8>32!5E2@!E<62!5E2!=978275!

?9 = <?! < D64893@!B9 < 3D0!&E2!**&'!P < = 4?45428!722D!59!B2! > IO3 < D2D! < 7D!32I? < = 2D0! + 5!5E48!I9475:!E2!8E < 32D!

 $<32!2HI2=5470!<B9>5!\\YYY!I<354=4I<7580!\&E2!8>362@!<8F8!85>D2758!59!D2?472<52!>7=9AP935<B?2!8I<=28!89!\\5E<5!% $"!=<7!B2=9A2!A932!47=?>84620!!$

- 30!, SI2G!<7D! - 30!R23<4!72H5!I3282752D!<!8?4D2!K45E!2H<AI?28!9P!A4=39<0032884978:!<?970!K45E!K<@8!59!
475236272!47!5E2A:!<7D!<8F2D!P<=>?5@!59!52??!5E243!85>D2758!<B9>5!5E2!8>362@0!&E2!85>D2758!KE9!K232!
82?2=52D!P93!5E2!8<AI?2!8E9>?D!B2!27=9>3<02D!59!=9AI?252!450!#7!5E2!P<??:!5E2@!47527D!59!E<62!P9=>8!
039>I8!K93F470!97!5E2!D<5<!P39A!5E2!8>362@:!47=?>D470!=32<5470!<!8

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<7D!<!, <547H!; <=>?5@!+??4<7=2!E<8!B227!32=275?@!?<>7=E2D0! - 30!R23<4!K4??!?2<D!<!D48=>88497!47!+ I34?!97!
O255470!47!59>=E!K45E!.#UT*!P<=>?5@!47!@9>3!D2I<35A2750!&E232!E<8!<?89!B227!<!I3972=5!D972!B@!<7!
>7D23O3<D><52!85>D275!97!0272<?90@!47!=>334=>?>A:!I328275470!<!?485!9P!=9>3828!97!3<=2:!89=4<?!!Z>854=2:!
<7D!32?<52D!59I4=8!5<>OE5!847=2!5E2!VW\Y8!47!89=4<?!8=427=28!<7D!E>A<7454280!
&E2!72H5!^>285497!K<8!<!=9AA275!5E<7F470! - 30!R23<4!<7D! - 30!, SI2G!P93!5E2!3289>3=28!5E2@!E<D!
I3964D2D:!P93!P93K<3D470!95E23!3289>3=28:!<7D!P93!=32<5470!599?8!P93!P>5>32!02723<54978!9P!85>D27580! - 30!
R23<4!<DD2D!5E<5!5E232!48!=>33275?@!<7!47454<?!599?F45!97!5E2! - '#!K2B84520!(<P2R972!53<47470!=<7!<?89!E2?I!
K45E!=32<5470!8<P2!8I<=28!P93!, ).&_+g!85>D27580!!
+7!+882AB?@!A2AB23!5E27!<8F2D!<B9>5!5E2!D2=?472!47!#7D40279>8!2739??A275!D>2!59!*T f#-!I<7D2A4=!
2PP2=58:!<7D!K93342D!5E<5!K2!A<@!795!E<62!<7!2<8@!32=9623@!P39A!5E480!N9K!K4??!% $ " !E2?I !85>D2758!47!
A < 3047 < \frac{1}{2} = 2201! - 30!R23 < \frac{1}{2} = 2201! - 30!R23 < \frac{1}{2} = 2201! - \frac{1}{2} = \frac
KE9!K4??!B2!53<7845497470!59!=2753<?!=<AI>8:!<7D!KE9!E<62!?985!<!@2<30!&E232!48!<!B34D02!I3903<A!5E<5!
+ A 234=<7!#7D4<7!(5>D275!(2364=28!930<74G28)!&E232!<32!<?89!I3903<A8!B2470!D48=>882D!59!E2?I!85>D2758!
K45E!?985!=32D45!E9>38:!59!8>II935!5E2A!47!5E2!P4385!@2<3!9P!=9A470!B<=F:!25=0:!B>5!5E2@!E<62!795!@25!B227!
P47<?4G2D0!+??!47!<??:!%$"!A>85!<DD3288!5E2!^>285497!9P!K2!K4??!D9!=9??2=5462?@!59!8>I I 935!85>D2758!47!
8>=E!845><549780! - 30! , $12G!<DD2D!5E<5!4752382=5497<?45@!48!B2470!>82D!<8!<!599?!59!A<I!KE9!48!795!=9A470!
B <= F: 18 >= E! < 8!47628540 < 5470! KE25E23!45!48!53 > 2!5E < 5! + A234 = < 7! \#7D4 < 7! K9A27! KE9! < 32!P4385L027!85 > D2758!
<32!795!=9A470!B<=F!<5!5E2!8<A2!3<52!<8!5E982!KE9!=9A2!P39A!<!82=97DL02723<5497!E9>82E9?D0!
U39P28893!R4AA23A<7!=97P43A2D!5E<5!5E232!E<8!B227!<!D39I!47!#7D40279>8!2739??A275!<5!%$"L)<??>I\(\ell\)!
+8!5E2!I328275<5497!E<D!32<=E2D!5E2!?4A45!9P!458!54A2:!5E2!+882AB?@!5E<7F2D!-30!R23<4!<7D!-30!,\\SI2G!P93!
5E243!47P93A<5497:!<7D!5E2!0>2858!<7D!5E2!2H2=>5462!52<A!?2P50!
E!F>GSF!K0
                                                                        ER@@FERI, \$E > 0 \ 0 \ F! \ ! \ KK \$\$
                                                                                                                                                                       L@ E , @ > ISG YRENK@ , $$$
-#(*%((#T$!!
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- 30! 1 >=E23<!8<4D!5E<5!5E232!K232!5K9!452A8!P93!5E2!+882AB?@!59!<II39620!&E2!P4385!K<8!<!; 93A!*!P93!5E2!
+889=4<52[8!47!*34A47<?!C>854=2:!, <K! '7P93=2A275!53<=F0!&E48!I3903<A!K<8!32=9AA27D2D!P93!D2?25497!
B@!5E2!I3903<A!I3493454G<5497!=9AA45522:!B>5!5E2!*>334=>?<!*9AA45522!E<D!3272=52D!5E2!; 93A!*!5E<5!
K9>?D!D2?252!5E2!I3903<A:!<7D! - 30! 1>=E23<!>302D!5E2!+882AB?@!59!D9!5E2!8<A20!!

F\$. A0#*''&*\\$''-\\$/AD F\$. A49\F4152\IT\ff 3 . 6 0 0 462 0 29 . 646-116\IT\ff\T4\IT\ff (!)\T\IT\ff (B@!)-1(5)-1(1

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F$ . AO#$*A$&PP4AO#$*''#$%A4 . $E$BA4$*''#$D#)#*IA2$AB$*''#$ , () , ($12$E41 . 12&)$C(-*1'#$EA44#'*1A2-()$
$
O A*IA2:$*<39?@7! 1 >= E23<!
M#'A2D#D:$ / 28!
L1-'(--1A2:$$972!
HA*#0!%7<74A9>8!
O A*IA2$E&441#D0! / 28!
!
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- 30! (<B347<! 'GG2??:!5E2!=E<43!9P!5E2! - 2<7!9P!#7853>=5497[8!+=<D2A4=!#7796<5497!

722D!5E322!59!P462!72K!P<=>?5@!59!82362!97!45!<8!82623<?!A2AB238!E<62!32<=E2D!5E2!?4A45!9P!5E243!523A:!<7D!47!I<354=>?<3!K4??!

U39P28893! - E45<?!<8F2D!4P!<7@972!F72K!KE<5!6<==47<5497!262758!A40E5!B2!E<II27470!5E48!K22F27D0!
U39P28893!R4AA23A<7!8<4D!59!=E2=F!47!K45E! " 30! , 22! , <AB:!KE9!P32^>275?@!827D8!9>5!5E48!47P93A<54970!
- 30! ' GG2??!8<4D!5E<5! J " *N!I9858!5E243! *T f# - !6<==47<5497!=?474=!54A28!<7D!D<528!97!5E243! ; <=2B99F!
I<020!+7D!U39P28893! " >5E<4@<7!<DD2D!5E<5!<??!E40E23!2D>=<5497!2AI?9@228!<32!79K!2?404B?2!P93!5E2!
6<==4720!

, E ! F > G \$ F ! K 0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ LC > R@G 0 KG ! \$!

F\$. AO#\$*A\$&DZA(420\$