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!!!!!!!!!!"#\$%!&' &(!

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"#\$!%&'()*!(*!&!+, -.#/0! (1\$*!.!, 2!3\$*\$&34#!-\$5*!&- '!)6' &.\$*!(-!.##!7) +&-.(.\$*!&.!89(4:!
;)<+.(!0,)3!)6' &.\$*!!#\$3\$!, 3!\$ + &(!"#%&'()*+), (-.&!2, 3!+, 3\$!(-2, 3+&.(, -:!!

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/011\$**2!34\$*!01\$"0*\$5("*\$60789(-0*.:!&.(!-> + \$3(4&-!(.\$3&30!%\$?(\$5!; <=><<?@55.ABCAD!
E)"#0%2! !=F(*5&1(-!&1' !G"&7(&1!/"') (\$*?!
H(112!#""5*2JJ7&7%5.1\$ "J&%(-7\$*J<.KBLKMJ7&7%.NBN!

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00012!"3&- *6&4(2(4!%\$2, 3+!&- ' !%\$?, /).(. -@!"#\$!A#(- \$*\$!(-!B, 3.#!> + \$3(4&C!DEFEGDFDE!="/&1PO% !
Q1(, \$*("R!S%\$**?!
E)"#0%2! !=F(*"0R?!
H(112!#""5*2JJTTT.*)5.0%9JU001*J"("7\$JV(' WN; MKL!

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X' (" \$' !, 07) 6\$2!H3, I\$4.!%\$*/(((\$-40!(-!.##!J(1(.&!7) +&-.(.\$*!=Y(9("&!F) 6&1("(\$*!Z) &%"\$%R?!.!
X' ("0%*2! !=F [\ [?@ \ &""!F) -)7&I!-H(U%&(\$*?@ !=X197(*#?!
]O"\$2!E!5\$%C%\$, (\$T\$' @*5\$-(&!**) \$!O!Y(9("&!F) 6&1("(\$*!Z) &%"\$%R!O1! (9("&!5%0^\$-!"P%&9(7("R@
%\$*(7(\$1-R@&1' !5%\$*\$%, &"(01.!4#(*!**) \$!(!"#!\$IO)"-06\$!O!P!#\$!S!O^\$-!"_*\$7(\$1-R!*R650*) 6!#0*\$" !UR!
4#\$!X1' (19*\$!S!O^\$-!"(1!/5%(19!K<K>.!!
H(112!#""52JJTTT.' (9("&7#) 6&1("(\$*.0%9J' #`J, 07J>DJ>J(1' \$a.#"67!

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bO)%1&7!&%"(-7\$2!3b0#1!cOT\$%G7) **&"\$' 2!4#\$!E%-#\$%G6&9\$*@E**"0106(-&7!/-\$1-\$@&1' !S0\$"-!G' \$1("R.:!
K,)3-&!/, 2!L \$' (\$?&!&- ' !M&3/0!L, ' \$3-!; .) (\$*!; N=K?@55.KLDCNK>!.
E)"#0%2! !=X197(*#?!
H(112!#""5*2JJ%\$&' .') I\$)5%\$**.\$') J^6\$6*J&%"(-7\$C&U**&- "J; NJKJKLDJN; K<; Bjb0#1cOT\$%CG7) **&"\$' C
4#\$CE%-#\$%CG6&9\$*!

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0001!-#&5"\$%2!36P!("d*!] O"!eO)%!4&7\$1" @FOT![06\$!eO)d%\$!c""(19!&1!G1-\$1"(, \$V: !G1!Y&, (' !/OU\$7@/"\$, \$1!
f &7!=\$' *.?@N02, 3' !; .) (\$*!(-!H, /(.4&!H#(/, *, 6#0!F!:!gaPO% !Q1(, \$*("R!S%\$**.!55.!>LNCK>K.!!
E)"#0%2! !=S#(70*05#R?!
H(112!#""5*2JJ970U&7.0)5.-06J&-&' \$6(-J5%0')-"JOaPO% C**)" (\$*C(1C507("(-&7C5#(70*05#RC, 07) 6\$CAC
ADL<>ALLDDBNA!

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0001!-#&5"\$%2!34\$** (PR(19!O!c\$10-(' \$2!E![%\$&"(, \$!&1' !["(-&7!Q*\$!O!P!\ \$60R!&1' !4\$**"(601R!(1!
F070-&)"*!X')-&"(01!(1!"#\$!Qh!&1' !["&1&' &. :!G1!"#\$!H&/13&?7\$!7&- '<, , P!, 2!""\$*(.+, -0!&- ' !A)/.)3\$!:!
S&79%&, \$!\ &-6(7&1.!55.!M<; CMKD!.
E)"#0%*2!i %&1*(*!&!HO) T&9(\$@ [&%07(1\$!/#&%57\$*@ !=c\$%6&1(-!&1' !/7&, (-!/"') (\$*?@E1' %\$&!
f \$UU!
H(112!#""5*2JJ(11.*5%(19\$%-06JU001J><.><<DJADLCNC<N>C>NDAMC; !



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0001!-#&5"\$%2!3X7!S\$\$(`)(70!' \$!H(j &%'(R!7&!5(-&%\$*-&! '\$!7&!67) **%&-(81!\$1!]) \$, &!X*5&k&.: !61!Y&1(\$7\$!
E%-\$700b)&1!\&"!&*![&U&77\$%O!=\$' *.?@H04&3, *!0!6(4&3(*+, *@B)\$?, *!\$*.)' (, *!\$-!, 3-, !&!&!6(4&3\$*4&0!
' \$*! \$!*) *!, 307\$-\$*!#&*.&!&!&4.)&/(' &' !:GU\$%O&6\$%(-&1&!J!m\$%,)\$%! !55.!>DDCK<>.!
E)"#0%2! !=F(*"0%R?!

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Y(9("&7!-07\$-"(012!3S%\$91&1-R!&1' ![#(?' U(%"#!(1!"#\$!E9\$!OP!m(-"O%&: !=4# \$!m(-"O%&!f \$U?!.!
X' ("0%*2! !=X197(*#?@ !=X197(*#?!
] O"\$2!4#(*!-0c\$' (" \$!*\$-"(01!OP!"#\$!05\$1c&--\$**!m(-"O%&!f \$U!P\$&")%\$*!0%(9(1&7!#0%!"!\$**&R*!01!&*5\$-""!
OP!m(-"O%&!5%\$91&1-R@!(1-7)' (19!6(*-&%&(&9\$@-#(?' U(%"#@1)%(19@&1' !6&"\$%1("R!-70"#*\$!.!E!j006!7&)1-#!
"O!-\$7\$U&"\$!#\$*\$!5)U!(-&"(01*!T(7!U\$!#\$7' !0!K<lb)1\$!&"!><!E\ !=S/4?!.!E7!T7-06\$n!!
H(112!#""5*2JJ,(-"O%&!T\$U.0%9J*-\$1-\$J6&"\$%1("RJ),(-J(1' \$a.#"67!

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Y(9("&7!&%"(-7\$2!34#\$!mO-&U)7&%R!OP!S%\$91&1-R.: !H3\$1-&-40!&-' !A#(!' <(3.#!(-!.#&!>1\$, 2!9(4., 3(&:!!
E)"#0%*?! !=X197(*#?@ !=X197(*#?!
H(112!#""5*2JJ,(-"O%&!T\$U.0%9J*-\$1-\$J6&"\$%1("RJ),(-J>N.#"67!

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0709!&%(-7\$2!3E""(U)"(01!i &7&-R@61-\$1"(\$*@&1' !61-06\$!61\$`)&7("R.: !K)*.(4\$!M?\$305#\$3\$:!!
E)"#0%2! !=S#(70*05#R?!
H(112!#""5*2JJ^)*(-\$C\$, \$%RT#\$%\$.0%9J9\$1\$%&7J&""(U)"(01CP&7&-RC(1-\$1"(\$*C&1' C(1-06\$C(1\$`)&7("R!

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0001!%, (\$T2!3S07(-19!"#\$!S#&1"06!0%\$S#&1"06(j(19!"#\$!S07(-\$V!4#\$!S07("(-&7!(1!"#\$!E9\$!OP!Y(9)7.:!
_,\$(\$T!OP!4&1&*#(!/#(%&(*#(d*!"#\$!H#&-., +!R, 3'!, 2!J(1)!.;,).#\$&*.!>*(&-!;.)' (\$*!>K=>?@55.!>AACK<K.!
E)"#0%2! !=S&-(P(-!&1' !E*(&1!/"')' (\$*?!
H(112!#""5*2JJTTT.^*"&9\$.^*"90.^5J&%(-7\$J*\$&J>KJ>J>Ko>AAJo&%(-7\$Jc-#&%J^&J!

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h\$R10"\$2!3/)%, (, 0%-\$1"%\$!/"0%R"\$7(19!(1!F070-&)*!4\$&-#(19!&1' !H\$&%1(19: !UR! !
=c\$%6&1(-!&1' !/7&, (-!/"')' (\$*?
X, \$1!"("7\$2!e06!F&/#0&#!\$, \$1"@



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] \$T*!P\$&")%\$2!S)U7(-!\$a#(U("O1!OP!pO)"!G!H(, \$p!(1!/-#&)%&)62![06(-!x! [&%"001!=Y0%"6)1' @c\$%6&1R??!
\ &R!B!"O!E)9)*"!KD@K<KN.!

\ \$1"(O1\$' 2!3O)"!G!H(, \$@!\$' (" '\$' !UR! =c\$%6&1(-!&1' !/7&, (-!/")' (\$*?

H(112!

#""5*2JJTTT.' 0%"6)1' .' \$J' \$JP%\$(j\$("o)1' o!)"%J6)*\$\$1J* -#&)%&)6o-06(-o-&%"001J, \$%&1*"&7") 19\$
1o* -#&)%&)6J, 1' '\$"&(7o* -#&)%&)6.^*5V\$(' WDN<AD; !!

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S)U7(-!\$, \$1"2!3X"#(- *!&1' !"# \$!E%-#(, \$2!_ \$P7\$- "(O1*!P%06![066)1("RCX19&9\$' !S&%"1\$%*#(5*@!&1!G1!
S&%"1\$%*#(5!X, \$1"!P%06!"#\$!["(-&7!F)6&1("\$*![06601*!

S%\$*\$1"\$%*2! !=c\$%6&1(-!&1' !/7&, (-!/")' (\$*?@ \ &""!F-)7&I@ !

=F(*"O%R?@E1' %\$&! \ &%(10!c%&1"@ !=X197(*#?@E7R**&!E%J) -17\$!

Y&"\$(")1(5)451-6!E

