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! "#\$%&'()\*+,-. /0//1 !  
! !  
23,456-5,78,45!9:,-;6+4!<!9:=>.:5

!

!

\$-45+>?5!A+@!C:+,4!DE5=64!(6G:,HG:,4?!,4.=5=l=-64J>K,?B!7  
967?;,-!L44,457-5@7

MNN,?6!#=>94@7QW/@&0E @/07-P!9:>+4P7Q/B&0E&B/0!(R=;,-!8,-;! ,4!=-!R+,...54\*7?6  
C8744!\$-N+=H75>6@P7QS!IT6P-64P7QS!U#F&D&B0!(=-!V==H1  
C=>+46!T6R4,56@->.!W+,,.:54\*7?665\* @GGR+,,.:5B>K,?B?7

!

!"#\$%&'()\*#\*#%+#,+)-./01'.-.)201/(")3",(%-4)#++)\*#%+#,+)"+"2-/087328+0&)2#671()&"-30/89  
:%&8()-0)#2#\$"6%2)(1770/-)#&\$)0-."/)(/\*%2")#\*#%+#,+)-./01'.201/(")(%-9

)

703"/=);3%++)\$0)65),(-)0)(0+\*)-.\$66-6+78S!5:=>.:S!\$!X=>8P!784=!6-?=>+7.6!7-Q!45>P6-54!X:=!H,.:5!  
R6-6N,5!N+=H!5:6,+!46+K,?64!5=!+6.,456+!X,5!:5:6!C6-5+6!N+=!L??64,786%,67?7,646+K,?68G?78G  
X: 6+6!7??=HH=P75,=-4!7-P!=5:6+!4> \*\*+=+5!7-!R6!4=>.:5B

!

C=>+46!A64?+,\*5,=-!

!

9:,4! ?=>+46! ,4! 73\*8=+75,=-! =N! 23,456-5,78,4H! 7-P! 23,456-5,78,45! 5:,-;6+4! X,5:! 7-! 6H\*:74,4! =-!  
N, >+64! X:!=! 7+8844! ?=HH=-8Q! 8=?756P! 75! 5:6! ?6-5+6! =N! 5:,4! ,H\*+=+57-5! \*: ,8=4=\*,?78! 5+7P,5,=  
Y75:6+! 5:7-! N=?>44,-.!=! #>446+8S! #6,P6..6+S! 7-P!) 7+5+6S! 5:,4! ?=>+46! ,4! ,-56+6456P! ,-! 4=H6!=N  
X7Q! 5:75! 5:6! 23,456-5,78,45! 5+7P,5,=-! +64\*=-P6P! 5=! 7-P! P6K68=\*6P! \*S! 576,-! ,X! ,=-5!  
-6X! 7-P! K,R+7-5! P,+6?5,=-4B! ! #6-?6S! 5:6! ?=>+46! 457+54! X,5:! 5:6! (K6+Q! ?:7886-,-.1! X=+;! =  
2HH7->68! %6K,-74S! X:=46! ?=-?6+-! X74! \*7+5,788Q! 5=! -7K,.756! 7! -6X! \*75:! R65X66-! #>446+8! 7-F  
#6,P6..6+S! N=?>44,-.!=! 65:,?4! 74! 5:6! N=>-P75,=-! =N! 5:6! \*: ,8=4=\*,?78! 6-P67K=>+B! ! \$-! 5:75! \*7+5! =  
5:6! ?=>+46S! X:,?:! 457+54! >4! ,-'Z&04! U+7-?6S! X6! X,88! 47H\*86! %6K,-74! 7-P! 784=! +6K,6X! 4=H6! =!  
?+=6!,P674! N+=H! #>446+8! 7-P! #6,P6..6+B! ! W+=7P6,-.!:5:6! N,68PS! , -:5:6! -635! 46?5,=-! X6[88! ?=-4  
\,4:,57-,!]6,l,S! =-6! =







)C#2Aa%2

!  
!

T66;!@! 9>64"! F7->7+Q!A=23,456-5,78,46788Q!23,45  
)56\*:-!C+=X688S!e23,456-5,78,4HB(!)57-N=+P!2-?Q?8=\*6P,7!=N!":,8=4=\*:QS!/0/0!  
(:55\*4@GG\*875=B457-N=+PB6P>G6-5+,64G1!9:44,47!>46N>8!+6N6+6-?6!  
5:+=>.:=>5!5:6!?=>+46S!64\*6?,788Q!,N!Q=>!P,P-[5!57;6!":,8/"B

!

"LY9!M2@HH7->68%2c\$L)  
9:6!,-5+=P>?5,=-!5=!%6K,-74!,-!5:6!)57-N=+P!2-?Q?8=\*6P,7!,4!7!>46N>8!+6N6+6-?6!N  
5:,4!\*7+5!=N!5:6!?=>+46B!\$!H6-P!,5@!W655,-7!W6+.=S!e2HH7->68!%6K,-74S[!/0'Z!  
(:55\*4@GG\*875=B457-N=+PB6P>G6-5+,64G86K,-74G

!

T66;!/@! 9>64P7Q !F7->7+Q!W65X66-!#6,P6..6+!7-P!#>446+8  
W655,-7!W6+.=S!e%6K,-74!76P8B[40=+.7-!(6A!\$E<0/\$)g#&\$,008)0<)  
:"\*%&#B!M3N=+P!a-,K6+4,5Q!"+644S!/0'Z!(?!7\*56+!m1

!

T66;!&@! 9>64P7Q! F7->7+Q!W65X66-!#6,P6..6+!7-P!#>446+8!/  
O,?:768!U7.6-R875S!e%6K,-74!7-P!#6,P6..6+B[!O=+7\*!)(6P0/\$)g#&\$,008)  
0<):"\*%&B(M3N=+P!a-,K6+4,5Q!"+644S!/0'Z!(?!7\*56+!^1

!

) ) h%\$-"/6)#((%'&6"&-)X1"(-%0&())%(1"\$

!

T66;!m@! 9>64P7QU6R+>7!Q!655,-.!M>5!=N!W6,-.  
2HH7->68!%6K,-74S!eM-!24?7\*6B[!%6G(24S!B!)57-N=+P!a-,K6+4,5Q!"+644S!  
/00&S!\*\*BnZ&!

!

"LY9!9TM@!\\$)#\$9L\$,\$,!,!

!

T66;!^@ 9>64P7QU6R+>7!Q!23,456-5,78,4H4!W6Q=-P!2>+\*=6  
W+65!A7K,4S!e\=5:,-.!O75!S+@!":,8=4=\*:6+!0Z@'!  
(:55\*4@GGXXXB5:6\*:,8=4=\*:6+'Z/&B=+!GP7K,4

!

T66;!\_@! 9>64P7Q!U6R+>7!Q!W6Q=-P!\=5:,-.-644  
f74>=A6.>?:,S!e\,4:,57-,!=-!2H\*5,-644!7-P!\=5:,-.-644B[!\$-!%,>!<!W6+.6+!(6P41S!  
i0-.%&'&"(()%&)](%#&)\.%+0(B!7.5>586P.6S!/0'm!(?!7\*56+!/01

!

M\*5,=-78@  
U+6P!A788H7Q+S!e\=5:,-.-644!K&57! @!LIC=H\*7+,4=-!N!#6,P6..6+!7-P!  
\,4:,57-,B[.\.%+0(07.5)G#(-)#&\$)BS!m/G!'(ZZ/1S!\*\*BmB!  
P=,@'0B/&0nG'&ZZ\_Z0

!

T66;! n@! 9>64P7Q U6R+>7eQ2L\$D!T22] !  
!  
T66;!@! 9>64P7Q O7+?:!d!MK6+?=H,\,.,8,4H!  
\,4,:57-,!j6,l,S!e\,.,8,4H!74!63,456-?6[!7-P!e9:6!O67-,-.!N!\,.,8,4H!N=+!F7\*7-B[!  
\,4,:57-,!j6,l,S!9:6!68MK6+?=H,-.!N!\,.,8,4HB!)a\fs!ZZ0!(?:7\*56+4!k!Z1  
!  
) ) R%&#+)#((%&6"&-)X1"(-%0&0)%((1"\$  
)  
"LY9!9#Y22@!,QaYAMC#  
!  
T66;!Z@! 9>64P7Q O7+?:!d!":,8=4=\*:Q!7-P!%,56+75>+6  
\$,4!O>+P=?:S!e%,56+75>+6!7-P!":,8=4=\*:Q@!L!C=-K6+475,-!X,5:!W+Q7-!O7.66B[!\$  
O>+P=?:S!E%(-"&-%#+%(-)#&\$B!56-%2('ZZI>(\*7+5!=-6S!\*\*B&01  
!  
T66;! '0@! 9>64P7Q!^!O7+?d!23,456-5,78,454!7-P!OQ45,?4  
\$,4!O>+P=?:S!e9:6!>R8,H6!7-P!5:6!D==P[!7-P!e23,456-5,78,454!7-P!OQ45,?4B[!\$-!  
O>+P=?:S!E%(-"&-%#+%(-)#&\$B!56-%2('ZZI>(\*7+5!N,K6S!\*\*B&8m!  
!  
"LY9!UMaY@K,R!WYLO  
!  
T66;! "@!! 9>64P7Q O7+?:!d!23,456-5,78!O7.,?  
A7K,P!LR+7HS!e9:6!2?=8=.Q!N!O7.,?B[!\$R!A7KSP!6!)\*688!N!5:6!)6-4>=>4b!  
"6+?6\*5,-!7-P!%7-.>7.6!,-!7!O=67-E#>H7-!T=+8PB!c,-57.6S!ZZn!(?:7\*56+!  
'1!  
!  
T66;! /@!! 9>64P7Q O7+?:!d!2?=8=.,?78!":,8=4=†:Q  
A7K,P!LR+7HS!e":,8=4=\*:Q!=-!5:6!T7Q!5!2?=8=.QB[!\$-!A7K,P!LR+7HS!9:6!)\*688!N!  
5:6!)6-4>=>4b5+?6\*5,-!7-P!%7-.>7.6!,-!7!O=67-E#>H7-!T=+8PB!c,-57.6S!  
'ZZn!(?:7\*56+!/1  
!  
T66;! '&@! 9>64P7Q L\*+,&!!"\*%3)0-A"6"()#&\$) ;\$"#(!  
!  
! ! %745!?8744!T6P-64P7Q!!L\*+,8  
!  
) ) R%&#+)#((%&6"&-)A1"(\$#5)LN)]7/%+=)NVWPQ  
!  
!  
!  
"86746! -=56:75!788!744,-H6-54!N=+!5:,4! ?=>+46!7-P!788!H756+,784!\* =456P!5=!W+.,:54\*7?6!7+6  
, -56886?5>78!\* +=\*6+5Q!N!HQ468N!7-P!5:6!a-,K6+4,5Q!N!c,?5=+,7B!A!=-!5!?, +?>8756!5:,4!H756-  
,5!5!=-!56:7+,-!4,564!X,5:=>5!HQ!\*6+H,44! =-45,-! ?=>+46!H756+,784!5=-4-56-.!4,564+!  
=5:6+X,46!?, +?>875,-! ?=>+46!H756+,784!X,5:=>5!5:6!\*6+H,44,-!N!Q=>+!, -45+>105+%25)87564!5:6  
0&)]2#\$"6%2);&-"/%:55\* @GGX6RB>K,?B?7G?786-P7+GULC)Ga-\$-GalYB6G"=L?\$B:5H8  
!  
!

L""2A\$o@!ac\$C!DYLA\$!D!YaWY\$C

!

:55\*4@GGXXB>K,?B?7G?786-P7+G>-P6+.+7PG,-P63B\*:pG\*=8,?QG)'LL.=D>ckR?q5+>6<R?C>++6-5q'mj/  
0D+7P,-.<R?\$56H9Q\*6q\*=8!?,64

L!\*+,H7+Q!\*>+\*=46!=N!6K78>75,=-!7-P!.+7P,-.!,4!5=!N>+5:6+!6NN6?5,K6!567?:,-!7-P!867+-,!.B!L-Q!\*+7?5.



U7,8,-.!D+7P64

D+7P6 D+7P6! "=-"6+?6-57.6! A64?+,\*5,±-  
c78>6

X,88!R6!=NN6+6P!7-P!,N!5:6!\*6+?6-57.6!+7-.6!K7+,64!X:6-!7.  
56?:-,`>64!7+6!7--=>-?6P!75!5:6!R6.,--,-.!=N!5:6!/?=>+46B

U      0!              0!E

D+7P6!-=564