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

!

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

-+./0!1/0,2+'!

!

"3456"5!74839:6573 4!!

!

;(+%',!-./012301$4.5 6 78&2$97!

! <=/0,>!:*);<=<;+<"<!

! 322%&,>!)*)!>0((?55!@.55A!B00&!"*"!C1?8$(/?DE!04!F$(&01DA!G7(5?1HD01A!F I!*=+*=!

! ! ! ! ! ! !

;?@"6573 4!

!

! ?/&*/$!/2!<=%'/./A=B!

! !!#$J.(D&$1D!04!K0%?O5OHEA!>?%L?H.1!KD.D$!C1?8$(/?DEA!)**M2!! !

!

! C+&=,'/$!/2!6$*.!

! !!#$J.(D&$1D!04!N08$(1&$1DA!KD2!O.P($1%$!C1?8$(/?DEA!"QQ:2!

!

;:<D3E:;45!

!

<$/2,../$!

C1?8$(/?DE!04!F$(&01DA!#$J.(D&$1D!04!R0&&71?DE!#$8$50J&$1D!.19!S JJ5?$9!!!!

T%010&?%/A!)*)+;J($/$1D2!! !

!

<$/2,../$!

!K.&!@07/D01!KD.D$!C1?8$(/?DEA!#$J.(D&$1D!04!K0%?O5OHEA!)*)";)*)+2!!!

!

! 6../&%+*,!<$/2,../$!!

! !!K.&!@07/D01!KD.D$!C1?8$(/?DEA!#$J.(D&$1D!04!K0%?O5OHEA!)*"=;)*)"2!!!

!

6..%.*+0*!<$/2,../$!

! !!K.&!@07/D01!KD.D$!C1?8$(/?DEA!#$J.(D&$1D!04!K0%?O5OHEA!)**Q;)*"=2!!!

!

6FG#0&*!6..%.*+0*!<$/2,../$!

CD.L!KD.D$!C1?8$(/?DEA!#$J.(D&$1D!04!K0%?O5OHEA!K0%?.5!U0(3!V!S1DL(0J05OHEA!-.17.(E!!!!!!!!

)**M;-71$!)**Q2!

!

6?:747H5 9 6 57);!6<<3745:;45H!!

!

"=+%$!

!!!!!!!!!!!!C1?8$(/?DE!04!F$(&01DA!#$J.(D&$1D!04!R0&&71?DE!#$8$50J&$1D!.19!S JJ5?$9!!!!!

!T%010&?%/A!)*)+;J($/$1D2!

!

"=+%$!

!!K.&!@07/D01!KD.D$!C1?8$(/?DEA!#$J.(D&$1D!04!K0%?O5OHEA!)*":;)*)+!!

! "|

?%$,&*/$!/2!I$+F#+*,!H*#F%,.!

!K.&!@07/D01!KD.D$!C1?8$(/?DEA!#$J.(D&$1D!04!K0%?050HEA!S7H7/D!)*"=;S7H7/D!)*":2!!!

! !

9;H;69"J!64?!5;6"J74I!745;9;H5H!!

!

W009!.19!SH(?%75D7($X!T18?(01&$1DX!K0%?.5!IL$0(EX!K0%?.5!>08$&$1D/X!Y05?D?%.5!

T%010&EX!.19!Z7.5?D.D?8$!>$DL09/!

!

I9645H!

!

R0;

!

T5?a.'$DL!B.1/0&A!>.3?!@.D.1.3.A!-./01!b01$4.5A!S55?/01!O0%01DO2!)*"M2!\K%?$1%$!.19!
KD.19.(9/2]! #.8?9!IE4?$59A!
B$'$%%.!O.8$A!K.&7$5!B.19.55/A!.19!RL.(5$/!IL0(J$!c$9/d2!^$P!e0(3,!B07D5$9H$2!))Q;
)+*2!!
!
@.D.1.3.A!>.3?!.19!-./01!b01$4.52!)*"M2!\O$H?D?&.D?01!.19!#$;5$H?D?&.D?01!?1!^01;
KD.D$!N08$(1.1%$,!OT f;+***!.19!K7/D.?1.'5$!SH(?%75D7($!?1!DL$!C1?D$9!KD.D$/2]!
A!$9?D$9!'E!>.(.!>?5A!
F.7HL1!@?HH?1/A!@?59$!Gj0(3L.7HA!.19!>01?%.!I(71?1H$(2!^$P!e0(3,!T&$(.592!"`=;"=`2!!!!!

b01$4.5A!-./01A!>.3?!@.D.1.3.A!.19!#07H5./!R01/D.1%$2!)*"+2!\Y.D%LP0(3/!04!
K7/D.?1.'5$!SH(?%75D7($!KD.19.(9/!.19!>$D(?%/!?1!DL$!C1?D$9!KD.D$/2]!
A!$9?D$9!'E!#07H5./!@2!R01/D.1%$A!
>.(?$;RL(?/D?1$!B$1.(9A!.19!>.(D.!N2!B?8$(.;W$(($2!^$P!e0(3,!T&$(.592!)=M;):*2!!!!!!!!!!

!

b01$4.5A!-./01!.19!O.P($1%$!G7/%L2!)*"+2!\KD.19.(9?/.D?01!.19!9?44$($1%?.D?01,!5$/!
'?OD$%L1050H?$/!$D!5.!J($/$(8.D?01!9$!5i?9$1D?D?$!J0(!5$!&.?/!$D!5$!/0j. !
A!$9?D$9!'E!S1D01?$!G$(1.(9!9!
B.E&019!.19!W(9(?%!N075$D2!F$(/.?55$/A!W(.1%$,!Z7.$2!!
!
b01$4.5A!-./01!.19!>.3?!@.D.1.3.2!)*"+2!\Y(097%?1H!.19!R01/7&?1H!W009,!-7/D?%$!.19!

!

3*=,$!<#M'%&+*%/0.!!

!

b01$4.5A!-./012!)*"=2!\>75D?1.D?01.5!R01H50&$(.D$/2]!

A!$9?D$9!'E!b$1!S5'.5.2!IL07/.19!f.3/A!KSNT2!!!!!

!

b01$4.5A!-./01!.19!>.3?!@.D.1.3.2!)*"*2!\S1![1D$(8?$P!P?DL!#(2!O.P($1%$!G7/%L!04!DL$!

SH(?%75D7($2]!mmF[[[!T7(0J$.1!K0%?$DE!40(!B7(.5!K0%?050HE!S117.5!>$$D?1HA!
I(019L$?&A!^0(P.E2!!
!
@.D.1.3.A!>.3?A!-./01!b01$4.5A!-0L.11!KD(7'$A!O$5.19!N5$11.A!.19!#.8?9!R011$(!)*"Q2!
\N08$(1?1H!K7/D.?1.'?5?DE!IL(07HL!Y$(40(&.1%$!>$D(?%/2]!SH(?%75D7($A!W009!.19!@7&.1!
F.57$/!K0%?$DE!S117.5!>$$D?1HA!S1%L0(.H$A!Sb2!!
!
b01$4.5A!-./012!>.3?!@.D.1.3.A!-0L.11!KD(7'$A!O$5.19!N5$11.A!.19!#.8?9!R011$(2!
)*"Q2!\[&J5$&$1D?1H!K7/D.?1.'?5?DE!?1!G?H!W009,!>$D(?%/A!S//$&'5.H$/A!.19!
K7/D.?1.'?5?DE!?1!CK!SH(?%75D7($2]!SH(?%75D7($A!W009!.19!@7&.1!F.57$/!K0%?$DE!S117.5!
>$$D?1HA!S1%L0(.H$A!Sb2!!
!
b01$4.5A!-./01A!>.3?!@.D.1.3.A!-0L.11!KD(7'$A!O$5.19!N5$11.A!.19!#.8?9!R011$(!)*"Q2!
\Y(?8.D$!N08$(1.1%$!.19!K7/D.?1.'?5?DE!I(.1/?D?01/,!K7/D.?1.'?5?DE!S//$&'5.H$/!?1!CK!
SH(?%75D7($2]!S&$(?%.1!K0%?050H?%.5!S//0%?.D?01!S117.5!>$$D?1HA!^eRA!^e2!
!
@.D.1.3.A!>.3?A!-0L.11!KD(7'$A!-./01!b01$4.5A!.19!O$5.19!N5$11.2!)*"Q2!\R.5%75.D?1H!
K7/D.?1.'?5?DE,!>$D(?%/A!R.5%75.D0(/A!.19!N08$(1.1%$!?1!SH(?4009 2]!B7(.5!K0%?050HE!
K0%?$DE!S117.5!>$$D?1HA!B?%L&019!FS2!!
!
b01$4.5A!-./01A!>.3?!@.D.1.3.A!O$5.19!N5$11.A!.19!-0L.11!KD(7'$2!)*":2!
\f(H.1?a.D?01.5!S//$//&$1D!04!K7/D.?1.'5$!SH(?%75D7($!>75D?;KD.3$L059$(![1?D?.D?8$/!?1!

!

b01$4.5A!-./01!.19!>.3?!@.D.1.3.2!)*"<2!\S!^$DP0(3!S1.5E/?/!04!K7/D.?1.'?5?DE!

b01$4.5A!-./01!.19!>.3?!@.D.1.3.2!)*""2!\T1.%D?1H!IL?(9;J.(DE!R$(D?4?%.D?01,!
Tg.&?1?1H!T1(055&$1DA!I(.1/5.D?01A!.19!Y$(40(&.D?8?DE!?1!f(H.1?%!KL(?&J!W.(&?1H2]!
Y.J$(!J($/$1D$9!.D!DL$!-0?1D!S117.5!>$$D?1H/!04!SH(?%75D7($A!W009A!.19!@7&.1!F.57$/!
K0%?$DEA!S//0%?.D?01!40(!DL$!KD79E!04!W009!.19!K0%?$DEA!.19!K0%?$DE!40(!S1DL(0J050HE!04!
W009!.19!^7D(?D?01A!>?//075.A!>I2!!!

!

R01/D.1%$A!#07H5./!@2A!-./01!b01$4.5A!.19!>.3?!@.D.1.3.2!)*""2!hN08$(1.1%$!.19!
K7/D.?1.'5$!SH(?%75D7($,!IL$!R./$!04!DL$!O$01.(90!S%.9$&E![1?D?.D?8$2h!Y.J$(!J($/$1D$9!
.D!DL$!S117.5!>$$D?1H!04!DL$!K07DL$(1!B7(.5!K0%?050H?%.5!S//0%?.D?01A!R0(J7/!RL(?/D?A!
Im2!!!

!

b01$4.5A!-./01!)*"*2!\O$H?D?&.D?1H!^$05?'$(.5?/&,!S!R./$!KD79E!04!DL$!C/$!04!>.(3$D;
'./$9!SJJ(0.%L$/!'E!DL$!>.(?1$!R01/$(8.D?01!>08$&$1D2]!Y.J$(!J($/$1D$9!.D!DL$!
S117.5!>$$D?1H!04!DL$!B7(.5!K0%?050H?%.5!K0%?$DEA!SD5.1D.A!NS2!

!

b01$4.5A!-./01A!>.3?!@.D.1.3.A!.19!#07H5./!@2!R01/D.1%$2!)*"*2!\N08$(1.1%$!.19!
K7/D.?1.'5$!SH(?%75D7($!KD.19.(9/!?1!DL$!C1?D$9!KD.D$/2]!Y.J$(!J($/$1D$9!.D!DL$!S117.5!
>$$D?1H!04!DL$!B7(.5!K0%?050H?%.5!K0%?$DEA!SD5.1D.A!NS2!!!!

!

!

b01$4.5A!-./012!)**:2!\RL.1H?1H!DL$!>.(3$D!0(!C/?1H!DL$!>.(3$D!D0!RL.1H$!Y05?%E,!IL$!!
K7/D.?1.'5$!K$.4009!>08$&$1D2]!Y.J$(!J($/$1D$9!.D!DL$!S117.5!>$$D?1H!04!DL$!B7(.5!
K0%?050H?%.5!K0%?$DEA!>.1%L$/D$(A!^@2!

!

b01$4.5A!-./012!)**M2!\C1($/J01/?8$!N08$(1&$1D/!.19!K0%?.5!RL.1H$,!B$40(&?1H!
K.5&01!W.(&?1H!?1!G(?D?/L!R057&'?.2]!Y.J$(!J($/$1D$9!.D!DL$!SH(?%75D7($A!W009A!.19!
@7&.1!F.57$/!K0%?$DE!.19!DL$!S//0%?.D?01!40(!DL$!KD79E!04!W009!.19!K0%?$DE!-0?1D!
S117.5!>$$D?1H/A!F?%D0(?.A!GR2!!!

!

b01$4.5A!-./01!.19!O.P($1%$!G7/%L2!)**<2!\Y(097%?1H!^01;H1D?%.55E!>09?4?$9!R0(1!!
.19!K0E,![D!?/!.55!S'07D!K7JJ5E!RL.?1!>.1.H$&$1D2]!Y.J$(!J($/$1D$9!.D!DL$!B7(.5!
K0%?050H?%.5!K0%?$DE!>$$D?1HA!O07?/8?55$A!bI2!!!!

!

b01$4.5A!-./012!)**<2!\Y(0D$%D?1H!DL$!f%$.1/!.19!>.(?1$!O?4$!8?.!DL$!>.(3$D!.19!
R01/7&JD?01,!IL$!K7/D.?1.'5$!K$.4009!>08$&$1D2]!Y.J$(!J($/$1D$9!.D!DL$!BR!)+!
K7/D.?1.'5$!R01/7&JD?01!.19!K0%?$DE!R014$($1%$A!C1?8$(/?DE!04!U?/%01/?1;>.9?/01A!
>.9?/01A!U[2!!!

!

b01$4.5A!-./012!)**=2!\RL.1H?1H!Y05?D?%.5!T%010&?%!fJJ0(D71?DE!KD(7%D7($/,!
T18?(01&$1D.5!>08$&$1D/!?1!DL$!N50'.5!SH(?4009!KE/D$&2]!Y.J$(!J($/$1D$9!.D!DL$!
S&$(?%.1!K0%?050H?%.5!S//0%?.D?01!S117.5!>$$D?1HA!YL?5.9$5JL?.A!YS2!!!

!

b01$4.5A!-./012!)**=2!\G(?1H?1H!I0HDL(!N50'.5!R0&&09?DE!RL.?1!S1.5E/?/!.19!K0%?.5!!
>08$&$1D!IL$0(E,!RL.1H?1H!Y05?D?%.5!.19!T%010&?%!fJJ0(D71?D?$/!?1!DL$!N50'.5!
SH(?4009!KE/D$&2]!Y.J$(!J($/$1D$9!.D!DL$!B7(.5!K0%?050H?%.5!K0%?$DE!S117.5!>$$D?1HA!
I.&J.A!WO2!

!

B79EA!S5.1!.19!-./01!b01$4.52!)**+2!\I$.%L?1H!T18?(01&$1D.5!-7/D?%$2]!Y.J$(!J($/$1D$9!
.D!DL$!S&$(?%.1!K0%?050H?%.5!S//0%?.D?01!S117.5!>$$D?1HA!K.1!W(.1%?/%0A!RS2!!

!

b01$4.5A!-./01!.19!>?%L.$5!>./%.($1L./2!)**`2!\K.4$(!W009A!GDD(!@$.5DLA!.19!R5$.1$(!!
T18?(01&$1D/,!TgD$19?1H!DL$!I($.9&?55!04!Y(097%D?01!D0!SH(0;4009!^$DP0(3/2]!Y.J$(!
J($/$1D$9!.D!DL$!KE&J0/?7&!01!T18?(01&$1D!.19!DL$!I($.9&?55!04!Y(097%D?01A!C1?8$(/?DE!
04!U?/%01/?1A!>.9?/012!!

!

b01$4.5A!-./01!.19!>?%L.$5!>./%.($1L./2!)**`2!\G.%35?HLD?1H!DL$!B05$!04!K7J$(&.(3$D/!
?1!DL$!B$/D(7%D7(?1H!04!SH(0;W009!^$DP0(3/2]!Y.J$(!J($/$1D$9!.D!DL$!SH(?%75D7($A!W009A!
.19!@7&.1!F.57$/!K0%?$DE!.19!DL$!S//0%?.D?01!40(!DL$!KD79E!04!W009!.19!K0%?$DE!-0?1D!
S117.5!>$$D?1H/A!S7/D?1A!Im2!!

!

>./%.($1L./A!>?%L.$5A!-./01!b01$4.5A!.19!S5.1!B79E2!)**)2!\IL$!K$.(%L!40(!.!
K0%?050HE!04!@E'(?9/,!S!>.D$(?.5;K$&?0D?%!SJJ(0.%L!D]TJETQ074 6 Tm/TT21Tf(!)TjETQq0.L!D]TJETQ%

!

""

```
>./%.($1L./A!>?%L.$5A!-./01!b01$4.5A!.19!S5.1!B79E2!)**)2!\SH$1D?.5!B$.5?/&!.19!DL$!!
>.D$(?.5;K$&?0D?%!04!U.D$(!Z7.5?DE!R01D.&?1.D?01,!IL$!K$.(%L!40(!.!K0%?050HE!04!
@E'(?9/2]!Y.J$(!J($/$1D$9!.D!DL$!S&$(?%.1!K0%?050H?%.5!S//0%?.D?01!S117.5!>$$D?1HA!
RL?%.H0A![O2!!!
!
b01$4.5A!-./01!.19!#.8?9!B.19$5/2!)**"2!\K.4$!K%?$1%$,!KL.J?1H!DL$!Y(.%D?%$!04!K%?$1%$!
?1!DL$!O.'0(.D0(E!DL(07HL!f%%7J.D?01.5!@$.5DL!.19!K.4$DE2]!Y.J$(!J($/$1D$9!.D!DL$!
K0%?$DE!40(!DL$!K0%?.5!KD79?$/!04!K%?$1%$!S117.5!>$$D?1HA!R.&'(?9H$A!>SA!^08$&'$(!+2!!!!
!
b01$4.5A!-./012!)**"2!\YRG/!?1!DL$!@79/01,!IL$!Y05?D?%/!04!^.D7($2]!Y.J$(!J($/$1D$9!.D!
DL$!B7(.5!K0%?050H?%.5!K0%?$DE!S117.5!>$$D?1HA!S5'7q7$(q7$A!^>2!!
!
H"J3D69DE!6"57)757;H!!!
!
)%.%*%0N!9,.,+$&=,$!
T18?(01&$1D.5!Y05?%E!N(07JA!U.H$1?1H$1!C1?8$(/?DE!.19!B$/$.(%LA!-.17.(E!)*":;>.E!!!
)*":2!!!
!
<938;H.2(1D)0E;0.2(1HA!)]JETQq.24000.24000.2Q94000..92BT500BT50005082 0.7275-309TmT4
```

T97%.D?012!@.(8.(9![1/D?D7D$/!40(!@?HL$(!T97%.D?01A!S7H7/D!<A!)*)*A!F?(D7.52!!

O$.9?1H!40(!Tq7?D.'5$!KD79$1D!K7%%$//!#7(?1H!C1%$(D.?1DE!U0(3/L0J2!@.(8.(9![1/D?D7D$/!!
40(!@?HL$(!T97%.D?01A!-75E!QA!)*)*A!F?(D7.52!!

W0(7&!40(!#$J.(D&$1D!RL.?(/2!S&$(?%.1!K0%?050H?%.5!S//0%?.D?01A!>.E!<A!)*)*2!F?(D7.52!!

R?8?%!Y(0&JD/!?1!DL$!>.j0(!s00&!W0(7&,!>08?1H!SL$.9!UL$1!R.&J7/$/!.($!R50/$9A!!
S//0%?.D?01!04!S&$(?%.1!R055$H$/!.19!C1?8$(/?D?$/A!SJ(?5!):A!)*)*A!F?(D7.52!!

[1/D?D7D$!01!R?8?%!Y(0&JD/!?1!DL$!>.j0(,!#$/?H1/!?1!K0%?.5!B$/J01/?''?5?DE!.19!DL$!Y7'5?%!
N0092!S//0%?.D?01!04!S&$(?%.1!R055$H$/!.19!C1?8$(/?D?$/A!^08$&'$(!"=A!)*"QA!OOE05.!
C1?8$(/?DE!RL?%.H0A!RL?%.H02!!

!

#$J.(D&$1D!O$.9$(/!U0(3/L0J2!S&$(?%.1!K0%?050H?%.5!S//0%?.D?01A!S7H7/D!QA!)*"QA!!
^$P!e0(3!R?DE2!!!

!

>./D$(!>$1D0(!U0(3/L0J2!K.&!@07/D01!KD.D$!C1?8$(/?DEA!W$'(7.(E;>.E!)*"Q2!!
SDD(.%D?1H!KD79$1D/!D0!DL$!K0%?050HE!>.j0(2!S&$(?%.1!K0%?050H?%.5!S//0%?.D?01!U$'?1.(A!
^08$&'$(!"+A!)*":2!!

!

R0145?%D!B$/057D?01!I$%L1?q7$/2!K.&!@07/D01!KD.D$!C1?8$(/?DEA!f%D0'$(!"<A!)*":2!!

!

O$.9$(/L?J!#$8$50J&$1D!U0(3/L0J!40(!#$J.(D&$1D!RL.?(/l@$.9/2!R071%?5!04!R055H/!
04!S(D/!.19!K%?$1%$/2!K.1!#?$H0A!K$JD$&'$(!`*;f%D0'$(!)A!)*":2!

!

O$.9$(/L?J![1/D?D7D$!U0(3/L0J,!IL$!W?(/D!Q*!#.E/A!K$//?01!)A!K.&!@07/D01!KD.D$!
C1?8$(/?DEA!K$JD$&'$(!)MA!)*":!

!

O$.9$(/L?J![1/D?D7D$!U0(3/L0J,!IL$!W?(/D!Q*!#.E/A!K$//?01!"A!K.&!@07/D01!KD.D$!
C1?8$(/?DEA!S7H7/D!):A!)*":!

!

W.%75DE!R$(D?4?%.D?01!40(!f15?1$![1/D(7%D?012!K.&!@07/D01!KD.D$!C1?8$(/?DE2!S7H7/D!<;QA!
)*":2!!

!

\G$E019!DL$!U.55/,!S!U0(3/L0J!?1!Y(04$//?01.5!R0&&71?%.D?012]!K.&!@07/D01!KD.D$!
C1?8$(/?DEA!S7H7/D!""A!)*"M2!!!

!

\I$.%L?1H!Y0(D405?0!U0(3/L0J2]!B7(.5!K0%?050H?%.5!K0%?$DE!S117.5!>$$D?1HA!!!
I.&J.A!WOA!S7H7/D!QA!)**=2!!!

!

\R00J$(.D?8$!O$.(1?1H!G./?%/!U0(3/L0J2]!K7&&$(![1/D?D7D$!?1!R00J$(.D?8$!!
.19!S%D?8$!O$.(1?1HA!>?%L?H.1!KD.D$!C1?8$(/?DEA!S7H7/D!"";"`A!)**`2!!!

!

!

!

!

"`

5 ; 6 " J74 I !!

!

@0F,N+F#+*,!" /#$.,.!

- t [1D(097%D?01!D0!TDL1?%!KD79?$/!!
- t [1D(097%D0(E!K0%?O50HE!!
- t K0%?.5! I L$0(E!!
- t T%010&E!.19!K0%?$DE!
- t T18?(01&$1D!.19!K0%?$DE!!
- t K0%?.5!>08$&$1D/!!
- t e07DL!.19!K0%?$DE!
- !

I $+F#+*,!" /#$.,.!

- t K0%?O50H?%.5! I L$0(E!
- t K0%?.5!RL.1H$!.19!#$8$50J&$1D!!
- t Y(0/$&?1.(!?1!K0%?O50HE!

!

9,'+*,F!5,+&=%0N!6&*%P%*%,.!!!

!

S98?/0(2!@010(/!R01D(.%D2!\ I L$! I L$0($D?%.5! S J J(0.%L!04!ONG I Z r!>0'?5?DE!?1!DL$!

#?($%D0(2!C19$(H(.97.D$!I$.%L?1H!W$550P!Y(0H(.&2!!#$J.(D&$1D!04!K0%?050HEA!CD.L!
KD.D$!C1?8$(/?DE!S7H7/D!)**:!D0!-71$!)**Q2!

!

S98?/0(2!@010(/!KD79E!?1!K0%?.5!IL$0(E2!!#$J.(D&$1D!04!K0%?050HEA!CD.L!KD.D$!
C1?8$(/?DEA!W.55!)**:2!

!

I 9 6 ? @ 6 5 ; !H5@ ? ; 4 5 !5 9 67474 I !

!

! **: +.*,$Q.!" / ((%**,,!:,(M,$!RST!**

! !!K.&!@07/D01!KD.D$!C1?8$(/?DEA!#$J.(D&$1D!04!K0%?050HE2!!

!

B$8?$P$(!40(! c)*))d!
B$8?$P$(!40(! c)*"Qd!
B$8?$P$(!40(! c)*"=d!
B$8?$P$(!40(! !c)*""d2!
B$8?$P$(!40(! c)*"=d!!
B$8?$P$(!40(! !c)*":d!
B$8?$P$(!40(! c)*)"d!
B$8?$P$(!40(! !c)*"`d !
B$8?$P$(!40(! c)*"`A!)*"+d!
B$8?$P$(!40(! !c)*"`A!)*"=d!
B$8?$P$(!40(!DL$! !c)*)`d!
B$8?$P$(!40(!DL$! c)*"*A!)*""d!
B$8?$P$(!40(!DL$! !c)*""A!)*")A!)*"=A!)*"<A!)*"MA!)*":A!
)*)+d!
B$8?$P$(!40(! !c)*""A!)*")A!)*"`A!)*"+A!)*":d!
B$8?$P$(!40(! !c)*)*A!)*))d!
B$8?$P$(!40(! !c)*"`A!)*"=A!)*"<A!)*)`d!
B$8?$P$(!40(! !c)*))d!
B$8?$P$(!40(! !c)*)"d!
B$8?$P$(!40(!K7/D.?1.'?5?DE,!K%?$1%$A!Y(.%D?%$A!V!Y05?%E!c)*"<d!
B$8?$P$(!40(! !c)*))d!
B$8?$P$(!40(! f g40(9!C1?8$(/?DE!Y($//!c)**:A!)*"*A!)*))d!
B$8?$P$(!40(!B07D5$9H$lT.(DL/%.1!Y($//!c)*"`A!)*"=d!
N(.1D!B$8?$P$(!40(!K%?$1%$!.19!K0%?$DE!Y(0H(.&A!^.D?01.5!K%?$1%$!W0719.D?012!

!

@47);9H75E!H;9)7";!

!

>$&'$(A!W.%75DE!U0(350.9!Y05?%E!S5?H1&$1D!U0(3H(07JA!K.&!@07/D01!KD.D$!
C1?8$(/?DEA!)*)+;)*)+!

!

>$&'$(A!O$.9$(/L?J!Y?J$5?1$!R0&&?DD$$A!K.&!@07/D01!KD.D$!C1?8$(/?DEA!)*)";

!

"M

!

S98?/0(A!S5JL.!b.JJ.!#$5D.A!#$J.(D&$1D!04!K0%?050HEA!K.&!@07/D01!KD.D$!!
C1?8$(/?DEA!)*");)*"+2!

!

8;DD3 OHJ7<H!

!

R055H!04!K0%?.5!K%?$1%$!#?//$(D.D?01!R0&J5$D?01!W$550P/L?J2!W.55!)**<2!>?%L?H.1!KD.D$!!
C1?8$(/?DE2!SP.(9!.&071D!_<A***2!!!

!

6O69?H!

!

#$J.(D&$1D.5!f7D/D.19?1H!R5.//(00&!I$.%L$(A!)*"";)*")2!#$J.(D&$1D!04!K0%?050HEA!
K.&!@07/D01!KD.D$!C1?8$(/?DE2!!
!
R0;P?11$(!04!DL$!B?D.!K2!N.55?1!SP.(9!40(!DL$!G$/D!N(.97.D$!KD79$1D!Y.J$(!?1!U0&$1!
.19![1D$(1.D?01.5!#$8$50J&$1DA!>?%L?H.1!KD.D$!C1?8$(/?DE!U0&$1!V![1D$(1.D?01.5!
#$8$50J&$1D!Y(0H(.&A!-.17.(E!)+A!)**)2!Y.J$(,!\IL$![18?/?''?5?DE!04!KJ.%$!?1!
#$8$50J&$1D,!B$;[1/%(?''?1H!KJ.%$!DL(07HL!.!W$&?1?/D!Y05?D?%/!04!Y5.%$2!
!
^.D7(.5!B$/07(%$/!B$/$.(%L!N(07J!N(.97.D$!KD79$1D!SP.(9A!B7(.5!K0%?050H?%.5!K0%?$DEA!!
RL?%.H0A![OA!S7H7/D!"+;":A!)**)2!Y.J$(,!\K0%?$D?$/A!^.D7($/!.19!K%?$1%$!?1!
T18?(01&$1D.5!Y(0'5$&/,!S!R./$!KD79E!04!DL$!@79/01!B?8$(!YRG!R0145?%D2]!!!!

!