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& =2". "#% / ! 01223-4.3! 5 -6783-9! : 4; <.7! =>73<! ?9! : 4!..<7@! A; 67B9! &<C7618-! 27! ' 7; <9! D>?.1<! E 748-2; 9! F47?3.-! 03-4! G19! H-14-! I 747B9! I 7.4! %3>2! <; J9! +7??1477! %>7J-?!

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& <1." #% / ! I-.4! 81-! * 7K-6-2; 9! +-! ?@! I-2! 166-9! =-47<! I-4-2-9! D; 876@<! : -62; <9! &?367@! +7L-LL-!

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\$ & % (#) M! # (, E ! N! <>>2(0\$?&(@&%A"&< , "#B\$!

& + (%*(#!.;!-LL4; J7!.37!-K7<2-!O@!CD&!A\$2*#@9! ?78; <2!O@!ED&' -"0\$.9!P; .1; <! ' <FFGH!\$!

#5 \$

& % (#) M! # (, E ! N! <>>2(0\$?&(@&%A"& + *#-%".& (@& I J% (1"2& : 35&6738! + (%*(#!.;!-LL4; J7!.37!P! <>.7?! ; G!) 8.; 074! Q"9! RS" T! O@! ED&' -"0\$.9! ?78; <2!O@!KD&L (? "M9! P; .1; <! ' <FFGH!\$!

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5 \$ IU : ' # % ! %) E E , M (! V !

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04;>K3.!>L!Y-?!078->?!, -?!.: -@!?!; <?!; G!37!P ; ?!.2!J74?7!8- PL>???!<!37!8; >.4@!&?!
 &0#9!Y7!Y-<!.; !04!<K!1<!37!127-!; G!1<86>?!; <!-<2!>LL; 4!G; 4!127-?!3-.!04!<K!-<2!0>162!
 7PL-.3@!-4; ><2!37!2!GG747<.!8>6.>47?!Y7!3-J7\$! (37!47-?; <!Y3@!.3!?!8; >4?7!Y-?!04;>K3.!
 >L!?!078->?7!1.!0>162?!7 PL-.3@!-<2!Z<; Y672K7!; G!2!GG747<.!8>6.>47?!0.>27<?!7<2!.; !2; !
 Y766!Y37<!.37!4!127<!.@!?!476678.72!<!37!4!8; >4?7?!-<2!078->?7!; G!.3!?!9!.3747!-47!07..74!
 ;>.8; P7?!; <!?.-<2-42!B72!7??.?!ED& ' -"0\$.!-?Z?!1G!.3!?!Y; >62!07!-!07<-7!47?; 6>.1; <!-<2!
 <; !-!.; -42!47?; 6>.1; <S!KD&R -"A#*.!?.-7?!3-.183-<K7?!Y166!<772!.; !07!P-27\$!!
 + (%(#!;!?.4!Z7!;>!.:) +!-<2!47L6-87!1.!Y1.3!07<-7!0@!ED& ' -"0\$.9!?!78; <2!0@!!
 =D& ' A-B*#(0!P ; .1; <! ' <FFGH!\$!
 + (%(#!;!-2; L!.37!*7?; 6>.1; <!<0>LL; 4!; G!& : NQQ"!0@!<??9!P ; .1; <! ' <FFGH!\$!

496S!

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 (37!07<-7!Y166!2!78>?7!-Z!<K!\QS!G4; P!37!07<-7!0>2K7!.!; !L>483-?7!-!-067!G; 4!8>6.>4-6!
 G; ; 2!J?<-8Z?!<!37!&0#; GG!87!Y-1.1<K!-47-\$!
 CD& !A\$2*#!?-.7?!?37!4787!J72!37!127-!G4; P!-!G4!7<2\$!&!G7Y!Y77Z?!-K; 9!#!04;>K3.!?; P7!
 &GK3-<!8-<2!7?!.; !37!; GG!87!-<2!#!4787!J72!L; ?!1J7!47?L; <?7?#!Y; >62!07!<187!.; !3-J7!
 ?<-8Z?!?; !3-!Y7!8-<!7<C; @!#!<!-!2; 8>P7<9!#!?3; Y72!37!P7-?>47P7<?!; G!37!-067!-<2!1!
 8-<!07!-2C>?72!.; !-<@?!B7\$!ED& ' -"0\$.!-?Z?!1G!.1!Y166!07!; L7<!.; !-66!?.>27<?!CD& !A\$2*#!
 ?-@?!1!Y166!07!; L7<!.; !-66\$!<D&B"t" (#!-?Z?!1G!; .374!?.>27<?!8; >62!04!<K!; .374!3!<K?!.; ; \$!
 CD& !A\$2*#!?-.7?!37@!-47!Y768; P7!.; \$!ED& ' -"0\$.!-?Z?!13; Y!?37!L6-<<72!.; !6-076!37!G; ; 2\$!
 CD& !A\$2*#!?-.7?!?37!Y166!67-J7!; >!.?!18Z@!<; .7?!; <!37!-067\$! (3-!Y-@!L7; L67!8-<!Z<; Y!
 Y3-.!37!G; ; 29!Y3747!1.^?!G4; P!-<2!Y3-.!1!3-?!RD&E*.A\$2((#!-?Z?!Y3747!37!G; ; 2!Y166!K; \$!
 CD& !A\$2*#!?-.7?!3-.!37!-067!Y; >62!07!L>.!0@!37!Y-.74!-<2!24!<Z?#!RD&E*.A\$2((#!?.-7?!
 .3747!1?!-!-067!-647-2@!.3747\$!CD& !A\$2*#!?-@?!3-.!?!37!1?!<; !?>47!1G!14!2589.92cBT. YG!66G; !L672!
 Y; >62!Y-<!.; !3-J7!37!4!; Y<!74!2589>GG!3747!RD&E*.A\$2((#!P7<.1; <?!4!25833!Y166!3-J7!
 .; !-6Z!; !E?#!' !6!078->?7!37!-47-!?!-647-2@!8; PL-8.72!Y1.3!?.>GG\$!&<; .374!L; ??!067!L6-87!
 !?><274<7-.3!37!0>667.1<0; -42\$! (37!?!78; <2!.3!<K!?!Y3; !!?!K; !<K!.; !07!47?L; <?!067!G; 4!
 867-<!<K!1.!078->?7!3!?!0>162!<K!2; 7?!3-J7!P187\$! =D& ' A-B*#(0!-?Z?!Y3747!37!?!<-8Z?!Y166!
 07!8; P!<K!G4; P!-<2!1G!?37!3!<Z?!3-.!-!6; .!; G!?.>27<?!Y166!04!<K!<!<?<-8Z?#!CD& !A\$2*#!?-@?!
 .3-.!L7; L67

R!

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M; J7P074! RS³⁹! .3747! Y166! 07! A6; 0-6! &LL4781-.1; <! 2-@! 1<! .37! E I *! -<2! Y7! Y166! 07!
8; 66-0; 4-.1<K!Y1.3!; .374!86>0?!; <!8- PL>?! a ; >!8; >62!6; ; Z!1<. ; !3-J1<K!37!?!<-8Z!.-067!G; 4!
.3-.!7J7<.\$!

3797S!

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%\$!+#0%U00#) M!#(, E !N!G%U.& I #&P.&

(37!07<-.7!Y166!21?8>?!37!L4; 2>8.1; <!; G!-<!-<<>-6!#. ^?!) <!U?! , J7<.\$!
ED& ' -"0\$.!?.- .7?!.3-.!?!37!04;>K3!.!31?!.; !.37!07<-.7\$#!Y; 4Z!1<!37!0.>27<.!&GG-14?!) GG187!
-<2!Y7!Y747!.-6Z!<K!-0; >!.31?!Y1.3!D- P7?!% -44; 66!-<2! E -4.1<!% -?.166;\$! (37@!?!3; Y72! P7!
-<!7J7<!.1.3-.!3-?!-647-2@!077<!L6-<<72!.; >.!Y3183!?!3762!-<<>-66@!G; 4!&.367.7?!-<2!A477Z!
' 1G7\$!#G!@; >!6; ; Z!-!.37!?.- .?!.3; ?7!-47!37!P -!<!Y; !L; L>6-.1; <?!3-.!K7.!8; <<78.72!.; ! (1.67!
#b!8-?7?S#!.3;>K3!.!3-.!1.!Y-?!.-4K7.72!G; 4!37P!-<2!1!.212<^.!?77P!6!Z7!-<!#.^?!) <!U?!7J7<.9!
Y3183!?!; L7<!.; !.37!L>0618\$#!Y-<.72!.; !?77!Y3-.!@; >!-66!3;>K3!.!-0; >!.1.\$!RD&E*.AS2((#!
?.- .7?!.3-.!G4; P!31?!><274?.-<2!<K9!2>4!<K!) 0- P -^?!L47?!127<8@9!37@!?.-4.72!37!#. ^?!) <!U?!
8- PL-1K<\$!&0#!?L7-437-272!.37!7GG; 4!-<2!#!.3!<Z!37!U<1J74?!@!.; ; Z!?!; P7!; G!37!#. ^?!) <!
U?!6; K; !-<2!>?72!1.9!-.!67-?.!!<!W*\$(37!(1.67#b!?.>GG!-<2!7^>-6!-??->6!-47!37!U<1J74?!@^?!
47?L; <?!10161.@!-<2!?!3;>62!<; !!C>?!.!; <!; <7!K4;>L!.; !2;\$!D- P7?!-<2!D7<<1G74!G4; P!37! * & X!
-<2!03- Y<-!G4; P!8; >>?76!<K!.; ; Z!1!.; <!37!47?L; <?!10161.@\$(37!+#0%!Y-?!<; !6;<K74!K; 1<K!
.; !L4; J!27!G><2!<K!G; 4!37!7J7<?!3-.!37!-.367.7?!-<2!A477Z?!Y; >62!.4-2!1.; <-66@!K; !.; \$!
(31?!1?!3; Y!.; !.37!7J7<!.1.3-.!+\$!%>7J-?!?L; Z7!-0; >!.8- P7!-0; >.\$!#<?.7-2!; G!3-J1<K!&0#!
L-@!G; 4!-66!; G!1.9!#!?-12!3-.!.; .374!27

Q!

