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- 13k E6(/7%75%7/9(-MA("\$C7#(=#55+#\$+, (\$9+( /9%7#+(W"D("\$#(6>\$(/>##"B0+(>%( , +#"7B0+( D>%(99+( "6, "e", =70("6( ] =+#\$">6(\$>(7 / /+7%("6(/+##>6("6(\$+%%"\$>?"(=6, +%(\$9+(P=%"#, "<\$">6(>D( \$9+(%+ ] =+#\$"65(K\$7\$+X(B+( , +0+\$+, A(>6(\$9+(5%>=6, (\$97\$(99+(=#+>D("@", +>(0"6U#(C7#(76( + ] =700?(@70", (>/>">6(%7\$9+%(976(7(#<>6, 7%?(0+##(7\$%7<\$"@"< <>/>">6A(\$976(7 / /+7% "65("6( /+##>6k(

- 1Yk E6(/7%75%7/9(12A("\$C7#(=#55+#\$+, (\$97\$(7(D+%+6<+(\$>(7( ] =+#\$"65(K\$7\$+(B+7% "65( 700( 6+<+##7%?( # / +<"70( <>#\$(D>%( \$9+( +I+<=\$">6(>D( \* =\$=70(0+570(7##"#\$76<+A( "6<0=, "65( 9%"65( 76("6\$%+%/%+\$+A( B+( 7, , +, k(E\$( C7#( 70#>( #=#55+#\$+, (\$97\$( 7( /7%75%7/9(>6(D"#<70( \* 7\$%+##A(=#"65(\$9+( /9%7# "65(>D(7%"<0+( 11(>D(\$9+( J>6@+6\$">6(757"6#\$ ( J>%%=/ "\$">6A( B+( 7, , +, k(

- 1Mk S+57%, "65( 6/18%+ 1/(>7" + DT+ 9! "%%7" 0 "\$%+ -8+ 6(, @2%", =A( #+@+%70( , +0+57\$">6#( C+0<> \* +, ( \$9+( "6<0=#">6( >D( \$9+( /%>@"#>6A( C"\$9( #> \* +( 9"590"59\$"65( \$9+( \$C>^#\$/ /7 /%>7<9(>D(#+D+%%"65(\$9+(, "# / =+\$+(\$>(\$9+(E6\$+%67\$">670(J >=%\$(>D(e=#\$"<+(>%)(\$>7%B"\$%7\$">6( "D(6+5>)"7\$">6#(97, (D7"0+, k(E\$( C7#(6>\$+, (\$97\$(99+(, %7D\$(7%"<0+(, , (6>\$("6<0=, +7(\$ \* + (0" \* "\$>6(\$9+(6+5>)"7\$">6#(76, (7(#=#55+#\$">6(C7#( \* 7, +(\$>(#+\$9+0" \* "\$7\$(#I( \* >6\$9#(7#( "6(\$9+( J>6@+6\$">6( . 57"6#\$( J>%%=/ "\$">6(76, (\$9+( 4%576"V+, ( J% \* + ( J>6@+6\$">6k(E\$( C7#( <>6#", +%, +, (\$97\$(#=<9(#\$%=<\$%+(<>=0, (/ %>@", +(D0+I"B"0"\$?(D>%(K\$7\$+##k(

- 1Gk K+@+%70(, +0+57\$">6#( +I / %###+, (\$9+(@"+C(\$97\$(99+( <> \* />#>?"(P=%"#, "<\$">6(>D(\$9+( E6\$+%67\$">670( J>=%\$(>D( e=#\$"<+ ( C>=0, ( B+( \$9+( #)\$>65+#\$( /7\$9( D>%( /%> \* >\$"65( 7<<<=6\$7B"0"\$?(D>%( <" \* +#( 757"6#\$ (9= \* 76"\$?(/76, (D>%( #>0@"65(, "# / =+\$+(<>6<+6"65(\$9+( "6\$+% / %+\$7\$">6(>D(7(D=\$=+( <>6@+6\$">6(>6<" \* +#(757"6#\$ (9= \* 76"\$?k( . 6>\$9+@("C(C7#( +I / %###+, (\$97\$(99+(, %7D\$(7%"<0+(%+D0+<\$+, (7(#\$76, 7%, (, "# / =+\$+(\$+\$\$0+ \* +6\$(<07=#+A("# \* "07%( \$>(\$97\$( <>6\$7"6+, ("6(\$9+( J>6@+6\$">6( . 57"6#\$( J>%%=/ "\$">6(>%)(\$9+( 4%576"V+, ( J% \* + ( J>6@+6\$">6k(K> \* +, +0+57\$">6#(+ \* /97#"V+, (\$9+(%>0+(>D(<>6#+\$6\$("6"6\$+%^K\$7\$+(, "# / =+\$+##k(

- 1:k K> \* +( , +0+57\$">6#(#\$7\$+, (\$97\$(99+(? (, , (6>\$(#=# / />%\$( /7%75%7/9(FA(C9"<9(700>C+, ( K\$7\$+\$( \$>( >/(\$>=\$>D( \$9+(, "# / =+\$+(\$+\$\$0+ \* +6\$ ( \* +<976"# \* A( 7#( "\$ C>=0, ( C+7U+6(\$9+( /%>@"#>6k(E\$(C7#( \* +6\$">6+, (\$97\$(C9"0+(\$9+(\$+I\$(C7#(B7#+, (>6(\$9+( J>6@+6\$">6(757"6#\$ ( J>%%=/ "\$">6A( \$9+( 5%7@"\$?( >D( <" \* +#( 757"6#\$ (9= \* 76"\$? ( \* +% "\$+, ( 7( #)\$>65+%(, "# / =+\$+ ( #+\$\$0+ \* +6\$ ( \* +<976"# \* A( 70>65(\$9+(0"6+##(>D(\$97\$(>D(\$9+( R+6><), + ( J>6@+6\$">6A( C9+%( , "# / =+\$+(\$#9>=0, (B+(#B \* "\$\$+, (\$>(\$9+(E6\$+%67\$">670(J >=%\$(>D(e=#\$"<+&k(

- 1Hk E\$(C7#(6>\$+, (\$97\$(99+( <>6#", +%7\$">6(>D(\$9+( /%>@"#>6(97, (\$>(B+("6(<>6P=6<\$">6(C"\$9( \$9+(, "#<=#">6(>6(C9+\$9+%( %+##+@7\$">6#( \$>(7(D=\$=+( <>6@+6\$">6(C>=0, (B+(700>C+, k( . ( @"+C( C7#( +I / %###+, (\$97\$(99+( />##"B"0"\$?( >D( %+##+@7\$">6#( +6@"#75+, ( "6( /7%75%7/9( F(



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-FYk T>C+@+%k( 7( 6=\* B+%(>D( ,+0+57\$">6#a( C9"0+( %+<>56"V"65( \$9+( /%"6<" /0+( >D( )&)G  
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\$9+( /9%7#+( W700( %+0+@76\$( <>6#",+%7\$">6#X( C7#( "69+%%+6\$0?( @75=+&( K>\*+( ,+0+57\$">6#(  
+I /%+##+,(\$9+("@+C(\$97\$(9+(/7%75%7/9(7,+,,\$>(\$9+("%#U(>D(7B=#+(>D(\$9+(/%"6<"/0+(>D(  
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B7#+, (@>0+6<+(76, (@>0+6<+(757"6#\$(<9"0, %6A(B+"6<0=, +, &(ES(C7#(70#>(#=55+#\$, (\$97\$(%+D+%6<+ #(\$>( C9"#S0+^B0>C+%#( 76, ( /+%#>6#( C"\$9( , "#7B"0"\$"+#( B+( "6<0=, +, &( 4\$9+%( , +0+57\$">6#("6, "<7\$, (\$97\$(9+%(C7#(6>(6++, (\$># / +<"D?(/7%\$"<=07%(<7\$+5>#"+#>D@<"\$ \* # (7#(\$9+(<"\$ \* +#"6(]=+#\$">6(<>6<+%6+, (9= \* 76"\$?(7#(7(C9>0+&((

-YF& . (6+C(#=B/7%75%7/9(+6<>=%75"65(K\$7\$+#(\$>(+#\$7B0"#9(B+#\$( /%7<\$"<+ #(" \* +, (7\$( /%+@+6\$"65(%+^\$%7= \* 7\$"V7\$">6( , =%"65( +@, +6<+( <>00+<\$">6( C7#( #=55+#\$, ( B? ( #> \* + ( , +0+57\$">6#&( ; 9+( " \* />%\$76<+(>D(\$9+(7@7"07B"0"\$?(>D(0+570(7", (\$>(@<"\$ \* # (C7#( \* +6\$">6+, &( ; 9+( #=55+#\$">6( \$>( 7, , %+#( /%7<\$"<70( "##=+#( <>6<+%6"65( @<"\$ \* # ( 76, ( C"\$6+##+##A( +# / +<"700?(<>6<+%6"65(\$9+(07<U(>D(\$%7@+0( , >=< \* +6#(76, (\$9+(6++, (D>%(<>> /+%7\$">6(>D(\$9% , (K\$7\$+#(C9+%(C"\$6+##+##( \* "59\$(B+(0><7\$, A(C7#( \* 7, +&(

-Y3& \ "\$9(%+ # / +<(\$>(/7%75%7/9(1A(7(6= \* B+%(>D( , +0+57\$">6#(#\$+##+, (\$9+( " \* />%\$76<+(>D( +6#=#"65(\$97\$(9+(@>"<+ #(>D(@<"\$ \* # (76, (#=#@>%#(C+%(+9+7%, &( ; 9+(6++, (\$>(7, , %+#( /%><+ , =%70(76, (#=B#\$76\$"@+(7# / +<\$#(>D(\$9+(% "59\$(>D(7<<+##(\$>(P=#\$"<+(C7#(+ \* /97#"\$V+, &( ; 9+(6++, (\$>(%+, =<+(\$9+(B7%"+%#(\$97\$(@<"\$ \* # (76, (#=#@>%#(D7<+(C9+6(#++U"65(P=#\$"<+A( 6>\$7B0? (%+^\$%7= \* 7\$"V7\$">6A(%+ /%#70#A( #"\$5 \* 7( 76, (%+P+<\$">6A( C7#(70#>(+ \* /97#"\$V+, &( . ( #=55+#\$">6( C7#( \* 7, +(\$>("6<0=, +(76(>B0"57\$">6(D>% (K\$7\$+#(\$>(+I7 \* "6+(\$9+(<> \* /07"6\$( " \* /7%\$700?(76, (/ %> \* /\$0?(76, (\$>(700>C(\$9+(/7%\$"+#("6@>0@+, ("6(\$9+(<> \* /07"6\$( \$>(/%+##+6\$( \$9+("%>/"6">6#(76, (>B#+%@7\$">6#(7\$(9+(<"\$ \* "670(\$%"70a("\$(C7#(6>\$+, (\$97\$( "6# / "%7\$">6(D>%(\$+I\$("6(\$97\$(%+57%, (<>=0, (B+( , %7C6(D%> \* (\$9+( )P=B0P767^ ; 9+( T75=+( J>6@+6\$">6&( ; 9+( D0+I"B"0"\$?(5%76\$, (B?(\$9+(/9%7#+(W"6(7<<>%, 76<+(C"\$9(67\$">670(07CX("6(\$9+(/7%75%7/9( C7#(7 / /%+<"7\$, A(76, ("\$(C7#(6>\$+, (\$97\$(9+(<#< / +(>D(7 / /0<7\$">6(>D(/7%75%7/9(1(C7#( C"\$9>=\$ /%+P=, "<+(\$>(7, , "\$">670(>B0"57\$">6#(\$97\$(97, (B++6(+#\$7B0"#9+, (>%( \* "59\$(B+( +#\$7B0"#9+, (=6, +%(+7<9( , > \* +#\$"<(#?#\$+ \* &(

-YY& \ "\$9(%+ # / +<(\$>(/7%75%7/9(Fa(7(6= \* B+%(>D( , +0+57\$">6#(C+0<> \* +, (\$9+( /%>@"#">6&( K+@+%70( , +0+57\$">6#(%+<700+, (\$9+( " \* />%\$76<+(>D(%+ /%7\$">6#(\$>(%+#\$>7\$"@+(P=#\$"<+(76, ( \$9+( /%+@+6\$">6(>D(=9+%(<"\$ \* +&(K+@+%70( , +0+57\$">6#(#= / >%\$+, (\$9+(D0+I"B"0"\$?(5"@+6( \$>(K\$7\$+#(\$>, +\$+% \* "6+(\$9+(7 / /%> /%7\$+(D>% \* (>D(%+ /%7\$">6&(4\$9+%( , +0+57\$">6#(#=55+#\$, ( \* >, "D?"65(\$9+(/7%75%7/9(\$>(700>C(5%+7\$+(D0+I"B"0"\$?(D>% (K\$7\$+#("6( " \* /0+ \* +6\$"65(\$9+( % "59\$( \$>(%+ /%7\$">6(7<<>%, "65(\$>(\$9+("%( , > \* +#\$"<(07C#&(ES(C7#(%+<700+, (\$97\$(9+(0"\$>D( D>% \* #(>D(%+ /%7\$">6("6(\$9+( /%>@"#">6( C7#(6>6^+I97=#\$"@+A(700>C"65(D>%(%+ /%7\$">6#( \$7"0>"6(""+7(6) - 4(#) - 6(\$7) (+) %) - 6(+)"#+" / #+(4 c 1(") 1(, ) +%(6)+"

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