

:#'(/\$-?! "#\$!%&')!G5-!(\$E,\$H!' 0)! '88(&E\$!' 03!(\$05\$-!*&(!*50)-!.&!9\$!G')\$!.&!.\$#! J &E\$(0&(!&(!.&!.# \$ J \$0\$('2!K--\$G923?! "#\$!%&')!-# '22!' 2-&!&E\$(-\$!.\$#! : .5 '2!' 882, : ' ., &0!&*!(\$-&5(:-\$!' 0)! \$0-5(\$!.\$#! :&-A\$**\$: .,E\$!&8\$(' ., &0!&*!.\$#!40- ., .5.\$?!

>! "#\$!%&')!-# '22!' 88&,0.! 'P58\$(,0.\$0)\$0.D!H#&-!)5,.-!' (\$!)\$-:(,9\$)!93!K(.,:2\$ 44D!P\$: ., &0!&*!.\$#!-!%3A2' H-D!' 0)!\$0-5(\$!.\$#! .!.\$#!P58\$(,0.\$0)\$0.! : &G82,\$-!H, #!' 22!%&')!' 0) -.' .5.&(3!),(\$: .,E\$-?!4!-# '22!)\$*,0\$!,.-!\$F8\$: . ., &0-!' 0)!-\$.! / &' 2-!*&(!.\$#!P58\$(,0.\$0)\$0.! '0) '005' 223!(\$E,\$H .# \$!P58\$(,0.\$0)\$0.N-18\$(*&(G' 0:\$!H, .#!(\$*\$(\$0:\$!.&!.#&-!\$F8\$: . ., &0-!' 0)! / &' 2-?! "#\$!%&')!-# '22!' 005' 223!) \$2,E\$(0!,0!:2&-)\$!-\$--,&0D!,.-!\$E' 25' ., &0!&*!.\$#!P58\$(,0.\$0)\$0.|- 8\$(*&(G' 0:\$?!K03!:#' 0/\$!.&!.# \$!P58\$(,0.\$0)\$0.|-!\$G82&3G\$0.! : &0.(' : !.)5(,0/!' 03!-5:#!G\$\$.,0/! &(!' 03!&.\$#!(G\$\$.,0/!&*!.\$#!%&')!-# '22!9\$!G')!&!023!93!'!E&.\$!&*!'!G' I&(, .3!&*!.\$#!%&')!- G\$G9\$(-?

R?! "#\$!%&')!,-!52.,G' . \$23!(\$-8&0-,92\$!*&(!.\$#!' : ')\$G, : !05' 2, .3!' 0)! ,0.\$ / (, .3!&*!.\$ \$ 40- ., .5.\$?!4!-# '22!)\$.\$(G,0\$!H# ' .!' : ')\$G, : !: &5(-\$-' 0)!8(& / (' G-H,22!9\$!&**\$(\$)!\$- . '92,-#!(52\$- '0)!(\$ / 52' ., &0-!*&(!.\$#!\$G82&3G\$0.!&*!' : 52.3!' 0)! '88&,0.!.\$#!G' 0)!*,F!.\$#!(-' 2' (\$-?!S' : 52.3! : '0!9\$!(\$G&E\$)!&023!*&(!/ &&): ' 5-\$!' 0)!H, #!.\$#! : &0:5((\$0:\$!&*!'!G' I&(, .3!&*!.\$#!%&')?!T8&0! .#\$(G&E' 2!&*!'! ' : 52.3!G\$G9\$0!.\$#!* ' : !&*D!' 0)!(\$' -&0-!*&(0!-5:#!(\$G&E' 2!-# '22!9\$!(\$8&(\$)!.&! .# \$! J &E\$(0&(?

B?! "#\$!%&') G' 3!' : : \$8.! '0)!\$F8\$0)! / , * .-!.&!.# \$!40- ., .5.\$?!4! .-!.\$#!%&')N- (\$-8&0-,9,2, .3!.&!\$0-5(\$!.\$#! .!' 22!8,(E' .! / , * .-!*&(!.\$#!9\$0\$* , !&*!.\$#!40- ., .5.\$!)9&.#!(\$-.(, : .)\$! '0)! 50(\$-.(, : .)\$)!('! '882,\$)! ,0!-588&(!&*!.\$#!G, --, &0!' 0)! ,0!'!G' 00\$(!: &0-, -.\$0.!H, #!.\$#!8(&(, ., \$- &*!.\$#!40- ., .5.\$?! "#\$!%&')!-# '22!\$0-5(\$!.\$#! .!' 03!8,(E' .!& / ' 0,U' ., &0!8\$(G, ., \$)!.&!&8\$(' .! ,0!.\$ \$ 0' G\$!&(!&*!.\$#!9\$0\$* , !&*!.\$#!40- ., .5.\$!)8(&E,)\$-!(\$ / 52' (!' 0)!\$. '2\$)!(\$8&(, 0/!&*!\$F8\$0) , .5(\$- '0)! ' : .,E, ., \$-!50)\$(\$ 'V\$0!&0! , .-!9\$# '2*?!

W?! "#\$!%&')!-# '22!)\$.\$(G,0\$!' 0)!)*\$,0\$!.\$#!(\$05,(\$G\$0.-!*&(!')G, --, &0!.&!.# \$ 40- ., .5.\$ ' 0) \$- . '92,-#!(52\$-' 0)!(\$ / 52' ., &0-!*&(!.\$#!' : : \$8.' 0:\$!&*!-.5)\$0.-D!,0:25),0/!.\$ \$ '88(&8(, ' .!-\$,U\$!&*!.\$#! ; &(8-!&*! ; ')\$.-D!.\$#!0' .5(\$!' 0)!)5(' ., &0!&*!.\$#!(-\$(E, : \$D' 0)!.\$#! : &(\$: 5((, : 525G!(\$05,(\$G\$0.-? X, #!.\$#! : &0:5((\$0:\$!&*!.\$#! J &E\$(0&(0!.\$#!P58\$(,0.\$0)\$0.D' 0)!.\$ \$ *' : 52.3D) .# \$!%&')!-# '22! : &0*\$(!) / (\$-\$?! "#\$!%&')!G' 3!')&8.!(/ 52' ., &0-!*&(!.\$#!G' 0' / \$G\$0.!&*! .# \$!40- ., .5.\$!' 0)!*&(!.\$#! : &0)5 : !&*! : ')\$.-?!

Y?! "#\$!%&')!D!H, #!.\$#! '88(&E' 2!&*!.\$#! J &E\$(0&(!' 0)!-' 8(&E,)\$)!93!- . ' .5.\$!D!G' 3 2\$-' \$D!-\$22!&(!&.\$#!(H, -\$! : &OES3!H# ' . \$E\$(!,0.\$(\$-! ,0!(\$ '2!8(&8\$(.3!.\$#!40- ., .5.\$!G' 3!# 'E\$D!' 0)!G' 3! ' : 05,(\$! ,0.\$(\$- .-! ,0!(\$ '2!8(&8\$(.3!93!85(:# ' -\$D!H,22!&(!)\$)!&*! / , * .?!

Z?! "#\$!%&')!G' 3!' 5.#&(,U\$!.\$#!P58\$(,0.\$0)\$0.!&(!#,-!)\$- , / 0\$\$!.&!\$F\$: 5.\$!' 03! ,0-.(5G\$0.! ,0!.\$#!0' G\$!' 0)!&0!9\$# '2!&*!.\$#!+ , / , 0, ' 1 , 2, . ' (3!40- ., .5.\$?! "#\$!P\$: (\$. ' (3!&!.# \$ %&')!-# '22!# 'E\$!' 5.#&(, .3!&!.# **,F!.\$#!-\$ '2!&*!.\$#! : &(8&(' ., &0!&!' 03!-5:#! ,0-.(5G\$0.!?

[?! "#\$!%&')!&*!+ , - ., &(-!&*!.\$#!+ , / , 0, ' 1 , 2, . ' (3!40- ., .5.\$!,-!'!H&(V,0/!%&')!' 0)! , - G\$G9\$(-!' (\$!\$F8\$: . \$)!.&! ' ..\$0)! '22!G\$\$.,0/-' 0)!&!8' (, : , 8' .! ,0!.\$#!' : .,E, ., \$-!&*!.\$#!%&')?!

@C? "#\$!%&')!-# '22!-59G, .!.&!.# \$! J \$0\$('2!K--\$G923!' 0)!.\$#! J &E\$(0&(!' 0!' 005' 2 \$F\$: 5.,E\$!-5GG' (3!&*! , -! ,0.\$(G!' : .,E, ., 3!' 0)!H&(V!0&!2' .\$(!.\$' 0!.\$#!* , (-!) ' 3!&*!\$' : #!(\$ / 52' (!

H#\$.#\$(&(!0&!.&!'))!-5:#!,\$G-!&!.#\$\$*,0'2!'/(\$0)'?!"#\$/(\$0)'!G'3!9\$!G\$0\$)!&0:\$!
G\$\$.,0/!,-!:&GG\$0:\$)!93!'!E&.\$!&*!'!G'I&,(.3!&*!.#\$\$!G\$G9\$(-!&*!.#\$\$!%&'!)!8(\$-\$0.?!)

W?! \,-:5--,&0!'0)!':.,&0!&0!'03!&8,:-!0&.-!8\$:*,,: '223!F\$G8.\$)!85(-5'0.!&!
+,(/0,'! ; &)\$!<!=?=A>Y@@!-# '22!9\$!#\$\$2)!0!&8\$0!G\$\$.,0/?!!aK03!95-,0\$--!('0-' :.\$)! '0)!
) , - :5--,&0-!#\$\$(\$&*!)5(,0/!'!':2&-\$)!-\$--,&0!,- .&!9\$!V\$8.! :&0*,\$0., '2!93!G\$G9\$(-!&*!.#\$\$!%&'!)!&*!
+,-. &(-!'0)!+ 1 4!-.'**!8(\$-\$0.!*&(!.##\$:2&-\$)!-\$--,&0?a K03!&**,,: '2!' :.,&0!. 'V\$0!,0!'!':2&-\$)!
G\$\$.,0/!-# '22!9\$! '88(&E\$)!0!'0!&8\$0!G\$\$.,0/!9\$* &(\$!-5:#! ' :.,&0!# ' -!'03!* &(:\$!&(!\$**\$: .D!,0!
' : :&() '0:\$!H.,#!+,(/0,'! ; &)\$!<!=?=A>Y@@6%7?

Y? "#\$!%&'()!-# '22!0&.*3!'0)!0E.,\$.#\$\$!K..&(0\$3!J\$0\$('2!-'88&0.\$\$!&(!
(\$8(\$-\$0.' ,E\$!&!'22!G\$\$.,0/-!&*!.#\$\$!%&'()D!.\$!MF\$:5.,E\$! ; &GG,..\$\$D!'0)!&.#\$!(!%&'()!
:&GG,..\$\$-?

Z? "#\$!P\$:(.\$ '(3!&!.#\$\$!%&'()!&(!)\$-./0\$\$D!,0!:&0-52.'.,&0!H.,#!.#\$\$!_(\$-,)\$0.D!-# '22
8(\$8'(\$!H(.,\$0!G,05.\$-!&*!'22!&8\$0!G\$\$.,0/-D!,0!' : :&() '0:\$!H.,#!.#\$\$!(\$05,(\$G\$0.-!&*!+,(/0,'
; &)\$!<!=?=A>YCY? \('*!G,05.\$-!&*!G\$\$.,0/-!-# '22!9\$!8&-\$) &0!.#\$\$!+ 1 4!H\$9-.,\$!'0)!&0!.#\$
; &GG&0H\$ '2.#! ; '2\$0)'(D!,0!' : :&() '0:\$!H.,#!.#\$\$!(\$05,(\$G\$0.-!&*!+,(/0,'! ; &)\$!<!=?=A>YCY?@?

^![_5(-5'0.!&!+,(/0,'! ; &)\$!<!=?=A>YCY?>6%7D,0),E,)5'2 %&'!)!G\$G9\$(-!G'3!
8'(.,:8' .\$.!0!G\$\$.,0/-!93!\$2\$:.(&0,:!G\$'0-!,*,0!')E'0:\$!&*!'!G\$\$.,0/D!'!%&'()!G\$G9\$(!0&.,*,\$-
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40!' : :&() '0:\$!H.,#!+,(/0,'! ; &)\$!<!=?=A>YCY?>!6 7D!.\$!*&22&H,0/!8&2,:3!H,22!'8823!.&!(0\$5\$--
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@?!c\$G&.\$!8'(.,:8' .,&0!H,22!9\$!'22&H\$)!85(-5'0.!&!.#\$\$!:(:5G-.'0:\$-!&5.2,0\$)!0!
+,(/0,'! ; &)\$!<!=?=A>YCY?>!6%7!6@AR7d

=?!K22!(\$05\$-- G5-!9\$!,0!H(.,0/!'0)!-\$0.!93!G' ,2D!*'FD!&(!G' ,2!&!9&.#!.#\$\$!%&'()!
_(\$-,)\$0.! '0)!.#\$\$!:&GG,..\$\$!:#',(!H#0!'882,: '92D!H.,#!':&83!.&!.#\$\$!P\$:(.\$ '(3!&*!.#\$\$
%&'()D!H#&!,-!&!:(.\$' .\$.!0!'88(&8(,.'.\$!(\$&()!&*!-5:#!(\$05\$--?

>! K!(\$05\$-!G5-!-8\$:, *3!.#!(\$'-&0!.#!G\$G9\$(!: '00&!9\$!8#3-, : '223!8(\$-\$0.!.'!'
G\$\$.,0/D!\$F:\$8.!.#'!-8\$:, *, :!)\$.', 2-!&*!'!G\$), : '2!:&0),, &0!'(\$!0&!(\$05,(\$)d

R?!K22!(\$05\$-.- G5-. 9\$!*&22&H\$)!93!'!8#&0\$!: '22!.&!.#!P\$:(\$. '(3!&*!.#%!&'(!)!)E,-,0/!
.#'.!.#!H(,..0!(\$05\$-!,-!*&(#:#&G,0/!&!\$0-5(\$!.#'!.!.#!(\$05\$-!,-!(\$:\$,E\$)d

B?!"#\$_(\$-,)\$0.!&(!:&GG,..\$\$!:#', (!H,22!:&0-,)\$(!.#!(\$05\$-!'0)!0*(G!.#!\$,0),E,)5'2
%&'(!)G\$G9\$(!H#\$.#\$(!.#!(\$05\$-!,-!)\$0,\$)!&(!'88(&E\$)d

\$?!4*!'!G\$G9\$(!8'(.,:8' .\$-\$2\$:(&0,: '223D!.#\$ (\$'-&0!.#!G\$G9\$(!,-150'92\$!&'..\$0) .#!G\$\$.,0/!
'0)!!/\$0\$('2!)\$-:(,8.,&0!&*!.#!(\$G&.\$!2&: ',&0!*(&G!H#, :#!.#!G\$G9\$(!8'(.,:8' .\$-!H,22!9\$
(\$:&(\$)!0!.#!G\$\$.,0/!G,05.\$-d!#&H\$E\$0!.#!(\$G&.\$!2&: ',&0!0\$)\$!0&.!9\$!&8\$0!&!.#!8592,:d!
'0)

^@C? _5(-5'0.!&!+, (/ ,0, '! ; &)\$!<!=?=A>YZZ?>!6 ; 7!.#!%&'(!)G'3!#&2)! '22AE,(.5'2!8592, :
G\$\$.,0/-D!8(&E,)\$)!.#' .b

'?!K0!,0), : '.,&0!&*!H#\$.#\$(!.#!G\$\$.,0/!H,22!9\$!'0!,0A8\$(-&0!&(!'22AE,(.5'2!8592, :!G\$\$.,0/!, -
,0:25)\$)!0!.#!(\$05,(\$)!G\$\$.,0/!0&., :\$!'2&0/!H,#!'!-. '\$G\$0.!0&.,*3,0/!.#!8592, :!.#'!.#
G\$.#&)!93!H#, :#!.#!%&'(!) :#&&-!&!G\$\$.!-# '22!0&.!9\$!: #'0/\$)!502\$--!.#\$ %&'(!) 8(&E,)\$-!
0\$H!G\$\$.,0/!0&., :\$!0!' : :&(\$)'0:\$!H,#!.#!8(&E,-,&0-!&*!<=?=A>YCYd

9?!_592, :!' : :\$--!&!.#!'22AE,(.5'2!8592, :!G\$\$.,0/!, -!8(&E,)\$)!E, '!\$2\$:(&0, :!:&GG50, : '.,&0!
G\$'0-d

:?!"#!\$2\$:(&0, :!:&GG50, : '.,&0!G\$'0-15-\$)! '22&H-!.#!8592, :!&!#\$(!'22!G\$G9\$(-!&*!.# \$ %&'(!)
8'(.,:8' .,0/!,0!.#!'22AE,(.5'2!8592, :!G\$\$.,0/!'0)D!H#0!'5), &AE,-5'2!.\$:#0&2&/3!, -!'E', 2'92\$D!&!
-\$!.#!G\$G9\$(-!&*!.# \$ %&'(!) '-!H\$22d

)?!K!8#&0\$!05G9\$(!&(!&.#\$(!2,E\$!:&0.' :!.,0*(G'.,&0!,-!8(&E,)\$)!&! '2\$(!.# \$ %&'(!) ,*!.#!'5), &!&(!
E,)\$&!('0-G,--,&0!&*!.#!G\$\$.,0/!8(&E,)\$)!93!.#\$ %&'(!) *', 2-d!.#\$ %&'(!) G&0, &(-!-5:#!
)\$-, /0'.)!G\$'0-!&*!:&GG50, : '.,&0!)5,(0/!.#!G\$\$.,0/D!'0)!.#\$ %&'(!) . 'V\$-!'!(\$:\$--!50., 2
8592, :!' : :\$--!&!(\$-&(\$)! ,*!.#!(.'0-G,--,&0!*', 2-!&(!.#!8592, :d

\$?!K!:&83!&*!.#!8(&8&-\$)! /\$0)'!0)! '22! /\$0)'!8' :V\$.-'!0)D!502\$--!\$F\$G8.D!'22!G'. \$('2-
5(0, -#)\$!&!G\$G9\$(-!& .#%!&'(!) *&(!'!G\$\$.,0/!, -!G')\$!'E', 2'92\$!&!.#!8592, :!0!\$2\$:(&0, :
&(G'.'!'.#!- 'G\$!.,G\$!.#'!-5:#!G' .\$('2-!'(\$!8(&E,)\$)!&!G\$G9\$(-!&!.# \$ %&'(!)d

*?&-!G(,23!'!(\$!2,()d) Tj/ T 1 _0 1 Tf() TjEMC/Lbk</MCID 1 6>>BDC/TT0 1 Tf0- 1 .92Td/(?) TjEMC/LBcy</MCID 1 7

ee@=?

@?! K5,.D!S,0'0:\$D '0)! 2'00,0/b!"#\$K5),.D!S,0'0:\$D '0)!_2'00,0/! ;&GG,..\$\$,-
(\$-8&0-,92\$!*&(1&E\$(-,#.!&*!'22!G'..\$(-!(2'.,0/!.&!.#140-.,.5.\$N-!*,0'0:.,'2!'**',(-D!95-,0\$--
&8\$('.,&0-D ^(-V!G'0'/\$G\$0.^D!'0)!.#\$!'5),.-!.#\$(\$&*!'#\$! ;&GG,..\$\$!-#22!(E,\$H!'0)!8(\$-\$0.
&(!'88(&E'2!93!.\$!%&'!)!.\$\$!'005'2!95)/\$.D!5,.,&0!('\$-D!-.5)\$0.!\$-\$D!'0)!&.#\$(!-.5)\$0.
:#'(/\$-?!"#\$! ;&GG,..\$\$ -#22!'2-&!(E,\$H!.\$!8\$(*&(G'0:\$!&*!.\$!,0E\$-.G\$0.-!:&0.(&22\$)!93!.\$
%&'!)!&*!+,,-.&(-D!.\$!G'0'/\$G\$0.!&*!95,2),0/-!'0)!/(50)-D!'0)!8(&8&- '2-*&(!.#\$!85(:#'-!'0)!
- '2\$!&*!(\$'2!\$-.'.\$?!^"#,-!:&GG,..\$\$,-!(\$-8&0-,92\$!*&(1&E\$(-,#.!&*!'22!G'..\$(-!(2'.,0/!.&- '*\$.3D
-\$:5(.,3D!'0)!\$G\$(/\$0:3!G'0'/\$G\$0.?^ "#,-!:&GG,..\$\$D!,0!:&&(),0'.,&0!H,#!.#\$
P58\$(,0.\$0)\$0.D!,-!(\$-8&0-,92\$!*&(1.#\$!2&0/A('0/\$+'005'2!'0)!:'8,.'2 82'00,0/!&*!.\$ 40-.,.5.\$D!
,0:25),0/ '0!&0/&0/!-.('\$./,:!82'00,0/!8(&\$--?!"#\$,-!:&GG,..\$\$,-!'2-&!(E,\$H!'0)!8(\$-\$0.
&*!0*&(G'.,&0!.\$:#0&2&/3!)\$E\$2&8G\$0!'0)!0*('-.(5:.5(\$ ^'0)!:39\$(-\$5(.,3!&(!.#\$!40-.,.5.\$^?!

=?! K:')\$G,:!K**',(-b!"#\$K:')\$G,:!K**',(-! ;&GG,..\$\$,-!(\$-8&0-,92\$!*&(1&E\$(-,#.
&*!'22!G'..\$(-!(2'.,0/!.&' :')\$G,:!8(&/('G-D!:&5(-\$!&**\$(,0/-D!*':52.3!\$G82&3G\$0!'0)
:&G8\$0-'.,&0D!'0)!,-5\$-!(2'.)!&!:')\$!.\$0(&22G\$0.D!,0:25),0/!)G,--&0!-'0')'()-?!"#\$
 ;&GG,..\$\$!,0!:&&(),0'.,&0!H,#!.#\$!P58\$(,0.\$0)\$0.D!-#22!'2-&1&E\$(-\$\$!.\$!] ,9('3!'0)!(\$E,\$H
8(&8&-)\$!G'I&(!/*.-!&!.#!] ,9('3?!40!')) ,.,&0D!.\$! ;&GG,..\$\$!H,22!9\$!(\$-8&0-,92\$!*&(E,\$H,0/!-.5)\$0.!8\$(*&(G'0:\$D!.\$!f':V-&0A g&8\$!_(&/('G!50)\$(/(')5' .\$!(\$-\$'(:#!8(&/('G-D
,0.\$(0'.,&0'2!8(&/('G-D!:'(\$(\$!-\$E,:\$-D!-\$V\$(!8(&/('G-D!.\$!(\$/,-.('0

8(\$-\$0.10&G,0'.,&0-!*&(!_(\$-,)\$0.D!+,,:\$!_(\$-,)\$0.-!6>7D!'0)!P\$:(\$. '(3!.&!.#\$!%&'!)!^.38,: '223^ '!.!
.#\$!'005'2!G\$\$.,0/!&*!.#\$!%&'!)!"#\$!; &GG,..\$\$!-#'22!(\$E,\$H .#\$!:&GG,..\$\$!-.(5:.5(\$!&*!.#\$
%&'!)!0)!&.#\$(!/&E\$(0'0:\$!,-5\$-'0)!-59G,!'03!(\$:&GG\$0)'.,&0-!.&!.#\$ MF\$:5.,E\$
; &GG,..\$\$?!!"#\$!; &GG,..\$\$!-#'22!8\$(&),: '223!(\$E,\$H!.\$-\$!%3A2'H-'0)!(\$:&GG\$0)!
'G\$0)G\$0.-!.&!.#\$!MF\$:5.,E\$!; &GG,..\$\$?!!40') ,.&0D!.\$\$!; &GG,..\$\$!-#'22!: &0-52.!H,.#D!8(&E,)\$
,0*&(G'.,&0!.&D '0)D

@C?! M':#!-'0),0/!:&GG,..\$\$!-# '22!G\$\$.! !.#!: '22!&*!,-!:#', (G'0 a&(.#!_(-,) \$0.a '0)!-# '22!:&0-,) \$(-5:#!G' ..\$(-!-'G'3!9\$!((\$)!&!.!93!.\$-\$!&*, :\$(-!&(93!G\$G9\$(-!&*!.\$:&GG,..\$\$?!M':#!:&GG,..\$\$!93!,-!:#', (G'0)!-# '22!(\$8&(!.&!.#!\$!522!%&')D!' . \$':#!(\$/52' (!G\$\$.,0/D!'22!G' ..\$(-!:&0-,) \$(!)'0)!(\$:&GG\$0)' .,&0-!*&(!%&')!':.,&0!) \$E\$2&8\$)! -,0:\$!.\$!2'-.!G\$\$.,0/!&*!.\$!%&')?!

@@?! "#\$_(-,)\$0.!G'3!'88&,0.!')!#&!:&GG,..\$\$-!-'!)\$G\$)!0\$:- (3?!P5:#! :&GG,..\$\$-!-# '22!9\$!:('\$.)!*&(!2,G,,\$)!85(8&-!-'0)!\$F,-!*&(!'!*0,.\$!8\$(&)!&*!.,G\$?! "#\$_(-,)\$0.!-# '22!)\$*,0\$!9&.#!.\$!85(8&-!-'0)!)5('.,&0!&*!'03!-5:#!:&GG,..\$\$!58&0!,- '88&,0.G\$0.? "#\$_(-,)\$0.!H,22!'88&,0.!&0!G\$G9\$(!&*!.\$!%&')!\$':#!3\$' (!H#&!H,22!-\$ (E\$ &0!9&.#!.\$!K5),.D S,0'0:\$D! '0) _2'00,0/!'0)!K.#2\$.,!; &GG,..\$\$-?! "#,-!G\$G9\$ (!H,22! ..\$0)D! \$.,#!\$(!,0!8\$(-&0!&(!2\$:.(&0: '223D!' !2\$'-!&0!&*!.\$!-\$G,A'005'2!G\$\$.,0/-!&*!.\$!` ;KK K:')\$G,:!_(&/(-!-'c' .!\$'0)!K:')\$G,:!4G8(&E\$G\$0.!_2'0!; &GG,..\$\$!:#', (\$)!93!.\$! \ \$85.3! P58\$(,0.\$0)\$0.!*&(!S,0'0:\$D!K)G,0,-.('.,&0D!'0)!P588&(?! "#\$_(-,)\$0.!G'3!'2-!&'88&,0.! 'G\$G9\$(!&*!.\$!%&')!&!-\$ (E\$!'-'0!\$FA&*, :&!G\$G9\$(!&*!'03!; 'G8',/0!M\$5:5,ES!; &GG,..\$\$.#!.-!-\$-.'92,-#)\$!*&(!:'8,.'2!50),0/!:'G8',/0-!:&0)5:.\$)!&0!9\$#'2!&*!.\$!40-..,5.\$?!

@=?! "#\$_(-,)\$0.!-!'0!\$FA&*, :&!G\$G9\$(!&*!'22 -.'0),0/!'0)!')!#&!:&GG,..\$\$-?

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_5(-5'0.!&!+ 1 4!J \$0\$('2!L()\$(!RWD! ; &)\$!&*!M.#, :-D!G\$G9\$(-!&*!.\$!+,(/,0,'! 1 ,2,.'(3!40-..,5.\$:&GG50,3!('\$!:&GG,..\$\$)!&!.#!\$#,#/\$-\$!.\$#,: '2!-'0)')-!0!*5(.\$('0:\$!&*!.\$40-..,5.\$N-G,--,&0?! "#,-!0:25)\$-!'!:&GG,..G\$0.!&!E&,)9&.#!:&0*2, :-!&*!0.\$(-!-'0)!##!'88\$' ('0:\$!&*! -5:#!:&0*2, :-?! 1 \$G9\$(-!&*!.\$!+ 1 4!%&')!&*!+,-, &(-!'(\$!-59!\$:.!&'0)!-# '22!'9,)\$!93!.\$ 8(&E,-,&0-!&*!.\$!P.' .!\$'0)!]&:'2!J &E\$(0G\$0.!; &0*2, :-!&*!40.\$(-!-'K:!'16" ,2\$!=?=D!; #'8.\$(>@!&*! .#!\$; &)\$!&*!+,(/,0,'7!M' :#!G\$G9\$(!&*!.\$!%&')!&*!+,-, &(-!G5-!*,2\$!'005'2!(\$8&(-!-'!-\$!*&(#! ,0!+'?! ; &)\$!<!=?=A>@R?a

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=? 40!' :&() '0:\$!H,#!+<=>?A@CZ!&*!.\$!; &)\$!&*!+,(/,0,'D!.\$!J &E\$(0&(G'3!(\$G&E\$ '!%&')!G\$G9\$(!&*!(G'2*\$-'0:\$D!G,-*\$-'0:\$D!,0:&G8\$. \$0:\$D!&(/(&--!0\$/2\$:.!&*!)5.3!'0)!*,22 .#!\$E' : '0:3?!40!-5:#!:'-\$!.\$!J &E\$(0&(H,22!-\$!*&(#!,0!'!H,..\$0!8592, :-!.' .G\$0.!.\$!(\$-'&0-*&(!.\$!(\$G&E'2?

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R? 40!'03!:'-\$,0!H#,:#!.\$ '9&E\$ /(&50)-!*&!((\$G&E'2!'88\$'(!.&!9\$!8(\$-\$0.D!.\$\$_(\$-,)\$0.!-#'22!,0*&(G!.\$!G\$G9\$(!,0!H(,.,0/'!0)!8(&E,)\$!'!(\$'-&0'92\$!&88&(.,.3 *&(!.#\$!%&'!)!G\$G9\$(. &!(\$-8&0) '0)!.&!8(&E,)\$!:'5-\$!*&(!'9-\$0:\$-?!! P5:#!0&.,:\$!'0)!(\$-8&0-\$!G'3!.\$0!9\$.('0-G,..\$)!.&!.\$!(\$G',0,0/!%&'!)!G\$G9\$(-!*&(!' :.,&0?!K!G'I&(.,3!E&.\$!&*!.\$!(\$G',0,0/!%&'!)!G\$G9\$(-.#'!.#\$!-.'.)\$!:'5-\$!,-!0&.!-5**,.,\$0. ,-\$!(\$05,(\$)!*&!((\$G&E'2?!T8&0!-5:#!'!E&.\$D!.\$%&'()N-!' :.,&0!H,22!9\$!:\$(&,\$)D!(\$:&())!0!.\$!G,05.\$-*&(!.#\$!G\$\$.,0/!'!H#,:#!.\$!E&.\$!,-.'V\$0D'0)!('0-G,..\$)!.&!.\$!J&E\$(0&(? +S&22&H,0/!-5:#!' :.,&0-D!.\$!&**,.\$!&*!-5:#!G\$G9\$(!-#'22!9\$!E':'.)\$?)!

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9?

