!
$ %&"
'"$ ( )*+,-. +/"0 . 1*2"
'"$)2 3 (3 454/"#67*1"
'"#2++24872/"9*: 2"
'"#15 ; 4/"$ - 2"
'"#16,(3 4(+,72/"92612"
'"<28/"=5+21*("
'">24)*71/"=5+("
'">(3 *4*+,/"? 2442-"#5-(4"
'"@55+(',-(42+/"A 27*54B">724C*+B"#12*7(B"D 3 *16"92: 5"E2F,(7"G 2,C- 3 24"
+C(4(+H"
'"@5,-/"9 . C*2"
'"? 2I (7J75/"D 3 "$) . *127"
'"A 28"%C*(4,*+,/"$*+-2"
'"A (,2/"$1*C("
'"A 5 . 4,2*4"? *KK*(/"$ 42*+"
'"L(271"#1 . ,C-(7/"@72C("
'"M211(6"@*71/"? 2442-"@57854"
'"G 21,(7"#754N*,(/"$ I (76"
'"G 2,C- 3 24/"D 3 *16"92: 5"
'"O(. +/"02+K(7"
"

"

! " # $ %& ' (%) *+ , - . * / %) *+ , - 0 / 1 % 234 % 5046 % 7) 6 % 808 / 9 + % : + * 4 + % + - 6 % 2046 ; %

"

"

"

! " # $ # % ' %

"

b"

"C%:$!)D1+=7!#$%& ' (!45.++),=!1!)D41+)@)*+7>!*

"

#=PUVW&D/"G("27(")(,,*4)";578",-2,",-("&75^24"G27"-2+"C53(",5"24"

(48S"

"

"#EF:G;<G(:&9!)+),=!H1+5!C%:$7>!*

"

>$U@W=9/"P-"36")5+-B"*,Y+"#16,(34(+,72R"&-("].((4"-(7+(1F"-2+"

277*I(8R"

#9[&DAUD%&=$/"@558"(I(4*4)B";2,C-324S"G-2,Y+",-("32,,(7Z"

G$&#?A$U/"A6"].((4R"W"-2I("+((4",-("+*)421"F*7(S"&-(";27"*+"5I(7S"

LD$=9"#9Q&#?D=/"G(11B"*+4Y,",-2,"^.+,"K(2C-6R"[5.7"-.+J248"

$)23(3454"*+"C53*4)"-53("248"65.Y11"J("J6"-*+"+*8("2)2*4S"

#9[&DAUD%&=$/"E*I.B=)!+6!I,64)*==-!J6,4)3!=@1/)-!5125K*I1+45)3!*

*L614)*H"G5;S"[222226S"W"C24Y,";2*,S"Q3B"27("65."+.7("65."5J+(7I(8",-("

F*7("+*)421+"C577(C,16Z"

G$&#?A$U/"L5+*,*I(S"W"-2I("2"I(76"K27,*C.127"+(,"5F"+N*11+S"

#9[&DAUD%&=$/"=*)-,B"6(2-B"5N26S"?*I.B=)=!J6,!.!=)46*3A!#5.18"

+53(54(")(,"$()*+,-.+Z"

#9PGU/"\\-54N"-54N\\"

"

"#E%8<!)D1+=!+6!2)+!9GCM(:$ ' (7>!

"

#9[&DAUD%&=$/"?("4((8+",5"N45;S"Q3B"J(C2.+(B".3B"-(Y+"

$)23(3454Y+"C5.+*4S"

M$99D["@W=9/"$48"65.7"+*8("K*(C(S"

>DAWUW%&/"@558"F57"-(7S"

>$U@W=9/"WF"5416"*,";2+"3(R"

"

"#E%8<!,)+B,=!H1+5!9GCM(:$ ' (7>!*

"

! " # $ %&<(%=3%>3?%@*/+%+3%A0BB% . >%-?:C*/8D%7=3%>3?%
@*/+%+3%C?0B8%*%:/3@ . */D;%

#9 [&DAUD%&=$/"
$()*+,-.+Z"
"
<5"65." ; 2442"N*11" 36"-.+J248Z"
#53("54B"1(,d+" 32N("-*3"K26R"
>57"211",-(",-*4)+"-("**?0?**",5"3("
<54Y,"65."2)7((Z"
G("-2I(",5"F*48"2" ; 26"
"
?("+2C7*F*C(8"5.7"82.)-,(7""
&5"$7,(3*+"
&5826"*+"-*+"12+,"826R"
"
<5"65." ; 2442"85"2"+,2JJ*4)Z"
EW,"85(+4d,"-2I(",5"J("2"+,2JJ*4) ` H"
"
$D@W%&?Q%/"
?.-Z"
"
#9 [&DAUD%&=$/"
&*3(",5"+126R"
"
<5"65." ; 2442"N*11" 36"-.+J248Z"
&-(" ; 7*,*4)Y+"54",-(" ; 211"
W",-*4N"+53("3.78(7*4)"*+"5I(78.("
WdI("+,27,(8"K726*4)",5"
&-("(4,*7("K24,-(54R"
"
$D@W%&?Q%/"
?24)"*4",-(7(B"36"].((4R"
"
#9 [&DAUD%&=$/"
W")(,"2"1*,,1("+,2JJ6"
>7533",*3(",5",*3(R"
W" ; *+-"W"C5.18")5.)(",-2,"F*1,-6"C123 36'-248(8"J2+,278Y+"(6(+"5.,R"
"
$D@W%&?Q%/"
E%C55KB"+C55KB"+C55KB"+C55KB"+C55KZH"
"
#9 [&DAUD%&=$/"
W"N45 ; "65.Y11"-(1K"3("
&-(", ; 5"5F".+"C24" ; *4"
L1(2+("-2I("C5.72)(B" ; (Y11"-2I("2" ; -51("4(; "1*F(B"

! " # $ %&<EF(%G>6%G>6%G>6%

$D@W%&?Q%/"
G(Y7(")5442"(48"$)23(3454Y+"1*F(""
WY3")5442"-(1K"J6"J7*4)*4)",-("N4*F(""
[5."326"-2,("3("J.,"-(Y+")5,",5"8*(""
T2J6"J6("J6("J6('"
"
#9[&DAUD%&=$/"?54B"45,"45;S"G("4((8",5"K7(K27("F57"
$)23(3454Y+"7(,.74S"G("4((8",5"J("4*C("+5"-("85(+4Y,"+.+K(C,"
246,-*4)S"

! " # $ #% (%

"9C9 ; G ; <%<!=+,B+=!36H!+5)!.1=/)!+6H.,3!+5)!=+.2)-!H1+5!*
*#9((9<O&9!@6I1*2!./6*2!P)51*3!51@7!#$%& ' (!,B=5)=!6B+!6J!+5)!*

"

"9C9 ; G ; <%<!)D1+=!1+6!+5)!I./.4)7>!*

"

#9 [&DAUD%&=$/"#2++24872B"WY3"+5"+5776"36"-.+J248",7(2,(8"65."
1*N(",-*+S"
$D@W%&?Q%/"A*:"#2++24872B"W"23"35+,"()7()*5.+16"+5776S"G-2,"C24"
;("85",5"-(1KZ"
#$%%$U<=$/"?2/.,)=!.+!+5)@!=1/)*+/NA"
<$</"[5."5N26",-(7(B"A*:"#2++24872Z"
#$%%$U<=$/"?2/.,)=!.+!+5)@!=1/)*+/NA!
#9 [&DAUD%&=$/"W"K753*+(B";(";*11")*I("65."F558"248";2,(7"248"
;-2,(I(7"65."4((8B"5N26Z"[5."C24"+,26"-(7("2+"154)"2+"65."4((8B"57"
;("C24"-(1K"65."F*48"+533(K12C(",5")5S"
#$%%$U<=$/"?2/.,)=!.+!+5)@!=1/)*+/NA"
AD&$/"9(,Y+")*I("-(7"+533("+K2C(S"
#9 [&DAUD%&=$/"PN26S"WY11"J("*4",-("K212C("*F"65."4((8"3(B"
217*)-,Z"
$D@W%&?Q%/"G("27(",7.16"35+,"+5776B"A*:"#2++24872S"
#9 [&DAUD%&=$/"$()*+,-.+B"C53(";*,-"3(S"W,Y+",*3(S"
"

*"#EF:G ; <G(:&9!.*3!9GCM(:$ '(!)D1+!1*+6!+5)!I./.4)7>!*

!

! " # $ # % # !

"#9((9<O&9!+.0)=!4)+),!=+.2)!.*3!=+,10)=!.!3,.@.+14!I6=)7>!*

"

?$MD=T=P/"<.8(B"27("65."5N26Z"[5."155N";(*78S"
M$99D["@W=9/"W+",-2,"2"4(;"65)2"K5+(Z"
APQU&$WU"?WLLWD/"&-2,Y+"45,"65)2S"%-("4((8+"24"(4(7)6"-(21*4)S"
AD&$/"U5B"65.")."6+B"J("].*(,S"%-(Y+"-2I*4)"2"I*+*54S"

"

*"#E%8<!=+.,+=!5.*31*2!6B+!P.//66*!.*1@./=7!#$%&'(S=!3.*4)!*
*@6L)=!1*L6/L)!P.//66*!.*1@./=7>!*

"

! " # $ % &P(%Q3>*B:%

#$%%$U<=$/"
W"-28"4(I(7"+((4"2")58"*4",-("F1(+-"
&*1"$K5115"C23(",5"C211"54"3(a"W"+K.74(8"-*3"
$48"45;",-("C.7+(",-2,"W"-2I("1(F,/"
W"K75K-(+6B"45"54(";*11"1*+,(4"

"

T(27+"2"C.7+("5F"+2I2)("-2,("*4",-("J15581*4("
G-(4"#16,(34(+,72"N*11+"-(7"+K5.+("
%-(Y11"N*11"3(",55a"W"+((",-(")58Y+"+*)4+"
"
$48"45;"36"I*+*54Y+"1*N("
T2,-,.JB"82))(7B"123J",5",-("+12.)-,(7"
&2N*4)"7(I(4)("F57",-("8(2,-"5F"-(7"82.)-,(7"
&-(6"854Y,"C27("
&-(6"+2*8B"f#72:6")*71B")5"54B"87(23g"
T.,"211"36"I*+*54Y+"1*N("
T1558+,2*4+B"3.78(7B"W"C24"+((",-("F.,.7("
&2N*4)"3("85;4"1*N("2"F*7+,'K(7+54"+-55,(7"
&-(6"854Y,"C27("
&-(6"+2*8B"f#72:6")*71B")5"54B"87(23g"
"
P-B"W".+(8",5"J("75621"E#?P=Q%/"75621H"
L7*4C(++"J2CN"*4"&756"
U5;",-("C*,6"1*(+"8(+,756(8"
$48"WY3"+,.CN";*,-"2736"J56"
#16,(34(+,72",-("7.1(7"E#?P=Q%/"7.1(7H"
G("F211"*4,5"-(7"-248+"
$48"J2J6B"W"F211B"W"F211B"W"F211B"W"F211"
$+"-(7"J*,,(7"-(27,"8(3248+"
"
"#9((9<O&9!)D1+=!1+6!+5)!I./.4)7>!*
"
@P&?/">*42116B",-("24)+,"WYI("J((4";2*,*4)"F57S"
@PP%D&?DU$/"&?D=D"GW99"TD"?QA$U">9D%?R"&?D"<D$<"
VWU<R"
A$<"%#WDU&W%&/"?)D41+)3A!W+"*,",7.(Z"W+",-(7("2J5.,",5"J("2"82+,27816"
3.78(7Z"
#9PGU/"\\\-54N"-54N\\\"
?$MD=T=P/"U2-S"#-*11"5.,B"J7.-S"

LD$=9"#9Q&#?D=/"&-(7("C(7,2*416";*11"J("45,-*4)"5F",-("+57,S"
#=PUVW&D/"A*:"#2++24872";2+"*4"24"2)*,2,(8"3(4,21"+,2,("248"326"
45,"-2I("J((4")*I*4)"7(1*2J1(",(+,*3546S"
>DAWUW%&/"?(6B"J(1*(I(";53(4R"
#=PUVW&D/"M*+*54+"F753",-(")58+"27("45,"2"I21*8"^5.7421*+,*C"+5.7C(S"
<5"45,"C*,(",-(3"*4"65.7",(73"K2K(7+S"
<$</"9(,Y+"45,";5776"2J5.,"*,B"5N26Z"9(,Y+"1*)-,(4",-("3558";*,-"2"
^5N(R"G-2,"*+">577(+,"@.3KY+";*F*"K2++;578Z"
M$99D["@W=9/"G-2,Z"
<$</"P4(">577(+,"54(R"
#?PW=9/ETq0.24000.2411.3389945 4.021cmBT50005019048.524-267Tm/TT61

<$</"<5(+"*,"-(1K"65."J548";*,-"65.7"+54Z"
ODQ%/"<(F*4*,(16"45,R"
>DAWUW%&/"W"-(278"*,Y+"+(X*+,S"
LD$=9"#9Q&#?D=/"W"-(278"*,Y+".4-516S"
>$U@W=9/"DI(76J586Y+"85*4)"*,"54"&*N&5N",-(+("826+R"
#=PUVW&D/"&-*+"^.+,"*4/"2+,721"K75^(C,*54"*+"2"824)(75.+"4(;",((4"
C72:($"L27(4,+B"*+"*N6B,"C-*18"2+,721"K75^(C,*4)Z"
ODQ%/"W"$A"UP&"?D=D"&P"&$9V"$TPQ&"$%&=$9"
L=P0D#&WPUR"
>$U@W=9/"G-2,"(1+(";5.18"65."-2I(",5",21N"2J5.,Z"
ODQ%/"W"854Y,"N45;"*F"65.YI("45,*C(8B"J.,"#16,(34(+,72"*+"2J5.,",5"
N*11"$)23(3454S"W"4((8",5"C-24)(",-*4)+B"248"F2+,S"$48"W"C24"85",-2,B"
J(C2.+("WY3"2")58S"
"
"TG'(!)D1+=!1+6!+5)!I./.4)7>"*
"
LD$=9"#9Q&#?D=/"G(11B";-2,Y+")5,"-*+"K24,*(+"*4"2";28Z"
"
"#$%&'(!=5,B2=7>!
"
A$<"%#WDU&W%&/"W"N45;"-5;",5"2+,721"K75^(C,S"

!"#$#%*%

"#$%&'(!45.++),=!)D41+)3/N!?QB1)+/NA7!R,6@!6JJ=+.2)!?/6B3/NA-!H)!
5).,U!
*#EF:G;<G(:&9U!92.@)@*6*V!*
9C9;G;<%<U!#/N+)@)=+,.V!M=!+5.+!.!=4,6//!1*!N6B,!I)I/6=!6,!.,)!*
N6B!WB=+!5.IIN!+6!=))!@)V!
*#EF:G;<G(:&9U!<6X!M+S=!.!0*1J)7!Y,)I.,)!+6!31)-!N6B!4/.@@N!*
P.=+.,37!
9C9;G;<%<U!99999$X!
!

()L),./!=12=!=.N1*2!Z[E%%O\!.,)!,B*!.4,6==!+5)!=+.2)7!#$%&'(!*
/660=!BI!1!46*JB=16*7>!*
"
>$U@W=9/"G-2,";2+",-2,Z"
"
"R,6@!6JJ=+.2)-!H)!5).,U!

"

A P QU& $ WU" ? WLL WD/"
W"854Y,"N45 ; B"W",-*4N" 3 . 78(7Y+"J28"
U5")2*4",5"J("-28"
W4"288*4)",5"5 . 7"154)"1*+,"5F"C27(+"
"

= P UV W&D/"
P . 7"1(28(7+-*K"-2+")54(",5",-("85)+"
&-*+"*+"245,-(7"C15)"
W4",-("872*4",-2,"*+"K . J1*C"2FF2*7+R"
G ("4((8"24"24+ ; (7",5"5 . 7"K726(7+"
"

? P = Q%/"
P -" 3 6")58+B"5-" 3 6")58+"65 . ") . 6+"
955N+"1*N("$)2 3 (3 454" 3 *)-,"-2I("8*(8""
WF",-(7("(I(7" ; 2+"2"K(7F(C,"C5 . K1(B",-(6"854Y,"] . 21*F6"
P -" 3 6")58+"65 . ") . 6+R"E P -" 3 6")58+RH"
"

@P& ? /"
$)2 3 (3 454Y+"F2 3 *16"1*4("*+"C . 7+(8"
G (YI("+((4"+5" 3 . C-" ; 57+("
&-24",-*+"+,2JJ6"1*,,1(" 3 27*,21",*FFR"
"

LD$ = 9"# 9Q&# ? D=/"
U5 ; ",-("C . 7+("-2+"N*CN(8"J2CN(8"*4")(27B"
WY 3 "^ . +,"+*CN" ; *,-"F(27"
G -2,"*F"+5 3 (54("K . +-(+"+5 3 (54("5FF"2"C1*FFZ"
&(11" 3 (B" ; -2,"C5 . 18" 3 (48",-*+"7*F,Z"
"

? $ MD=T= P/"
#16,(3 4(+,72" ; *11"+ . 7(16"K26"
? 28(+"C5 . 18",2N("-(7"2 ; 26B"
P7"L5+(*854"+ ; ((K"-(7" . K"*4"2"F1558"
"

M$ 9 9D ["@W=9/"
W",-*4N"W"4((8",5")5"1*("85 ; 4"
W,Y+"+ . C-"2"872)"*4",-*+",5 ; 4"
>57"24654(" ; -5"F2*4,+"2,"J1558R"
Y#2 . +("*,Y+"C5 3 *4)"5 .,"*4"F1558+"
"

? P = Q%/"
P -" 3 6")58+B"5-" 3 6")58+"65 . ") . 6+"
955N+"1*N("$)2 3 (3 454" 3 *)-,"-2I("8*(8""
WF",-(7("(I(7" ; 2+"2"K(7F(C,"C5 . K1(B",-(6"854Y,"] . 21*F6"
P -" 3 6")58+"65 . ") . 6+R"E P -" 3 6")58+RH"
"

P -" 3 6")58+B",-*+"*+"-2KK(4*4)"
P . 7"5 ; 4"K51*+Y+"] . ((4"248"N*4)"
>*42116"-(Y+"2")54(7"*4"2"J2,-, . J"
<*8"65 ."-(27"-*+"C7*(+Z"
#
"9C9 ; G ; <%<!?6JJ=+ . 2)AU!9 . . 5X>!
"

? P = Q%/"
P -" 3 6")58+B"65 . ") . 6+R"
P -" 3 6")58+R"
"

! " # $ # % + %

"#EF : G ; <G(: &9!,B=!6B+!6J!+5)!I . /. 4)7>!*
"

#9 [&DAUD%&= $/">*42116R"WY 3 "F7((R"
AD& $/" A6"] . ((4B" ; -2,"8*8"65 ."85Z"
#9 [&DAUD%&= $/"W"2 3 J . +-(8" 3 6"- . +J248" ; -*1("-(" ; 2+"*4",-("J2,-"
248"+,2JJ(8"-* 3 R"WY 3 "F*42116"F7(("5F",-2,"-577*J1(" 3 24R"

A $ <"%#WDU&W%&/">*42116R"$",7.16" ; *CN(8"8((8R"

!_

!b"

#=PUVW&D/"[5.YI(")5,"2"7(21"45+("F57"4(;+B"32Y23S"[5."(I(7"
,-5.)-,"5F")5*4)"*4,5"^5.7421*+3Z"
#$%%$U<=$/"WF",-2,Y+"2"^5J"5FF(7B"WY11",2N("*,S"#24"W"7(K57,"1*,(72116"
246;-(7("J.,"-(7(Z"
#=PUVW&D/"[5.YI(")5,"65.7+(1F"2"8(21S"
@PP%D&?DU$/"?PUVR"
#9PGU/"\\\-54N\\\"
@PP%D&?DU$/"?PUV"?PUVR"
#9PGU/"\\\-54N"-54N\\\"
@PP%D&?DU$/"?PUV"?PUV"?PUVR"
#9PGU/"\\\-54N"-54N"-54N\\\"
@PP%D&?DU$/"?PUV"?PUV"?PUV"?PUVR"
#=PUVW&D/"?54N"-54N"-54N"-54N"-54NS"G(11B",-2,Y+",-(";26"*,"*+S"
@558"4*)-,B"WY3"G21,(7"?54N*,("+*)4*4)"5FFS"
ODQ%/"G(11B",-2,Y+",-2,"C1(27(8".KS"W",-*4N",-("K126"*+"854(S"
AD&$/"&*3(,5"+-*K"5.,"5F",-(",-(2,(7B"(I(76J586S"
<$</"$4654(";24,",5")5")(,"*C("C7(23Z"
>DAWUW%&/"$4654(";24,",5"87(++"*4";-*,("248"F751*C"275.48"2"
326K51(Z"
$D@W%&?Q%/"G2*,B";2*,B";2*,S"WF",-("K126"*+"5I(7B"85(+",-2,"3(24"
;(Y7("+26*4)"fJ6("J6(g",5",-("2.8*(4C(Z"W+"*,"F*42116",*3(Z"
#9[&DAUD%&=$/"PN26B"-54S"@5"2-(28S"
$D@W%&?Q%/"\\\C(1(J72,*54"45*+(\\\"
"

! " # $ %&U(%G>6%G>6%G>6%

$D@W%&?Q%/"
&-2,";2+",-("(48"5F",-("F*)-,"
G("-28"2"1*,,1("J*,"5F"2"F7*)-,"
W,"211",.74(8"5.,"217*)-,",-5.)-B"J2J6"C53("54"
"
?$MD=T=P/"

&-*+";2+"2",72)(86"
T.,"O(.+"C23("54",-("+C(4("
?("328("2"C53(86B"248";("211"+.7I*I(8

!e"

W,"2*4d,"45"1*("

W,Y+",*3(",5"F*1("5.,",-2,"8557"

T2J6"J6("J6("J6("

"

&-24N"65."211"F57"C53*4"454."8557