

! " #\$\$%&' ()\*+, -\*&. , -\*(/01\*\$-' 23)&45267\$898: ;898<\$

#\$\$%&' (!#\*+, )!#\*&' +!- . /O. 1\*+)!2. //3&' +!2&' )!+4!3\*5!67. 8!9O: . /43' 4!#/+!; +43&+\$!73' \$!<. 4&. ' (!=. /!  
>. OO?' &@34&. ' !=. /!3!A&/4?3\*!>B3/3@4+/!CB/. ?DB!4B+!2+' (!.=!>B3/3\$+(EF!! " #\$\$%&' ()\*+, -)\$(  
-(\$&' /0,\*)\$GH)!'. 5!H!JHKHILMHN5!B44: (MO\$. &. /DO"K5""GPOIPNOPNP5!R<>!#?4B. /J(LM! "#\$%&  
' )\*( +"%5!

#D+/D33/\$)!S&' +)!3' \$!; 3T&\$!U3/+')!+\$ (5!1-\*, 23)45)\$, (\$1/-&+6\$75,)4&56\$ (8\$95' 2+05!V. ?4\*+\$D+)!HKHG5!  
R<>!#?4B. /J(LM, -. #/&O-)%\$5!

#D. W)!X3@B3/1)!<8%+!Y3\$. O(%8)!3' \$!<3Z!S&\$[&' (%35!67+\*\*. )!\ +]/+!^B&\*. (. : B1!&' !4B+!\ &\$5F!: 4;2,\*\$  
: 0,2-)/0<\$=-4&' 2P)!'. 5!H!JHKHIL5!B44: (MO: ? B? 5& 5O(?5+\$?0: /. 7+@4(O: ? \*@: B&\*. (. : B1`  
L. ?/' 3\*T. \*P' . `H5!R<>!#?4B. /J(LM 1 #2%&3-/( \* 42#5!

#\*+, 3' \$+!)V&+1!a5)!<313!<5!; &b/&(@B&3)!<3/D3/+4!c5!; . ?\_O3' )!+4!3\*5!6d(&' D!2. @%`&' !; +4+@4&. ' !4. !  
R?&\$!3!R3/@. \$+!S@3' ' +/5F!! >5&,\*' (\$=-4&' 2-\$: 0<,\*\$e")!' . 5!"H!JHKHILM"KHI f!K5!  
B44: (MO\$. &. /DO"K5""eOP5K"P"GH"5!R<>!#?4B. /J(LM 1 #56-%"&' (%5!

#\*^ h3((+O)!7?((3&' )!2+(\*&+!>B+ D)!3' \$!i &\_3. !^3' 5!6j ' !S&' D?\*3!/9' 4+D/3\*(!3' \$!<3, &O3\*j : +/34. /( !  
#\*. ' D!S?/=3@+(!.=!V+T. \*?4&. ' !. ' !^/. \$?@4!; . O3&' (5F!=-4&' 2-\$-#'+05>' +,\*' 23(5@4' 2+,5)\$"N!  
JHKHILMNI efPe5!B44: (MO\$. &. /DO"K5N"PI OZ O& HKHI `N"GO5!R<>!#?4B. /J(LM 7%4"#%&86%\$95!

k k k 5!6j ' !4B+!R. ?' \$+\$' +((!.=!3!b3O&\*1!. =!j (@&\*34. /!S&' D?\*3!/9' 4+D/3\*(5F!" ->/+5)\$A5(84)B\$  
#'+0C>' +,@45\$!g")!' . 5!Y4Q\*1!B44: (MO\$. &. /DO"K5N"PI OZ O&

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k k k 5!6b++\*8' D! =. /!#?D?(4&' +5F!" 2')), \*' 28! (+@4,+<\$GI !JHKHGLM" f" Q5!  
[B44: \(MOO\\$. &. /DO"K5"PHPO@35HKHG5GI 5"5"5!](#)

k k k 5!6b. /+8. /\$5F!9' !

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b\*. 8+!)>B\*. +5!6CB+!a, +O: \*3/1!Y3O+MY. & D!4. !\ 3/!8&B!75Y5!\ +\*\*(!C. 1!S. \*\$&+/(5F!" 0,28&5(0)\$  
7,+5&! +4&5\$P"!JHKHILMHGFPK5!B44: (MOO\$. &. /DO"K5" IPI O@B"5HKHI 53QeQI eN5!

b. \*@. )!<3/83' 35!6CB+!- +?/. \_&. \*. D&@3\*!9O: 3@4!. =!C/3?O3!. ' !i . ?4B!; +T+\*. : O+ 4MV+(4. /& D!  
V+\*34&. ' (B&: (!3' \$!V+D?\*34&. ' !CB/. ?DB!S: . /45F!" 0,28\$' (8\$! 8-25)\*5(+\$1-\* , '2\$D-&K\$=-4&(' 2)!HKHI 5!  
B44: (MOO\$. &. /DO"K5"KKN0("KPgK`KHI`KKeIN`85!

b/3@[1%]<8%. \*3Z!Y+D+\*1!73/@. ()!^+4+!<3D3!+4!3\*5!6CB+!; + ' (&4!71: . 4B+(&(!=. /!7. /&[. ' 43'  
b3O&\*&+(!. =!2344&@+(5F!! >5&, \*\* (\$=-4&(' 2\$-?&#'+05>' +,\*)\$"Gg!JHKHGLM"KNFgK5!  
B44: (MOO\$. &. /DO"K5" IPI O3ZO5HKHG53e"NPGK!R<>!#?4B. /J(LM, A()/A%&1 #"#B%. #B5!

b/3' @\*)!<@B+\*\*+5!6>B34Y^C!S3T+(!4B+!; 3!5F!! ' +4&5\$" 05>,) +&<\$"P!JHKHILMQeKfE"5!  
B44: (MOO8885' 34?/+5@. O03/4&@\*(O(G"PPN`KHI`K"HPI`N5!

k k k 5!6; +@+ 4/& D!4B+!>+ 4/3\*!S@&+ @+5F!! ' +4&5\$" 05>,) +&<\$"P)! . 5!"K!JHKHILM"!"efHK5!  
B44: (MOO\$. &. /DO"K5"KI QO(G"PPN`KHI`K" I I g`P5!

k k k 5!1+55/58\$%05\$" 05>,) +&<\$-?&5' 5!V. 13\*!S. @&+4!1. =!>B+O&(4/1)!HKHG5!; j 9M  
"K5"K!eOeNQ"Q!NgNK!Q!5!

k k k 5!6\ 4"e=5F!! ' +4&5\$" 05>,) +&<\$"g)! . 5!"fH!JHKHIL5!B44: (MOO\$. &. /DO"K5"KI QO(G"PPN`KHI`K"GKe`  
P5!

Y3. )!i 3Z& D)!V3' !#')!{ &?, &?!7?3' D)!+4!3\*5!6aW+@4T+ +((! . =!^B. 4. \_&. O. \$?\*34&. ' !=. /!^+. : \*+!8&B!  
#D+ V+\*34+\$!>. D' &4T+!9O: 3&/O+ 4M#!S1(4+O34&@!V+T&+8!3' \$!<+43`#' 3\*1(&(5F!7')5&)\$, (\$  
#58, \*\* 2\$1\*, 5(5\$! Q)! . 5!H!N!JHKHIL5!B44: (MOO\$. &. /DO"K5"KKN0("K"KI`KHI`KI Qee`Q5!R<>!#  
#?4B. /J(LMM%#46%\$&7#>5!

Y+\_3?+!)!V@B&+!3' \$!c+ ' &=+!CB3/: 5!6S4/34+D&@!^3/4' +/(B&: (M>?\*4&T34& D!#\$T&(& D!2+3\$+/(!#@/. ((!  
4B+!d' &T+/(4!15F!9' !! \*\*85>,\$! 8F.), (H\$! 8>., )+&' +, -( \$O))5(+, ' 2\$P(-J258H5\$' (8\$1K, 22)\$2-&\$+05\$TX)+\$  
" 5(+4&+!+\$&+!\_1!S?(3' !<5!>3O: \_+\*\*!)>3\*\*+!S4+T+ ' (!C31\*. /)!3' \$!<8%+!; &3')!H' \$!+5\$!  
V. ?4\*+\$D+!HKHI 5!R<>!#?4B. /J(LMD#56#%&3%; ->%)5!

Y&3@. O?@&!)S@. 44)!c. (B?3!<3/I ?&!)V3@B+!S3@@3/+\*\*!)!+4!3\*5!6^(1@B. \$/3O3!Y/. ? : !^(1@B. 4B+/3: 1!3(!  
3' !aW+@4T+!C/+34O+ 4! =. /!^CS; !3' \$!; +: /+((&. ' !&!9' : 34&+ 4!S?\_(43' @+!d(+!C/+34O+ 4M#!  
<&, +\$!<+4B. \$(!S4?\$15F!1-\* , ' 2\$D-&K\$D,+0\$. &-4/)!HKHI 5!  
B44: (MOO\$. &. /DO"K5"KQKOK" gKeP" I 5HKHI 5HHePeg"5!R<>!#?4B. /J(LM: 5 (<&3#-5 (\* >55#5!

Y/3=+)!23?/3)!U34B+/& +!a5!<8\*\*+!)!V@B3/\$!c5!V. (())!+4!3\*5!6CB+!9O: . /43' @+!. =!Va<!S\*+!: !  
b/3DO+ 434&. ' !&' !4B+!aW+@4(!. =!S4+/(! . ' !S\*+!: M^+/( : +@4T+(!=/. O!^/+@\*&' &@3\*!S4?\$&+(5F!  
I 54&-; -2-H<\$-?&1&5)\$!HQ!JHKHGLM"KKPQO5!B44: (MOO\$. &. /DO"K5"K" gOZ51' (4/5HKHI 5"KKPQO5!R<>!#  
#?4B. /J(LM 7 ->)-&3)-N%5!

Y/3B3O)!a/&@3!c5!69' 4+/(+@4&. ' 3\*4!13(!9O: +4?(!3' \$!9O: +\$&O+ 45F!9' !! )/, &, (H\$' (8\$3()/, &, (H\$%5(4&5\$' (8\$  
75' 85&)0, /\$, (\$! \*\*85>, \*\$#'+05>' +,\*)!HeFGG5!#O+/@@3' !<34B+O34&@3\*!S. @&+4!1)!HKHI 5!

Y/. ((O3')!S3/3!c5!3>>5')4&' ; 2\$D5'+05&R\$#5+5-&-2-H, \*\* 2\$E'+ '\$' (8\$15+25&\$" -2-(, ' 2.)>?&->\$XbTZ\$+-\$94&&, \*\* (5\$  
1' (8-5!a\*O+ 4(5!; ?/B3O)!- >M; ?%+!d' &T+/(4!1!^+/(!)!HKHI 5!

73D+!)>3/. \*5!6>\*O34+!>B3' D+!&' !4B+!HKH"!b+\$+3\*!a\*+@4&. ' 5F!9' !%05\$TZX\$. 5&>' (\$G585&' 2\$O25\*+,-)!  
+\$&+!\_1!V. ((!>3O: \_+\*\*!3' \$!2. ?&+!U5!; 3T&\$(. ' `S@BO&@B)!IHPfGP5!^3\*D/3T+!<3@O&3\*3' )!  
HKHI 5!

k k k 5!6^/. 4+(4!D+D+' !#4. O%/3=48+/%+!f!+&' +!S@B?'+!\$+!/; +O. %/34&+EF!9' !! +>B\$1+&->B\$: &-+5)+R\$UZ\$  
=' 0&5\$D<0Z\$4(8\$' (85&)J-)!+\$M+\$!\_!1!R+343!; . / . 43!23%+\_+D!3' \$!73' (' >B/&(4&3' !^?(45!  
j (4m\*\$+/' M3' !CB. /\_+%+!A+/'3D)!HKHI 5!

k k k 5!V+T&+8!. =!14)+', (' ;25\$] +/,')R\$%05\$! &+\$' (8\$: -2,+\*)\$-?59-/5\$, (\$ . 5&>' (<!)\_!1!c+' ' &+!125!#\*\*+' 5!  
" 5(+&' Z\$O4&-/' (\$9,) +&<\$Pg!JHKHI LMPKgfN5!B44: (MDO\$. &. /DO"K5"K"NOSKKKQe!QeHI KKKgGf 5!

k k k 5!V+T&+8!. =!%05\$V&,8H5R\$ (' +4&' Z\$H' )\$, (\$' \$&58,F,858\$O4&-/'5)!\_!1!CB3' +!Y?(43=(. ' 5!%05\$9,) +&, ' (\$QG!  
' . 5!H!JHKHHLMI GI fGG5!B44: (MDO\$. &. /DO"K5"KQKOKK"QH!NK5HKHI 5HHI "IK"5!

k k k 5!6d/\_3' !a' T&.' O+' 4(MS@&+' @+)!Y. T+/' 3' @+)!3' \$!S. @&3\*!>B3' D+!34!4B+!>M10- 34?/+!  
9' 4+/'=3@+5F!=-4&(' Z\$-? ] &; ' (\$9,) +&<!)HKHI 5!B44: (MDO\$. &. /DO"K5""NNOKKeg"GGHHI "HKgQHg5!

73/4)!C&O5!V+T&+8!. =!I ' ; -K-F\$, (\$#-+,-(R\$#-85&(<+<\$' (8\$#-F5>5(+)!\_!1!i ?/!&2+T& D5!12' F-(, '\$' (8\$O'+)\$  
O4&-/'5' (\$A5F,5J\$"KK)! . 5!G!JHKHHLMNPF!5!B44: (MDO\$. &. /DO"K5"IP!O(+5HKHH5KKQG5!

7+3/4B)!S+\*\_ 15!6Y+. \* . D&(4(13(!>. \* . ' &3\*!S@. ?4(MCB+!V. D+/(!a, : +\$M&. ' !4. !j 43T&!3' \$!C(?O+\_)!  
- 3O& &3)! "QeHf" QeP5F!O' &+0\$1\*5(\*5)\$9,) +&<\$GH!JHKHGLMI QPFG" P5!  
B44: (MDO\$. &. /DO"K5"NNKGO"eGG`g"QN`GH5H5!QP5!

7+\*8+D` 23/(+' )!< 3/&+!23?/+\*!< 5!^+4+/(. ' )!3' \$!S3/3B!75!; &<?@&. 5!6\ B1!; . !d!5S5!>. ' (+/T34&T+(!  
C3%+!b+8+!>j A9; ` "e!^/+@3?4&. ' (E!CB+!V. \*+!. =!\ . //1)!^+/@+&T+\$!V&(!)3' \$!Y. T+/' O+' 43\*!  
C/?(45F!1-\* , ' Z\$' (8\$: 5&)- (' 2,+<\$: )<\*0-2-H-\$" ->/' )!HKHI)!+"HQN! 5!  
B44: (MDO\$. &. /DO"K5""""O(: @!5"HQN! 5!R<>!#?4B. /J(LM7->)%"&@%<% )4 (\$5!

7?DB+()!VB. ' \$35!6C+' ?/+M CB+!V?\*(. =!4B+!Y3O+5F!9' !! )/, &(H\$' (8\$3()/, &(HR\$%5(4&5\$' (8\$75' 85&)O,/\$, (\$  
! \* 85>, \*\$#'+05>+',\*)!+\$M+\$!\_!1!V+\_+@@3!Y3/@&3)!^3O+\*3!73//&(!; 3' \$/&+\*\*+!2+8&(!+4!3\*5)!Pef!  
gQ5!#O+/@@3' !< 34B+O34&@3\*!S. @&+41)!HKHI 5!

9//)!>3/+')!+\$5!6- +%/3(. T3)!aTD+' &3)!CB+!<. (@. 8!<?(+?O!. =!C/3(B5F!9' !O(F,&-(>5(+ ' Z\$G4+4&5)R\$! (\$  
3(+5&(' +,-(' Z\$7,+5&' &<\$! (+0-2-H-5!\ 3\*4B3O)!< #MR/3' \$+&(!d' &T+/(M1!^+/(!)HKHG5!R<>!  
#?4B. /J(LM=(40&P%)9-)-5!

983O. 4. )!; +/+%!U+' Z&)!CB. O3(!^5!2+)!23?/+! !>\* & 4. ' )!+4!3\*5!6\ B1!>. ' =. /OEMCB+!9O: \*&@34&. ' (!. =!  
>. ' =. /O&M!4. !b+O&' &' +!- . /O(!. ' !^(1@B. \* . D!@3\*!; &(4+/(!3O. ' D!>. \*\*+D+!\ . O+' 5F!" 4&&5(+  
: )<\*0-2-H-\$G! !JHKHGLMQgPPfgG5!B44: (MDO\$. &. /DO"K5"KKNO("H"GG`KHI`KPKHI` [5!R<>!  
#?4B. /J(LMI 6(\* -4&7%5!

c&3' D)!i . ' D\*&' !3' \$!i 3' B. ' D!\ ?5!6C. !V+D?\*34+)!C. !a\$?@34+MS3' @4&. ' (!&' !<&' D!; 1' 3(41!>B& 35F!9' !  
! \$ . 2-; ' Z\$9,) +&<\$-? "\$ &, >5\$' (8\$: 4(,)0>5(+ \$W-2B\$cR\$3 (\$+05\$A5(' ,))' (\*5)!+\$M+\$!\_!1!23?/3!S4. %+(!)"HPF!  
Gg)!HKHI 5!B44: (MDO8885 \* . . O( ?/15@. OO?(OD\* . 3\*\*B&(4. /1' . =@/O+ ' 3' \$: '? &(BO+ ' 4`  
eNQ"GNHPOGQGN05!R<>!#?4B. /J(LMQ (\$9"# \$&#-\$ 95!



,(\$9,H05&\$O84\*\*+,-) !HKHI 5!B44: (MDO\$. &\$. /DO"K5"KI NO\$B+KKGKeg5!R<>!#?4B. /J(LMI 6(\* -4& 7%5!

U. (43\$&' . T3)!aT\$. %&13!Y5)!SB3' ' . ' !Y/+@. )!< 33Z&\$3!<?/\$. @%)!+4!3\*5!6S?OO3/1!V+: . /4!/. O!4B+! <&' & > . ' =+/' @+! . ' !\ . /%=. /@+!; +T+\* . : O+! 4!4B/. ?DB!V+(+3/@B`R3(+)\$!^\*3(O3`b. @?+(+\$! #@4&T&4&+(5F! : 0<),\*)\$-?\$: 2')>')\$!K)! . 5!g!JHKHI LMKgKgK"5!B44: (MDO\$. &\$. /DO"K5"Kgl OP5K"GGQGN5! R<>!#?4B. /J(LM, -. #/ &: 56-J\$%)5!

U83)!SB&3O&' 5!6b&\*"!&' !4B+!R\*3' %(!3' \$!4B+!>. O&@(!. =!U+&+!/V. \_+/4(5F!9' !E5&\$%5M+\$4(8\$)5, (5\$ dA5e: &-84K+,-)!+\$&+!\$\_1!- 8%\*3(!b/}B\*%B)!R3(4&3' !^ . \*%41@%&); &%!S@B-+!/!+4!3\*5)!"gPFne5! \ 3\*4+!/\$+!Y/?14+!YO\_7!y!>. !UY)!HKHI 5!

k k k 5!62&+! \ /&4&' D!&' !>. O&@(5F!9' !%05\$" ' >; &8H5\$" ->/' (,-(\$+\$" ->,\*))!+\$&+!\$\_1!< 33B++' !#BO+)\$! "QPFHKI 5!>3O\_/\_&\$D+M>3O\_/\_&\$D+!d' &T+/(%41!^/+(O)!HKHI 5! B44: (MDO\$. &\$. /DO"K5"K"NOeNQ"KKeHPPgPI 5K" I 5!

k k k 5!6< 3%&' D!< 3D&@M>. O&@(!3' \$!4B+!a%: B/3(4&@!#/4!. =!4B+!#\*O. (4!CB+!/5F!9' !%05\$A-4+258H5\$ " ->/' (-(\$+\$7,+5&' +4&5\$' (8\$! &+!+\$&+!\$\_1!- +&!<?/: B1)! \ 5!< @B+\*\*+! \ 3' D)!3' \$!>B+!/1\*c?\*&3)! "eQfHKe5!V. ?4\*+\$D+!HKHG5!

U8+%)!C3OO&+!V. ' D!V. ' D)!c3@%&!7. . ' !a' D!i &O)!a/&#!# \$+/(. ' )!+4!3\*5!6aW+@4&T+ +((!3' \$! #@@+: 43\_&41!. =!9' 4+/' +4 R3(+)\$!>. D' &4&T+!R+B3T&. /3\*!CB+/3: 1! =. /!9' \$&T&\$?3\*(18&4B!j \_((4&T+! >. O: ?\*(4&T+!; &(. /\$+!/&' !S&' D3: . /+5F!=-4&(' 2\$-2\$V50' F,-&' 2\$' (8\$" -H(+,F5%05&' /<\$!G)! . 5!H!JHKHGLM "KKGON5!B44: (MDO\$. &\$. /DO"K5"K"g075 @45HKHG5"KKGON5!R<>!#?4B. /J(LMK"\$-&O-/#\$5!

23/3' @+)!2&(3!i . ?' D)!3' \$!< 3/D3+/4!U+/(5!6<+4B. \$. \* . D!@3\*!3' \$!a!4B&@3\*!>. ' (&\$+/34&. ' (!\ B+! \ . /%&' D!R+1. ' \$!4B+!A&@4&O`j W+ '\$+!/R&' 3/1M#!R/&+!V+: . /4!. ' !4B+!d' &' 4+ '\$+! >. ' (+! ?+ @+(!. =!4B+!> #R95F!=-4&(' 2\$-2\$G' >,2-\$VW,-25(\*5\$! Q!JHKHI LM"KN" fNQ5! B44: (MDO\$. &\$. /DO"K5"KKNO("KQeg`KHI`KKPOG`85!R<>!#?4B. /J(LM 7#4-&Q(>\$9&7-)-\$5%5!

23/3' @+)!2&(3!i . ?' D)!S?(3' !25!< &\*\*+!)!^3O+\*3!>. \*\*&' O)!+4!3\*5!6; +: 3/4O+! 4!. =!4B+!#&!b. /@+!b3O&\*1 # \$T. @3@1!^/. D/3OMa, : \* . /&' D!4B+!9O: 3@4!. =!3' !# 4&T&. \*+ @+!9' 4+/T+ 4&. ' !^/. D/3O! =. /! \ . O+ 5F!W,-25(\*5\$! H' ,)+\$D->5)!HKHI 5!B44: (MDO\$. &\$. /DO"K5""NNO"KNNOK"HHI "H"gn"G5!R<>! #?4B. /J(LM 7#4-&Q(>\$9&7-)-\$5%5!

2+!<+ 4Bz. ?)!V?(\$1)!+\$5!62+44+!+!; ]#\*+O\_+/4!J9' 4/. \$?@4&. ' !8/&4+ ' !8&4B!j ?/&\$3!<. (4+3&5F!9' ! -5' (!#\*@45\$A-4)5' 4&f 4F&5)\$\*->/2g+5)8\$%->5\$3h\$V8\$Xi Ui NXi Ub5!^3/&(M>\*3((! ?+(!Y3/' &+! - ?Oz/&! ?+)!HKHG5!

2+)!CB. O3(!^5)!3' \$!21\$&3!73V&O!#B' 5!6#(&3' !#O+/@@3' !\ . O+ ](!V3@&3"!; 34&' D!^/+++/+ @+(M# ' ! 9' T+(4&D34&. ' !. =!9' 4+/' 3\*&[+\$!V3@&(O)!V+(4&3' @+!3' \$!aO: . 8+/O+ 4!3D3&' (4!V3@&(O)!3' \$! ; +(&/+! =. /!S434?(5F! 15M\$A-25))!HKHG5!B44: (MDO\$. &\$. /DO"K5"KKNO("""ee`KHG`K"GPK`e5!R<>! #?4B. /J(LMI 6(\* -4&7%5!

2+)!CB. O3(!^5)!SB3BO&!75!#\*&!# ' ' 3\_+\*\*+!25!#4%&!)!+4!3\*5!6b3O&\*1!>. ' ' +@+ \$' +((!3' \$!S+, ?3' ! <&' . /41!#(&3' !#O+/@@3' (!!a34&' D!R+B3T&. /!V+D?\*34&. ' 5F!O'+, (H\$V50' F,-&)P""JHKHI LM"K"Q""N5! B44: (MDO\$. &\$. /DO"K5"K"g075+34 +B5HKHI 5"K"Q""N5!R<>!#?4B. /J(LMI 6(\* -4&7%5!

2+)!CB. O3(!^5)!; +/+%!U5!983O. 4. )!3' \$!C+/' @+!75!\ 5!>B&' D5!6#((. @&34&. ' (!\_+48++' !Y+ '\$+/\$! V3@&(O)!V3@&3'!9\$+ 4&41)!3' \$!- &@. 4&' +!d(+!3O. ' D!#(&3' !#O+/@@3' !<+ 5F!=-4&(' 2\$-2\$' 2,(\* 2\$ : )<\*O-2-H>!HKHG5!B44: (MDO\$. &\$. /DO"K5"KKHOZ@: 5H!gO"5!R<>!#?4B. /J(LMI 6(\* -4&7%5!

2+)!CB. O3(!^5)!2&1!c&!)!3' \$!- 3/?!U3' D5!6S+, ?3)!Y+ '\$+/\$)!3' \$!9' 4+/' 3\*&[+\$!V3@&(O)!(!#((. @&34&. ' (! 8&4B!; &(. /\$+/\$!a34&' D!3O. ' D!S+, ?3!<&' . /41!#(&3' !#O+/@@3' !<+ M!aO. 4&. ' 3!\*a34&' D!3(!

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2+&=+!)!aO&15!6CB+!- 34?/+!. =!^+/@+: 4&. ' MV&@B3/\$!- +?4/3!3' \$!< 3/&3!- . /\$O3' 5F!:' 2' #-&>B! 5+)#:/&\*!  
")!HKHI 5!B44: (M008885: \*34=. /O(: 3@+5' +40B. O+04B+' 34?/+` . =: +/@+: 4&. ' `/&@B3/\$` ' +?4/3`  
3' \$` O3/&3` ' . /\$O3' 5!

2&44+\*\*)!c?\*&3! 75!6CB+!2. D&! . =!Y+' +/3\*&[34&. ' !b/. O!S1(4+O34&@!V+T&+8(!3' \$!< +43` #' 3\*1(+(!. =!  
9O: 3@4!aT3\*?34&. ' (5F!OF' 24' +,-(\$A5F,5J)!HKHG)!K"eIQG" { HG"HHNGQ"5!  
B44: (M00\$. &. /DO"K5""NNOK"eIQG" { HG"HHNGQ"5!

2&44+\*\*)!c?\*&3! 75!)U34B/1' !<5!#\_\*)!<5!#` 4. ' &3!R&DD(!+4!3\*5!6> . //+@4&' D!4B+!S@&+' 4&m@!V+@. /\$! . ' !  
#\_ . /4&. ' !3' \$!<+' 43\*!7+3\*4B!j ?4@. O+(5F!V#=#!QG!JHKHGLM+KNgP"Q5!  
B44: (M00\$. &. /DO"K5""I g0 OZ HKHI `KNgP"Q5!R <>!#?4B. /J(LM=>"#-&7#<%""5!

2&44+\*\*)!c?\*&3! 75!) ; + ' &(!<5!Y. /O3' )!c+W/+!>5!A3\*+' 4&' +)!+4!3\*5!6#((+(O+' 4!. =!j ?4@. O+!V+: . /4&' D!  
R&3(!&' !S4?&+(!9' @\*?&+\$!&' !>3O: \_+\*\*!S1(4+O34&@!V+T&+8(5F!'' '> /; 522\$1<)+5>' +,\*\$A5F,5J)\$"e)! . 5!  
H!JHKHILM+"!IH5!B44: (M00\$. &. /DO"K5""KKHO@H5" I IH5!R <>!#?4B. /J(LM=>"#-&7#<%""5!

2&44+\*\*)!c?\*&3! 75!)CB+/(+!; 5!^&D. 44)!U3/&3' ' +!75!- &(')!+4!3\*5!6b?' @4&. ' 3\*!b3O&1!CB+/3: 1!=. /!  
b3O&&+(!. =!i . ?4B!J#D+!""f"QL!8&4B!R+B3T&. ?/!^/. \_\*+O(M#!S1(4+O34&@!V+T&+8!3' \$!< +43`  
#` 3\*1(&(5F!'' '> /; 522\$1<)+5>' +,\*\$A5F,5J)\$"e!JHKHILM+"!IH5!B44: (M00\$. &. /DO"K5""KKHO@H5" I HG5!  
R <>!#?4B. /J(LM=>"#-&7#<%""5!

< 3/4w' +[!R3@B/&@B)!V. \_+/4. 5!6n^\*3D3(!A. \*t4&+(! . !23(!#\*3(!; +\*!C+//. /Ma(@+' 3(!\$+!7. // . /!#` &O3\*!  
a' !a\*j /&' . @. !9\*?(4/3\$. !1!; +=+ '\$&\$. !!"NGPL!\$+!c. (z!Y?O&35F!A5F,)+ \$j &)42')! . 5!N!JHKHGLM  
HefGH5!B44: (M00/+T&(43?/(?\*35@. O08: @. ' 4+' 40?: \*. 3\$(OHKHGOKHO< 3/4&' +[ `R3@B/&@B`  
V. +/4. 5: \$=5!

< 344B+8(!#&/+3!; 5!6R3/\_&+!3' \$!4B+!^ . 8+/. =!^\*315F!9' &/5&Q)\$V' k' ' &)!c?\*1!HK)!HKHI 5!  
B44: (M008885B3/: +/( 3[33/5@. O0@?\*4?/+0=+34?/(O3GGPe"KGPO 3/ &+` . 8+/. =: \*3105!

k k k 5!6CB+!< 3D&@3\*!S: 3@+!\ B+!+!b?' !9(!aT+/1!>B&\$)(!R&4B/&DB45F!

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S@B\*. ((+/)!c. +\*!#\*\$+' 5!V+T&+8!. =! / - \$L+05&\$: 2' (5+R\$] +/, ' (\$W,) , - ()\$?-&\$'\$" 2, > ' +5N" 0' (H58\$D-&28)!\_1!  
< 34B&3(!CB3\*+/5!: -2, +\* 2\$1\* 5(\*5\$ \_4' &+5&2-\$" I Q!JHKHILMgKeF"K5!  
[B44: \(M00\\$. &. /DO"K5"KeI0: \(I ?3/OI I 3\\$"K"5!](#)

k k k 5!V+T&+8!. =!%05\$! 4+ \*&' +, \*\$! \*' 85><R\$A55(F,) , - (, (H\$A425\$J, +0, (\$! >5&, \*' 0\$] (, F5& , +, 5))!\_1!C&O. 4B1!  
U3?=O3' `j ( \_ . /' 5!! >5&, \*' (\$: -2, +\* 2\$%0-4H0+\$" I !JHKHGLM"HefIG5!  
[B44: \(M00\\$. &. /DO"K5"KQgONHNQGN5!](#)

S@. 44)!< . ' &! ?+5!6a, @3T34&' D!\ B&+ ' +((!&' !4B+!#=#/&@3' !#/@B&T+M CB+!S4. /1!. =!#O3' \$?(!c. B' (. ' )(!  
"eHK(!a, : +\$&&. ' !4. !# ' D. \*3! =. /!4B+!^+ ' ' !<?(+?O5F!#4)54>\$! (+0&-/-2-H<\$GN!JHKHGLMHIF I "5!  
[B44: \(M00\\$. &. /DO"K5"0O?3' 5"HHQP5!](#)

S+1B3' )!#[3\$+5!V+T&+8!. =!5('\$A->' (+, \*)>\$A5F,) , +58&\$' (8\$# ' H(, ^\*5(+ \$A5; 52)R\$%05\$G, &)+\$A->' (+, \*)\$' (8\$+05\$  
3(F5(+, -(\$-\$+05\$152)?!\_1!^+4+/- +?O3' ' !3' \$!# ' \$/+3!\ ?\*=5! 94>' (\$! p' , &)\$! I !JHKHILMGeNfPKQ5!  
[B44: \(M00\\$. &. /DO"K5"P"POB?O3W`HKHI`KKe"5!](#)

k k k 5!6^+/: +4?3\*!a, &+M2+D3@&+(!. =!3!; &(/?: 4+\$!>+ 4?/15F!94>' (+, 5)\$"H)! ' . 5!P!JHKHILMeI5!  
[B44: \(M00\\$. &. /DO"K5!IeKOB"HKPKKeI5!](#)

SB3/: +)!C3' 13!25)!; +/+%!U+' Z&983O. 4. )!U+//1!#5!2++)!+4!3\*5!6; +T+\*. : O+' 4!3' \$!A3\*&\$34&. ' !. =!4B+!  
9' T+' 4. /1!. =!S4/+( (13' \$!>. : &' D! =. /!#=#/&@3' !#O+/@@3' !S?/T&T. /(!. =!7. O&@&\$+!A&@4&O(5F!  
: )<\*0-2-H, \*' 2\$%&' 4>' R\$%05-&<6\$A5)5' &\*0&\$: &' +, \*5&\$' (8\$: -2, <\$"P)! ' . 5!P!JHKHILMNe"fee5!  
[B44: \(M00\\$. &. /DO"K5"KI N04/3KKK"HGg5!R<>!#?4B. /J\(LMO%\)\)+&7%5!](#)

SB. \*\*+' \_+/D+!)/c+(5!V+T&+8!. =!

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S?3?3\$+3?)!c?\*&+ ' 5!6C+ ' !^+ ' \$& D!d: \$34+(!& !b/+ ' @B!3' \$!b/3' @. : B. ' +!S4?\$&+(5F!A-> ' (, \*\$A5F,5J\$""G)!  
' . 5! I !J; +@+O\_+/"!)!HKHILMg"NfHG5!\$

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