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4563+3)3*&!71+%89!

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E G 3 2 , 1) 3 * & ! K ! 4 & = 3 , * & < % &) . F ! 1 & ' ! E M & 9 \$ 3 , 1) 3 * & ! K ! D \$ \$, * \$, 3 1) 3 * & F J A 3) 6 ! 1 ! \$ 1 ,) 3 (; 8 1 , ! > * (; 9 ! * & ! 6 * A !) 6 % 9 % !
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N3>)!*>!)6%!01 < 38?!*>!G?, *&!VB!D=%, ?.! : 8199!*>!" ^ - /!
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G1&?!1,)39)9!61=%!+%&!3&9\$3,% '!+?!6%9),3@3&2!81&'9(1\$%9!*>!G13&%B!O*,!<;(6!*>!)6%&3&%)%&6!
(%&);,?.\$13&)%9!'%\$3()%'!',1<1)3(!(*19)83&%9.!3'?883(!>*,%9)9.!+;9)83&2!61,+*,9.!1&'!(*I?!=38812%9.!
%<\$6193I3&2!)6%!\$,39)3&%!+%1;)?!1&'!+*;&)?!*>!&1);,%!*=%,!6%!2,3<!,%183)3%9!*>13&' ;9),?!.%&=3,*&<%&)18!
'%9),;(3*&.!1&'!9%))8%,!(*8*&31839<B!N%*,2%!V1A8%?!V188,A&%*,2%39)8.!?'8*,2%*&393%&)18!

28199!3&!,%=%,9%!*,'%,!19!)6%?!A* ;8' !+%!*&!1!(1&=19 J)61)!39!)*!91?!)6%!>*,%2,* ;&' !39!\$81(%' !>3,9).!)6%!
+1(@2,* ;&' !1&' !961' 3&2!819)B! b 6%&! '*&%!(* ,,% ()8?!.!28199!\$13&)3&2!(1&!(,%1)%!9(%&%9!*>!=3+,1&)(*8*,!83@%!
)6%!' * <%9)3(!9(%&%!\$3(; ,% ' !6%,%B!M&!)639!\$13&)3&2.! e 1&)*,!96*A9!6%,!6 ;9+1&' !1&' !>%88*A!1,)39)!G* ,39!
e 1&)*,!\$,%\$1,3&2!1!<%18!3&!)6%3,!6* <%B! e 1&)*,H9!\$,%>,,% ' !9 ;+T%()9!3&(8 ;' % ' !&3&%)%&%)6c(%&); ,? !6* ;9%9!
9)388!83>9.!1&' !3&)% ,3* ,! ' * <%9)3(!9(%&%9B!
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1#VX!Q7#DX!!

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D8*&2!A3)6!R*+% ,)!V%&,3.!1*6&!Q8*1&!6%8\$%' !%9)1+8396!1!&%A!>* ,<!*>!9*(318!,%1839<!3&!\$13&)3&2B!G ;(6!*>!
639!A* ,@!>* (;9% ' !*&' ' * (; <%&)3&2!)6%!' 3II?3&2!%&% ,2?!*>!%=% ,? ' 1?!83>%!3&!X% A! d * ,@! : 3)?! ' ; ,3&2!)6%!
%1,8?!A%&3%)6!(%&); ,?B!V39!9 ;+T%()9!A% ,% ! ' 3=% ,9% !1&' ! ' ,1A&!>* <!188!A18@9!*>!83>%B!M&!)639!\$13&)3&2.!

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'?&1<3(9!61=%!189*!,%9;8)% '!3&!%&=3,*&<%&)18!'%=19)1)3*!&.=3*8%&)!(*&>83().!1&'!9),;();,18!3&%P;3)3%9!)61)!
\$,939)!*!)639!'1?B!D9!?*;!%5\$%,3%&(!)6%9%!1,)A*,@9!>(*&93'% ,U!!

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V*A!'*!,%\$,%9%&)1)3*!&9!*>!)6%!%&=3,*&<%&)!1&'!81&'9(1\$%!963>!)6,*;26*;)!)6%!A%&)3%)6!1&'!
)A%&)?c>3,9)!(%&);,3%9W!!

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b 61)'*!)6%9%!1,)A*,@9!,%=18!1+*;!)6%!3<\$!()9!*>!(*8*&3I1)3*!&.!981=%,?.!1&'!6%!
(*<<* '3>3(1)3*!&!>!&1);,18!,%9*;, (%9!*=%,!6%!\$19!)A*!(%&);,3%9W!!!

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V*A!'*!)6%9%!1,)A*,@9!'%<*&9),1)!%&A!1,)39)3(!,1'3)3*!&9!1&'!,%>8%()!'319\$*,3(!%5\$%,3%&(%9W!!

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X32%,31&.!^aa]- / ""!

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\$32<%&)B!C6%18*%&!>32;,%!.!1<*)3>!)61)!1\$\$%1,9!3&!*)6%,!*>!)6%!1,)39)H9!A*,@!>,*<!)6%!\$,3* '!.%,(1889!1!
9%&9%!*>!<%81&(6*83(1&*9)18231B!C639!' %83+% ,1)%8?!9%,%&! ' %\$(3)3* &!*>!Q; I6*; J 1!<1T* ,!<%), *\$*839!A3)6!
<3883* &9!*>!3&61+3)1&)9 J ,%= %189!)6%!1,)39)H9!>19(3&1)3* &!A3)6!(, %1)3&2!1,)!)61)!39!199%,)3=%8?!\$(3);,%9P; %!
,1)6%,!)61&!\$,*\$121&' 39)3(B!
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G%53(183!1,)39)!Q%,23*!G32;%8!\$,),1?9!\$%*\$8%!A6*!61=%!+%&!*<3))% '!* ,!<1,23&183I% ' !>,*<!1,)!639)*,3(18!
(1&* &9!(* <+3&3&2!%5\$8*,1)3* &9!*>!P;%%,!\$,9* &6** ' !A3)6!1! ' %%\$!@&* A8% ' 2%!*>!(*8* &318!71)3&!D<%,3(1&!
\$13&)3&2B!M&! .!G32;%8!,%>%,%&(%9!1!639)*,3(18!2%&,%!@&* A&!19! !i1,P;%+;93%,!
1&2%8j.!A63(6!% <%,2% ' !>,*<!)6%! : ;9(*!Q(6**8!%9)1+8396% ' !3&!9%=%&)%&)6c(%&); ,?!_%, ;B!G%8' 3&2!\$,%c
V39\$1&3(!M&' 32%&* ;9.!Q\$1&396.!1&' ! : 1)6*83(!%8% <%&9!)6%9%!\$13&)3&29!' %\$(3)!<1,)318!1&2%89!6*8' 3&2!1&!
1,P;%+;9!i1&!%1,8?!>3,%1, <j!,1)6%,!)61&!6%!),1' 3)3* &18!9A* , 'B! !\$13&)3&29!9; \$\$,%99% ' !

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N;?1&%9%.!+*,&!"^0[!

!"^Za!

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N3>)*>!1;83%!G(N%%.!:8199!*>!"^Z-.!3&!V* &*,!*>!S1=3'!:B!S,39@%88!VHZ^!

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O,1&@!L*A83&2!%<32,1)%'!)!7* & '* & !>, * < !L,3)396!N;31&1!i\$, %9%&)c'1?!N;?1&1j!3&!"^ \0.!2,1';1)3&2!

>, * < !)6%!R*?18! : *88%2%!*>!D,)!3&!"^[-B!C6, * ;26* ;)!639!\$, *83>3!(1,%%, .!L*A83&2!619!A*, @%'!3&!'3>>%, %&)!

9)?8%9.!963>)3&2!>, * < !>32; ,1)3=%!) *!1+9),1(!)\$13&)3&2B!V39!)3 < %!19!1&1,)39)c3&c, %93' %& (%!1!)6%!Q@*A6%21&!

Q(6**8!*>!_13&)3&2!1&'!Q(;8\$); ,%!3&!"^Za!\$, *=%'!) *!+%1&!3<\$*,)1&!)! < * < %&)*>!(, %1)3=%!5\$%, 3 < %&)1)3* &!

>*,!)6%!1,)39).!A6*!9**&!+%21&!3&)%2,1)3&2!>* ;&'! < 1)% ,3189!9; (6!19!>*1 < !1&'!\$819)3(!3&)*!639!' %&9%.!

)%5); ,18!(1&=19%9B!L*A83&2!(, %'3)9!)6%!8;96!9; < < %,)3 < %!81&'9(1\$!*>! , ; ,18!G13&%!19!+%3&2!1!9* ; , (%!*>!

3&9\$3,1)3* & !>* ;!

B!D>)% ,!9\$%&'3&2!9*! < ; (6!*>!639!(1,%%, !3&! ; ,+1&!1, %19!9; (6!19!X%A!

: 638%1&1\$13&)%,!R*+%,)*!G1))1!%9)1+8396%'!1!&%)A*,@!*>!,3%&'9!1<*&2!4;,*\$%1&!<*'%,&39)!1,(63)%()9!
1&'!Q;,,%1839)!1,)39)9!%=%&!+%>*,%!6%!1,,3=%'!*&!6%!X%A!d*,@!1,)9(%&%!3&!"^0^B!C6%,%!.!6%!\$81?%'!1!
\$3=*!18!,*8%!3&!6%!3&(%\$)3*!&!*>!D+9),1(!45\$,%993*&39<B!C639!;&)3)8%'!\$13&)3&2!'1)%9)!*!6%!&5)!\$619%!*>!
G1))1H9!(1,%%,!.!A6%&!6%!83=%'!1&!3)3&%,1&)!83>!3&!4;,*\$%!1&'!\$; ,9;%!'!A*,@!)61)!(\$196%'!A3)6!)6%!
%5\$%(1)3*&9!*>!639!4;,*\$%1&!1&'!D<%,3(1&!(*6*,)9B!G1))1!3&3)31)%!'!A*,@9!9;(6!19!)639!*&%!+?!<1@3&2!
;&(*&),*88%'!<1,@9!1&'!9<;'2%9!)61)!>,%%'!639!3<123&1)3*&B!V%!6%&!3&)%,\$,%)%!'!6%9%&*)1)3*&9!A3)6!
\$%&(38!1&'!(,1?*&9B! : 61&(%!1&'!3<\$,*=391)3*&!+% (1<%!)6%!
;&)63&@1+8%93%'!>!%539)%&(%B!73@%!639!>,3%&'!1&'!(*881+*,1)*,!G1,(%8!S;(61<\$!.!G1))1!<1'%!6;<1&!

ORDX : MQ!d477# b !i b DXL7M!e # dDe 4.! : DRRM4Q!CV4!4DN74j!

L*,&!_3%,,%.!Q*;)6!S1@*)1.!Y&3)% '!Q)1)%9!

71@*)1!1&'!D<%,3(1&!+*,&!"^!a!

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\$32<%&)!1&'!3&@!*&!>*;&'!\$1\$,!

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#28181!71@*)1!1&'!D<%,3(1&!+*,&!"^!\`!

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(,1?*&.!(*8*,% '\$%&(38.!1&'!>%8)c)3\$\$%'!\$%&!*&!8%'2%,!\$1\$,!

G;9%;<!_;;,(619%.!L1,+1,1!: **&%?!_*,)%;!O;&'!

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M&!)6%9%' ,1A3&29.!(*&)% <\$*,1,?!71@*)1!1,)39)9!SA1?&%! b 38(*5!1&'!O,1&(39!d%88*Al i b 1&+83!e *?1@%.!

E : 1,,3%9!)6%!4128%F!3&!71@*)1j!(,%1)!(*8*,>;8!' ,1A3&29!*&!1!96%!)!*>!>*;&'!1&)3P;%!8%'2%,!\$1\$,..!

%=*@3&2!1!&3&%)%&%)6c(%&);,?!\$3()* ,318!),1'3)3*!@&*A&!) *' 1?!19!8%'2%,!1,)B!C6%!* ,323&9!*>!8%'2%,!1,)(1&!

0% < 3&39)!1&'!1&)3cA1,!1()3=39)!X1&(?!Q\$%,*!'%'3(1)%!'6%,!1,)39)3(!1,%%,!)!*(6,*&3(83&2!9*(318!399;%9.! \$*83)3(18!(*&(%,&9.!1&'!)6%!%5\$%,3%&(%9!*>!A* <%&!*&!1!28*+18!9(18%.!*>)%&!3&!(*881+*,1)3* &!A3)6!6%,! 6;9+1&'!1&'!>%88*A1!,)39)!7%*&!N*8;+B!M&!)6%!""^`/9!1&'!""^Z/9.!Q\$%,*!(19)!1!(,3)3(18!8%&9!*&!)6%! =3*8%&(%! ;&>*8'3&2!3&!<1&?!71)3&!D<%,3(1&!(;*;&),3%9.!3&(8;'3&2!48!Q18=1'*,.!A63(6!A19!%<+,*38% '!3&!1!(3=38!A1,! >,*<!"^`^j""^^-B!M&!)639!(*8812%.!Q\$%,*!'%'\$3()9!1!<*)6%,!(,*;(63&2!\$,*)%()3=%8?!*=%,!6%,!(638'B!C6%!),3\$8%c,%\$%1)% '!3<12%!(*&=%?9!1!9%&9%!*>!<*)3* &.!9;22%9)3&2!)61!)!6%?!1,%!>8%3&2!* ,!%9(1\$3&2!'1&2%,B!M&!

C6!e*)1!*>!\$,%9%&)c

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