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

"!#\$%(!)!%%%%+, (-.!%+-/))%%+, !01-(2%#!3!, /!45!\$-/6%&, '/+#!7.!8)(++'+9!:+',!0\$)(++'+9!:+',5!; (#! \$-/2: &%2!'+!%(-).!<=<=??@%#%!\$)(++'+9!:+',!%+-/))%%+, !\$-/6%&, '/+#!; %-%!&()&:)(,%2!#%\$(-(,%).!A-/\*B! (+2!: #%!(!2'AA%-%+,!\*%,@/2/)/9.!,@(+B!,@%!C())!<=DE!,%+F.%(-!\$-/6%&, '/+#??@%!\$)(++'+9!:+',!%+-/))%%+, !\$-/6%&, '/+#??@%!\$)(++'+9!:+',!%+-/))%%+, !\$-/6%&, '/+#!(-%!A/-!C())!<=<=!,@-/:9@!C())!<=CG??@%!\$)(++'+9!:+',!\$-/6%&, '/+#!:#%2!,@%!A/))/; '+9!2(, (!#/:-8%#!!))

- I%\$,%\*7%-!J=B!<=DE!/AA'&'()!%+-/))\*%+,!&/:+,#!7.!(22-%##!A-/\*!,@%!I,:2%+,! K+A/-\*(,'/+!I.#,%\*!;@'&@!(-%!\*(,&@%2!,/!\$)(++'+9!:+',#!!
- L'#,/-'&()!1,: 2%+,!K+A/-\*(,'/+!1.#,%\*!(22-%##F)%M%)!2(,(B!()#/!\*(,&@%2!,/!&:--%+,!\$)(++'+9! :+',#B!A-/\*!I%\$,%\*7%-!J=!/A!<=DNB!<=DOB!<=DOB!(+2!<=D4!!
- 8)(++'+9!Q+',!7/:+2(-'%#!'+!(!1KI!A/-\*(,B!)(#,!:\$2(,%2!'+!C())!<=DN!!
- L/: #'+9!Q+',!C/-%&(#,!A-/\*!''-)'+9,/+!R/:+,.!1/M%-+\*%+,!0'' R15!A-/\*!I%\$,%\*7%-!<=DE!(+2!:\$2(,%2!; ',@!'' R1!-%#'2%+,'()!&/+#,-:&,'/+!#,(,:#1'+A/-\*(,'/+!A-/\*!S(-&@!<=<=B!#%%!?(7)%!<>!?@'#!2(,(!'+&):2%#!(!,'\*%)'+%!/A!; @%+!-%#'2%+,'()!&/+#,-:&,'/+!\$-/6%&,#!(-%!A/-%&(#,%2!7.!"'R1!,/!7%!&/\*\$)%,%2!(+2!@(7',(7)%!(&@!\$-/6%&,I#!-%#'2%+,'()!,.\$%B!+:\*7%-!/A!+%;!::+',#B!(+2!(AA/-2(7')',.!)%M%)#>?@'#!'+A/-\*(,'/+!@%)\$#!''81!%#,'\*(,%!,@%!+:\*7%-!/A!+%;!:#;,2%+,#!(+2!,@%!.%(-!,@(,!(!9'M%+!@/:#'+9!2%M%)/\$\*%+,!;'))!(22!#,:2%+,#!,/!+%'9@7/-@//2!#&@//)#>!
- I,: 2%+,!1%+%-(,'/+!U(,%#!: #%2!'+!,@%!C())!<=DE!,%+F.%(-!\$-/6%&,'/+#!(+2!\$-/2: &%2!7.!"81! #,(AA!(-%!(\$\$)'%2!,/!,@%!L/: #'+9!Q+',!C/-%&(#,V!#%%!",,(&@\*%+,!R! (,!@,\_\$#HWW;;;)<(\$#M(>: #W; \$F&/+,%+,W:\$)/(2#W<=DEWD<W<=DEFU%\$/-,FC'+()>\$2A>!!X/,%!,@(,! ,@%!R"C!\*:),'FA(\*').!@'9@!-'#%!-(,%IA/-!"-)'+9,/+!1&'%+&%!C/&:#!; (#!+/,!:#%2B!'+#,%(2!(! &/:+,.F; '2%!(M%-(9%!; (#!:#%2!A/-!,@'#!:+',!,.\$%>!
- "&,: ()!U%#'2%+,!Y'M%!Z'-,@#!A-/\*!<=D4!,@-/:9@!<=DE!'#!#/:-&%2!A-/\*!"R1B!; @/!-%&%'M%=D4!,@-/:90.24162'/\$

 $\begin{array}{l} \mathsf{R}/:+,.!\$/\$:)(,'/+!A/-\%\&(\#,\#!(\#!\$(-,!/A!,@\%!R/**:+',.!C(\&')','\%\#!I,:2.B!\\ \#\%\%!@,,\$\#\texttt{HWW}\&/**'\#\#'/+\#>(-)'+9,/+M(>:\#W\&/**:+',.FA(\&')','\%\#F\#,:2.W2/\&:*\%+,\#!A/-!*/-\%!'+A/-*(,'/+>!!)\\ ! \end{array}$ 

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

K+!(22','/+B!'+!%(&@!\$-/6%&,'/+!.%(-B!(##: \*\$,'/+#!\*:#,!7%!\*(2%!(7/:,!A:,:-%!'+&/\*'+9!]'+2%-9(-,%+!

 $C @\% + !+\%; !]' + 2\% - 9(-,\% + !\&/@/-, #!(-\%!())/\&(,\% 2!, /!(!$)(++'+9!: +',!: #'+9!0(5!7'-,@!'+A/-*(,'/+!(+2!\%(\&@! $)(++'+9!: +',I#!: +'a: \%!JF. \%(-!(M\%-(9\%!]'+2\%-9(-,\%+!#@(-\%!(+2!075!,@\%!\%#, '*(,\%!/A!(22','/+()!))))) \\ ]'+2\% - 9(-,\% + !#,: 2\% +, #!A-/*!,@\%!@/: #'+9!: +',!A/-%&(#,B!+/,!())!,@/#\%!$-/6%&,%2!]'+2\% - 9(-,\%+!#,: 2\% +, #!(-\%!))) \\ ]'') .!, /!(,,\% + 2!,@\%'-!+\%'9@7/-@//2!#&@//)>!U(,@\%-B!(!&\% -, ('+!+: *7\%-!/A!$-/6%&,%2!]'+2\% - 9(-,\%+!#,: 2\% +, #!(-\%!)))) \\ ['') .!, /!(,,\% + 2!,@\%'-!+\%'9@7/-@//2!#&@//)>!U(,@-B!(!&\% -, ('+!+: *7\%-!/A!$-/6%&,%2!]'+2\% - 9(-,\%+!#,: 2\% +, #!)))) \\ ['') .!, /!(,,\% + 2!,@\%'-!+\%'9@7/-@//2!#&@//)>!U(,@-B!(!&\% -, ('+!+: *7\%-!/A!$-/6%&,%2!]'+2\% - 9(-,\%+!#,: 2\% +, #!)))) \\ ['') .!, /!(,,\% + 2!,@\%'-!+\%'9@7/-@//2!#&@//)>!U(,@-B!(!&\% -, ('+!+: *7\%-!/A!$-/6\% +, %2!]'+2\% - 9(-,\%+!#,: 2\% +, #!)))) \\ ['') .!, /!(,,\% + 2!,@'') .!, /!(,,\% + 2!(+!\%)) * \% +, (-.!/$, '/+!#&@//)))! ]$ 

 $\begin{array}{l} \texttt{K+1} (@\%!C())! <= <=!\%)\% * \% +, (-.17/: +2(-.!$-/&\%##B!())!7/: +2(-.!#&\% + (-'/#!; '))!7\%!7(#\%2!/+!$-/6\%&,\%2! \\ \%)\% * \% +, (-.!#,: 2\% +, #!)']\%).!, /!(,,\%+2!,@\%'-!+\%'9@7/-@//2!#&@//)!7.!$)(++'+9!: +',#>!\texttt{K+!},@\%!$)(++'+9!: +',! \\ \%+-/)) * \% +,!$-/6\%&,'/+#B! * \%,@/2/)/9.!''$$-/(&@!<!; '))!7\%!: #%2!, /!&()&:)(,\%!,@\%!+: * 7\%-!/A!'+&/*'+9! \\ ]'+2\%-9(-,\%+!#,: 2\% +, #!)']\%).!, /!(,,\%+2!,@\%'-!+\%'9@7/-@//2!#&@//)!7.!$)(++'+9!: +',*?@%-%!'#!(+! \\ (##: * $,'/+!,@(,!%(&@!'+&/*'+9!]'+2\%-9(-,\%+!&/@/-,!'+!<=<=!,@-/:9@!<=<G!; '))!@(M%!4=P!1-(2\%!3! \\ #,: 2\% +, #!; @/!(,,\%+2!(+!/$,'/+!#&@//)??@\%!(##: * $,'/+!/Al,@%!4=P!/$,'/+F#&@//)!#,: 2\% +, !&($(&',.!&/* \%#! \\ A-/*!,@\%!1$-'+9!Q$2(,%!,/!,@%!<=<=F<D!1&@//)!^%(-!0#%%! \(,(!1/:-&\%#!#%&,'/+!(7/M%53?@%!<=<=F<D! \\ 1$-'+9!Q$2(,%B!; @'&@!'#!: #%2!A/-!#, (AA'+9!(+2!7:29\%,'+9!$:-$/#%#!A/-!%(&@!#&@//)!(+2!$-/9-(*B! \\ \%#, '* (,\%#!,@%!A/))/; '+9!+: * 7\%-!/A!3'+2%-9(-,\%+!#,: 2\% +, #!(,!A/))/; '+9!4!#&@//)#!!''-)'+9,/+!?-(2','/+()! \\; ',@!EP!3!#,: 2\% +, #B!R(*$7\%))!; ',@!0<!3!#,: 2\% +, #B!R(-(-* * +,!; ',@!DGG!3!#,: 2\% +, #B!3\%.!; ',@!DGG!3!$ #,: 2% +, #B!(+2!,@%!\$>/+, %##/-'!8:7)'&!1&@//)!/A!''-)'+9,/+!; ',@!A=!3!#,: 2% +, #B!3%.!; ',@!DGG!3!#,: 2% +, #B!(<2#W!\$>/+, ###R(\*\$7%))!; ',@!O<!3!#,: 2% +, #B!R(-(-\* \* +,!; ',@!DGG!3!#,: 2% +, #B!3%.!; ',@!DGG!3!#,: 2% +, #B!(+2!,@%!\$>/+, %##/-'!8:7)'&!1&@//)!/A!''-)'+9,/+!; ',@!A=!3!#,: 2% +, #B!3%.!; ',@!DGG!3!#,: 2% +, #B!(<2#W!\$>/+, ###R(\*\$7%))!; ',@!O<!3!#,: 2% +, #B!R(-(-\* \* +,!; ',@!DGG!3!#,: 2% +, #B!3%.!; ',@!DGG!3!#,: 2% +, #B!(<2#W!\$>/+, ###R(\*)!\*?\*(!&&%##%2!(,!@,,\$#HWW!; ;: >(\$#M(>::#W:\$F $&/+, %+, W:$)/(2#W<=<==F=JEDEF1$-'+9FQ$2(,%F<=<=E!<DdA/-d; %7#',%>$2A}!!!$ 

 $C - / * !\% (\&@!'+\&/ * '+9!]'+2\%-9(-,\%+!\&/@/-,B!,@\%\#\%!4=P!]'+2\%-9(-,\%+!/$,'/+!#\&@//)!#,: 2\%+,#!; \%-\%! \\ \#: 7, - (\&,\%2!7.!$)(++'+9!:+',!,/!(--'M\%!(,!(+!\%\#,'*(,\%!/A!]'+2\%-9(-,\%+!\#,: 2\%+,\#!)']\%).!,/!(,,\%+2!,@\%'-! +\%'9@7/-@//2!\%)% * \%+, (-.!#&@//)!'+!,@%!A:,: -\%!7.!$)(++'+9!:+',!(\&\&/-2'+9!,/!,@\%!#\%)% &,\%2!($$-/(&@!A-/*!,@%!`(,(!U\%M'\%; !$-/&\%##!,@'#!$(#,!#$-'+9!<=<=!0'' $$-/(&@!<5!!!)$ 

• 1%, % 7%-!J=B!<=DE!\$(,, %-+#!A/-!@/; !\* (+.!/\$,'/+!#&@//)!]'+2%-9(-, %+!#,: 2%+, #!-%#'2%2!'+! \$)(++'+9!:+',#!; ',@'+!=>4F\*')%!/A!(+!/\$,'/+!#&@//)!0GD>Pe5!(+2!@/; !\* (+.!-%#'2%2!'+!\$)(++'+9!:+',#! 7%./+2!,@%!=>4F\*')%!,@-%#@/)2!04N>Ge5!; %-%!2%,%-\*'+%2??@%#%!#@(-%#!; %-%!,@%+!(\$\$)'%2!,/!,@%! (##: \*%2!4=P!A: ,:-%!/\$,'/+!#&@//)!#,: 2%+,#>!C',@!,@%#%!#@(-%#!(\$\$)'%2B!,@%!+: \*7%-!/A!(##: \*%2!