! "#\$%&'()*+(,-./+O/12\$./(324+*/4*-*O24(56/*+"(! " # \$%&'('%)*+,-.

/ (&%#0)1%0%02&,#,\$0#))

W3H4'!?#3#3H4&9&)3!2(4#939!(6!+U5X!S7R7!;Y#&*2&?-39!(6!P&2#(32(*(,&29A!%*/!+U5X!R7ZZ!(#! P[\F!R7ZR!(#!P[\F!RK77!(#!P[\F!RK77!(#![YYP!RKJ7!;%--!,&*!:#%/3!UTA!;P%)=]U%-24-49! 2(4#939A&!

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/ 3*##)4(% . *\$)

$$\begin{split} +& E3\#D!2-\%99B!C\&-1:\&E3!-32)4\#39!\%*/!\%9G!D(4!H439)\&(*!C=\&2=!D(4!C\&-!\%*9C3\#!(*!D(4!?=(*3!(\#!-\%?)(?!49\&*:!)=3!\&2-\&2G3\#\$!B@--!:\&E3!D(4!9(,3!3<)\#\%!2\#3/\&)!6(\#!\%*9C3\#\&*:!)=(93!H439)\&(*9\$!F(C3E3\#)!B@/!-\&G3!D(4!)(!4*/3\#9)\%*/!)=\%!)!=3!, \&\&*!O3*36\&!D(4!:3)!6\#(,!\%*9C3\#\&*:!)=(93!H439)\&(*9!\&9!*()!)=3!3<)\#\%!2\#3/\&)!D(4!:3)!6\#(,!\%*9C3\#\&*:!)=(93!H439)\&(*9!\&9!*()!)=3!3<)\#\%!2\#3/\&)!D(4!:3)!6\#(,!\%*9C3\#\&*:!)=(93!H439)\&(*9!\&9!*()!)=3!3<)\#\%!2\#3/\&)!D(4!:3)!6\#(,!\%*9C3\#\&*:!)=(93!H439)\&(*9!\&9!*()!)=3!3<)\#\%!2\#3/\&)!D(4!!=3\%/>!*()!*()!*(!,D!9-\&/39!9(!2(*)3,?-\%)\&*:!))*/!\%))3,?)\&*:!)=(93!H439)\&(*9!\&9!\%!:((/!C\%D!)(!-3\%\#*!,(\#3!\%*/!O3!,(\#3!?\#3?\%\#3/!6(\#!)=3!3<\%,\$!))^{-33!/3})\&-9!(*!\&2-\&2G3\#!\#\%/\&*:!\%*/!=(C!)(!9\&:*!4?!O3-(C\$!!))$$

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= 3#3!C&--!%-9(!03!F(, 3C(#G!;)C(!)D?39!!/43!(*-&*3!%*/!(*!?%?3#A\$!F(, 3C(#G!&9!2#&)&2%-!6(#!D(4!-3%#*&*:!)=3!, %)3#&%-!%*/!/(&*:!C3--!(*!)=3!3<%, 9\$!

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 $\begin{array}{l} Q = D! \& 9! F(, 3C(\#G!9(!\&, ?(\#)\%^*)^!B, \%: \& *3!D(4\#93-6!C\%)2=\& *:!\%!E\&/3(!(6!9(, 3(*3!?-\%D\&^*:!:4\&)\%\#\&)))) \\ Q (4-/!D(4!3<?32)!)(!?\& 2G!4?!\%!:4\&)\%\#!\%*/!O3!\%O-3!)(!?-\%D!\&, 3/\&\%)3-D!\%6)3\#!C\%)2=\& *:!)=3!E\&/3(^!B*)3\#, 3/\&\%)3! P \& 2\#(32(*(, \& 29!\&9!*(!/\& 663\#3*)!6\#(, !?-\%D\&^*:!:4\&)\%\#!D(4!2\%^*@)!3<?32)!)(!933!, 3!9(-E3!))) \\ P \& 2\#(0-3, 9!\%*/!)=3*!O3!\%0-3!)(!\%2)4\%-D!9(-E3!)=3, !(*!)=3!3<\%, 9\&!a49)!-\&G3!C\&)=!)=3!:4\&)\%\#!D(4!\%) \\ & \underline{MO9(-4)3-D!*33/!)(!?\#\%2)\& 23\&!B!G*(C!\&)!\& 9*@)!3\%9D!)(!?\#\%2)\& 23>!O4)!\&)!\& 9!)=3!(*-D!C\%D!)(!:3)!:((/!\%)!\&)\& 9!) \\ P \& 2\#(23)!D(23)$

! + < %, 9! % # 3! = 3! = &:= 39)! 9 = % # 3! (6!) = 3! : # % / 3 > !) = 3 # 3! C &-! 0 3!) C (! P &/) 3 #, ! + < %, 9! % * / ! % ! L & * % - ! + < %, \$!

/ (&%#0) 5 670 ' \$,80#)

D! = 3!3*/!(6!) = 3!2(4#93!D(4!9=(4-/!03!%0-3!)(.!))

bB/3*)&6D! = 3!64*/%, 3*)%-9!(6!, &2#(32(*(, &2!)=3(#Dc!)

 $b + <?-\%\&^*! = (C!2(*94, 3\#9!, \%G3!/32\&9\&(*9!\&^*!)=3!6\%23!(6!92\%\#2\&)D!\%^*/!=(C!)=393!/32\&9\&(*9!E\%\#D!\&^*!)=393!(*9!E\%\#D!\&^*!)=3!32(*(, \&2!3*E\&\#(*, 3*)c!)))$

 $b + <?-\%\&^*! = (C!6\&^{\#}, 9!, \%G3!/32\&9\&(*9!\&^*!) = 3!6\%23!(6!92\%\#2\&)D!\%^*/! = (C!) = 393!/32\&9\&(*9!E\%\#D!\&^*! \\ \#39?(*93!)(!2=\%^*:39!\&^*!) = 3!32(*(,\&2!3*E\&^{\#}(*,3*)c!)) = 3!3(*(,\&2!3*E\&^{\#}(*,3*)c!)) = 3!3(*(,\&2!3*E)(*(,\&2!3*E)) = 3!3(*(,\&2!3*E)) = 3!3(*$

bU(, ?%#3!2(*94, 3#!%*/!?#(/423#!03=%E&(#!#394-)&*:!6#(, !)=3!/&663#3*)!)D?39!(6!, %#G3)!9)#42)4#3\$! b[??-D!%-:30#%&2>!:#%?=&2%-!%*/!2%-24-49!)((-9!)(!, &2#(32(*(, &2!)=3(#D

J e ! [))3*/%*23!&*!W32&)%)&(*! R e !&U-&2G3#! !

iK e !%*/!%0(E3!2(##39?(*/9!)(![>!i7TiS e !2(##39?(*/9!)(![Tc!ZjTZi e !2(##39?(*/9!)(!'k>!ZKTZI e ! &9! '>!Z7TZS e !&9! 'Tc!jjTji e !2(##39?(*/9!)(!Uk>!jKTjI e !&9!U>!j7TjS!&9!UTc!I7 !

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$$\begin{split} & \texttt{W32}(\texttt{W32})($$

B

=3#3!&9!%*!+0((G!6(#!)=&9!2-%99\$!!)

!

 $\begin{array}{l} m \% \# \& \% *>! F \% - ! W \$! B *) 3 \# \ , \ 3 / \& \%) 3 ! P \& 2 \# (32 (* (\ , \& 29 ! C \&) = ! U \% - 24 - 49 . ! [\ ! \ P \ (/ 3 \# * ! [\ ? ? \# (\% 2 = . ! X \& *) = ! + / \&) \& (* \$! \\ Q \ Q \ ! X (\#) (* ! \ n \ ! U (\ , \ ? \% * D > ! S7R I \$! \\ \end{array}$

!

F.2(3)0-37.1 (%)0.9([)-0.27)

C&)=(4)! ?3#, &99&(*!6#(, !%-!2(4#93!&*9)#42)(#9!&*E(-E3/>!%*/!%&/&*:!%2%/3, &2!/&9=(*39)D&![--!&*2&/3*)9!(6!%2%/3, &2!, &92(*/42)!C&-!03!#3?(#)3/!)(!)=3!F(*(#!U(/3!;=(*(#12(-(#%/(\$3/4