

#  
#

#

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="!"# >@[\* Q# \$%) 0E%D#F'. G%-12#H+(I E#J E% -+1%K#  
!:: 6# 3C4C2#\$%) 0E%D#F'. G%-12#H+(I E#J E% -+1%K  
!:: L# HC4C2#1. ??0#D. ?#&O. G-2#M(&NK#M(&&-/-  
!:: =;!:: <# J E% -+1%GOG#G-#F0&O?0ED02#F0&O?0ED02#F) 0%E  
!:: "# J E% -+1%GOG#M(?)&. '-E1-2#3OG+%G2#F) 0%E

---

40' -+1-+, %E/#01# @-#>+(, (1'#0EG#P%D-#>+-1%G-E'#0(+4DOG-?%D#4000%1#0+(?#'"=="='=L2#0#1 01#)+(?'(-G#  
'(#>+(, (1'#0EG#RS-D. '% -#P%D-#>+-1%G-E'#%E#T. &K#(0#="'=LC#

! "\$%&'(&) #%' +%, /01&

F-+, -#01#D@%-0#OG?%E%'+0'% -#(00%D-+%E#@-#0N1-ED-#(0# '@-#>+-1%G-E'C  
F-+, -#01# '@-#. E% -+1%KU1#D@%-0#ODOG-?%D#(00%D-+%0EG#0#? -?N-+#(0# '@-#>+-1%G-E'U1#DON%E-'C  
RE1. +-# '@-#V. 0&#K#(0#0&#G-)0+'? -E'12#)+( /+0?12#0EG#1-+, %D-1#1 %@%E#@-#4DOG-?%D#4000%1#. E%2  
%ED&. G%E/# '@-#N%N+0+K2# '@-#X-/%'+0+2#QE1'% . '%(E0#X-1-0+D@2#M0+---#F-+, %D-1#0EG#4G, %E/2  
4DOG-?%D#M(0D@%E/#0EG#Y. '(+%E/2#R0+&K#M(&&-/-2# '@-#Z00%D-#(0#QE' -+E0' %(E0#RG. DO' %(E2# '@-  
M(??(E1 -0& '@#\$ (E(+1#>+( /+0?2# '@-#FD@((#(0# [ +OG. 0'-#ZE&E-#0EG#M(E' %E. %E/#RG. DO' %(E2  
'@-#M-E' -+0(+Y-0D@%E/#0EG#W-0+E%E/2# '@-#M-E' -+0(+#\OD. &'K#FD@(&+1@%)2#0EG#@-#M+(D] -+  
M-E'-+C  
[ . %G-#0&#?0'' -+1#+-&0'-G#'(D. ++%D. &. ?#0EG#%E1+. D' %(EC  
>+(, %G-#1'+0' -/%D#&-OG-+1@%)#OD+(11#0#, 0+% 'K#(0#0+-012#%ED&. G%E/#&-0+E%E/#(.'D(?-1#011-11?-E'2  
1'. G-E'#1. DD-11#%E%#D'% -12#/-E-+0&#-G. DO' %(E2#+-ODD+-G%0' %(E2#OOD. &'K#@%#E/#0EG#G-, -&())? -E'2  
0EG#D(;D. ++%D. &O+#)+( /+0? ?%E/C  
>+(, %G-#-D(??-EGO' %(E1# ('@-#>+-1%G-E' # (E#0&#0DOG-?%D#0)) (%E' ?-E'12#-E. +-#0EG#)+(?' (%(E  
?0'' -+1# @%#-#-E1. +%E/# '@0'#1. D@#)+(D-11-1#D(?)&K#1 %@#@-#'-+?1#(0# '@-#OOD. &'K#NO+/0%E%E/  
0/+--?-E'C  
M. &'% 0' -#0E#-E, % (E? -E'#%E#1 @%D#0OD. &'K#+-1-0+D@#0EG#D+-0'% %K#0&(. +%@C  
[ . %G-#G% -+1%K2#-V. %K2#0EG#%ED&. 1%(E#-00(+1#0(+0OD. &'K2#1'. G-E'12#0EG#1'000#1 %@%E#@-#G% %E#(E#(0  
4DOG-?%D#4000%1C  
RS)0EG#-S)-+E' %D&#-0+E%E/#( )) (+'. E%-1#0(+1'. G-E'1# '@+(. /@#+(N. 1#)0+'E-+1@%)1#1 %@  
%EG. 1'+K2#0. EG+0%#E/2#0EG#++0E'#1 +%E/C

\* -, -&()#ODOG-?%D#N. G/- '1#E#D(&&ON(+0%(E#I %@#('@-+#ODOG-?%D#(00%D-+1#OEG#)+(, %G-#  
1'-I 0+G1@%)#(, -+#O&&#. E%#N. G/- '1#+-) (+%E/# (#4DOG-?%D#4000%1G#

2\$3'!"! 44'5\*.,%65#+/%!&

&

X-D-% -G#H(0+G#(0#\$%/@-+#RG. DO'(E#0))+(, 0&#0(+#301'-+U1#E#M(E1'+. D'(E#30E0/-?-E'#OEG#  
HODDO&0. +-0'-#G-/+--1#E#M+-0'% -#4+'1#RE'-+)%!-#OEG#M+-0'% -#4+'1#Y@-+0)%-1G#  
Z, -+10I #'@-#G-, -&()?-E'#OEG#/(, -+EOED-#0))+(, 0&#(0#OE#E'-+G%#D%)&#E0+K#\* 0'0#4EO&K'#D1#3%E(+  
OEG#0#E-I #D(ED-E'+0%(E#E#QE0(+?0%(E#FK1'-?1#30E0/-?-E'G##  
WO. ED@-G#E-I #\*%/%O&#3-G%D#QEE(, 0%(E#)+( /+0?G#  
\%EO&&-G#E. ?-+(. 1#0+'%D. &O'(E#0/+--?-E'1#(#00D%&#0'-#'#-#1-0?&-11#'+OE10-+#(0#1'. G-E'1#(#  
\%D@N. +/#F'0'-2#%ED&. G#E/#X@-%E;\_00&#JE% -+1%K#(0#4))&#G#FD%-ED-1#7RD(E(?%D1`OE'--+EO%(EO&#  
H. 1%E-119#\$. 11(E#JE% -+1%K#7\*+G#(0#>@K1%D0&#Y@-+0)K9a#30110D@. 1-'1#M(&&-/#(0#>@0+?ODK#b#  
\$-0&'@#F-+, %D-1#7\*+G#(0#>@K1%D0&#Y@-+0)K9a#H+%!'(&#M(???. E%K#M(&&-/#7[ 0? -#\* -1%/E9a#\$ (&K[]-#  
M(???. E%K#M(&&-/#7MT` >(&#D-#>+( /+0?9a#WKEE#P(DO%(EO&#Y-D@E%D0&#QE1'% . '-#7XOG%(#OEG#YP#  
H+(OGD01'%E/9G##  
Z, -+10I #'@-#-S)0E1%(E#(0#R0+&K#M(&&-/#G-1%/EO%(E1#(#%ED&. G-#4'@(&#FD@((&#\*%'+'%D'G#  
QED+-01-G#'#-#E. ?N-+#(0#00D. &'K#)0+'%D%)0'%E/#%E#OEG#D(E, -+'%E/#'@-%#D(. +1-#?0'--+%D&1#'(Z)-E#  
RG. DO'(E#X-1(. +D-1#OEG#Z)-E#>-GO/(/KG#  
QE%'D'-G#D0?). 1#G%D&(/. -#ON(. '#/-E-+0'% -#40#OEG#M@0'#[ >Y#'+(./@#'#-#M-E'-+0(+Y-OD@%E/#  
OEG#W-0+E#E/U1#F. ??-+#QE1'% . '-#OEG#\* -, -&()?-E'#\* OK#7TOE. 0+K#="=L9G#

!





F'0+'-+#4DOG-?K2#d!c53#H+%G/-1#'(M(&-/-2#d==3#YX4Qf2#OEG#d<c53#30110D@.1-'1#QED&.1% -#  
M(ED.+-E'#RE+(&&?-E'#QE%'D'% -C##  
Z, -+101 #'@-#\* .0#OEG#M(ED.+-E'#RE+(&&?-E'#4G, %d (+K#[ +(.)#)+(D-11#OEG#0#E0&#+-) (+'C##  
Z+/OE%-G#D(&&ON(+0'% -#-00(+1#1 %@# '@-#\* -)0+'?-E'#(0#R&-?-E'0+K#OEG#F-D(EG0+K#RG. DO'(E#' (#  
-1'ON&&@#D+% -+%0#0(+0E#R0+&K#M(&&-/-#\$/@#FD@((&G-1%/E0'(E#E# '@-#M(??(EI -0&#@#(0#  
30110D@.1-'1#OEG#&O. ED@-G#'@-#0%1'+(. EG#(0#R0+&K#M(&&-/-#\* -1%/E0'(E1C##  
[ .%G-G#'@-#I (+)#(0#'@-##j 4G#\$ (D#M(???'--#(E#> (&D-#RG. DO'(E#OEG#Y+0#E#E/#OEG#'@-#> (&D-#  
M0+--+#OED-E'% -#>0K#>+(/+0?#7>MQ>>9k#OEG#'@-#j \_\_ (+)E/#[ +(.)#0(+X-, %I # (0#'@-#H(0+G#(0#  
\$/@-#RG. DO'(EU1#@<.:#.,+##@('&A",5,+\$.&B<%/4#&\$+:&C\$8&=+('"4#5#+/! 4\$:#5,4&D";"\$5%k#1 @#D@#&-G#  
'(#@-#H(0+G#(0#\$/@-#RG. DO'(EU1#-EG(+1-?-E'#(0#0#?'%E%?. ?#-G. DO'(E0&#+-V. %-?-E'#(0#OE#  
011(D%'-U1#G-/+-#0(+)) (&D-#(00D-+1#OEG#'@-#+-, %d(E#(0#'@-#>MQ>>#[ .%G-&E-1#'(0&&(I #0(+)'@-#  
ODD-)'OED-#(0#D+-G%1#0(+))+(+&-0+E#E/C##

#

#

\*. +#E/#0DOG-?#D#K-0+#="!<:="!L2#0#@-&G#'I (#OG?'%E'1'+0'% -#) (1%%(E1q#411(D%D'-#P%D-#>+-1%G-E'#0(+  
4DOG-?#D#4000%1#OEG#4D'E/#\* -0E#(0#'@-#FD@((&(0#\$ . ?OE%%-1#OEG#F(D%O&#FD%-ED-1C

#

! "\$%&'(&)%#\*'+%-,./0EF,"#4/&)\*#'"%d&&

&

OE'+G%#D%)&E0+K#4DOG-?#D#>+(/+0?1`OE%'D'% -1`M-E'--+1C#  
[-E-+0&#RG. DO'(Eg#N%N-+O&#4+1#OEG#FD%-ED-1#M. ++#D. &. ?C#

!

M(&&ON(+0'-G#I %@#G%-D'#+-) (+1#0EG#JE% -+1%K#4G, 0ED-?-E'#' (#E' -/+0' -#@-%#E--G1#E' (#@-# .)D(?%E/#D0)%0#D0?)0%/E#  
W0. ED@-G#'-#F. ??-+JEG-+/+0G. 0'-#F'. G-E'#X-1-0+D@#[ +0E'#>+(/+0?#7d! ""'2""'90#  
4I 0+G-G#d<""'2""'90#E#/+0E'1#'( #1. )) (+#00D. &'K#+-1-0+D@#0EG#E(, 0'(E#E#'-OD@%E/#'+@(. /@#'-#  
\OD. &'K#3%E% [ +0E'#>+(/+0?#C##  
QE#D(&&ON(+0'(E#I %@#'-#4DOG-?#D#W-0G-+1@%)#Y-0?2#D+-0'-G#G% %1%(E0#/(0&1#0EG#?-' +#D1#0(+  
'@-#E-I #1'+0'-'#D#)&OEC#  
M(&&ON(+0'-G#I %@#'-#\* %-D' (+#(0#X-'-E'%(E#0EG#'-#411%#0E'#P%D-#>+-1%G-E'#0(+#QE1%'.'%(E0#  
>#OEE#E/#0EG#X-1-0+D@#'( #0?)&-? -E'#F'0+0%#R0+&K#4&-+ #0EG#M(EE-D'G#  
F)-0+@-0G-G#D0?). 1;I %G-#+-'-E'%(E#-00(+1#'#0'#+-1. &'G-#E#1#/#E#0#0E'##ED+-01-1#E#\_FJ1#6;K-0+#  
/+0G. 0'%(E#0'-g#L5C! I #7=""L#D@(+9#'( #5<C! I #7=""8#D@(+9C#  
Q?)&-? -E'-G#D@0E/-1#'( #@-#eR#)+(/+0?#'#@0'#+-1. &'G-#E#0#1. N1'0E'#0#E#D+-01-#E#'-#00&#'( #00&#  
+-'-E'%(E#0'-1#(0#0#1';K-0+#1'. G-E'1g#A5C=I #7=""': #D@(+9#'( #8''C<#7=""! =#D@(+9C#  
R1'0N&#@-G#3ZJ1#1 %@#'-#0(&&(I %E/#-SD@0E/-#)0+'E-+1g#M^'-D@#JE% -+1%K#(0#N#0-#FD%-ED-12#'-#  
JE% -+1%K#(0#H-#0QE'-' +%(+2#'-#JE% -+1%K#(0#\_ (+D-1'-+2#0EG#'-#W-'-+]-E#K#0E1%'.'-#(0#  
Y-D@E(&(/K#C##  
R1'0N&#@-G#'-#JE% -+1%K#C-KE(' -#W-D'. +-#F-+%-1#0EG#D(??(E#+-0G#E/#)+(/+0?#C#  
#

#  
)#%\*' +%-.,/,#%#&&

&  
Z, -+1%#0#(0#! #0D0G-?#D#G-)0+'? -E'1g#H. 1%E-11#4G?%E#'+0'%(E#0EG#RD(E(?#D12#M(???. E#D0'%(E2#  
M+?%#E0#T. 1'D-2#RE/#%#2# \$%#'( +K#0EG#>(%#D0#FD%-ED-2#>@%#(1)@K2#>1KD@(&(/K2#F(D%(&(/K2#J+N0E#  
F'. G%-12#P%#0#0EG#>-+0(+?%E/#4+'12#0EG#\_ (+&G#N0E/. 0/-1C##

&  
2\$3'""! 44'5\*.,%65#+/#%#&&

&  
\$%-G#5#E-I #00D. &'K#? -?N-+1g#>1KD@(&(/K#7=92#RE/#%#7! 92#F)0E%#7! 92#0EG#>@%#(1)@K#7! 9C#  
\_ (+]-G#I %@#0D0G-?#D#G-)0+'? -E'1#'( #1'0N&#@#0EG' (+1'+-E/'@-E#-S'-+E0#0G, %1 (+K#N(0+G1C#  
\_ (+]-G#I %@#0D0G-?#D#G-)0+'? -E'1#'( #G-, -&#)D(. +1-; &-; -&#1'. G-E'#&-0+E#E/#('D(?-1#0(+0#&#  
D(. +1-1#0EG#'( #+-0%E-#'-#%#D. ++#D. &. ?#0#%#E? -E'#?0'+#D-1C##  
M(&&ON(+0'-G#I %@#0D0G-?#D#G-)0+'? -E'1#'( #1'0N&#@#0EG#?0)#1D@((&#&-; -&#)+(%#%-1#'( #'-#E-I #  
1'+0'-'#D#)&OEC#  
\_ (+]-G#I %@#G-)0+'? -E'#D@0%#1#0EG#00D. &'K#'( #D+-0'-#E-I #?%E(+1#E#\_+%#E/#0EG#M+?%#E0#  
T. 1'D-C##  
R, 0&. 0'-G#00D. &'K#0(#+-0)) (%E'?'-E'2#)+(? ('%(E2#0EG#'-E. +-C##  
#

# # # # # # # # # #  
F#%#", \*, '+&\$+: &)#%\*' +%-.,/,#%#&&

&  
X-) (+'E/#G%-D'&K#'( #'-#>+ (, (1` P%D-#>+-1%G-E'#0(+4DOG-?#D#4000%12#Q#+-D-% -G#0#0&0;'%? -#+-&-01-#  
0+ (?#?K#00D. &'K#) (1%#(E#'( #011%#I %@#'-1'0N&#@#E/#0EG#+-OD@%E/#'-#/(0&1#(0#'-#j F. DD--G#E#Lk#  
+-'-E'%(E#E#%D'% -C##

&  
2\$3'""! 44'5\*.,%65#+/#%#&&

&

!

Y@%#I (+]2#0&(E/#I %@#?K#&-0G-+1@%)#01#'@-#)+%ED%)0&#%E, -1'%/0'(+#(E#'@-#P%#(E#[ +0E'2#&-G#'(#'@-#  
%?)&-?-E'0%(E#(0#'@-#0(&&(I %E/#+-'-E'%(E#%E%'0'% -1#0'#\_FJg#  
#

!

!"#\$%&'(%)\*+,-./0.12.&#343566:!

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="=L# f0%(E0&#FD%-ED-#\ (. EGO'(E2#j F;FYR3q#H. %G%E/#QE1'%. '%(E0&#M0)OD%K#'( #F. )) (+'#FYR3#  
FD@(&0+1#Y@+(. /@#>-G0/(/K#(0#X-0&#Y0&]2k#d! 3#' (#1. )) (+'#1'. G-E'1#I %@#0%E0ED%0&#E--G#  
?0i(+%E/#E#D@-?'#'+K2#N%(&/K2#D(?). '-#1D%-ED-2#-E/%E--+#E/#'-D@E (&/K2#OEG#?0'@-?0'%D1#  
="=<# 3011#N%0-#FD%-ED-1#M-E'-+2#dA5''2''''#'( #-E@OED-#N%(&/K#OEG#D@-?'#'+K#&ON(+0'(+%-1#0'#  
'@+(. /@#'@-#?(G-+E%0'%(E#(0#'@-#. E% -+1%KU1#-V. %) ?-E'#7\%D@N. +/#F'0'-#JE% -+1%K9C###  
="=<## W&(KG#[ C#HO&0(. +2#d=L82: =!



="!=# 3-?N-+#(0#@-#P%a%(E#[ +OE'#00#>+)(10&#Y-0?2#\_FJc#\_FJ#I 01#0I 0+G-G#d662A66c<<#'( #  
0. EG#0#1. ??-+#)(/+0?#0(+400c\* G#74&' -+E'0% -1#0(+#QEG% %G. 0&#\* -, -&())? -E'9#1'. G-E'1#0EG#  
'(#). +D@01-#F (-&#W-, %^u1#X-' -E'%(E#30E0/-? -E'F(0'I 0+-#7X3Fm9c##  
="!!# >Q`)+(i-D'#?0E0/-+0(+#\_FJU1#P%a%(E#[ +OE'#02#\_FJ#7<#K-0+#+OE'9c#Y('0&#0I 0+Gg#  
dL6L2L: : c8<#7e-0+#! g#d=<<2L! A2#e-0+#+g#! 5L2''55c=-2#e-0+#+g#dAA2''=Ac6! 9c###

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#  
="!L;# # 3-?N-+#(0#4? -+%0E#411(D#D'%(E#(0#M(&&-/-1#0EG#JE% -+1%%-1#744MbJ9#H(0+G#(0#  
\*%-D'( +1c##  
="!8# # 3-?N-+#(0#F'0' -#\$%/@-+#RG. DO'%(E#RS-D. '% -#Z00%D-+1u#7F\$RRZ9#D(??%' --#'@0'#  
G+00'-G#0#+-D(??-EG-G#j F'. G-E'#>+(-D'%(E#>(&#DK#(E#Y+0E1D+%)'12# [ +OG. 0'%(E#W%a'12#  
0EG#M(&&-/-#MO'0&/1k# '@0'#1-+, -1#01#/. %GOED-#' (I 0+G1#D+-0'E/#0#? (+-#  
D(?)+-@-E1% -2#D(E1#a' -E'2#0EG#-00-D'% -#1'0'-; &- , -&#) (&#D%-1#E# '@a#0+-0c###  
="!A# # W. ?%E0#F'+0' -/K#W0N1g#j RED( +0/%E/#ZE;Y%? -#M(?))&-'%(E#Y@+( /@#F --G1;H01-G#  
4%G#>+(/+0?1ck###  
="!A;="==# 4G, %a (+K#H(0+G#3-?N-+2#M(&&-/-#H(0+G#F'0' -#4/-EDK#FD(+ -#F-EG#X-, %I C#  
="!A;="==# 30110D@. 1-'1#F'0' -#X-)+-1-E'0'% -2#F\$RRZ#F'+-E/'@-E%E/#@-#Y+%DGgQE1'% . '%(E0&#  
M(1. +-1c#  
="!6;="==== 30110D@. 1-'1#F'0' -#X-)+-1-E'0'% -2#W#N-+0&#RG. DO'%(E#0EG#4? -+%0U1#>+(?%a -#  
7WR4>9c##  
="!6;="==== F' --+%E/#M(??%' --#3-?N-+#0EG#30110D@. 1-'1#> (%E'#>-+1(E2#3. &'%F'0' -#  
M(&&N(+0'% -#' (#4G, 0ED-#h. 0&&K#F'. G-E'#W-0+E#E/#7F\$RRZ#0EG#44MbJ9c##  
="!6;="==== 30110D@. 1-'1#F'0' -#X-)+-1-E'0'% -2#M(?)&-'-#M(&&-/-#4? -+%0#M(;+ -V. %a#-#0#FD0&-#  
QE%#D'% -c###  
="!5;="!6# >&0EE#E/#M(??%' --#3-?N-+#0(+44MbJ#="!6#\* % -+1%K2#W-0+E#E/#0EG#F'. G-E'#  
F. DD-11#M(E0--ED-C##

="!6#### 3-?N-+2#>0+'@-E(E#\_(+)%E/#[+(.)C##X-)(+'#)+(G.D-Gg#j H+-0]%E/#\*(I E#F%(1#'( #

!

!"#\$%&'(%)\*+,-./0.12.&#34356=4!



#

="!" ;="L# M&E%D0&#Y-0D@%E/#411(D%D' -#

#

9"3\$"/5(+; (-#"43-)/0+< -22\$")%A(0+7D\*+

+

="!" ;="<# P%a%%E/#411%a'0E'#>+(0-11(+#(0#F)0E%a@#

#

7\$54E+; (-#"43-)/0+9%4."3)"40+< 1\*+

=""" ;="!"# P%a%%E/#

!

j 4#)-10+#G-#1. #D(&(+2#-+0#?%#?0G+ -#@-+? (10Uy#&01#G(1#D0+01#G- &#OD--+D0?%-E'(#0&#('+(#-E#FONk#%E#  
X-, %& '0#G-#QE, -1'#/OD%(E-1#W%-+0+%01#K#M. &'. +0&-12#JE% -+1%GOG#G-#F%?nE#H(&, 0+2#! : : AG#

&

? "\$+%\$/,'+%&

&

H0+(V. -#Y(S%D(&/Kg##\* %&D(. +1-1#(E#F? (]-#OEG#'@-#> (&-?%D1#(0#Y(NODD(#%E#! A

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