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4&\$0!/-2!511!(%02(&%'-(&*!4&\$0!4-670%'-'(!8511449:;!;0)2#&2+!<=>?!

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"B0'(!C#(D:!51! , -2EOF'&(!5#\$(0\$\$!"3G--*!:

E'%G!G0*7!/2-6!50(%0!"B02D2#7:!HI0('\$D'F0!

/-2!%G0!1(%02(&%'-(&*!4&\$0!4-670%'-'(!

&%!51! , -2EOF'&(!5#\$(0\$\$!"3G--*!;0)2#&2+!<=>?!

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HIO('\$D'FO!'\$!&!*O&D'(F!, -2D'3!'(\$#2&(30!F2-#7!*\$%OD!-(!%GO!J\$*-!"%-3K!LM3G&(FON!1!G&\$!
&)-#%!OP==!0 6 7*-+00\$!&(D!-//02\$!'(\$#2&(30!72-D#3\$!'(!, -2E&+;!Q0(6 &2K!:"EOD0(!&(D!%GO!
5&*% '3!\$%&%O\$N!1(!, -2E&+!HIO('\$D'FO!&*\$-!-//02\$!)&(K'(F!:70(\$'-(!&(D!&\$B'(F\$N!HIO('\$D'FO!G&\$!
72-B'DOD!'(\$#2&(30!\$02B'30\$!/ -2!<==!+0&2\$N!

HIO('\$D'FO!'\$!3- 6 6 '%%OD!%-!\$%\$%&'(&)*'%+!&(D!20D#3%'-(!-//3*' 6 &%O!3G&(FON!"-!G-E!3&(!&(!
'(\$#2&(30!&(D!)&(K'(F!3- 6 7&(+!3-(%2')#%0!%-!&!\$%\$%&'(&)*O!DOB0*-7 6 0(!-!/\$-3'O%+R!!
S -#2!%&\$K!E'**!0!&(\$E02'(F!%G'\$!T#0\$%'-(N!

"#%&'(&)*'%+!\$!%GO!\$%#D+!-!G-E!(%#2&*\$+\$%0 6 \$!/#!(3%'-(!20 6 &'(!D'BO2\$0!&(D!72-D#30!
0B02+%G'(F!%!!(OOD\$!/ -2!%GO!03-* -F+!%-!20 6 &'(!!)&*&(30>N!1!&*\$-!&3K(-E*ODF0!%G&%!G# 6 &(!
3'B'*\$%&'-(!&K0\$!20\$-#230\$!%-!\$%\$%&'(!-#2! 6 -D02(!E&+!-!*/ON!J#2! 6 &'(!3-(302(!-D&+!\$!%GO!
'(320&\$0!-!/\$!4 J <!0 6 '\$\$'-(N!UG'\$!G&\$!F'BO(!2'\$0!%-!F*-)*!E&2 6 '(F!&(D!3*' 6 &%O!3G&(FO!E'!%G!
7-%0(%&!*!-!/03-* -F'3&*:!7G+\$'3&*&!(D!GO&*\$G!' 6 7&3\$N!V('! (320&\$0!'(!OM!20 6 0!E0&%G0!0B0(%\$!:
\$#3G!&\$!/* -D\$!:\$-2 6 \$!:D2-#FG%!(D!GO&%E&B0\$!&20!&*20&D+!G&770('(FN!5#%!('!&!)-&D02!
702\$703%B0!:\$%\$%&'(&)*'%+!\$!&)-#%!)*&(3'(F!)0%E00(!3- 6 70%'(F!(OOD\$W!%GO!(OOD!%-! 6 -BO!
/-2E&2D!%03G(-* -F'3&+!&(D!03-(- 6 '3&+!&(D!GO!(OOD!%-!72-%03%'-#2!0(B'2-(6 0(N!
UGO!X, !HO(02&!*V\$S0 6)*+!\$!J 70(!@ -2K'(F!H2-#7!-(!"#%&'(&)*O!Q0B0*-7 6 0(%H-&*\$!G&\$!
72-7-\$OD!&!\$0%!-!H-&*\$!%G&%!3-('\$D02!03-(- 6 '3!:\$-3'&*&(D!0(B'2-(6 0(%&!*D' 6 0(\$'-(\$!%-!
' 6 72-BO!70-7*0Z\$!*\$B0\$!&(D!72-%03%!%GO!7*&(0%!/ -2!/#%#20!FO(02&%'-((\$N!!

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+, -#.*'*/ -0.1! (. \$2*#23*4*5!6&4*)5!

!"#\$%&'&(#)%*+&%&%, \$*&%-,%%./#(0.1'2&/#3*4#.2-4*.\$'*51,5#1-67* 8#*4.9#*.2,\$(-#1+*
.551,..:4*.\$'*.%, :0%*, \$1#'0:&\$(*-4#*1&%,*,/*'.+.(#*.\$'%&\$"0167* 8 4#*\$+&%/ ,1-0\$#*
%-1& ;#%*<#%*4.22*:4, ,%#%0%-.&\$.=2#%*, 20-&, \$%*/ ,1*-4#*(, , '*,/*-4#*:0%- , +#1*.\$'%%, :&#-6*
.-*2.1(#7!

7-8(%-9-#\$.!2# '!9-\$:&4&/5!

!"#\$%&'&(#%4.22*: , +526*<4*-4#*1#>0&1#+#\$-%%#-*, 0-&\$*-4#*?%2, *@-, : ;*AB:4. \$(#)%*
(O&'#2&\$%*/ ,1*1#5,1-&\$(* ,/*: ,15,1.-#*1#%5, \$%&=&2&-63*.%*<#22*.%*C&\$. \$%*D,1(#)%*
EF, . '+.5*/ ,1*(1##\$*: , +5#-&-&, \$*<4&\$*-4#*/&\$.\$:#&\$'0%-16G7*!"#\$%&'&(#%4.22*.2%, *
: , +526*<4*-4#*H7D7*(2, =.2*: , +5. : -51&\$:&52#%*. \$'%&\$-#(1.-#-4#*H7D7*%0%-.&\$.=&2&-6*
(, .2%3*/ , :0%&\$(*, \$*-4, %#*.1#.%*4.-*.1#*+ , %-*1#2#9. \$-*, *, 01*=0%&\$#%/%*+ , '#27**

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H10(\$'D'F0!G&\$!\$703'/'0D!%G200!&20&\$!-/\$703'&*!72'-2'%+A!

! "#\$%& ' & (#)%=0%&\$#%/%*, 5#1. -&, \$%*%4. 22*: . 0%#* . *

+, - # . * ' * / - !

HIO(\$'D'F0!'\$!&!*0&D'(F! , -2D'3!'(\$#2&(30!F2-#7!*'\$%0D!-(!%G0!J\$*-!'%-3K!LM3G&(F0N!1%!G&\$!
&)-#%!OP==!067*-+00\$!&(D!-//02\$!'(\$#2&(30!72-D#3%\$!'(!, -2E&+:!Q0(6&2K:!"E0D0(!&(D!%G0!
5&%'3!\$%&%0\$N!1(!, -2E&+!HIO(\$'D'F0!&*\$-\$-!//02\$!)&(K'(F:!70(\$'-(!&(D!\$&B'(F\$N!HIO(\$'D'F0!G&\$!

UGO! 6 &' (!72-D#3%\$!&20A!

_ -% -2!' (\$#2&(30!!

^2-702%+!' (\$#2&(30!

V33'D0(%!&(D!G0&*%G!' (\$#2&(30!

H0(O2&*!*'&)'*%+!' (\$#2&(30!

4-\$%&*!&(D! 6 &2'(O[%2&(\$7-2%!

'(\$#2&(30!

, &%#2&*!702'*\$!

A*#2#)-!>&%B25C!7&2' 9 2D!@&%!+%--#!E&9 D-\$-\$*F-#-...!#*\$: -!A*2#2)*24!1-)\$&%G!

; '(&(30! , -2E&+d!'\$!%G0!'(D#\$%2+!-2F&('\$&%'-(!/-2!%G0!/'(&(3'&*!'(D#\$%2+!'(! , -2E&+N!;'(&(30!
, -2E&+!20720\$0(%\$< \=!'/'(&(3'&*!3- 6 7&('0\$!E'%G!]====!0 6 7*-+00\$N!_ 0 6)02\$G'7!'(!;'(&(30!
, -2E&+!'\$!-70(!%-!&**!)&(K\$:'(\$#2&(30!3- 6 7&('0\$!&(D!-%G02!/'(&(3'&*!'(\$%'##%'-(\$!-702&%'(F!'(!
, -2E&+;!&\$!E0**!&\$!/'(%03G!&(D!-%G02!%03G(-*-F+!3- 6 7&('0\$!-//02'(F!20*0B&(%!\$02B'30\$!'(!%G0!
'(&(3'&*!\$03%-2N!

1(!<=>]:!E-2*D!*0&D02\$!&F200D!-(!&6)'-%-#%\$!&2F0%\$!%-!20D#30!F200(G-#0!F&\$!0 6 '\$\$'-(\$N!UGO!
/-**-E'(F!+0&2:!!!(#6)02!-/!'(D#\$%2+!F2-#7\$!'(! , -2E&+!72-D#30D!\$03%-2&*!2-&D 6 &7\$!/-2!F200(!
3- 6 70%'%B0(0\$N!1(!%G0!E&KO!-/!%G'\$!E-2K:!!%G0!/'(&(3'&*!\$03%-2!%-!'\$!#('!'(F!)0G'(D!3- 6 6 -(!
F-&\$!/-2!%\$!2-*0!'(!%G0!%2&(\$%''-(!%-!&!*-E.3&2)-(/#%#20:!!%G2-#FG!'\$!-E(!2-&D 6 &7N!UG'\$!

1 (9 9 2 % 5 ! 2 # ' !) & #) 4 (. * & # ! !

H10(\$'D'FO!'\$13-66%'%OD!%-!\$#%&'(&)'*%+!&(D!20D#3'-(!-/!3*'6&%0!3G&(FON!

U-!T#-%0!/2-6!H10(\$'D'FOZ\$!'#%&'(&)'*%+!^-*'3+A!

E! "#\$%&'&(#%4.22*: , +526* < k-4*-4#*1#>0k1#+#\$-%%#-*, 0-*k\$*-4#*?%2, *@-, :;*AB:4.\$(#)%*
(O&'#2&\$#%*/ , 1*1#5, 1-k\$(*, /%:, 15, 1. -#*1#%5, \$%k=k2k-63*. %* < #22*. %*C&\$.\$%*D, 1(#)%*
EF, . ' + . 5%/, 1*(1##\$*: , +5#-k-k, \$* < k-4k\$*-4#*/k\$. \$:#*k\$'O%-16G7*! "#\$%&'&(#%4.22*. 2%, *
, +526* < k-4*-4#*H7D7*(2, =. 2*: , +5. : -*51k\$:k52#%*. \$' *k\$-#(1. -#*-4#*H7D7%O%- . k\$. =k2k-6*
(, . 2%3%/, :O%k\$(*, \$*-4, %/#*. 1#. %*-4. -*. 1#*+, %-*1#2#9. \$-*, *, O1*=O%k\$#%*+ , '#27G!!

S - #2!%&\$K!'\$!%-!'D0(%' / + ! 72 & 3 % ' 3 & * ! 72 - I 0 3 % \$! % G & ! E ' * * ! & * * - E ! H 1 0 (\$ ' D ' F O ! % - ! 3 - (% 2 ') # % 0 ! % - ! & !

\$#%&'(&)*0!DOBO*-760(%!-!/\$-3'0%+N!`0\$2'3!%GO!72-I03%\$!%-!(- (. * ' / 0 ! ' (\$ # 2 & (3 0 A !

^2&3%'3&*!72-I03%\$!

^2-I03%\$!6#%\$!)0!72-/'%&)*0!/-2!H10(\$'D'FO!

^2-I03%\$!6#%\$!3-67*+!%-!H10(\$'D'FOZ\$!'#%&'(&)'*%+!^-*'3+A!

E! "#\$%&'&(#)%%O%- . k\$. =k2k-6*5, 2k:6*. 552k#%*- , *-4#* < 4, 2#*, /%-4#*! "#\$%&'&(#)!1, O5*. \$' *
#%- . =2k%4#%*, O1*51k\$:k52#%*/ , 1*-. ;k\$(* . : , O\$-*, /%-4#*#9k1, \$+#\$-3*:2k+ . -#3%*, :k. 2*: , \$' k-k, \$%*
. \$' * . , 15, 1. -#*(, 9#1\$. \$:#*k\$*. 22*, /%, O1*. :-k9k-k#%7*
S1, 'O:-%*. \$' %/#19k: #%*-4. -*+##-4#*\$##'%, /%-4#*51#/#\$- * < k-4, 0-*. , +51, +k%k\$(*-4#*. =k2k-6*, /%
/O-01#*(#\$#1. -k, \$%*- , *+##-4#k1*, <\$*\$##'%7G!

H10(\$'D'FO!'\$!*--K'(F!/-2E&2D!%-!+-#2!\$-*#%'-(\$N!

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H--D!*#3Kf!

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