%(O!B %5;#=6.5!C06\$(.653!
)**IS!! B /<-6(%!7-'269! ,9;#2/(M! ,#-5;%(O!B %5;#=6.5!C06\$(.653!
)**IS! ! B /<-6(%!:%/9;60<!d%22#W! ,#-5;%(O!B %5;#=6.5!C06\$(.653!
)**IS!! Z6223!X(/O5!Q5;(#-<;!7%(A60.R!8#(!4#-(. !@%\$%2#Y&%05!C.60<!@6.5/09%!Z%/(O60<!
:%9;0#2#<3!Q>.Y%96/223!UO5%(O%5!:%9;0#2#<6%.R!
IPPPN**S! 4;(6.56/O!d/65;!/O=!Z68%!/ ,/ ' /569/2!X(/O5! ? W/(=! '3! : ;%Z#-6.\$622%!UO.565-5%!
W65;! : ;%Z6223!>0=#W&%05!5#!.9;#2/(. !=.6<O60<!/O!e605%22%95-/223!
Y(#&6.60<!(% .%/ (9;Y[#]95f!5; /5! .%A. !5#!e&/A#!&#(1/99% .6'2%!5#!
(%26<6#-.!' %26%\$%(. !5; %!5; %&% .!#8!4; (6.56/O!8/65; !6O!(%2/56#0!5#!5; %!(%/2656% .!
#8!5; %6(!9#05%&Y#(/3!26\$.Lf!!!
IPPGS! ! E(65%!@6\$60653! ,9;##2!" #&60%18#(! :%F/. !4; (6.56/O!C06\$(.653!@%/Og.!: %/9;60<!
? W/(=!QCO6\$(.653NW6=!/W/(=!8#(!5%/9;60<!F9%22%09%LR!!
IPPINP)S! C06\$(.653!Q#(![-O6#(R!d%22#W.;6YM!UO.565-5%18#(!5; %! ? =\$/O9%!=! ,5-#3!#8!T%26<6#OL!!
! ! ? W/(=! '3!5; %!C06\$(.653!#8!4; 69/<#!@6\$60653! ,9;##2!5#!/!.&/22!<(#-Y!
#8!7;L@L!9/O=6=5%!.e#0!5; %! / .6. !#8!5; %6(!Y(#&6.%!8#(!=6.560<-6. ; %!
.9;#2/(23!9#05(6' -56#O. !/ .!FY(% . .%=!6O!5; %6(!/9/= &69!(%9#(= .!/O=
=6. .%(5/56#0!Y(#Y#./2.Lf!
IPPINP)S! >26h/ ' %5; !U2688! 1 /((%O!d%22#W.;6YL!X6\$%O! '3!5; %!U2688! ,9;##2!#8! : ; %2#<3!5#!
/2-&O6!W;#!/(%Y-(-60<!=#95#(/2!=%<(%% .L!Q@%9260%=R!
IPP*NPI\$ X(/=-5%!: %/9;60<!d%22#W.;6YM! : ; %!@6\$60653! ,9;##2M! : ; %!C06\$(.653!#8!4; 69/<#!!
IPOONPIS! 4%05-(3!d%22#W.;6YL! ? W/(=! '3!5; %!C06\$(.653!#8!4; 69/<#!5#!7;L@L!.5-=%05. !
W65; !e%F9%Y56#0/2! /9/= &69!(%9#(= .!/O=Y(#&6.%Lf!U5!W/ .!/5!5; %!56&%!5; %6(!
5#Y!/9/= &69!.9;#2/(. ;6Y!/O=!9#\$\$(% =!8-22!5-656#0!Y2-. !/!26\$60<! .56Y%O=L!
IPOONPIS! [#;O! 1 % .2%3!d%22#W.;6YL!X(/O5%='3! ? !d#-O=/56#0!8#(! : ; %2#<69/2!>=-9/56#0!5#!
e<685%=f!C065%!=!B %5;#=6.5!7;L@L!.5-=%05. !W65;6O!e5; %!92/ . .69/2!4; (6.56/O!
5(/=656#OLf!
IPOONOPS! @%&Y.5%(!d%22#W.;6YM!X6\$%O! '3!5; %!X%0%(/2!E#/(=!#8!V6<;%(!>=-9/56#0!/O=
B 606.5(3!#8!5; %!C065%!=!B %5;#=6.5!4; -(9; !5#!7;L@L!.5-=%05. !#0!5; %! / .6. !#8!
e605%22%95-/2!9#&Y%5%09%M!/9/= &69!/9;6%\$%&%05!L.L!L!t/O=u!92/(653!#8!
.Y6(65-/2!Y-(Y#.%!/O=!9#&&65&%05Lf!
IPO^NOOS! ,A/<<. ! ,9;#2/(. ;6YM! ? W/(=! '3!5; %!U2688! ,9;##2!#8! : ; %2#<3!5#! BL@6\$L!.5-=%05. !
W;#!e. ;#W!F9%Y56#0/2! /9/= &69!/ '62653!/O=!2% /=(. ;6Y!Y#5%056/2!6O!5; %!
9; -(9;Lf! : ;6. !W/ .M!/5!5; %!56&%M!5; %6(!5#Y!/9/= &69!.9;#2/(. ;6YL!

!
/ ! " + " 2 4 % 4) 0 2 + ') 2 ' % , % - " () , ' + " 4 4) 2 . + '
)*+s!!! T%.Y#0=%05M!E##A!@6.9-. .6#0!7/O%2M!

!

0

!
!
!

!

"#\$%&'%(!)*+!!

P

)* IS!!

e 1 ; /5!U!Z%/(0%!=!60!5; %!7/O=%&69S!4#00%95%=! : %/9; 60<!60!/! : 6&%!#8!
@6.9#00%956#0!f! : %/9; 60<!>88%956\$%0%..!, 3&Y#.6-&M!, B C!4%05%(!8#(!
: %/9; 60<!>F9%22%09%M! ? -<- .5!IP!!

)* IS!!

7/O%26.5M!eV#W!5#!E%!/!X(%/5!X(/=-/5%! , 5-=%05Mf! , B C!X(/=-/5%! , 5-=%05!
D(6%05/56#0M! B ##=3! , 9; ##2M! ? -<!II!!

)* IS!!

4#0\$%0%(!8#(!7(% .%05/56#0!/0=@6.9- .6#0!#8!B /55; %W!TL!7%5(-.%Ag. !Y/Y%(!eE3!
1 ; 69; !5; %!4#&&-0653!#8!7(/9569/2!T%/ .#0! 1 #-2=@%5%(&60%!U5!S! : ; %!
? (6.5#5%26/O!4#0\$%056#0/26.&!/5!5; %!V%/(5!#8!Z6' %(/56\$%!>5; 69.Mf! , #96%53!
#8!4 ; (6.56/O!>5; 69.M![/O- / (3!G!

)* IS!!

7(% .%05%(!e4 ; (6.56/O!T%/26.&!/O=!5; %!X2# ' /2!T#25=(6)0.2(%060 1 .92#2)0.2060 1 .92ETQq/OTQq00

!

P

!
!
!
)* IIS!

!

"#\$%&'(!)*+!!

I*

!

I*

!
!
!

!

"#\$%&'%(!)*)+!!

II

)**S!!

e4;(6.56/O!T%.Y#O.%.!5#!`6#2%09%Mf! : ;%!, #96%53!8#(!E-===;6.5!4;(6.56/O!,5-=6%.M!
7(%NB%%560<! /5!5; %! ? 00- /2! B%%560<!#8!5; %! ? &% (69/O! ? 9/= %&3!#8!
T%26<6#OM! : #(#05#M!DO5/(6#M! " #S%&'%(!

)**S! !

e: ;%! ` #9/56#O!#8!5; %!4; (6.56/O!V6< ;%(!>=-9/56#O!7(#8%. .6#O/2Mf!4#&&-0653!#8!!
! >=-9/5#(!T%5(%/5M! B% . .6/ ;!4#22%<%M!7%00.32\$/O6/M! ? -<- .5!

! !

)**S!!

7/O%26.5M!eX#=#/O=!X2#' /26h/56#OMf! ? 00- /2! B%%560<!#8!5; %! , #96%53!#8!4; (6.56/O!!
! >5; 69.M!7655. ' -(<;M!7%00.32\$/O6/M![/O- / (3!

! !

)**IS! !

B /<-6(%!7- '269!Z%95-(%M!, #-5; %(O!B%5; #=6.5!C06\$%(.653M!@/22/ .M! : %F/ .M!
" #S%&'%(!

)**IS! !

e: ; /5g.! ? 22! ? !B -2%!4 /O!@#S!T%5; 60A60<! 1 #A! /O=! ` #9/56#O!6O!CL, L!4-25-(%Mf!

!

II

!
!
!
IPPJS! !

!

"#\$%&'%(!)*+!!

I)

!

I)

!

!

"#\$%&'%(

!
!
!

!

"#\$%&'(!)*+!!

I+

)*I*S!!

IP"!4%05-(3!V#260%..! 1 #&%OM!UO.6=%!7%(A6O.!>\$%05!8#(!7(#.Y%956\$%!,5-=%05.M!

"#\$%&'(!+!!

)*I*S!!

!

I+

!
!
!

!

"#\$%&'%(!)*+!!

I^

)**^\$!!

7(% .%05/56#0!#0!5;%!C065%=!B %5;#=6.5!4#&&6..6#0!#0!B 606.5(3M!@%/9#0.g!
T%5(%/5M!4%05(/2!:%F/.!4#08%(%09%#8!5;%!C065%=!B %5;#=6.5!4;- (9;M!B /3!
eZ%5!5;%!4;62=(%0!4#&%\$! 1;/5!4;- (9;%./0=!4;62=(%0!D88%(!5#!>/9;!D\$;%Mf!
4;62=(%0g.!B 606.5(3!d#(-&M!" /56#0/2!4#08%(%09%!,Y#0.#(=%!' 3!5;%!
C065%=!B %5;#=6.5!X%0%(/2!E#/(=!#8!@6.96Y2%. ;6Y!/0=!: ;%!Z/(<%!4;- (9;!
U0656/56\$%M!V#-.5#0M!d%'(-/(3!

)**^\$!!

!

I^

!

!

"#\$%&'(!)*

!
!
!

!

"#\$%&'(!)*+!!

(" (# " ! + &) / + ' 0 1 1) , ' + ' % 2 - ' 0 4 & ' ! ' + ' ! 8) , ' ' 4 0 ' 4 & ' ' % , % - " (3 ') *) J ! N ! S ! ! B % & ' % (M ! , # 9 6 / 2 ! > 5 ; 6 9 . ! / 0 = ! D (< / 0 6 h 6 0 < ! 7 (#] % 9 5 !) *) I N ! S ! ! B % & ' % (M ! E # / (= ! # 8 ! @ 6 (% 9 5 # (. M ! ' () & N) , (" < 0 \$, & 3) D 0) P &) * I H N) ^ S ! B % & ' % (M ! E # / (= ! # 8 ! @ 6 (% 9 5 # (. M ! : ; % ! T % 6 0 ; # 2 = ! " 6 % ' - ; (! , # 9 6 % 5 3 !) *) I N) S ! ! ? . . # 9 6 / 5 % ! > = 6 5 # (M ! ' () & N) , (" < 0 \$, & 3) D 0) P ! !) * I G N) S ! ! 7 (% . 6 = % 0 5 M ! : ; % ! T % 6 0 ; # 2 = ! " 6 % ' - ; (! , # 9 6 % 5 3 ! ! I P O P ! N ! S ! , # 9 6 % 5 3 ! # 8 ! 4 ; (6 . 5 6 / 0 ! > 5 ; 6 9 . ! !

! ! ! B % & ' % (M ! U O 5 % (0 / 5 6 # 0 / 2 ! , 9 ; # 2 / (2 3 ! T % 2 / 5 6 # 0 . ! 4 # & & 6 5 5 % % M !) *) N) H !

! ! ! B % & ' % (M ! 7 (% . 6 = % 0 5 6 / 2 ! 4 # & & 6 5 5 % % ! # 0 ! 4 ; / (5 6 0 < ! # - (! d - 5 - (% M !) * I O ! ! !

! ! ! " # & 6 0 / 5 6 0 < ! 4 # & & 6 5 5 % % M ! B % & ' % (M !) * I o I J !

! ! ! 4 ; / 6 (M ! 7 (# 8 % . . 6 # 0 / 2 ! 4 # 0 = - 9 5 ! 4 # & & 6 5 5 % % M !) * *) o * H ! Q B % & ' % (! - 0 5 6 2 !) * I * R !

! ! ! B % & ' % (M ! E # / (= ! # 8 ! @ 6 (% 9 5 # (. M ! I P P P o) * * * J !

! ! ! 4 ; / 6 (M ! T % 8 # (& 6 0 < ! T % / 2 6 . & ! U O 5 % (% . 5 ! X (# - Y M ! I P P G o) * * * H !

! ! ! 4 ; / 6 (M ! 1 # & % O g . ! 4 / - 9 - . ! I P P + N P H !

! ! ! T % 8 % (% ! 8 # (! ' () & Q 2 2 + I 4 k " . & , () & F " 7 0) , ; d " . & / (- 0 \$, 0 1 2 k ? , (0 7 \$ M ! I P P + o) * * * * !

! ! ! B % & ' % (M ! 7 (# < (/ & ! 4 # & & 6 5 5 % % M ! I P P O !

! ! ! B % & ' % (M ! : / . A ! d # (9 % M ! , 5 / 0 = / (= . ! # 8 ! 7 (# 8 % . . 6 # 0 / 2 ! > 5 ; 6 9 . M ! I P P G o P O !

I P O G ! N ! S ! B % & ' % (M ! ? & % (6 9 / 0 ! ? 9 / = % & 3 ! # 8 ! T % 2 6 < 6 # 0 !

! ! ! B % & ' % (M ! , 5 % % (6 0 < ! 4 # & & 6 5 5 % % M ! : ; % ! 1 % . 2 % 3 / 0 ! , 5 - = 6 % . ! X (# - Y M !) * * + o I * ! ! ! !

I P P ^ N * O S ! E # / (= ! # 8 ! @ 6 (% 9 5 # (. M ! Y " + - 2 1 4 k . " - k / (- 0 \$, 0 1 2 k ' () " 4 " = 0 7 1 4 k 3) \$) I - 7 (M ! ? 0 ! > 2 % 9 5 (# 0 6 9 ! [# - (0 / 2 ! 6 0 ! , 3 . 5 % & / 5 6 9 ! / 0 = ! B # (/ 2 ! : ; % # 2 # < 3 ! Q 8 6 (. 5 ! # O N 2 6 0 % !] # - (0 / 2 ! 6 0 ! 5 ; # 2 # < 3 R ! 4 ; (6 . 5 6 / 0 ! : ; % # 2 # < 6 9 / 2 ! T % . % / (9 ; ! d % 2 2 # W . ; 6 Y M ! ` 6 9 % N 7 (% . 6 = % 0 5 M ! I P P) o) * * * I !

I P P G N * ^ S ! B % & ' % (M ! > = 6 5 # (6 / 2 ! ? = \$ 6 . # (3 ! E # / (= ! ! c 6 0 < . W # # = ! E # # A . M ! ? ' 6 0 < = # 0 ! 7 (% . . .) * * * S ! ! 4 # 0 . - 2 5 / 0 5 M ! e d / & 6 2 3 M ! B / ((6 / < % M ! / 0 = ! 5 ; % ! 7 (# 8 % . . 6 # 0 . M f ! : ; % ! T % 2 6 < 6 # 0 M ! 4 - 2 5 - (% M ! / 0 = ! d / & 6 2 3 ! 7 (#] % 9 5 M ! : ; % ! C O 6 \$ % (. 6 5 3 ! # 8 ! 4 ; 6 9 / < # M ! d % ' (- / (3 !) H o) G !

I P P ^ S ! ! 1 # (2 = ! B % 5 ; # = 6 . 5 ! V 6 . 5 # (6 9 / 2 ! , # 9 6 % 5 3 M ! B % & ' % (! / 0 = ! , % & 6 0 / (! 4 # 0 \$ % 0 % (!

I P P ^ S ! ! 1 # (2 = ! B % 5 ; # = 6 . 5 ! 4 # 0 8 % (% 0 9 % M ! @ % 2 % < / 5 % ! / 0 = ! X (# - Y ! Z % / = % (!

I P P ^ S ! ! 1 # & % O g . ! 4 / - 9 - . ! # 8 ! 5 ; % ! C O 6 5 % = ! B % 5 ; # = 6 . 5 ! 4 ; - (9 ; M ! B % & ' % (! / 0 = ! 1 (6 5 % (!

I P P H S ! ! 4 # 0 . - 2 5 / 0 5 M ! 1 % . 2 % 3 / 0 ! V % (6 5 / < % ! , % (6 % . M ! C O 6 5 % = ! B % 5 ; # = 6 . 5 ! 7 - ' 2 6 . ; 6 0 < ! V # - . % M ! ? ' 6 0 < = # 0 ! 7 (% . . M ! " / . ; \$ 6 2 2 % M ! : % 0 0 % . . % % !

I P P J N P H S ! B % & ' % (M ! E # / (= ! # 8 ! > 5 ; 6 9 . M ! : % F / . ! D . 5 # Y / 5 ; 6 9 ! V # . Y 6 5 / 2 M ! d # (5 ! 1 # (5 ; ! !

I P P + S ! ! 4 # 0 . - 2 5 / 0 5 M ! E % 2 6 % \$ % (. ! : ; % # 2 # < 3 ! , % (6 % . M ! C O 6 5 % = ! B % 5 ; # = 6 . 5 ! 7 - ' 2 6 . ; 6 0 < ! V # - . % M ! ? ' 6 0 < = # 0 ! 7 (% . . M ! " / . ; \$ 6 2 2 % M ! : % 0 0 % . . % % !

I P P J N P + S ! 1 # (A 6 0 < ! X (# - Y M ! > - (# Y % / 0 \ " # (5 ; ! ? & % (6 9 / 0 ! d % & 6 0 6 . 5 ! 4 ; (6 . 5 6 / 0 ! : ; % # 2 # < 3 M ! !

! ! ! : w ' 6 0 < % O M ! X % (& / 0 3 !

I P P J S ! ! > - (# Y % / 0 ! , # 9 6 % 5 3 ! # 8 ! 1 # & % 0 ! 6 0 ! : ; % # 2 # < 6 9 / 2 ! T % . % / (9 ; M ! Z # - \$ / 6 0 M ! E % 2 < 6 - & M ! !

! ! ! T % < 6 . 5 % (% = ! X - % . 5 !

I P O I S ! ! !

!

!
!
!

!

"#\$%&'%(!)*+!!

IP

!

! ! "#\$%&'(!)*+!!)*

! !

! !

)**IN*)S! 7%(A60.!@%/0!,%/ (9;!4#&&655%!

)**IN*)S! 4;/6(Y%(.#0M!X%0=(M!T/96/2M!>5;069!4#09%(0.!4#&&655%!

)**IN*)S! "#&60/56#0.!4#&&655%!

)***N*IS! ! V6.5#(69/2! : ;%#2#<3!,%/ (9;!4#&&655%!!

)***N*IS! ! ,3.5%&/569! : ;%#2#<3!,%/ (9;!4#&&655%!!

)***N*IS! ?9/= %&69!7(#<(/&.!4#&&655%!

!

F)4)7,)<#9)-#02\$&C)7,+-\$8&9-\$)2,I,0"2\$8&/ "2,02+02=d?<+7I,0"2&?D)2,\$%&

)*)JS!! T%.Y#0=%05M!T%\$6%W!#8!' ()&3"+,+-)&"& / (-0\$,0I2&3)I40\$5S!62,)-2I,0"2I4&/ "2.407,8& 9"40,07I4& :)7I;8&I2<&, ()&/ -0\$0\$&"& :) 5"7-17;&Q9#N%=65%=!W65;!@/22/.!

X60<2%.RM!7%(A60.!d/9-253!E##A!4%2%' (/56#0M! "#\$%&' %(!^!!

)*)JS!! 7/0%26.5M!7%(A60.!d/22!d/9-253!4#08%(&09%M! "%W!4-((69-2-&!/0=!B#=#/2656%.M! ,%Y5%&' %(!G!

)*)JS! T%.Y#0=%05M!T%\$6%W!#8!' ()&3"'+,4)<=&)/ "5>I20"2&,"&/ (-0\$,0I2&?, (07\$!Q9#N%=65%=! W65;! ,5%\$%!Z#0<RM!7%(A60.!d/9-253!E##A!4%2%' (/56#0M! B/(9;!^!!

)*)IS!! 4#&&6..6#060<!B#9A!U05%(\$6%W.M![/0-/(3!))!

)*)*S!! 4#0\$0% (M!4-((69-2-&!T%\$6%W!d/9-253!/.!X-62=M!D95# '%(!IP!!

)*)*S!! 7(% .%05%(!/0=!4#0\$0% (M!4-((69-2-&!T%\$6%W!7(% .%05/56#0!8#(!d/22!d/9-253! 4#08%(&09%M! ,%Y5%&' %(!II!

)*)*S!! 7(% .%05/56#0!#0!7(6.9622/!7#Y%N%Z%\$6.#0M!N"<)4\$&"&?DI2=)40\$5M!7%(A60.!d/9-253!!

! E##A!4%2%' (/56#0M! "#\$%&' %(!)!

)*)*S!! B606.5(3!Z%<6.2/56#0!' %8#(0!5;%!)*)*!C065%=!B %5;#=6.5!X%0%(/2!4#08%(&09%M! 7(% .%05/56#0!8#(!4V?7!Q4#&&-0653!V#-(!/5!7%(A60.RM!W65;!B /F! 1 ;6586%2=M! ?Y(62!)I!!

!
!
!

!

"#\$%&'(!)*+!!

)I

)*IJS! !

7/(5696Y/05M!4#0.-25/56#0!'%5W%0!4#2-&'6/0!9;- (9;!2%/=(.M! : ; %!4%05%(!8#(Z/560#\!/!,5-=-6%.M!/0=!: ; %!X%0%(/2!E#/(=!#8!V6<; %(!>=-9/56#0!/0=!
B606.5(3M!D95# '%(!)PNJI!

)*IJS!! !

7(% .6=(!/0=! 1 #(. ; 6Y!Z%/=(M!7%(A60.! , Y6(65- /2!d#(&/56#0!T%5(%/5M! , %Y5%&'%(!I+!!
)*IJS!! ! e: ; %!U082-%09%#8!C(. -2/!"6%' - ; (!#0!5; %! 1 #(!#8!T%60; #2=! "6%' - ; (Mf!

)*IJS!! !

7(% .%05/56#0!8#(!@%/Og.!T#-0=5/ '2%M! , %Y5%&'%(!I!
)*IJS!! ! eZ6\$60<!5; %!d/65; !#0!/!76(/5%!, ; 6YS! : ; %! B606.5%(!/0=!7#26569.Mf! : ; %! B / (560!
Z%95-(%M! B606.5%(! 1 %%AM!7%(A60.! , 9; ##2!#8! : ; %!#2#<3M! , # -5; %(!
B%5; #=-6.5!C06\$(.653M!d%' (-/(3!

)*I)S!! !

7(%/9; %(!/0=!7(% .6=(!/5! : / '2%M!7%(A60.!4 ; /Y%2M! , %Y5%&'%(!IP!!

)*I)S!! !

7(% .%05/56#0!#0! : ; %!#2#<69/2!>=-9/56#0!/0=!5; %!C065%=! B%5; #=-6.5!4 ; - (9; M!d/22!
d/9-253!T%5(%/5M! , %Y5%&'%(!

)*I)S!! !

7(% .%05/56#0!#0!C065%=! B%5; #=-6.5!X%0%(/2!4#08%(%09%U.. - % .M!7%(A60.!>F%9-56\$%!
E#/(=M! B / (9; !)I!

)*IIS!! !

egE-5!B3! " / &%!U.Og5!#0! ?03!#8!5; %!E##A.g\$!C(. -2/!/0=!T%60; #2=! "6%' - ; (!/ .!
: ; %!#2#<69/2!4#22/ ' #(/5#(.Mf!7%(A60.!d/9-253!Z-09; M!@%9%&'%(!H!!

)*IIS!! !

T%.Y#0=%05!5#!7/Y%(! '3!c / (%0!E/A(%Nd2%59; %(!M!7%(A60.!d/9-253! , 3&Y#.6-&M!
"#\$%&'%(!I+!

)*IIS!! !

d/96265/5#(M!eZ6.5%060<!8#(!D-(!4#&�!B6..6#0S! : ; %!4 ; - (9; !/0=!: ; %!#2#<69/2!
>=-9/56#0!/5!7%(A60.Mf! B%560<!#8!E6. ; #Y.!/0=!D5; %!(!4#08%(%09%Z%/=(.!
#8!5; %! , # -5; !4%05(/2![-(6.=6956#0!#8!5; %!C065%=! B%5; #=-6.5!4 ; - (9; M!
D95# '%(!IG!

)*IIS!! !

eB / A60<!X##=!C. %!#8!X(6%8Mf!7(% .%05/56#0!8#(!@%/Og.!T#-0=5/ '2%M! "#\$%&'%(!P!

)*IIS!! !

7(% .%05/56#0!#0!C065%=! B%5; #=-6.5!X%0%(/2!4#08%(%09%U.. - % .M!7%(A60.! ? 2-&0!
4#-0962M! , %Y5%&'%(!O!

)*IIS!! !

7(% .%05/56#0!#0!7%(A60.! ? .. .%&05!7(#9. .!/0=!: ; %!#2#<3!4(%=#.M!d/22!d/9-253!
T%5(%/5M! , %Y5%&'%(!I*!!

)*IIS!! !

d/9-253!>F/&60%(M!D(/2!>F/&.!8#(!5; %!7/ .5#(/2!4/(%!4%(56869/5%M! ? Y(62!)G!!

)*IIS!! !

7(% .6=(M!>-9; /(6.5M!7%(A60.!4 ; /Y%2! 1 #(. ; 6Y! , %(\$69%M! ? Y(62!)I+!!

)*IIS!! !

B#=(/5#(M!7/0%2!#0! 1 /(!/0=!7%/9!U.. - % .M!X(/O! , 5/.. %0!/0=!7; 62! 1 #</&/O!
B606.5%(! 1 %%AM!d%' (-/(3!O!

)*I*S!! !

7(% .6=(M!>-9; /(6.5M!7%(A60.!4 ; /Y%2! 1 #(. ; 6Y! , %(\$69%M! "#\$%&'%(!IO!

)*I*S!! !

IP!"!4%05-(3!V#260... ! 1 #&%OM!UO.6=17%(A60.!>\$%05!8#(!7(#.Y%956\$%!,5=-%05.M!
"#\$%&'%(!+!!

)*I*S!! !

d/9-253!>F/&60%(M!D(/2!>F/&.!8#(!5; %!7/ .5#(/2!4/(%!4%(56869/5%M! ? Y(62!)G!!

)*I*S!! !

7%(A60.!4 ; /Y%2! , %(�M! ? Y(62)!

)*I*S!! !

d/9-253!>F/&60%(M!D(/2!>F/&.!8#(!5; %!7/ .5#(/2!4/(%!4%(56869/5%M! ? Y(62)!)^!

)*I*S!! !

e? '(/ ; /&!Z609#20g.!T%26<6#- .!D=3. .%3Mf!7/0%26.5\T%.Y#0=%05!5#!7/Y%(! '3!T#0!
1 ; 65%M! , # -5; %(!B%5; #=-6.5!C06\$(.653M!d%' (-/(3!I)!!

)*I*S!! !

ed60=60<! /!X##=!d65S!>\$#2-56#0M!V-&/O! " /5-(%!/0=! B6.&/59; !: ; %!(3Mf!
1 #&%0g.!Z%95-(%M!7%(A60.! B606.5%(! 1 %%AM!d%' (-/(3!))!

)*I*S!! !

e>\$#2-56#0/(3! B6.&/59; !: ; %!(3Mf! 1 #(!. ; #YM!7%(A60.! B606.5%(.g! 1 %%AM!
d%' (-/(3!))!

)*I*S!! !

e: ; %!(3!/0=!7(/9569%#8!>5; 69.!60!4 ; - (9; !/0=!4#&&-0653Mf!7(% .%05/56#0!W65; !
>5; 69.!4#22%/<- % .!8#(!7%(A60.!>F%9-56\$%!E#/(=M!D95# '%(!I+!!

)*PS!!!!

ed60=60<!5; %!7/9%#8! " /5-(%S!>\$#2-56#0/(3! B6.&/59; !: ; %!(3!/0=!: ; %!#2#<69/2!
>=-9/56#0Mf!7%(A60.!d/9-253!Z-09; %!#0!Z%95-(%M!D95# '%(!H!

)*PS!! !

?2/ .A/!7%(A60.! , 9; ##2!8#(!Z/653M! , %Y5%&'%(!

!

)I

!
!
!

!

"#\$%&'%(!)*+!!

))

)**OS!!

E2/9A! , %&60/(6/0.! ? ..#96/56#0!7(% .%05/56#0M! ? Y(62!I!

)**OS! !

1 #&%0g.! 1 %%A!7/0%26.5M! B/(9;!)H!

)**OS!!

B 606.5(3!Z%<6.2/56#0!E%8#(%!5;%!) **O!C065%=! B %5 ; # = 6.5!X%0% (/2!4#08%(%09%M!

7(% .%05/56#0!8#(!4V ? 7!Q4#&&-0653!V#-(! /5!7%(A60.RM! B/(9;! +!

)**OS!!

7/0%26.5M!C065%=! B %5 ; # = 6.5!@#95(60/2!@% '/5%M!7%(A60.! B 606.5%(.! 1 %%AM![/0!)P!

)**^N*GS!!

4#Nd/96265/5#(M! 1 / ' / . ; !d-0=%=! , 5--=3!X(#-Y!8#!7%(A60.!d/9-253!#0!e@6\$%(.653!

!

))

!
!
!

!

"#\$%&'(!)*+!!

)J

)*!*N)JS!! B % & ' % (M! : 32% (! 1 # & / 9A M! Qk / 4I2=02=dF; 5H"4%k ' () "4"=; & k C12=+I=) & k I2<k N "2); M!
, -99% . .8-2! @ % 8% O . % M! ? Y(62!) + M!) *) J!

)*IPN)JS!! B % & ' % (M! E(6/0!42/(AM! ' "PI-<k I k 9- ",)\$, I2, & N"-14k ' () "4"=; k ".d, () k / " 5 5 + 20"2k
".dFI02,\$%k G "P k, () k FI02,\$k Q0<k N"-14k ' (02#02=M!, -99% . .8-2! @ % 8% O . % M! ? Y(62!
) ^ M!) *) Jk

)*) IS!! B % & ' % (M! ? 0=(%W! B % (9% (M! ? 774)\$0I4k V20, ; k 02k / ; -04k ".dQ4)R12<-0I!Q[#60%=!5; %!
=6. . % (5/56#0!9#&&655% ! -Y#0!5; % !=% /5; !#8! 1 6226/ & ! ? ' (/ ; / & R!

! ! !
, -99% . .8-2! @ % 8% O . % M! @ % 9% & ' % (!IOM!) *) I!

)*ION)IS!! B % & ' % (M! ? ' 6</62! 1 ##22% 3!4 -55% (M! Qk 3) 2) P <k / (-0\$, 0I2k FIHHI, (8k Q.,) -k
/ (-0\$,) 2 < " 5 k I2 < k Q.,) -k F + >) - \$) \$ 0 " 20 \$ 5!

! ! !
, -99% . .8-2! @ % 8% O . % M! ? Y(62!) JM!) *) I!!

)*ION)IS!! B % & ' % (M! [-.560!E/((60<% (M! 9- ",)\$, & I2<k 9 "40, 07\$%k Qk ! 0"=-I>(07I4k ' () "4"=; k ".d
*-0) 2 < \$ (0 > 8k / (I - 0, ; k I2 < k ? 7 " 2 " 5 07k Y + \$, 07)!!

! ! !
@ % 8% O . % ! ? Y(62!) M!) *) I!

!

)J

!
!
!

!

"#\$%&'(!)*+!!

!

! ! "#\$%&'(!)*+!!)^
!
!
!)**HN*OS!! `69%N4 ; /6(M!4#&&6. .6#0!#0! : ; % #2#<69/2!>=-9/56#0M! : ; % !C06\$(.653! , %0/5%!!
)**HN*OS! B % & ' % (M!C06\$(.653! , %0/5% !#8!5 ; % !C065% =! B % 5 ; # = 6.5!4 ; - (9 ; M!>2%95% =! ' 3!5 ; % !) ** +!
X%0% (/2!4#08% (%09% !#8!5 ; % !C065% =! B % 5 ; # = 6.5!4 ; - (9 ; !
)**JN*OS!! B % & ' % (M! 1 # & % 0g. !Z% / = % (. ; 6Y! : % / & !#8!5 ; % ! , # - 5 ; !4%05 (/2! [- (6. =6956#0!
)**+S! ! 42% (<3!@%2% < /5%M!X%0% (/2! /0 =! [- (6. =6956#0/2!4#08% (%09% . !#8!5 ; % !C065% =! B % 5 ; # = 6.5!
4 ; - (9 ; M!>2%95% =! ' 3!5 ; % !92% (<3!#8!5 ; % ! ? (A/O. / . !4#08% (%09% !
)**+S! ! `69%N4 ; /6(M!Z% <6.2/56\$% !4#&&655% !#0!V6< ; % (!> = -9/56#0! /0 =! B 606.5(3M! : ; % !
X%0% (/2!4#08% (%09% !#8!5 ; % !C065% =! B % 5 ; # = 6.5!4 ; - (9 ; !!
)**+S!! 4#N4 ; /6(M! , - 'N4#&&655% !#8!(>2= % (.M!Z% <6.2/56\$% !4#&&655% !#0!V6< ; % (!
> = -9/56#0! /0 =! B 606.5(3M! : ; % !X%0% (/2!4#08% (%09% !#8!5 ; % !C065% =! B % 5 ; # = 6.5!
4 ; - (9 ; !!
)**+S!! d2##(!B /0 / < (!8#(! 1 # & % 0g. !Z% / = % (. ; 6Y! : % / & M! , # - 5 ; !4%05 (/2! [- (6. =6956#0/2!
4#08% (%09% !!!
IPPGNPPS!! 4#0\$%0% (!/0 =!D (< /06h% (M! x - / (5% (23!4#0. -25/56#0. !#0!5 ; % !T%5%056#0!#8!
42% (<3W#&%0!60!5 ; % !4%05 (/2! : % F / . !4#08% (%09% !
IPPGS!! B % & ' % (M!C065% =! B % 5 ; # = 6.5!4#&&6. .6#0!#0!X%0%569! , 96%09%M!X%0% (/2!E# / (= !#8!
4 ; - (9 ; !/0 =! , #96%53M! 1 / . ; 60<5#0M!@L4L!!
IPP^S! ! @%2% < /5%M! , & /22!X(#-Y!Z% / = % (M! /0 =! , % & 60 / (!4#0\$%0% (!
! ! ! 1 # (2 =! B % 5 ; # = 6.5!4#08% (%09% M!T6#! = % ! [/0%6(#M!E (/h62M! ? - < - .5!!
IPP+S! ! >2= % (g. !D (=60/56#0!60!5 ; % !Z6552% !T#9A!4#08% (%09% !!
IPOPNP)S! B % & ' % (M!C065% =! B % 5 ; # = 6.5!X%0% (/2!4#08% (%09% ! : / . A!d#(9% !#0!X%0%569! , 96%09%M!
1 / . ; 60<5#0M!@L4L!!
IPOONP)S! B % & ' % (M!E# / (= !#8!@6%95#(.M!C065% =! B % 5 ; # = 6.5!X%0% (/2!E# / (= !#8!4 ; - (9 ; !/0 =!