

"!
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\$
JGG\SD\$JGKMS\$,+(-#'.(/O\$12\$E*+(/15*\$WO*+*; *X:\$N(/(+>\$3'12#..1'\$
<#9*'/&#+/\$12\$3.0)"1=1>0\$\$

JGG\SD\$JGKLS\$,+(-#'.(/O\$12\$]*./C1+; 1+\$W , RX:\$I#+(1'\$N(/(+>\$H#=#1 ^V\$N(/(+>\$3'12#..1'\$
O#+/'#\$21'\$_*''*/(-#\$Y#.#*')"\$WO_YX\$
\$ \$ \$ \$\$\$\$\$I)"11=\$12\$I1)(*=\$I)(#+)#?E#;(*\$*+;\$O8=/8'*\$=I/8;(#.\$

JGGLSD\$JGKTS\$,+(-#'.(/O\$12\$E(=*+\$U()1))*\$WS/*-OX:\$3'12#..1'(*=\$E#&5#'12\$A'*; 8*/#\$H*)8=/O\$
I)"11=\$12\$A'*; 8*/#\$I/8;(#.\$(+\$/''#\$@8&*+\$I)(#+)#.\$
WI)81=*\$;(\$<1//1'*/1\$(+\$I)(#+Z#\$, &*+X\$\$

JGGJSD\$JGGBS\$!"#\$_#^\$I)"11=?\$_#^\$`1'6\$O(/O\$W , I%X:\$N(/(+>\$3'12#..1'\$
3.0)"1=1>0\$<#9*'/&#+/\$\$\$
O'1..D*991(+/#; a\$]8>#+#\$C*+>\$O1=#>#?\$3.0)"1=1>0\$O1+)+#+'/(1+?*\$+;\$C(/#'/8'#\$
*+;\$O8=/8'#\$O1+)+#+'/(1+\$

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JGJK\$]'+./\$]:\$U1#.)"\$3'(Z#\$12\$/ "#\$I1)(#/O\$21'\$O8=/8'*\$-3.0)"1=1>0\$A#.##=.)"*2/\$2b'\$R8=/8'D
9.0)"1=1>(#\$

JGKM\$\$\$ H#=1 ^?\$](+./#(+O#+/#'\$O''1+1(\$WH'##\$, +(-#'./O\$U#q(0\$20850.24,0.639.84\$C#-BT -0.001 42 19
V\$I/(2/8+>\$3'#8c(.)"#'\$R8=/8'5#.(/Z\$E *QD3=*+)6DS+./(8/#\$21'\$

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JGKLS\$JGKB\$\$ N(./(>\$3'12#..1':\$ I8&&#'\$ I)"11=?\$ I)"11=\$12\$ I1)(*=\$ I)(#+)#.\$*+;\$ @8&*+/(#.\$*+;\$ I)"11=\$12\$C*+>8*=>#?#! '*+.=/(1+\$*+;\$C(/#*'0\$I/8;(#.? , +(-#'.(/0\$12\$!*&9#'#?H(+=\$*+;\$ WH*=\$.#..(1+\$JGKL?\$I9'(+=\$.#..(1+\$JGKB?\$I8&&#'\$.#..(1+\$JGKBX\$

JGKJ\$ N(./(>\$3'12#..1':\$! "#\$I^#;(. "\$O#+/#\$21'\$E#&1'0\$*+;\$<#&#+/(*\$Y#.#*')"\$SV\$<#9*'/D &#+/12\$E#;(*)=\$*+;\$@#*="/\$I)(#+)#.\$C(+619(+=\$, +(-#'.(/0?\$I^#;#+\$WH*=\$.#&#./#'\$X\$

JGGF\$ E*'(#\$O8'(#\$ I#+(1'\$Y#.#*')"\$H#=#1^:\$]8'19#*+\$, +(1+\$Y#.#*')"\$3'1>'*&\$iE#&1'0V\$ E#&1('i\$*/"/#\$, +(-#'.(/0\$12\$I"#22(=#;\$, R\$WH*=\$.#&#./#'\$X\$

JGG\ \$ I#+(1'\$N(./(>\$H#=#1^:\$<#9*'/&#+/12\$I11)(*=\$%+/"'191=1>0?\$, +(-#'.(/0\$12\$O* &5'(>#? \$, R\$W I9'(+=\$/# '&X\$

JGGBS\$JGG[\$ Y#.#*')"\$H#=#1^:\$O#+/#\$21'\$Y#.#*')"\$1+\$O8=/8'#?<#-#-19&#+/?*\$;\$] ;8)*/(1+j\$I/(+D '*';/I)"11=\$12\$O8=/8'#? \$] ;8)*/(1+?*\$;\$ @8&*+<#-#-19&#+/? \$ _#^\$ ` 1'6\$, +(-#'.(/0\$ W I9'(+=\$.#..(1+.X\$

JGGB\$ N(./(>\$3'12#..1':\$\$+/#';(.)9=(+*'0\$A*';8*/#I)"11=\$12\$O1&&8+()*/(1+\$I/8;(#.? , +(D -#'.(/0\$12\$C(+619(+>?\$I^#;#+\$WH*=\$.#&#./#'\$X\$

KMMMS\$JGGG\$ N(./(>\$3'12#..1':\$, +(-#'.(/0\$12\$U*'.(=\$*W , +UX?\$S+./(/8/#\$12\$3.0)"1=1>0\$W%)*;#&())\$ O#*\$X\$

KMMMS\$JGGL\$ %..1)(*#;\$ I#+(1'\$Y#.#*')"\$H#=#1^:\$O#+/#\$21'\$/"#I/8;0\$12\$O8=/8'#?P '*=(/0?\$S&*>#0'\$

%!
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Rf"-#'\$O#+'/'\$12\$I1)(1)8-/8'*=3.0)"1=1>0\$*+;\$@(.1'()*=-%+/'"191=1>0h\$Y8""\$, +(-#'D
./(\$U1)"8&?\$A#'&*+0\$

JGKB\$ A'*+/?\$!"#\$, +(-#'./(\$12\$!*&9#'#n.\$WH(+=*+;XSS+/'+'/(1+*-\$Y#.#*'))"\$3'1>'*&\$

JGKB\$\$ A'*+/?\$E#=#1+\$H18+;*/(1+?\$_#^\$`1'6\$

JGKJ\$ A'*+/?\$!"#\$I)(#+)#?@\$8&*+/(#.\$I1)(*-\$I)(#+)#.\$?*\$+;\$E#;(*-\$Y#.#*'))"\$H18+;*/(1+\$12\$
/"#\$U*+6\$12\$I^#;#+\$!#')#+/#+*'\$O\$H18+;*/(1+?\$I/1)6"1=&\$WI^#;#+X\$

JGGMSD\$JGKK\$\$ A'*+/?\$!"#\$E*+/(15*\$@#*-'/"\$Y#.#*'))"\$H18+;*/(1+?\$o(++(9#>\$WO*+*;X\$

JGG[\$D\$JGGM\$ A'*+/?\$!"#\$I1)(*-\$I)(#+)#.\$?*\$+;\$@8&*+/(#.\$Y#.#*'))"\$O18+)(=\$12\$O*+*;*\$P//^*\$WO*+D
*;*X\$

JGGF\$ A'*+/?\$!"#\$]8'19#*+;\$, +(1+p.\$Y#.#*'))"\$H8+;.\$E*'(#\$O8'(#?\$U'8..#-.\$WE*'(#\$O8'(#\$I#+D
(1'\$Y#.#*'))"\$H#=#1^."(9X\$21'\$Y#.#*'))"\$3'14#)/\$*/\$/"#\$, +(-#'./(\$12\$I"#22(#=;\$W, RXX\$

JGG\\$\$ A'*+/?\$S/*=(*+\$_*/(1+*-\$Y#.#*'))"\$O18+)(=\$WO_YX\$21'\$*\$Y#.#*'))"\$3'14#)/\$*/\$/"#\$<#9*'/D
&#+/12\$I1)(*-\$%+/'"191=1>0\$*, +(-#'./(\$12\$O*&5'(>#SW, RXX\$

JGGB\$ A'*+/?\$_#^\$`1'6\$, +(-#'./(\$Y#.#*'))"\$O"*=#+>#H8+;\$WY#.#*'))"\$9'14#)/\$*/\$/"#\$<#9*'/D
&#+/12\$%99=(#;\$3.0)"1=1>0?\$_#^\$`1'6\$, +(-#'./(\$OX\$

JGGB\$\$ A'*+/?\$!"#\$I^#;(. "\$_*/(1+*-\$O18+)(=\$21'\$I1)(*-\$Y#.#*'))"\$*+;\$o1'6(+>\$C(2#?\$I/1)6D
"1=&\$WI^#;#+X\$

JGKSD\$JGGJ\$ A'*+/?\$!"#\$A#&*+\$_*/(1+*-\$Y#.#*'))"\$%>#+)O\$W<HAXS\$A#&*+SH1'#(>+\$P22()#\$I9#)(*-\$
H8+;.\$?U1++?21'\$Y#.#*'))"\$\$(+\$U'*Z(=\$WA#&*+OX\$

KMMMS A'*+/?\$_*/(1+*=\$U'*Z(=\$+Y#.#*'))"\$O18+)(=\$WO_3qX?\$U'*.\$(=\$WU'*Z(=\$X\$

KMM[\$D\$KMMMS H#=#1^."(9?\$!"#\$_1'/'"19\$H'0#O#+'/'#?\$N()/1'(*\$, +(-#'./(\$!1'1+1V, +(-#'./(\$12\$!1D
'1+1\$W%)*;#&(\$O#*\$KMM[DMMX\$

KMM\SD\$KMM[\$ A'*+/?\$!"#\$O*+*;*\$O18+)(=\$21'\$/'#%'/.\$P//*8.31439.84cmBT-0.0, +M[

&!
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KMMTSD\$KMMB\$\$ A'*/?O1+.(>=(1\$ _*Z(1+*#;\$Y(#')*\$WO_YX?Y1&#g_*/(1+*-\$Y#.##')"\$O18+)(=\$12\$ S/*-Oh\$21'\$*\$'#.##')"\$9'14#)/\$*/\$!"#\$,+(-#'.(/(#.12\$!8'(+*\$+;\$H=1'#+)#SWS/*=OX\$

KMMGSD\$KMMK\$ A'*/?!"#\$%8./'(*+\$E(+./'O\$21'\$I)(#+)#*\$+;\$Y#.##')"\$N(#++*?*\$+;\$!"#\$A#&*+\$S+D /#'+*/(1+*-\$%)*;#&()\$]Q)"*+>#I#'-()#W<%%<X?U1++\$

\$

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JGJT\$\$ o 1'6."19:\$S+/#'+*/(1+*=\$O1+2#'#+)#;\$;+66+*4\$#!A+**#6-!BCBD?S ,+(-#'.(/O\$12\$!*&9#'#?S H(+=\$+;\$Wd8+#X!

JGJJ\$ C#)/8'#\$ r \$I#&(+*':\$Y8"\$,+(-#'.(/O\$U1)"8&?A#&*+O\$W_1-#&5#'X\$

JGJJ\$ I8&&#'\$O18'.#:\$E*.*'06\$,+(-#'.(/O\$U'+1?H*)8=O\$12\$%'/.\$?OZ#)"\$Y#985=()\$WI#9/#&D 5#'X\$

JGJG\$ R1.#=#)6\$I#&(+*'\$1+\$ "4+/O6&)4/! ;+66+*%&I.?\$,+(-#'.(/O\$12\$H'#(58'>v<#8/.)"\$H1'D .)"8+>.>#&#(+.)"*2/\$W<HAX\$gA#&*+\$Y#.##')"\$H18+;*/(1+h\$WH#5'8*'OX\$

JGKMS I#&(+*':\$Y#.##')"\$>'189\$94*#6+*56#?2!3&I)4*4&)2!E(&*4&)-2\$,+(-#'.(/O\$12\$P.=1?\$_1'^*O\$ WP)/15#'X\$

JGK\\$ E*./#'\$O=-...\$,+(-#'.(/O\$12\$E8.)\$*+;\$3#21'&(+\$>\$%'/.\$E8+()?"\$A#&*+O\$W<#)#&5#'X\$

JGK\\$ I8&&#'\$O18'.#:\$;+66+*4\$#!>*5?4#-\$SWIS_IX?\$,+(-#'.(/O\$%*'8.?\$<#&*6\$W%8>8./X\$

JGK\\$ o 1'6."19:\$!"#\$O#+'#21'\$C*+>8*#?<(.)18'.#*\$+;\$O1&&8+()*/(1+?\$R(+>n.\$O1=#>#S C1+;1+?\$ r \$!"#\$O#+'#21'\$_*'*/(-#Y#.##')"\$? ,+(-#'.(/O\$12\$]*.\$C1+;1+?\$WH#5'8*'OX\$

JGKB\$ r \$JGK\\$

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]9(/#&1=1>0\$*+; \$@#/).SW<(9*/(&#+/1\$; (\$]9(/#&1=1>(*\$#; \$] '/()*\$; #=#*
H1'&*Z(1+#Xh\$W I9'(+>\$ I#&#.#' .?*\$++8*=0XS

JGKJ\$ C#)/8'# \$O18'.#;\$, +(-#'.(/O\$12\$ C(+6f9(+>\$ V\$ I/1)6"1=&? \$ <#9*/&#+/ \$12\$ E#;()*=\$*+;\$
@#*-'\$I)(#+#.?\$ I ^#; #+\$WH*=\$.#&#.#'XS

JGKJ\$ o 1'6."19:\$! "#%&#'() * + \$, +(-#'.(/O\$12\$3*(. \$ r \$! "#\$, +(-#'.(/O\$12\$3*(. \$ < ; #'1/D3*(. \$
F? \$3'#DO1+2#'#+)# \$ o 1'6."19? \$S+/#'+*/(1+*=\$O1+2#'#+)# \$ s_ *'*/(-# \$ E * / #' . t \$ W E * O X \$

JGKJ\$ o 1'6."19:\$, +(-#'.(/O\$12\$C1+; 1+? \$ _*/(1+*=\$O#+'# \$21'\$Y#.#*') "\$ E #/"1 ; . \$V\$S+./(/8/#\$12\$
] ; 8)*/(1+? \$ s_ 1 -#=#* t \$ E #/"1 ; 1=1>0\$9'1>* &# \$ 12\$/"# \$]) 1+1&()*\$*+; \$ I1)(*=\$ I)(#+)# \$
Y#.#*') "\$O18+)(=\$12\$A'#*\$/U'/*(+ \$W ^/"\$ E *'(*\$S: \$ E #; -#; X\$W E *') "\$X\$

JGKK\$ I#&(+*':\$, +(-#'.(/O\$12\$! */8? \$, +(-#'.(/O\$12\$! *=(+? \$*+; \$/"# \$] . /1(+*+\$%) * ; #&O\$12\$% ' / . ?
] . /1(+*+\$O#+'# \$12\$] Q)#=#+)# \$(+\$O8=8'*=\$! "#1'O? \$.91+.1'#; \$50\$/"# \$] , \$Y#.#*') "\$3'1D
>* &# ? \$U'8. .#=\$. \$Wd*+8* 'OVH#5'8* 'O\$JGKKX\$

JGKG\$ C#)/8'#. \$ r \$ o 1'6."19:\$O(/O\$, +(-#'.(/O\$12\$ _#^\$ ` 1'6? \$A' * ; 8*/# \$O#+'# \$W O , _ ` X\$W %9' (=X\$

JGKG\$ I#&(+*':\$, +(-#'.(/O\$12\$O*=>* 'O? \$ <#9*/&#+/ \$12\$3.0)"1=1>0\$W E *') "\$X\$

JGG[\$ I#&(+*':\$Y8"D , +(-#'.(/O\$U1)"8&? \$Y#.#*') "\$I)"11=\$@8&*+(/(#.\$*+; \$I1)(*=\$ I)(#+)#.\$
W o (+/#'\$.#&#.#'XS

JGG[\$ I#&(+*':\$, +(-#'.(/O\$12\$! 8'(+? \$ <#9*/&#+/ \$12\$ I1)(*=\$ I)(#+)#.\$SW<(9*/(&#+/1\$; (\$I)(#+Z# \$
I1)(*=\$X\$W I9'(+>\$.#&#.#'XS

JGGF\$ C#)/8'# \$ r \$ o 1'6."19:\$_*/(1+*=\$O#+'# \$21'\$Y#.#*') "\$ E #/"1 ; . \$12\$/"# \$]) 1+1&()*\$*+; \$ I1D
(*=\$Y#.#*') "\$O18+)(=\$W] IYOX\$12\$A'#*\$/U'/*(+? \$, +(-#'.(/O\$12\$ I18/" * &9/1+\$W I9'(+>\$.#D
&#.#'XS

JGGF\$ C#)/8'# \$ r \$ o 1'6."19:\$_*/(1+*=\$O#+'# \$21'\$Y#.#*') "\$ E #/"1 ; . \$12\$/"# \$]) 1+1&()*\$*+; \$ I1D
(*=\$Y#.#*') "\$O18+)(=\$W] IYOX\$12\$A'#*\$/U'/*(+? \$, +(-#'.(/O\$12\$] * . / \$ C1+; 1+\$W I9'(+>\$.#D
&#.#'XS

JGGF\$ C#)/8'# \$O18'.#;\$, +(-#'.(/O\$12\$ I "#22(#=; ? \$SOP I I \$O#+'# \$12\$/"# \$ I1)(*=\$ I)(#+)#.\$*+; \$ <#D
9*/&#+/ \$12\$S+21'&*/(1+\$ I/8; (#.\$W I9'(+>\$.#&#.#'XS

JGG\\$ o 1'6."19:\$

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JGGGS I#&(+*':\$, +(-#'./(/(#.\$12\$O1=1>+##?U1++?*\$+;\$%*)"#+\$WY o !@X?\$d1(+/\$Y#.#*')"\$3'14#)/\$ O#+/#'\$gIHUh\$ A#?4+!+)?!35%*56+%/! 3 & ((5)4/+*4&)\$12\$/"#\$A#&*+\$ _*/(1+*=\$Y#.#*')"\$ %>#+)O\$g<HAh?%; - *+)\$; \$O18' .#a\$=#/O)4F5#-!&8!G#(# (H#64)I\$Wd8+#X\$

KMMMS C#)/8'#\$O18' .# \$ r \$.#&(+*':\$, +(-#'./(/O\$12\$U* .(=*\$W , +UX?\$U*Z(=?\$+./(/8/#\$12\$3.0)"1=D 1>O\$*+;\$S+./(/8/#\$12\$%+/"'191=1>O\$WH*=\$I#&#.#'X\$

KMMMS o 1'6."19:\$, +(-#'./(/O\$12\$O*&9(+*'. \$I*1\$3u8=1?U*Z(=?\$<#9*'/&#+\$12\$] ; 8)*/(1+\$WH*=\$ I#&#.#'X\$

KMMBS\$JGGGS C#)/8'#.\$ r \$ I#&(+*':\$. :\$O*/'1=())\$, +(-#'./(/O\$12\$ E(=*+\$W , +(-#'./(/m\$O*/'1=())*\$;#=\$I*)'1\$ O81'#X?<#9*'/&#+\$12\$3.0)"1=1>O\$WH*=\$.#&#.#' . \$KMMBS*+;\$KMM j\$KMMFDJGGGS.9'(+>\$ I#&#.#' .X\$

KMM\\$ C#)/8'#.\$ r \$ I#&(+*':\$, +(-#'./(/O\$12\$N(#++*?S+./(/8/#\$21'\$!"#1'O\$*+;\$I1)(*=\$I/8;(#.\$12\$ I)(#+)#\$WI8&&#'\$.#&#.#'X\$

KMMBS\$ C#)/8'#?\$ I#&(+*':\$ r \$ o 1'6."19:\$ o #./9"*=(*+\$O=(+())\$21'\$3.0)"(*'/O\$ _#8'1=1>O\$3.0D)"1.1&*/(?)\$*+;\$S+/#'+*=\$E#;()(+:#.\$Ab/#' .=1"\$A#&*+O\$Wd8+#X\$

KMML\$JGGJ\$ o 1'6."19.\$^(/"\$3"0.()(*+.\$3.0)"1=1>(/.\$?*\$+;\$3.0)"1/"#'*9(/.\$? , +(-#'./(/O\$@1.9(/*=\$ S++.\$5'8)6\$W%++8*=\$O\$P)/15#\$KMLDGM?\$d8+#\$JGGGDJX\$

KMML\$ I#&(+*':\$, +(-#'./(/O\$12\$A#+#-*\$KL/"\$% ; - *+)\$; \$O18' .# \$12\$/"#\$d#*+\$3(*>#/\$%)")(-.#.\$ WI#9/#&5#X\$

KMMJ\$KMM\\$, +(-#'./(/O\$12\$PQ21';?3"(=1.19"O\$O#+'#

C#)/8'#\$O=* .#.a!

)*+,+.)/*0!122"3!! 4567895:-. !;7!<+, =5+>+9>!

?+9@8/:08>!)/*0!122"3!! 4567895:-. !;7!<+, =5+>+9>!

)*+,+.)/*0!122"3!! 4567895:-. !;7!A@+: ;>B@.C!4;9+8:14-5D+>C!8, D!A>40 1Tf(\$Q@ .3T420 0 . 0 0 69=>)-1(.3T

JGKTS\$ O1D1'>*(Z#'!\$I#6/A)!>. (' &-4+!&8!; +66+*4\$#!A#?4/4)#2!U#'=(\$, +(-#'./v/.&#;(Z(+O"*'(/w\$
Wd1(+/\$E#;())*=\$I)"11-\$12\$H'##\$, +(-#'./O\$U#'=(\$*+;\$@8&51=;/\$, +(-#'./O\$U#'=(\$X!

"F1#3! "##\$#%&'(!#)*!+,&)&+#,!-\$#+%&+(!
"F1\$3!./%(\$!O(!I\$#&!&)&23\$45!"##\$#%&'(!#)*!3)*(\$6%#)*&7!
"F1%3!"##\$#%&'(!-\$6-(+&'6!
"F1&3!8(\$69);+(%)\$(*!;(*&+&)(!#)*!)##\$#%&'(!8\$#<&6!
"F1'3!=9*4!)##\$#%&'6!
"F1(3!>#)73#7(!#)*!3)*(\$6%#)*&7!
"F123!;(%#-09\$6!&!);(*&+&)(!
"F""3!"##\$#%&'6!&!);(*&+&)(5!=(%?((!/#+!%#)*!&+&9!)!
"F"#3!@%9\$&(6!/\$9A!%O(!B(#,%O!C#\$(!@46%(A6!

JGGFSD\$JGKTS\$ E#&5#"\$12\$/ "#C*+>8*>#?@\$@#*="/"?\$*+;\$S=+#..\$Y#.#*')"\$A'189\$*/"\$#\$, +(-#'./O\$12\$E*+D
(/15*?<#9*'/&#+/\$12\$3.0)"1=1>O\$W o(+(9#>?O*+*; *X\$

KMM[

1F!
!

3*(.SW , +(-#'.(/w\$3*(.(\$<#.)*)/#.SV\$I1'51++#\$3*(.(\$O(/wXS
Y1&#SW , +(-#'.(/m\$;(\$Y1&*sC*I*9(#+Z*tXS
!1'1+/1SW , +(-#'.(/O\$12\$!1'1+/1j\$P+/*'(1SS+./(/8/#\$21'\$I/8;(#.\$(+)\$] ; 8)*/(1+XS\$
!8'(+SW , +(-#'.(/m\$;(\$!1'(+1XS
o(++(9#>SW , +(-#'.(/O\$12\$E*+(/15*XS
o1')#./#?'\$E*..:SWO=*'6\$, +(-#'.(/OX\$

"#\$%&'(!'&)*##+!, -%.-/!*#'%)!0-01-%!!

J5*&LI4&I6+ '0.<!J)!:-)*#6)+*4&)+%!(+)?!:) *#6?4-/4 '%4)+6.!M&56)+%N!I*>#?\$, R\$WJGGJDJGGFX\$
J5*&H4&I6+84#N!G4/#6/O#2!'6+*4/O#2!#- '#64#)0#:\$E(&#.(.?\$E(=*+?SS/*=O\$WJGKMD\$X\$
3&>A &!7!3 & (' +6+*4\$#!>*5?4#-!4)!A &?#6)4- (!L!G4\$4-*+! ?#%! 3#) *6&!>*5?4!J6*4! ?#%+! A &?#6)4*P!
gd18'+*=\$12\$/''#SO#+/'#\$21'\$I/8;(#.\$1+\$/''#\$%'/.\$12\$E 1;#'+(.&h:\$, +(-#'.(/O\$12\$!8'(+?SS/*=O\$
WJGK\DSX\$
36#-/#)?&!gQ6&@4)I!5'h\$WU116\$.#(#.X:\$] ;(Z(1+(\$d8+(1'?\$U# '>* &1?SS/*=O\$WJGKTDX:\$
/5%*56+!R!' -./OS<!M&56)+%!.&8!35%*56+%/ , -./O%&I.N!

- ./ \$01#2(31+#.4(56*,#6+*\$16+&!167,#,6%, *The a ie ie ofna a i e medicine*,(8169
.16(: ;\$6<=0(!1&&<,(816.164(>"#?+ '@6\$/ ,#0\$*24(A#\$6\$*2(!1&&<,(>"B&\$6(+6.(?*,(
C12+&!1&&<,(17(D"#<,160(17(5#,&+6.E(:FGFH9EI((\$
%; -(.1'O\$U1*';?\$3#)*6#!8&6!; +66+*\$4\$#!G#-#+6/O'\$, +(-#'.(/O\$12\$]*./C1+;1+?\$, R\$WJGGFDJGJKX:\$
%; -(.1'O\$U1*';?\$_#8#\$A#.#=.)"*2/\$2b'\$3.0)"1=1>(#\$g_#^\$%..1)(*/(1+\$12\$3.0)"1=1>0

1"!
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#=6+)-8#6-N!M&56)+%!8&6!94*#6+6.!+)?!35%*56+%/>*5?4#-N!:)ate)+*4&)+%/3#)*6#!8&6!*0#!>*5?!.!&8!
35%*56#!+*!c5##)!A+6.2!,+(-#'./(0\$12\$C1+;1+?! , R

1#!
!

E56&'#+)!>/4#)#!_&5)?+*4&!)]E>_^\

Q#6(+)!J/+?#(4!/E`/0+)1#!>#6\$4/#!]"JJ"^\

1\$!
!

!

(

GH I ; ; J>!8, D! ? ; , ; =*8B@>!!!!B!!1\$!
GGH KD+ /D!L ; ; 5 0 />! ; 7!4B/9+8;!G>>5/>!!!!B!!1%!
GGH M, ; +, /!N+D/ ; >!8, D!B ; D98>>!!!!B!!1%!
GLH A8B/*>!8, D!E@8B-/*>!!!!B!!1&!
LH O / . , ; ; -/>C!G, N+ /D!) 8: J>!8, D!PDD*/>>/>!Q4/:/9+ ; , !> +, 9/!122\$R!!!B!!#\$!
LGH!! A*/>/, -8+ ; , >!8-!E ; , 7/*/, 9/>!8, D!P98D/ 0+9! ? //+, =>!!!!B!!\$%(

!

!

U'1)6&#(#'?'\$d#+. \$WJGJJ\$35\$*+ ; \$U116X:\$E60g0%#)!+%-!9#H#)-8&6 (\$g_ *''*/(-#\$* . \$21' &\$12\$(2#h:\$A(#c#+a\$
3.0)" 1.1Z(*=\$N#'=*>:\$

U'1)6&#(#'?'\$d#+. \$WJGKB\$@5\$*+ ; \$U116j

1%!
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A(1';*+1\$U'8+1a\$]9(./#&1=1>0\$*+;\$9"(=1.19"0\$12\$+*/8'#\$(+\$Y#+*(..*+)#\$&*/#'(=(.&h:\$H'*+6D
28'/\$r\$_#^\$`1'6a\$O*&98.\$N#'=*>:\$

U'1)6&#(#'?d#+.SW];:\$1+\$5#"*=2\$12\$/"# \$ o b'//#&5#'>(.)"# \$I/*/#z.\$!"#*/#'\$I/8//>*' /X:\$WKMFMX:\$f6'O#5-!7!
A+*#64+%4#):\$I/8//>*' /a\$ o b'//#&5#'>(.)"# \$I/*/#z.\$!"#*/#':\$

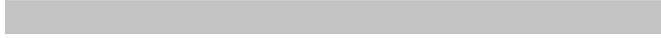
U'1)6&#(#'?d#+.SW];:\$X\$WKMF\X:\$T+)-!W#6)#6!T#)0#<!A5-4U!5)?!,&%4*4U2!>/0648*#)!5)?!Q#-'6g/0#!ijkk7
ijnk!gE8.()\$*+;\$91=(/().a\$O1=#)/#;\$^'(/(+>.\$*+;\$)1+-#'.*/(1+.\$KMBBDKMFbH!E8+()"a\$<#8/.)"# '\$
!*.)"#+58)"\$N#'=*>:\$

, I\$#;(/(1+\$WKM[JXa!T+)-!W#6)#6!T#)0#<!A5-4/!+)?!'&%4*/-<!3&%#/#*#?!

1&
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, 6&16+ (!H&&U%#*\$P)/15#\$T?\$JGKB?\$U#'=(\$9'#&(#'\$50\$/'#R1+Z#/'"*8.\$P')"#./'*\$*/\$R1+Z#/'"*8.\$U#D
=(+:\$gY#- (.#;\$*+;\$#Q/#+;#;\$-#' .(1+\$12\$/'#\$JGKL\$#..*0h:\$

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Wd#+.\$U'1)6&#(#'\$*+;\$@*+*\$E#'/14*X:\$, +;#'./*+;(+>\$+*'*/(-#\$"'#&#+#8/().N!/>*6. @&6%?-<!J!M&567
)+%!8&6! ; +66+*4\$#!I/8; (#.\$sWJX?\$KDJF:\$

_ *'*/(-#\$*.\$)8=8'*-\$9'*)/()#:\$S+\$O:\$C#8+>\$*+;\$U:\$I/'##/\$W] ; .:X?\$=0#\$G&5%#?1#!3 & ('+')4&)!*&!E)I%4-0!
9+)15+I#!>*5?4#-\$W99:\$TTTTLTX:\$C1+; 1+a\$Y18/=#;>#:\$

WN#'1+()*\$P'+*>"(?d#+.\$U'1)6&#(#'\$*+;\$S=*'(*A '*ZZ*+(X:\$] +"*+)(+>\$.1)(*=\$)1>+/(1+\$50\$/'*(+>\$

"1!
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WC8(>(*\$I(&1+*\$I())*\$d#+.\$U'1)6&#(#'?\$ r \$C*8'*\$%=#+(I#./(/1X:\$C*\$)1./'8Z(1+#\$;#=#n(;#+/(/*n\$+'*'/(-*\$
+#=#\$/'+*(.Z(1+(\$5(1>'*2(" # \$+1' &*'/(-# \$ \$+1+\$+1' &*'/(-# \$ % +*=(. (\$;#=#\$. /'8//8'*\$/#&91'*\$=#\$g_ *''*/(-# \$
(;#+/(/O\$)1+./'8)/(1+\$(\$+1' &*'/(-# \$ *+; \$+1+\$+1' &*'/(-# \$ 5(1>'*9")*=\$/'*+./(/1+.h.\$, -4/&%&I4+!-/&%+ - *4/+2!
j\$WKX?\$KBDTF:\$

! "#\$*8/15(1>'*9")*=\$>=*+)#:\$S+\$=0#! iB*O! A5)4/O! I4#))+%#!7!:))#6)+*4&)+%! _#- *4\$+%!8&6!3 &)#*# (' &6+6.!
f '#6+!+)? ! A5-4!/ =0#+*#62! J'64%7A+ .!BCiC? \$3'1>'* &\$U116\$W99:\$TGD TBX:\$ E8+()"a\$ E8+()"\$U(#++*#=\$
%9'(-)E *O\$JGKG:\$

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; << @!

Wd#+.\$U'1)6&#(#'\$*+; \$<*-(;\$Y:\$P=.1+X:\$! "#\$-(#'*)O\$#9(./#&#a\$H'1&\$S++(./1/\$<#''(;*\$S+\$<:\$Y:\$P=.1+\$
+; \$ _:\$! 1''+)# \$W] ; .:X? \$=0#!3 + (H64?1#!T+)?H&&U!&8!94*#6+/. #W99:\$TDJ KX:\$O* &5'(>#a\$O* &5'(># \$, +(D
-#'.(/O\$3' #. .:\$

Y#*)"(+>\$21 '\$&#*+(+>a\$ @8&*+*\$>#+)O\$*+; \$/'# \$+*'*/(-# \$(&* >+*/(1+:\$=0#&6. !+)?!, -. /O&%&I.2! i j\$WJX?\$
JKTDJTT:\$

I/1'(#.\$/1\$' #&#&5# 'a\$ _ *''*/(-# \$ *+; \$/'# \$/(&# \$ 12\$ &# &1'0:\$>* &6. @&6%?-<!J!M&56)+%! &8! ; +66+*4\$#!>*5?4#-2!
iWKX?\$KKFDKTJ:\$

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; << A!

C*+>8*>#? \$#Q9#'(#+)#? \$*+; \$/'# \$s/'*8&*'/()\$>*9ta\$@1 ^ \$/1\$/*=6\$*518/\$MVKK} \$S+\$C:DO:\$@0; w+\$*+; \$d:\$U'1)6D
&#(#' \$W] ; .:X?! T#+%*O2!:%%)#- -!+)?!35%*56#<! I6&U#)! ; +66+*4\$#W99:\$K\DTBX:\$ _# ^ \$ ` 1'6a\$Y18/=# ; >#:\$

WC*'.DO''(./#'\$@0; w+\$*+; \$d:\$U'1)6&#(#'X:\$H'1&\$/'# \$ #/1=; \$/1\$/'# \$9#21' &#; \$. /1'0a\$S+'1; 8)/(1+.\$S+\$C:D
O:\$@0; w+\$ r \$d:\$U'1)6&#(#' \$W] ; .:X?! T#+%*O2!:%%)#- -!+)?!35%*56#<! I6&U#)! ; +66+*4\$#-\$W99:\$KDKBX:\$ _# ^ \$
` 1'6a\$Y18/=# ; >#:\$

WE*('*\$S:\$ E#; -#; \$*+; \$d#+.\$U'1)6&#(#'X\$!*=6(+>*\$518/\$/'# \$8+/'(+6*5=#a\$ _#8'1/'*8&* \$*+; \$/'# \$ t)*/#D
./'19")\$'#\$*)/(1+:t\$S+\$C:DO:\$@0; w+\$ r \$d:\$U'1)6&#(#' \$W] ; .:X?! T#+%*O2!:%%)#- -!+)?!35%*56#<! I6&U#)! ; +66+7
*4\$#-\$W99:\$BLDFJX:\$ _# ^ \$ ` 1'6a\$Y18/=# ; >#:\$

%8./#'=(/Zn.\$&#&1'0:\$, +6*4+%J)-@#6-<!M&56)+%! &8!94*#6+*56#!+)?!*O#!T4-*&6.1&8! ?#+-2!s/#JX?\$TLFDT\F:\$

W<*+(#=#3#/'#=(? \$I/#-# \$ o ''(/*6#'? \$*+; \$d#+.\$U'1)6&#(#'X:\$%8/1!191>'*9"0a\$ o ''*/\$)*+\$9"0.() *=\$&#&#&D
/1.\$/#=#.8.\$*518/\$; (>(/*-\$&#&1'(#. }\$(=6)1(#)1(&)2q0.64000(240630)42(8)/(#(8)(%) -142(8)1(%) -1(((+))J2(T4)/(#(8) -1((+) -1

""!
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E 8.()?)\$; '#*&\$*+;\$ '#*=(/0:\$S+a\$ I0&9"1+0\$JGGF:\$] ;:\$50\$!"# \$!1601\$I0&9"1+0\$P')"#./'*\$W99:\$KJDKBX:\$
!1601a\$!"#\$!1601\$I0&9"1+0\$E 8.())\$385=(. "#:\$!' *+.=*/#;\$(+/1\$d*9*+.#\$50\$E(;1'(\$!*6*.#:\$

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Y#&#&5#'(+>\$*+; \$21'>#/(+>a\$ _***/(-#\$*.\$)8=8'*=&#&1'0:\$35%*56#/+)?!, -. /O&&I.2!l!ji^!gI9#)(*=\$
S..8#a\$i_***/(-#\$*+; \$O8=8'*=E#&1'Oih?\$KBDLL:\$W385=(."#'.n.\$)18+/\$JGJGa\$E 1./\$)(/#; t\$. (+)#/'#d18'D
+*-. \$#./ *5=(."&#+/\$(+KMMBX:\$

I#*')"(+>\$21'\$)8=8'*=&#&1'0:\$S+/'1; 8)/(1+\$1\$/'#I9#)(*=\$S..8#:\$35%*56#/+)?!, -. /O&&I.2!l!ji^!gI9#)(*=\$
S..8#a\$i_***/(-#\$*+; \$O8=8'*=E#&1'Oih?\$BDKL!/\$

W { (\$ o *+>\$*+; \$d#+.\$U'1)6&#(#'X:\$%8/15(1>'9'')*-\$#&#&5#'(+>\$*.\$)8=8'*=9'*)/()#a\$, +; #'./ *+; (+>\$
/'#\$(+/#'9=*O\$5#/^##+\$&#&1'0?\$. #-2?*\$+; \$)8=8'#:\$35%*56#/+)?!, -. /O&&I.2!l!ji^!gI9#)(*=\$S..8#i_**'*D
/(-#\$*+; \$O8=8'*=E#&1'Oih?\$LBD\L:\$

3*=(&.#./ .a\$P+\$9*(+/(+>.\$50\$Y*-'9"\$!8'/8''1:\$G+% 'O!=56*566&h=56*566&o-!J6*!Q+%%#6. h\$a\$^ ^ ^ : '*-9''/8'D
/8''1:)1&V:\$

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; <<?!

!#Q/. \$*+; \$1/'#'.0&51=(.)\$.9*)#.: \$A4)?2!35%*56#2/+)?!J/*4\$*.2!l!WTX?\$JKBDJTK:\$

S; #+/(ON'E)/. /%&' #?4+!&8!948#!W64*4)I<!J5*&H4&I6+ '04/+%/+)?!I4&I6+ '04/+%/_&6 (-2!a&%N!iN!] ; :\$50:\$E:\$
d1=0\$W99:\$LBBDLBFX:\$C1+; 1+\$ r \$O"()*>1a\$H(/Z'10\$<#*'51'+:!

!(&#N!E)/. /%&' #?4+!&8!948#!W64*4)I<!J5*&H4&I6+ '04/+%/+)?!I4&I6+ '04/+%/_&6 (-2!a&%N!B!] ; :\$50:\$E:\$d1=0\$
W99:\$[F\DF[X:\$C1+; 1+\$ r \$O"()*>1a\$H(/Z'10\$<#*'51'+:\$

H'1&\$/'#S#+; \$/1\$/'#5#>(+(+>a\$Y#/'1.9#)/(-#/#=#1=1>0\$(+*\$8/15(1>'9'0:\$S+\$d:\$U'1)6&#(#'\$*+; \$<:\$O(639.84cmBT-0.118

"%!
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<#'\$+*'*/(-#\$E1;8.\$g!"#\$+*'*/(-#\$&1;#h:\$, -./O&%&I4#!4)!e-#66#4/O!g, -./O&%&I.!4)!J5-*64+

"&!
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!"#\$'(.#12\$/#"#\$(/ #'*)0\$#9(./#&#:\$G#?#84)4)I!94*#6+/.2!>'64)I!i j j l2![DKF?*\$+;\$(\$G#?#84)4)I!94*#6+/.!p!f)%4)#!g"//9a\$=-.+:1(.#:8/1'1+/1:)*VY#;#2(+>C(/#'*)Oh?\$I9'(+>\$KMM[:\$

o 1';.\$*.\$-1()#.:G#?#84)4)I!94*#6+/.2!>'64)I!i j j l?\$JGDJKw!*+;\$(\$G#?#84)4)I!94*#6+/.!p!f)%4)#!g"//9a\$=-.+:1(.#:8/1'1+/1:)*VY#;#2(+>C(/#'*)Oh?\$I9'(+>\$KMM[:\$

Wd#+.\$U'1)6&#(#'\$*+;\$<*-(;\$Y:\$P=.1+X:\$Y#;#2(+>C(/#'*)0a\$s!"#\$!1'1+/1\$I)"11=:t\$G#?#84)4)I!94*#67+/.2!>'64)I!i j j l?\$i7mw!*+;\$(\$G#?#84)4)I!94*#6+/.!p!f)%4)#!g"//9a\$=-.+:1(.#:8/1'1+/1:)*VY#;#2(+>C(/#'*)Oh?\$I9'(+>\$KMM[:!

Wd#+.\$U'1)6&#(#'\$*+;\$S=*'(*\$A'*ZZ*+(\$A*-*ZZ(X:\$C*+>8*>#?\$(/ #'*)0?*\$*+;\$)8=8'#a\$!"#\$sO#+/'1\$;#=\$Y(D)#')*\$.\$8=#\$!#)"1=1>(#\$;#=#n];8)*Z(1+#t\$(\$E(=*+:\$G#?#84)4)I!94*#6+/.2!>'64)I!i j j l?\$JTDJ\w!*+;\$(\$G#?#84)4)I!94*#6+/.!p!f)%4)#!g"//9a\$=-.+:1(.#:8/1'1+/1:)*VY#;#2(+>C(/#'*)Oh?\$I9'(+>\$KMM[:\$

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%8/15(1>'*9"0?\$*+'*(-#*\$*+;\$/"#H'#8;(*+\$)1+)#9/(1+\$12\$(2#\$(./1'0:\$,04%&-&'O.2!, -./04+*6.2!R\$, -./0&%&I.2!m?\$KFBDJGG:\$

Y#.91+.#\$/1\$/#"#O1&&#+/*'(#.\$50\$@1=&#.\$*+;\$Y15(+.1+;\$,04%&-&'O.2!, -./04+*6.2!R\$, -./0&%&I.2!m

''!
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O"#)1.*\$-#>>(*&1\$q8*+;1\$i=#>>(*&1\$-*\$&#/#i} \$g o "*/\$*'#\$^#'\$#*; (+>\$^ "#+\$^#'\$#i&(;D'#* ;(+>i}h:\$
J6/O4\$4&! ?4! , -4/&%&I4+2! ; #56&%&I4+!#! , -4/O4+*64+2!k l!]B7D^? \$KK [DKTJ:\$\$

P9Z(1+(\$; #=*\$.)'(/8'a\$21'&#;\$ (\$9*..* >>(1\$/ '*\$)8=/8'#\$1'*=(\$#*\$-2*5#/(ZZ*/(\$gP9/(1+.\$12\$=(/'*)0a\$H1'&.\$
12\$/ '*+.(/(1+\$5#/^##+\$1'*=*\$+;\$^'(/#+\$)8=/8'#.h:G+--#I)+! ?4! , -4/&%&I4+2!Bm? \$MBDKK [:\$\$

Wd#+.\$U'1)6&#(#'*\$+;\$R*'1=(+#\$! .)"8>>+*=\$X\$I*8..8'#\$ o 0>1/.6(\$8+;\$;*.\$N#'"v=/(. \$-1+\$I9'*)"#\$8+;\$
<#+6#+;\$€5#'=#>8+>#+\$Z8\$#(+&\$68=/8' "(./1'(.)"#+\$x#()"#+5#>'(22\$gI*8..8'#?\$NO>1/.60?*\$+;\$/'#'\$#=#D
/(1+\$5#/^##+*\$+>8*>#*\$+;\$/"18>"/a\$! 1^*'; .\$*\$)8=/8'*=D"(./1'()* *-\$) 1+)#9/\$12\$/ "#\$. (>+h:\$

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WO#.*'#\$%=5*.((\$*+;\$d#+.\$U'1)6&#(#'X\$C*\$'1//8'*\$;#=#*)*+1+(/m\$g!"#\$5'##6\$12\$/"#\$)*+1+(/Oh:\$S+\$O:\$
A*=1\$U*'5.(1\$*+;\$O:\$ { 8*'*/*\$W] ; :X?\$=6+)-8&6 (+04&)4!#! ; +66+04&)4!g=6+)-8&6 (+*4&)-!+)?! ; +66+7
4&)-h\$W99:\$KBBDK\BX:\$!8'(a\$!'#+(\$I/*&9*/1'(:\$\$

Y#-(#^\$#..*O\$1+\$s@#>*\$ _1^1/+0?\$z!(&#a\$!"#\$E1;#'+\$*+;\$31./&1;#'+\$]Q9#'#+)#n:i\$=4 (#0-! ;#@-2!
Bs?\$SKLDK\:\$

"2!
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C*\$)1#'#+Z*\$/#&91'*=#g!#&91'*=)1"##'+)#h:\$S+\$O:\$A*=1\$U*'5(.(\$W] ;:X?%!/6#/5'#6&!?#%#- '#64#)0+!

#F!
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Cp*./'*Z(1+#\$9*' &#+(;\$#=#pi(=8&(+(. &1i\$;#=#&(1\$g! "#3#&#+(;\$#*+*5./'*)/(1+\$*+;\$/"#si] +=(>"/#D
&#+/i\$12\$/ "#\$&O/"h:\$_4%&-&84+!#/#&%&I4+!W19#)(*=\$(..8#si\$=. 1>>#//1\$(+q8#./(1+#ix?SD?SL\FDLMM:\$

o *.\$6*++\$&*+\$b5#'\$#(+#+\$ E#+.)"#+\$ ^(. .#+) \$g o "*/\$)*+\$ ^#6+1 ^\$*518/\$*\$9#'.1+)h\$S+\$ QV*#6-%&O#6!
>&((#6+U+?#(4#T+)-!W#6)#6!T#)0#W99:STD\X:];:\$50R8=8'*&/\$;#I/*;/Ab/#'.1"?Ab/#'.1":\$\$

!"#\$.#9*"/(1+\$12\$/ "#\$.(>+\$2'1&\$/"#\$&#*+(+>a\$ A#./8'#? \$ ^ 1';?*\$+;\$9=0:\$S+\$9+)15+I#(+)?!9+)15+I#!
J/F54-4*4&)<J!G#?#6:\$];:\$9+!G#\$5#!?#!, O&)S*4F5#!J' '%4F5S#W99:\$JFDTFX:\$E 1+.\$U#=>(8&a\$, +(-#'.(/f\$
;\$E 1+.\$

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o *.\$5#;#8/#/\$;#&\$I854#6/\$;(#\$ o #-/)SH'*>#+\$#(+#\$9.0)"1=1>(.)"#+\$I#&*+/(6\$g o "*/\$(\$/"#\$&#*+(+>\$12\$
/'#\$^1'=; }a\$ { 8#./(1+.\$12\$9.0)"1=1>()*\$.\$.#&*+/(.)h:\$S+\$_1'5#/'SR'8.#\$*+;\$E*+2'#;\$Y*#&#&#W];:.\$X?T+(7
H561#6! G4)I\$&6%#-5)I! d64*4-/O#!, -. /O&%&I4#N! W4--#)-/O+8*-U64*4U2! d+*#I&64#)2! J)@#)?)5)I-7I#H4#*#
g@*#&58'>\$C#)/8'#.\$1+\$O'(/)*=\$3.0)"1=1>0a\$O'/(q8#?#O*/#>1'(#.?\$O1+/#Q/.h\$W99:\$KLDK[LX:\$@*#&58'>a\$
]'>#5+(. .#N#='*:>\$

U#Z#() +#+\$U#+++\$#8+;\$U#;#8/#+\$(+;\$#'\$2'b"#+\$R(+; "#(/\$gI(>+(20(+>?*\$&(+>?*\$*+;\$'#2#'(+>\$(+)\$#*'=0\$
)" (=; "11;h:\$S+\$_:\$A8/#+5#'\$>\$W];:.\$X?d+)! (+)! d&((5)4U+*4&!)#06#)z! d&)0# '*#! (V)?#4/O#6! a#6 (4*7
%5)IN!>'6+ /O#15)?!>'6# /O#)!g3+)!@#!=#+ /O!3 &((5)4/+*4&) z<13 &)/# '*-!&8!f6+!A#?4+*4&)!p!9+)15+I#!
)?>'##/Oh\$W99:STDLJX:SH'*+628'/a\$I)'(9/1':\$

<(#\$]+/v8c#'+>\$8+;\$;(#\$] '(+++'8+>\$;#'\$P54#6/(-(/v:\$x8&\$I854#6/(-(/v/.D\$8+;\$]+/^()6=8+>.5#>'(22\$5#(\$
@#>#=\$g]Q/#'+*=(.*/(1+\$*+;\$(+/#'+*=(Z*/(1+a\$@#>#-p.\$)1+)#9/.\$12\$.854#)/(-(/O\$*+;\$;#-#-19&#+/h:\$S+\$T#7
I#%7M+06H5/O!gT#1#%!u#+6H&&Uh\$ijll!\$99:\$J\GDJFK:\$

I0&51=()'\$9#.#+*/(1+\$*+;\$#*'=0\$)1>+/(-#;\$#-#-19&#+/.\$S+\$E:\$C1#^#+'*=\$W];:.\$X?\$, 6&/##?4)I-!&8!\$O#!
3&)8#6#)#!&)!h9+)15+I#(+)?!9+)15+I#!J/F54-4*4&)! :a<19+)15+I#! "#\$#&' (#)*!+)?!3&I)4*4\$#! "#7
\$#&' (#)*h\$E 1+.\$U#=>(8&a\$, +(-#'.(/f\$;\$E 1+.\$

<#'\$;(*=#6/(.)"#%+.*Z\$8+;\$.#(+)\$U#;#8/8+>\$2b'\$;(#\$3.0)"1=1>(#\$g! "#\$;(*=#)/(\$)*99'1*)"*\$+;\$/./.\$(>D
+(2)(*+)\$21'\$9.0)"1=1>Oh:\$S+\$A:\$db//#&*+>\$W];:.\$X?W#1H#6#4*#6! ?#6!T4-*&64-/O#)! , -. /O&%&I4#%g, 4&)#6-!
&8!T4-*&64+%/!, -. /O&%&I.

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<(#\$ E(//#-\$; #'\$61>+(/(-#+\$]+/^()6=8+>:\$ x8&\$x8.*&&#+"*+>\$; #'\$(+;(-(;8#=#+\$&(/\$; #'\$"./1'(.)"#+\$
] +/^()6=8+>\$; #.\$U#^8c/.#(+.\$5#(\$3(*>#/\$8+; \$ o 0>1/.6(\$g! "#\$&#*+.\$12\$)1>+(/(-#; #-#=19&#+/a\$!"#
'#=*/(1+."(9\$5#/#^##+\$(+;(-(;8*=*\$+;\$"./1'()*=\$; #-#=19&#+/\$(+3(*>#/\$*+;\$N0>1/.60h:\$_&65 (!d64*4-/0#
, -./0&%&I4#?!iB?LDD[[:\$

H1'&#+\$ 8+;\$ 61+/#Q/8#=#\$ U#; (+>8+>#+\$; #'\$]+/^()6=8+>\$; #.\$ A'#(2.)"#&*.\$(&\$ #'./#+\$ C#5#+.4*"'':\$
gH1'&.\$*+;\$)1+/#Q/.\$12\$/"#; #-#=19&#+/12\$.#+.1&1/1'())\$.)"#&*/*\$(+/"#2('.\$0#*\$12\$(2#;h\$Y#.#*')"\$
'#91'/\$"#\$#%&' (#)!&8!-5HX#/*4\$4*.!4)!#+6%.!/04%?0&&?:\$U#'= (+a\$S+./(/8/#12\$3.0)"1=1>0?SH'##\$, +(-#'./0\$

##!
!

Y15#/'\$R*=-1;*?iY#-1=8/(1+\$8+;\$\$;#1=1>(#:\$<#'@\$8..(/(&8.:i\$"+-!J615(#)*\!b#4*-/0648*!8V6!,04%&-&7
'04#!5)?!>&04+%@4--#)-/0+8*#!g=0#!J615(#)*<!M&56)+%!&8!,04%&-&'0.!+)?!>&/4+%!/4#)/#-h:\$I#40#8*!
ijlC?\$(MDMK:\$

!

?@B@\$

#\$!
!

O*'*-*>>(1:\$<#'\$"(/1'(.)"#\$I/#=#+^#'/\$.#(+#.Y#*=(.&8.\$g3+6+\$+I14<!=0#!04-*&64/+%!O&640&)!&8!04-!
6#+%4- (h:\$=#)?#)0#!{=#)?#)0#)<M&56)+%&8!*0#!J6*-/2!iCk?\$\GD\B:\$

Y#9'(+/#;\$+a\$P'=*+;1?]:\$W] ;:X\$WKMFFX:\$3+6+\$+I14&:\$I/8//>*'/?\$@*&58'>?\$r\$E8+() "a\$<#8/.)"#'\$
Ub)"#58+;:\$

3'#2*)#:\$S+/d:\$U'1)6&#(#'!W] ;:X

#&!
!

Wd8+#\$JGK[X:\$_***/(-#*\$+;\$(&8=/*+#(/O:\$O#+/#'\$21'\$_***/(-#Y#.#*')"\$gx#+/'8&\$2b'\$]'Zv"=21'.)"8+>h?\$\$
,+(-#'.(/O\$ o 899#/'*=?\$A# '&*+0:\$

WE *0\$JGK[X:\$!"#\$%&'>#+)#\$12\$.(&8=/*+#(/O:\$O1+2#'#+)\$1+\$J6/O#&%&I. !&8!*O#! A4)?N! E 1+/#\$N#'(m\$V\$
%.)1+*\$WI ^(. . \$H#; #'*-\$S+./(/8/#\$12\$!#)" +1=1>0\$V\$]! @\$x8'()"?\$, +(-#'.(/O\$U#'+#?*\$+;\$, +(-#'.(/O\$]'=*+D
>#+D_b'+5# '>X?\$I ^(/Z#'-*+; ;\$

W<#)#&5#'\$JGKFX:\$_***/(-#?\$(;#+/(/O?*\$+;\$/'#\$"8&*+\$.#+.#\$12\$91..(5=(/O:\$

#!
!

W_1-#&5#'\$JGKBX:\$A#;v)"/+(\$8+;\$E#/*9"1'a\$ o(#\$ ^('\$8+.#'#'\$N# '>*+>#+'#(/\$U#;#8/8+>\$ -#'#("##+\$
gE#&1'0\$*+;\$&#/*9"1'a\$@1^\$;1\$^#>(-#&#*+(>\$/1\$18'\$9*./}h:\$R(=*+\$8+;\$R1#"-#'\$O#+/#'\$21'\$O8=/8'*=
3.0)"1=1>0\$*+;\$O8=/8'*=5%/+"191=1>0\$Y8"\$, +(-#'.(/O\$U1)"8&?\$A#&*+0:\$!

W_1-#&5#'\$JGKBX:\$!*5=#\$'1+;#g3*+#+h\$1+a\$ I#.&)?!0#!J6/O4\$#<!A#(&6.2!; +66+*4\$#2!+)?!0#!J5*&H4&7
I6+'O4/+!/, 6&/#-:3*(. \$O#+/#'\$21'\$_ *'*/(-#E*//#'. \$r \$<#9*'/&#+/C#//#'. ?\$%'/.#\$/O(+w&*?\$', +(-#'.(/w\$
3*'. \$F\$<(#'1/?\$H'+)#:\$

WI#9/#&5#'\$JGKBX:\$R8=/8'9.0)"1=1>(#\$. /\$6#(+)\$<(.Z(9=(\$+.1+;#'+\$#(+)\$P'(#+/(#'+>\$e\$]'+./\$]:\$U1#.)"\$
% ^*'; \$12\$/"#A#.#=.)"*2/\$28#'\$R8=/8'9.0)"1=1>(#\$g%..1)(*/(1+\$12\$O8=/8'*=3.0)"1=1>0h\$21'\$d8# '>#+\$
I/'*85\$W9+5?+*4&X\$I*-Z58'>?%8./'(*:\$

WI#9/#&5#'\$JGKBX:\$S=#/..8/1\$+*'*/(-1\$;#=#+1./'1\$')1'; 1a\$ _ *' *Z(1+#\$#)8=/8'*\$:_#- *4\$+!/?#//ZJ5*&H4&7
I6+84+?C(5#*\$, +(-#'.(/m\$;(\$%+>"(*'(\$!8.)*+O?S/*=0:\$

Wd8+#\$JGKBX:\$31..(5=#&#&1'(#.a\$U#01+;\$/'#\$;(-; #5#/#^##+/'#\$+;(-; 8*-\$*+;\$/'#\$)1=#)/(-#:\$O1+2#'#D
#+)#\$1+\$: (+I4)I'0#!_5*56#!&8!3&%%#/*4\$#!A#(&6.? , +(-#'.(/w\$;#_#8)"%/#=#2\$I^(Z#'=*+;:\$

WE*0\$JGKBX:\$E#&1'0\$*+;\$&#/*9"1'a\$@1^\$;1\$^#&*6#\$.#+.#12\$/"#9*./}\$!"#\$, +(-#'.(/O\$12\$!*&9#'#\$
H(+=*+;:\$

WE*0\$JGKBX:\$H'*)/8'?\$."1)6?=\$)8+*a\$O8=/8'*=&#&1'0\$*+;\$/'#\$&1&#+/12\$/"#\$(+;(-; 8*=\$O1+2#'#+)\$
1+\$9+!(# (&64+!5)-# '&%*+!gE#&1'0\$8+58'(#;h:\$O#+/1\$% '/(\$;#=#E 1;#'+(/m?!"#\$, +(-#'.(/O\$12\$!8'(+? \$
S/*=0:\$

W%9'(\$JGKBX:\$S+;(-; 8*=(Z(+>/'#\$"(/1')*=\$(&*>(+*/(1+a\$C(2#\$(./1'0?=(2#/(&#?=(2#./1'0:\$O1+2#'#+)\$#1+\$
=0#!T4-*&64/+!:(+I4)+*4&):\$@8&*+(/(#.\$Y#.#*)"\$S+./(/8/#?!"#\$, +(-#'.(/O\$12\$I"#22(#=;? , R:\$

W_1-#&5#'\$JGKLX:\$!8'+(+>\$91(+./.\$O1+2#'#+)\$#1+\$=0#!K)H54%?4)I!&8!E+ -*!Q#6(+). <!E`/+\$+*4)I!I4&I7
6+'O.(!+)?!T4-*&6. :\$A#&*+\$@(/1')*=\$S+./(/8/#C1+;1+?\$, R:\$

WP)/15#'\$JGKLX:\$ o'(/(+>?&#/*9"1'?\$*+;\$+*'*/(-#a\$C119(+>\$#22#)/.\$(+\$/"#8+;#'./*+;(+>\$12\$&#&1'0:\$
_(-.\$U1"'\$O#+/#'\$21'\$O8=/8'*=3.0)"1=1>0?%*=51'>\$, +(-#'.(/O?<#+&*6:\$

WP)/15#'\$JGKLX:\$!"#\$.#+.#12\$*+\$#+;(+>a\$!"#\$'(.#*+;\$2*=\$12\$/"#9'1&(.#12\$+*'*/(-#:\$P9#(+>\$I0&91D

#(!
!

W%9'(-\$JGKTX:\$P=;\$(;#*.a\$!"#1'0\$12\$&(+\$;\$*+;\$+*'*/(-#=\$*+>8*>#>*&#.:! "\$A'*;8*/#O#+/#'?O(/O!
" #\$\$%&'(\$)*!+,!- &. !/+ 'O!12" - /3!4#5!267897!: 4; (<|- &. !/+ 'O!" #\$\$%&'(\$)*!1- /" 3=

W<#)#&5#'JGKJX:\$_*'*/(-#\$(;#+/(/0\$*.\$*\$9'14#)/\$12\$#&1/(1+:\$O1+2#'#+)\$1+\$E(&*4&)!+)?!3&I)4*4&!4)!
; +66+*4\$#<!>#%87" #-/64 '*4&)+-!+!A#+)-!&8!>O+ '4)I!:#)*4*.:\$, +(-#'.(/0\$12\$@#(;#-5#!'>?E*'.(=8.\$R1=#>?\$
A# '&*+0:\$

WP)/15#'\$JGKJX:\$<#)#+/#'(+>\$&#&1'0:\$O1+2#'#+)\$1+\$

#2!
!

WH#5'8*'O\$JGKKX:\$_*'*/(-#\$9.0)"1=1>0\$&##/.\$+#8'1.)(#+)#a\$]Q9=1'(+>\$/"#\$*8/15(1>'*9'()*=-\$9'1)#..:\$
<#9*'/&#+/\$12\$3.0)"1=1>0?\$, +(-#'.(/O\$12\$31'/.&18/"?\$, R:\$

Wd*+8*'O\$JGKKX:\$_*'*/(-#\$/(&#'\$#-(./#;:\$, +(-#'.(/O\$12\$!*=(++?\$, +(-#'.(/O\$12\$!*'/8?!"#\$] ./1+(*+\$%)*;D
#&O\$12\$%'/.\$!"#\$] ./1+(*+\$A'*;8*/#\$I)"11=\$12\$O8=8'#\$I/8;(#.\$*+;\$%'/.\$V\$], \$I)(#+)#\$3'1>'*&&#?\$
] ./1+(*:\$

\$#!
!

Wd8=0\$KMMMX:\$ x#/(61+./'86/(1+#+\$gO1+.'8)/(1+.\$12\$/(&#h:\$O1=1q8(8&\$3.0)"1=1>(#\$8+;\$31./&1;#'+#?<#9*'/&#+/12\$3.0)"1=1>0?SH'##\$, +(-#'.(/O\$U#'=+:\$

W%9'(-\$KMMMX:\$, +\$*99'1))(1\$)8=/8'*\$#*-\$;(.1'.1\$&#/*=-(>8(/()1\$g%\$)8=/8'*\$#*99'1*)"1/\$1\$&#/*=-(>8(/()\$;(.18'.#h\$O1+2#'#+)#\$G4/#6/+2!4)*#6\$#)*&!#8&6(+04&)#!4)!+(H4*&' -4/&#?5/+*4\$&?O*/"1=())\$, +(-#'.(/O\$12\$E(=*+:\$

W%9'(-\$KMMMX\$<#)(9"#'+>\$/"#\$(/#*)O\$#9(/#&#:\$O1+2#'#+)#\$94*#6+/.!+)?!3&)/#'*4&)-!&8!9+)15+1#:\$, +(-#'.(/O\$O1=#>#?,\$, +(-#'.(/O\$12\$!1'1+1:\$

WE*)"\$KMMMX:\$3.0)"1=1>()*\$*+;\$(-/#'*O&1;#-.\$12\$*8/15(1>'9")*\$#&#&5#'(+:\$;\$&6*06&'!_6.#!9#/?*56#:\$_1'/'19SH'O#O#+'#?N()/1'(*\$, +(-#'.(/O\$!1'1+1:\$

WH#5'8*'O\$KMMMX:\$;\$#+/(/O\$*+;\$/(&#a\$_*'*/(-#\$&1;#-.\$12\$"8&*+;\$#-#-19&#+/:\$"4#8#)H+U#6!J@+6?!9#/?*56#:\$P+/*'(1\$+./(/8/#\$21'\$I/8;(#.\$(+)\$;8)*/(1+?,\$, +(-#'.(/O\$12\$!1'1+1:\$

WP)/15#'\$KMM[X:\$S-\$/#&91\$;#=#\$-(*a\$E1;#=#(\$;#=#/#&91\$+#=#\$+*'Z(1+#\$*8/15(1>'2)*\$g!"#\$/(\$*\$=(2#a\$E1;#-.\$12\$(2#/(&#h:\$I&)*+?4)!9#/*56#?O*/"1=())\$, +(-#'.(/O\$12\$E(=*+:\$

Wd8+#\$KMM[X:\$o"1\$^'(/#.\$/'#s/#Q/.t\$12\$+*/(1+*-\$;#+/(/O)\$_&56*0!3&)I6#--!&8!*0#!:#6)+*4&)+%!>&/4#*..!&6!35%56+%!G#-#6/O!+)?!J/*4\$*!.!#0#&6.?,\$, +(-#'.(/O\$12\$%*"8.:\$

W%9'(-\$KMM[X:\$!"#)\$8=/8'#12\$=/(#*)O:\$O1=1q8(8&\$94*#6+/.!A+*#6-?,\$, +(-#'.(/O\$12\$!1'1+1:\$

W%9'(-\$KMM[X:\$I/'8)/8'#.\$12\$/(&#\$(+*\$8/15(1>'9")*\$#&#&5#'(+:\$;<#9*'/&#+/12\$3.0)"1=1>0? { 8##+n.\$, +(-#'.(/O\$R(+>./1+:\$

W_1-#&5#'\$KMMFX:\$Wd:\$U'1)6&#(#\$*+;\$<*-(;\$Y:\$P=.1+X\$o"*/\$(.\$*^1';}\$H*)8=/O\$12\$];8)*/(1+?,\$, +(-#D'./O\$12\$O*=>*O:\$

WP)/15#'\$KMMFX:\$o"*/\$(.\$+*'*/(-#9.0)"1=1>0}\$H*)8=/O\$12\$3.0)"1=1>0?,\$, +(-#'.(/O\$12\$O*=>*O:\$

WI#9/#&5#'\$KMMFX:\$C1\$.-(=8991\$&#/*=-(>8(/()1\$+-\$5*&5(+1\$9'#D.)1=*#gE#/*=-(>8(/()\$;#-#-19&#+/(\$+9#'.)"1=#.h:<#9*'/&#+/12\$3.0)"1=1>0?O*/"1=())\$, +(-#'.(/O\$12\$E(=*+:\$

Wd8=0\$KMMFX:\$;\$#+/(/v/\$8+;\$*8/15(1>'9")"#.\$] 'Zv'=#+;\$g\$;#+/(/O\$*+;\$*8/15(1>'9")*\$#*+*'*/(-#h:\$<#D9*'/&#+/12\$3.0)"1=1>0?P//1D-1+DA8#'()6#,\$, +(-#'.(/O\$E*;>#58'>:\$

W%9'(-\$KMMFX:\$!"#)\$*8/15(1>'9")*\$9'1)#.\$*+;\$/'#H'#8;(*+\$)8=/8'#12\$(2#\$(./1'O:\$<#9*'/&#+/12\$];D8)*/(1+*\$+;\$I1)(*-\$I/8;(#.\$o*."(+>/1+,\$, +(-#'.(/O\$I/:\$C18(.?E(...!)

WE*)"\$KMMFX:\$<(*=1>()*\$&1;#-.\$12\$;#-#-19&#+/:\$S+/#+*/(1+*-\$I#&(+*\$12\$/"#\$%#Q*+;#'\$-1+\$@8&D51-;/\$H18+;*/(1+\$"4+%&15#!+)?!"#H#&'(#)*\$, +(-#'.(/O\$12\$C#(9Z(>:\$

Wd*+8*'O\$KMMFX:\$3#'.1+*-\$S\$;#+/(/v/\$8+;\$*8/15(1>'9")"#.\$3'1Z#..\$g3#'.1+*-\$(\$;#+/(/O\$*+;\$*8/15(1D>'9")*\$9'1)#..h:\$3"(=1.19")"#A#.#=#.)"*2/\$S++.'5'8)6\$g3"(=1.19")*\$I1)(#O\$S++.'5'8)6h:\$

Wd*+8*'O\$KMMFX:\$Y*8&\$8+;\$x#(/\$(+;\$#'\$v./'#/(.)"#+\$] '2'"8+>a\$](+##68=/8'9.0)"1=1>().)"#3#'.9#6/(-#gI9*)#*\$+;\$/(&#\$(+*\$#./'#/()\$Q9#'(##)a\$%)8=/8'*\$=D9.0)"1=1>()*\$9#'.9#)/(-#h:\$S+/#+*/(1+*-\$Y#.#*)"O#+/#'\$21'\$O8=/8'*\$=I/8;(#.\$N(##+*:\$

WP)/15#'\$KMM[X:\$o"*/\$(.\$+*'*/(-#8+;\$<())'/8+>\$(&\$*8/15(1>'9")"#+\$] 'Zv'=#+;\$g!'8/'#\$*+;\$2)/((1+\$(+*\$8/15(1>'9")*\$#*+*'*/(-#h:\$<#8/.)"#.\$C(/#*'/8'./(/8/\$C#(9Z(-\$gA#&'*+)\$S+./(/8/#12\$C(/#*'/8'#\$h?,\$, +(-#'.(/O\$12\$C#(9Z(>:\$

W

\$\$!
!

WE*')"\$KMM\X:\$O1+2=()/ \$*+; \$)1&&8+()* / (1+:\$O1+2#'#+)# \$ "4- /&56-#-!&8!=4 (#2!>' +/#2!+)?!35%*56#?!\$O#+D
/#'\$21'\$/"#I/8;0\$12\$O1&&8+()* / (1+? \$<#9*'/&#+/\$12\$O1&&8+()* / (1+\$I/8; (#.\$, +(-#'.(/O\$12\$E*..*)"8D
.#//.\$*/\$%&"#'./:\$\$

WE*')"\$KMM\X:!"#H'#8;(*+\$1';#'\$12\$/(&#:\$<#9*'/&#+/\$12\$3.0)"1=1>0?\$A#1'>#/1^+\$, +(-#'.(/O?\$ o *."D
(+>/1+?\$<Oj\$*+;\$S+./(/8/#\$21'\$/"#\$\$%; - *+)#;\$I/8;0\$(+\$/"#@\$8&*+(/(#.\$, +(-#'.(/O\$12\$E*..*)"8.#//.\$*/\$
%&"#'./:\$\$

Wd*+8*'O\$KMM\X:\$I/'#(>#.)"()"/#+\$e\$<(.68'.(-#H1'&#+\$;#'\$R1+2=(6/5#^v=/(>8+>\$5#(\$R(+;#'+:\$O1=1D
q8(8&\$<#-#=19&#+/*=\$3.0)"1=1>0?\$H'##\$, +(-#'.(/O\$U#'= (+? \$*+; \$E*QD

