

#\$\$%&' (!) \*+, -%'  
/01 (&' 02\*!\$3!#\$+\$&, 4\$5!6\$%+4 (&  
7/2&\$4%820\$/!2\$!)2, 20' 208' !902: !#\$; <%2(&! =<<+08, 20\$/!  
>8\$/; 08' !?@"@ABCB!  
)<&0/D!CB"@!

!

E&\$3(' '\$&FIG08: \$+, ' !>H! I+\$&('!  
J3308(F!>8\$/; 08' !K; H8\$/L\$902!MNC  
A@"MO!

>; , 0+!G08: \$+, 'H! I+\$&(' P#\$+\$&, 4\$H(4%!  
J3308(!Q\$%&' !R!CA?!<H; H!RQ!CAM!<H; H, /4!- \*!, <<\$0/2; (/2!  
!

#+, ' '\$\$\$; F!#+, 0&(!CBS!  
#+, ' '!T((20/D!R0; (F!R!RQ!NF?B!; H; H!U!"BFMO!; H; H!  
!

K(V%0&(4!R(W2-\$X!  
!"#%&' ()\$\*+&), ()#-\$./, &,' , ()' 0\$1"23(, (-45!- \*!Y, 104!T\$\$&(5!Z 0++0, ; !T\$2[5!, /4!  
T08: , (+! +0D/(&H!R: (!8\$%&' (!' ('!2: (!), <+0/D!\ (, &/0/D!' \*' 2(; !<&\$104(4!- \*!2: (!  
<%-+0': (&H!R: (&(!0' !/\$!8: , &D(!3\$&!2: 0' !' (&108(!, /4!02!8\$; ('!902: !3&(!, 88(' ' !2\$!, /!  
\$/+0/(!1 (&' 0\$/!\$3!2: (!-\$X\$H!R: (!-\$X\$50/!-\$%/4!, /4!+\$'\$ (A+, 3!1 (&' 0\$/50' !, +' \$!  
, 1, 0+, -+(!, 2!2: (!-\$X' 2\$&(103!\*%\$!9, /2!, !: , &4!8\$<\*H!!  
!

#+, ' !R(8: /\$+\$D\*!  
/&56(47\$8#&+4(47\$/9' , #: !  
R: (!8\$%&' (!90++!%' (!2: (!), <+0/D!\ (, &/0/D!' \*' 2(; !3\$&!; \$; (9\$&X!, /4!' \$; (!V%0[[('H!7!  
90++!<&\$104(!\*\$%!, !' 0D/A%<!8\$4(1- \*!(; , 0+, /4!\*%\$!8, /!( '2, -+0': !\*\$%&!), <+0/D!  
\ (, &/0/D!, 88\$%/2!3&(!\$3!8: , &D(H!)]\$%!, %' 2!%' (!2: 0' !' \*' 2(; !3\$&!; \$; (9\$&X!, /4!' (+82!  
V%0[[('H  
; 60)<#+' !R: (!8+, ' !, /4!' (820\$/! '90++!' (!8+08X(&' !, /4!2: (&(3\$&(!\*\$%!'90++!/(4!2\$!  
-&0/D!\*%\$&!8+08X(&!2\$!(1 (&'!8+, ' !, /4!' (820\$/H!!  
=&43\$=#63\$; &6)>6&, -+!U!] \$%!90++!/(4!, !8, +8%+, 2\$&!2\$!4\$!8, +8%+, 20\$/! '0/!8+, ' ' 5!  
<, &208%+, &+\*!4%&0/D!(W, ; 'H!] \$%!8, //2!%' (!\*\$%&!<: \$/(!\$&!-\$&&\$9!\*\$%&!/(0D: -\$&^!  
8, +8%+, 2\$&!4%&0/D!(W, ; 'H!\_&, <: 0/D!8, +8%+, 2\$&' !2: , 2!: , 1(1-%0+2A0/!' 2, 20' 208, +!3%/820\$/!  
, &(!&(8\$; ; (/4(45!(H!R7A@?!)\$&!R7A@M!!] \$%!90++!/(4!2\$!-(1 (&' (4!0/!' 0/D!2: (' (!  
8, +8%+, 2\$&' !3\$&! (W, ; 'H!  
2?)#6!U!Q\$; (9\$&X!, /4!&(802, 20\$/!90++!0/1\$+1(!2: (!%' (!\$3!T08&\$' \$32!>W8(+H!!  
!

#+, ' !)%<<\$&2!  
R: (&(!, &(!2: &((!9, \*' !\*\$%\$!8, /!D(2!: (+!902: !2: (!8\$%&' (H!R: (!2(, 8: 0/D!, ' ' 0' 2, /2!, /4!  
<&\$3(' '\$&!; , 1(!&(D%+, &!\$3308(!: \$%&' H!7/!, 44020\$/!2: (!8\$/; 08' !4(<, &2; (/2!<&\$104('!  
3&(!2%2\$&0/DH!7/3\$&; , 20\$/!, 2!  
: 22<' F`999H8\$+\$&, 4\$H(4%`>8\$/; 08' `%/4(&D&, 4%, 2(`2%2\$&0, +A+, -H<43!  
Y\$!/\$2!3, ++(-: 0/4!0/!2: 0' !8\$%&' (H!.' (!2: (!: (<+!, 1, 0+, -+(!2\$!\*%\$!2\$!0/!\$&4 (&!2\$!; , ' 2(&!  
2: (!; , 2(&0, +H!!  
!

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#\$\$%&' (!J1 (&10(9!

R: (!<%&<\$' (!\$3!2: 0' !8\$%&' (!0' !2\$!0/2&\$4%8(!\*\$%!2\$!2: (!<&0/80<+(!'\$3!' 2, 20' 208, +!  
 &(' '\$/0/D!, /4!0/3(&/8(H!R\$!2: 0' !(/4!2: (!%+20; , 2(!D\$, +' !\$3!2: (!8\$%&' (!, &(!3\$&!\*\$%!2\$!  
 2: \$\$%&D: +\*!%/4(&' 2, /4!2: (!3\$++\$90/D!8\$/8(<2' F! , ; <+0/D!40' 2&0-%20\$/ ' 5! : \* <\$2: (' 0' !  
 2(' 20/D\$!, /4!8\$/304 (/8(!0/2(&1, +' !, 8&\$' ' !; % +20<+(!' (220/D' !8\$1 (&(4!0/!2: (!8\$%&' (H!  
 R: 0' !3\$%/4, 20\$/ , +8\$%&' (!0' !(' ' (/20, +2\$!\*%\$%&' %88(' ' !0/!2: (!' 2%4\*!\$3!(8\$/; 08' H!#. !  
 (8\$/; 08' !MBBBA+(1(+8\$%&' (' !&(V%0&(!X/\$9+(4D(!\$3!-, ' 08!' 2, 20' 208, +!&(' '\$/0/D!, /4!  
 %/4 (&' 2, /40/DH! !%&2: (&!\$%&!&(V%0&(4!(8\$/; (2&08' !8\$%&' (' !-%0+4!40&(82+\*!\$33!\$3!2: 0' !  
 8\$%&' (H!  
 !

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R: (!8\$%&' (!8\$/ ' 0' 2' !\$3!301 (!8+\$' (+\*!&(+, 2(4!<, &2' H!R: (!30&' 2!<, &2!\$3!2: (!8\$%&' (!  
 0/2&\$4%8(' !9, \*' !2\$!(W<+&&(!4, 2, !%' 0/D!10' %, +!, /4!/%; (&08, +!; (2: \$' 4' H!R: (!' (8\$/4!  
 <, &2!\$3!2: (!8\$%&' (!<&\$104(' !, /!\$1 (&10(9!\$3! : \$9!4, 2, !0' !<&\$< (&+\*!8\$++(82(4H!R: (!2: 0&4!  
 <, &2!\$3!2: (!8\$%&' (!0/2&\$4%8(' !\*\$%!2\$!-, ' 08!<&\$-, -0+02\*!2: (\$&\*5!; , a&\$!40' 8&(2(!, /4!  
 8\$/20/%\$% ' !<&\$-, -0+02\*!40' 2&0-%20\$/ ' 5!, /4!; , 2: (: , 208, +!(W<(82, 20\$/H!R: (!3\$%&2: !<, &2!  
 \$3!2: (!8\$%&' (!0/2&\$4%8(' !\*\$%!2\$! , ; <+0/D!40' 2&0-%20\$/ ' 5!8\$/304 (/8(!0/2(&1, +' 5!, /4!  
 : \* <\$2: (' 0' !2(' 20/DH!R: (!3032: !, /4!30/, +!<, &2!\$3!2: (!8\$%&' (!0' !, +!, <<+0(4! ' 2, 20' 208, +!  
 0/3(&/8(!0/8+%40/D!0/3(&/8(!, -\$%2!2: (!; (, /!\$3!, !<&\$-, -0+02\*!40' 2&0-%20\$/5!0/3(&/8(!  
 , -\$%2!4033(&/8(' !0/!29\$!<\$<%+, 20\$/!; (, /' 5!0/3(&/8(!, -\$%2!, !' 0/D+(!&\$<\$&20\$/!  
 3&\$; !, !<\$<%+, 20\$/5!0/3(&/8(!, -\$%2!4033(&/8(' !0/!<&\$<\$&20\$/ ' !3&\$; !29\$!<\$<%+, 20\$/ ' 5!  
 , /4!0/3(&/8(!, -\$%2!' 0; <+(!&(D&(' ' 0\$/H!  
 !

#\$\$%&' (!R\$<08' !

#: , <2(&!B!\_ (220/D!)2, &2(4!!  
 #: , <2(&! " !E082%&0/D!Y0' 2&0-%20\$/ ' !902: !\_&, <: ' !!  
 #: , <2(&!C!Y(' 8&0-0/D!Y0' 2&0-%20\$/ ' !902: !G%; - (&' !!  
 #: , <2(&! ?!R: (!G\$&; , +!Y0' 2&0-%20\$/ ' !!  
 #: , <2(&!M!) 8, 22(&<+\$2' !, /4!#\$\$&&(+, 20\$/!!  
 #: , <2(&!O!K(D&(' ' 0\$/!!  
 #: , <2(&!b!R9\$AZ, \*!R, -+(' !!  
 #: , <2(&!S!>W<+&&0/D!Y, 2, F!E, &2!7!K(10(9!!  
 #: , <2(&!@!E&\$4%80/D!Y, 2, F!), ; <+0/D!!  
 #: , <2(&!N!E&\$4%80/D!Y, 2, F!>W<(&0; (/2' !!  
 #: , <2(&! " B!Y, 2, !>2: 08' !!  
 #: , <2(&! " " !E&\$4%80/D!Y, 2, F!E, &2!7!K(10(9!!  
 #: , <2(&! " C!7/2&\$4%80/D!E&\$-, -0+02\*!!  
 #: , <2(&! " ?!\_ (/(&, +!K%+(' !\$3!E&\$-, -0+02\*!!  
 #: , <2(&! " M!60/\$; 0, +!Y0' 2&0-%20\$/ ' !  
 #: , <2(&! " O!), ; <+0/D!Y0' 2&0-%20\$/ ' !!  
 #: , <2(&! " b!#\$/304 (/8(!7/2(&1, +' F!R: (!6, ' 08' !!  
 #: , <2(&! " S!R(' 2' !\$3!)0D/0308, /8(F!R: (!6, ' 08' !!  
 #: , <2(&! " @!7/3(&/8(!0/!E&, 8208 (!!  
 #: , <2(&! " N! !&\$; !Y, 2, !E&\$4%820\$/!2\$!7/3(&/8(F!E, &2!7!K(10(9!!  
 #: , <2(&!CB!7/3(&/8(!, -\$%2!, !E\$<%+, 20\$/!T (, /!!  
 #: , <2(&!C " !#\$\$; <, &0/D!R9\$!T (, /' !!  
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#: , <2(&!CC!7/3(&/8(!, -\$%2!, !E\$<%+, 20\$/!E&\$<\$&20\$/!!  
#: , <2(&!C?!#\$\$; <, &0/D!R9\$!E&\$<\$&20\$/'!!  
#: , <2(&!CM!7/3(&/8(!, -\$%2!L, &0, -( ' F!E, &2!7L!K(10(9!!  
#: , <2(&!Cb!7/3(&/8(!3\$&!K(D&( ' ' 0\$/!!  
!

E&(&(V%0' 02(' F!>8\$/!CB" B!, /4!>8\$/!CBCB!, /4!(02: (&!>8\$/!" B@@!\$&!T, 2: !" B@"!\$&!  
T, 2: !" ?BB!\$&!T, 2: !" ?" B!\$&! =EET!" ?OB!c, +!; 0/0; %; !D&, 4(!#AdH!K(' 2&082(4!2\$!  
' 2%4 (/2' !902: !CCA" @B!%/02' !8\$; <+(2(4H!!

!  
>1, +% , 20\$/!  
Q\$; (9\$&X! ! "0e!  
K(802, 20\$/! ! "Be!  
7/A8+, ' ' !# +08X(&! 0e!  
T042(& ; !" ! ! CBe!

=22(/4, /8(!E\$+08\*!

Y, 0+\*!, 22(/4, /8(!90+!- (!2, X(/!3\$&! (, 8: !8+, ' 'H#!] \$%!; %' 2!, 22(/4!, !; 0/0; %; ! \$3!@Be! \$3!  
2: (!+(82%&(' !0/!\$&4 (&!2\$!<, ' ' !2: (!8\$%&' (!, /4!' (<, &, 2(+\*!2: (!&(802, 20\$/!H!73!\* \$%!; 0' ' !  
; \$&(!2: , /!CBe! \$3!2: (!+(82%&(' 5!\* \$%!90+!&(8(01 (!, /!, %2\$; , 208! !0/!2: (!8\$%&' (H!73!\* \$%!  
; 0' ' !; \$&(!2: , /!CBe! \$3!2: (!&(802, 20\$/ ' 5!\* \$%!&(8(01 (!, ! [ (&\$!3\$&!2: (!&(802, 20\$/!D&, 4 (H!  
=22(/4, /8(!90+!- (!&(8\$&4 (4!2: &\$%D: !8+08X(&!&(' <\$/' (' !0/!8+, ' ' H  
!

! =##JTTJY=R7JG! JK!Y7)=67\7R7>)!

!7! !]J. !g. =\7! ]!! JK! =##JTTJY=R7JG)!6>#=. )>]J! !=Y7)=67\7R]5E\>=>)>!. 6T7R! ]J. K!  
=##JTTJY=R7JG!\>RR>K! KJT!Y7)=67\7R!]>KL7#>)!R! ]J. K! ! =#. \R! ]T>T6>K! ]G! =!R7T>\ ]!  
T=GG>K! ]IRQ=R! ]J. K!G>>Y)!# =G!6>! =YK>)>)>YH!Y7)=67\7R!]>KL7#>)!Y>R>KT7G>)!  
=##JTTJY=R7JG)!6=>)>Y!JG!YJ#. T>GR>Y!Y7)=67\7R7>)!G!RQ>! =# =Y>T7#!>GL7KJGT>GRH!  
7G! JKT=R7JG!JG!K>g. )>R7G\_! =##JTTJY=R7JG)!7)!J# =R>Y!JG!RQ>!Y7)=67\7R!]>KL7#>)!  
Z>6)7R>]CZ Z #H\JK=YJH>Y. `Y7)=67\7R!]>KL7#>)` )R. Y>GR)dH!#JGR=#R!Y7)=67\7R!  
>KL7#>)! =R! ?B?AMNCA@bS" !JK!Y)7GIJP#J\JK=YJH>Y. ! JK! . KRO>K! =))7)R=G#>H!7! !]J. !  
Q=L>! =!R>TEJK=K! ]T>Y7# =\#JGY7R7JG!JK!Gf. K]5!>>!R>TEJK=K! ]T>Y7# =\#JGY7R7JG!  
. GY>K!RQ>)!R. Y>GR)!R=6!JG!RQ>!Y7)=67\7R!]>KL7#>)!Z>6)7R>! =GY!Y7)#. ))! ]J. K!G>>Y)!Z7RQ!  
]J. K!EK! ]>))JKH!  
!

K>\7\_7J. )!QJ\7Y=J)!

#, ; <% ' !<\$+08\*!&(D, &40/D!&(+0D0\$% ' ! \$ - ' (&1, /8(' !&(V%0&(' !2: , 2!3, 8%+2\*!; , X(! (1 (&\*!  
(33\$&2!2\$!4 (, +& (, '\$ /, -+\*!, /4!3, 0&+\*!902: !, +! ' 2%4 (/2' !9: \$5! - (8, %' (! \$3!& (+0D0\$% ' !  
\$ - +0D, 20\$/ ' 5! , 1 (!8\$/3+082' !902: !' 8: (4%+(4!(W, ; ' 5!, ' ' 0D/; (/2' ! \$!&!(V%0&(4!  
, 22(/4, /8(H!7/!2: 0' !8+, ' ' 5hh ii!  
) ((!2: (!8, ; <% ' !<\$+08\*!&(D, &40/D!&(+0D0\$% ' ! \$ - ' (&1, /8(' !3\$&!3%+!4 (2, 0+ ' H  
!

#\=))KJJT!6>Q=L7JK!

)2%4 (/2' !, /4!3, 8%+2\*! (, 8: !: , 1 (!&(' <\$/' 0-0+02\*!3\$&!; , 0/2, 0/0/D! /!, <<&\$<&0, 2(!  
+ (, &0/D! (/10\$&/; (/2H!R: '\$ (!9: \$!3, 0+!2\$!, 4: (&(!2\$! %8: !- (: , 10\$&, +! 2, /4, &4' !; , \*!  
- (!' % - a(82!2\$!40' 80<+0/(HE&\$3(' ' 0\$/ , +8\$%&2(' \*!, /4!' (/ ' 020102\*!, &(! (' < (80, ++\*!  
0; <\$&2, /2!902: !& (' < (82!2\$!0/40104%, +! , /4!2\$<08' !4 (, +0/D!902: !&, 8(5!8\$+\$&5! /, 20\$/ , +!  
\$&0D0/5! (W5!<&(D/ , /8\*5!, D(5!40' , -0+02\*5!8&((45!&(+0D0\$% /5! (W%, +!\$&0 (/2, 20\$/5!D (/4 (&  
04 (/202\*5!D (/4 (&!(W<&(' ' 0\$/5!1 (2 (&, /! 2, 2% 5!<\$+0208, +!, 330+0, 20\$/!\$&!<\$+0208, +!  
<: 0+\$ '\$<: \*H!#+, ' ' !&\$' 2 (&! , &(!<&\$104 (4!2\$!2: (!0/ ' 2&%82\$&!902: !2: (!' 2%4 (/2j' !+(D, +!  
/, ; (H!7!90+!D+, 4+\*!: \$/\$&!\*\$%&!&(V%(' 2!2\$!, 44&(' ' !\*\$%!- \*!, /!, +2 (&/, 2(!/, ; (! \$&!  
D (/4 (&!<&\$/\$% /H!E+ (, ' (!, 410' (!; (! \$3!2: 0' !<&(3 (&/8 (! (, &+\*!0/!2: (!' ( ; (' 2 (&! '\$!2: , 2!7!  
; , \*!; , X(!, <<&\$<&0, 2(!8: , /D(' !2\$!; \*!&(8\$&4' H! ! \$&!; \$&(!0/3\$&; , 20\$/5! ((!2: (!  
<\$+080(' !\$/!8+, ' ' &\$&; !- (: , 10\$&! , /4!2: (!)2%4 (/2!# \$4 (! \$3!# \$ /4%82H!  
!

)>k. =\!T7)#JGY. #R5!Y7)#K7T7G=R7JG5!Q=K=))T>GR! =GY` JK!K>\ =R>Y!K>R=\7=R7JG!  
R: (!. /01 (&' 02\*! \$3!# \$+\$&, 4\$!6\$%+4 (&!c#. !6\$%+4 (&d!0' !8\$; ; 022(4!2\$!; , 0/2, 0/0/D! /!,  
<\$' 0201 (!+(, &0/D!5!9\$&X0/D5! , /4!+010/D! (/10\$&/; (/2H!#. !6\$%+4 (&!90+!/\$2!2\$+( &, 2(!, 82' !  
\$3! (W%, +!; 0' 8\$/4%825!40' 8&0; 0/ , 20\$/5!; , &, ' ' ; (/2!\$&!&(+, 2(4!&(2, +0, 20\$/! , D, 0/ ' 2!\$&!- \*!  
, /\*!( ; <+ \$\* ((! \$&! ' 2%4 (/2H!#. ^!) (W%, +!T0' 8\$/4%82!E\$+08\*!<&\$: 0-02' !' (W%, +!, ' ' , %+25!  
' (W%, +!(W<+\$02, 20\$/5! (W%, +!; , &, ' ' ; (/25!0/20; , 2(!<, &2/ (&, -%' (!c4, 20/D!\$&!4\$; (' 208!  
!

10\$(/8(d5! 2, +X0/D!\$&!&( +, 2(4!&(2, +0, 20\$/H#. !6\$%+4 (&^!Y0' 8&0; 0/, 20\$/!, /4!  
Q, &, ' ' ; (/2!E\$+08\*!<&\$: 0-02'!40' 8&0; 0/, 20\$/5!: , &, ' ' ; (/2!\$&!&( +, 2(4!&(2, +0, 20\$/!-, ' (4!  
\$/!&, 8(5!8\$+\$&5!/, 20\$/ , +!\$&0D0/5! (W5!<&(D/, /8\*5!, D(5!40' , -0+02\*5!8&( (45!&( +0D0\$/5! (W%, +!  
\$&0(/2, 20\$/5!D(/4 (&!04 (/202\*5!D(/4 (&(W<&(' '0\$/5!1(2(&, /!' 2, 2%' 5!<\$+0208, +!, 330+0, 20\$/!\$&!  
<\$+0208, +!<: 0+\$' \$<: \*H7/40104%, +'!9: \$!- (+0(1(!2: (\*!: , 1(!- ((/' % -a(82!2\$!; 0' 8\$/4%82!  
%/4 (&!(02: (&!<\$+08\*!' : \$%+4!8\$/2, 82!2: (!J3308 (!\$3!7/' 202%20\$/ , +!>V%02\*!, /4!#\$; <+0, /8(!  
cJ7>#d!, 2! ?B?AMNCAC" CSH7/3\$&; , 20\$/!, -\$%2!2: (!J7>#5!2: (!, -\$1(!&(3(&(/8(4!<\$+080(' 5!  
, /4!2: (!8, ; <%' !&(' \$%&8('!, 1, 0+, -(!2\$!, ' ' 0' 2!0/40104%, +'!