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

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

/O! 1 2!O# 3!%+4#!&5!" 6%#78+%!+9!8, #'! #6O#%8!: #O8#%!9+%!: #&7, 6O<! =>7#44#07#-!/!, &?#18, #!@4#&5(%#!+9!
3#47+ 1 6O<!2+ (!8+!8, 65!96%58!655 (#!+9!! "#\$%&' # (&!)9+%!8, #!ABCCDABCA!&7&) # 1 67!2#&%E!!F (%!8, # 1 #!65!G# 3!
H#<60060<5-!&186 1 #42!8+@67!9+%!8, #!58&%8!+9!&!O# 3!8#%1 -!&!O# 3!&7&) # 1 67!2#&%-!@#%, &@5!#?#O!&!O# 3!7&%#%!
9+%!8, +5#!+9!2+ (1O# 3!8+!8#&7, 6O<!+%!8+!8, #!! O6?#%5682E!!/8!65!&45+!8, #!\$#<60060<!+9!&!O# 3!@, &5#!+9!8, #!
: #O8#%!5!6)#O8682!&O!)#?#4+@ 1 #O8-!&O)!3#!&%#!#>768#)!&\$+ (8!8, #!O# 3!+@+@%8 (O686#5!8, #! : ; =!, &5!\$##O!
<6?#O!8+!#O, &O7#!685!3+%K!+9!9+%1 6O<!L!&O)!8%&O59+%1 6O<!L!8#&7, 6O<!&O)!4#&%O6O<!&8!M* I E!!!

!"#\$%"&\$' (%\$)*\$+" , -*./, O#\$+ 1 (2\$ \$, *+\$/ , \$21*\$3*, 2*.4\$

N+%!58&%8#%5-!3#!, &?#!&))!O# 3!1 # 1 \$#%5!8+!8, #! : ; =!7+ 1 1 (O682E!!/O!#&%!2!O (<58-!3#!3#47+ 1 #)! " %E!
P6O&!Q#%25!R9+% 1 #%42!&19&7 (482!1 # 1 \$#%!&8!: %#6<, 8+O!! O6?#%5682S-!&5!+ (%!O# 3!O55658&O8!" 6%#78+%!+9!N&7 (482!
&O)!P%&) (&8#!M8 ()#O8!" #?#4+@ 1 #O8E!!O)686+O&4!2-!" %E!Q6K#!*# 365!RO55+76&8#!. %+9#55+%!6O!: , # 1 658%2S!, &5!!

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\$7/, (88%\$9\$9\$9\$)

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60?68#!2+ (!8+!58+@!60!&O)!5#!#!(5E!!X#!, &?#!&!3, +4#!54&8#!+9!608#%#5860<!3+%K5, +@5!&O)!@%+<%& 1 5!+0!" &.\$
:(88\$; (8*, - (. \$R, 88@[` 78#E54(E#) (`9&4CC#85E@)9\$-!&O)!3#J?#!@ (8!8+<#8, #%!&!3, +4#!2#&%!+9!@%+<%& 1 1 60<!+0!
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#) (7&86+OE!!!

O5!2+ (!%#94#78!+0!8, #!5# 1 #58#%&O)!2#&%!8+!7+ 1 #-!/!60?68#!2+ (!8+!) +!&5!8, #!: #08#%!364!\$#!) +60<[!4++K!\$&7K!
8+!8, #!@&58-!685!4#55+05!&O)!#>@#%#07#5-!5+!8, &8!0# 3!&786+0!65!96% 1 42!%+ +8#) !60!&!) ##@!&3&%#0#55!+9!
7+08#>8!&O)!60! 1 #&060<9(4!5#49D#?&4(&86+OE!!O5!368, !0# 3!\$%&07, #5!+0!&0!+4)!8%##-!3, &8J5!Y0# 3Z!65! (5 (&442!
8, #!%#5(48!+9! 1 &O2!2#&%5J!<%+ 38, E!

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M@&%K60<!: (%+5682!&0)!: +00#78#)0#55!

*20) &!0E!Q+%65+0-! , E" E!RQ+4#7 (4&%!Q67%+\$6+4+<2!&0)!/1 1 (0+4+<2S!

M8()#085!)+0J8!&43&25!7+ 1 #!8+!8, #!96%58!)&2!+9!74&55!368, !8, #!\$%<, 8D#2#)!7 (%+5682!+9!8, #!#?#%2!
2+ (0<E!; , #2!1 &2!3+0) #!%, +3!(0%#&5+0&\$42!1 &02!@&<#5!@#%!06<, 8!8, #2J4!, &?#!8+!%#&)-!+%!3, #8, #%!
8, #2J4!, &?#!8+!568!8, + (<, !\$+%0<!4#78 (%#5E!T+3!) +!3#!8 (%0!+ (%!58()#085J!&88#086+0!9%+ 1 !3+%K4+&)!8+!
@ (%#!7 (%+5682!&0)!608#%#58c!×#!4#&%0!\$#88#%-%!&0)!\$#88#%!2#8!5208, #56W#!&0)!7%#&8#-!3, #0!3#J%#!+@#0!8+!
4#&%060<-!6E#E!3, #0!3#J%#!7 (%+ (5E!!

01 +0<58!&44!8, #!, (%6#)!@%#@&%&86+0!9+%!8, #!5# 1 #58#%J5!58&%8-!@&(5#!&0)!7+056) #%!3, &8!3+(4)!
1 &K#!58()#085!3&08!8+!7+ 1 #!8+!74&55-!&0)!3, &8!%#7+00#785!2+ (!8+!2+ (%!5#05#!+9!3+0) #!&\$+(8!2+ (%!
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F O!8, #!96%58!)&2!+9!8, #!N&4!5# 1 #58#%!CgB!58()#O85!L!1 +5842!9%#5, 1 #O!L!&O)!/!1 ##8!9+%!8, #!96%58!
861 #E!; , 65!96%58!#O7+(O8#%!\$%1 5!368, !#>@#78&86+O!&O)!@+556\$64686#5E!X#!&%#!<+6O<!8+!1 ##8!8, %#!#1861 #5!&!
3##K!&O)!4#&%O!\$6+4+<2!8+<#8, #%!9+%!&!3, +4#!5# 1 #58#%!\$(8!6<, 8!O+3!3#!&%#!58%&O<#%5!8+!#&7, !+8, #%E!
X#!, &?#!2#8!8+!\$#7+ 1 #!&!74&55%++ 1 !7+ 1 1 (0682E!!

/!4#&%O#)!9%+ 1 !1 2!@+58)+78+%&4! 1 #O8+%!&!<++)!5+46)!Y8%67KZ!8, &8!6O?&%6&\$42!1 #485!8, #!67#!&O)!<#85!
(5!&4!8&4K6O<E!F O!8, #!96%58!)&2-!#?##%2!58()#O8!##7#6?#5!&!2#4+ 3!1 &O4&!9+4) #%&!&O)!&!8, 67K!1 &%K#%E!M6 1 @4#!
6O58%(786+O5!CE!3%68#!2+ (%!O& 1 #!%#&442!\$6<!+O!8, #!9+4) #%&R\$6<!#O+ (<, !8, &8!/!7&O!%#&)!68!9%+ 1 !&O23, #%#16O!

; , #!d+ (%O#2!+9!H#<60060<!;

P6O&!Q#%25-! . , E" E!R: #08#%19+%!; #&7, 60<! => 7#44#07#S!

[, 88@\[` 333E>8%&O+%1 &4E7+1 `3&87, `CA\amemb`8, #- U+\(%O#2- +9- \\$#<60060<c46586\)nAeCBBgoo!](#)

: 4&55%++ 1!F 30#%5, 6@!

; , %65860#!X#%O#%-!. O- : -!. , E" E-! " !R. , 25676&O!O55658&O8!)=) (7&86+OS!

| M8 ()#O85!7&O!\$#!?#%2!&O>6+ (5!8, #6%196%58!5# 1 #58#%&!&8!&!O#3!(O6?#%5682-!46K#!M&608!* + (65!| O6?#%5682-! #5@#76&42!3, #O!8, #2!7+ 1 #!9%+ 1!) 699#%#O8!&7&)# 1 67!6O5868 (86+O5!+%!, &?#!\$##O!+ (8!+9!57, ++4!9+%&!3, 64#E! /O!+%)#%18+!\$#88#%!@%#, #!58 ()#O85j!#>@#78&86+O5!+9!&!<6?#O!7+ (%5#!!/!, &?#!)#?#4+@#)!&!O (1 \$#%&+9! 74&55%++ 1 !#>#%765#5!8+!@%+ 1 +8#!k74&55%++ 1 !#>@#78&86+O!&3&%#O#55k!8+!#&5#!8, #!7+O9 (56+O!&O)!6 1 @%+?#| 7+ 1 1 (O67&86+O!) (%6O<!7+ (%5#!) 2O& 1 675E!FO#!#>#%765#!65!8+!, &?#!8, #!58 ()#O85!\$%&6O58+%1 !&O)!7%#&8#! 83+!k; +@!CBk!46585E!FO#!4658!65!+9!58 ()#O8!#>@#78&86+O5!9+%!8, #!9&7 (482!&O)!7+ (%5#-!&O)!8, #!5#7+O)!4658!65!+9! 9&7 (482!#>@#78&86+O5!9+%!8, #!58 ()#O85!) (%6O<!8, #!7+ (%5#E! =>@#78&86+O5!&%#!) #96O#)!&%+ (O)!7+ 1 @+O#O85!+9! 7+ (%5#!9+% 1 &8-!3+%K4+&)-!&556<O 1 #O85-!8, #!#?&4 (&86+O!@%+7#55-!&O)!@%+9#556+O&465 1 -!8+!O& 1 #!&!9#3! #>& 1 @4#5E!Q6) 3&2!&O)!&8!8, #!#O)!+9!8, #!7+ (%5#-!8, #!58 ()#O85!&%#!5 (%?#2#)!+O!8, #6%&+%<6O&4!k; +@!CBk! 46585!8+!&55#55!, +3!3#4!#>@#78&86+O5!3#%#! 1 #8!+%&O+8-!&O)! , &?#!8, #!+@%+8 (O682!8+!@%+?6) #!9##) \$&7K!8+! 6 1 @%+?#!8, #!7+ (%5#E!

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M, +3-!" +0J8!; #44!

Q&%2!_6#<4#%!dE" E!RM7, ++4!+9!*&3S!

/(5#!8, #!96%58!74&55!8+!)657(55!8, #!Y\$6<!@678(%#Z!+9!8, #!7+(%5#E!; , 65!1 #&05!83+!8, 60<5E!N6%58-!/
608%+) (7#!8, #!8+@67!60!&!3&2!8, &8!58()#085!7&0!(0) #58&0)!&0)!%#4&8#!8+!E!/0!1 2!8+%85!74&55-!9+%!#>&1 @4#-!
8, 65!7&0!1 #&0!(560<!4&35(685!60!8, #!0#35-!46K#!7+?#%&<#!+9!8, #!HE!. E!+6!5@64!+%!7#4# \$%682!4&3!5(685E!M#7+0)-!
5, +360<!58()#085!8, #!\$6<!@678(%#!#08&645!)657(5560<!)699#%#08!&%<(1 #085!&\$+(8!3, 2!8, #!4&3!65!8, #!3&2!68!
65E!X, &8!&%#!8, #!4#&)60<!8, #+%6#5!(5#) !8+!#>@4&60!8, #!\$+) 2!+9!4&3!&8!655(#c!X, &8!U(58696#5!4#<&4!
608#%?#086+0!60!8, 65!@&%8!+9!469#c!; , #5#!] (#586+05!9%&1 #!8, #!7+(%5#!&0)!609+%1 !#?#%2!8+@67!8, #!58()#085!
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/0!5, +%8-!/@%#9#%#8+!5, +3!3, &8!65!&8!58&K#!60!8, #!7+(%5#[!3, &8!8, #!1 &U+%!] (#586+05!+9!8, #!7+(%5#!
&%#!&0)!3, 2!8, #!&053#%5!8+!8, +5#!] (#586+05!1 &88#%-\$+8, !60!8, #+%2!&0)!60!%#&4!3+%4)!@%&7867#E!; , #!96%58!
74&55!3+%K5!\$#58!3, #0!/!5, +3!%&8, #%8, &0!8#4!58()#085!3, &8!8, #!<+&45!+9!8, #!7+(%5#!&%#E!

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