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Y3.(\$;(\$3\$8(-#;!,(\$-\$'(E#!'3)!E&8(-\$-!<8,0)!&3!*&83)'.,&3! J&(F!,3! 2'3'7\$2\$3.,3! .#\$!)&2',3! &*! &(7'3,S'.,&3'0! <#'\$5,&(!'3)! -.'!\$76A! 1&2',3! &*! \$3.(\$;(\$3\$8(-#;!, -! -&! E0&-\$06! (\$0'.\$)! .&! 2'3'7\$2\$3.! .#! .! .#\$! ;(&*\$--,&3'0! '-&E'.,&3-! cME')\$26! &*! R'3'7\$2\$3.! '3)! :&8.#\$(3! R'3'7\$2\$3.!M--&E',.,&3d! #'5\$!')\$)! \$3.(\$;(\$3\$8(-#;!,),5,-,&3-A!!P3! ')) ,.,&39! &.#\$(!<8-,3\$--! -E#&&0-! #'5\$! '!)\$;'.(2\$3.! &*! R'3'7\$2\$3.! '3)! Y3.(\$;(\$3\$8(-#;!,9! ,3E08),37! +,(7,3,'! G&22&3J'0.#! 43,5\$(-.,69! P3), '3! 43,5\$(-.,69! M(\$&3! :.'!.\$! 43,5\$(-.,69! .#\$! 43,5\$(-.,6! &*! P&J'9! .#\$! 43,5\$(-.,6!&*!R,33\$-&'9!'3)!N',(0\$,7#! 1,EF,3-&3!43,5\$(-.,6A!

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;(&5,)\$!.#\$(,7#.!\$E&\-6-.\$2!*&(!(\$-\$'(E#!'3)!.\$'E#,37!.&!7(&J!\$3.(\$;\$3\$8(-#; ;!J ,.#,3! / 1 4A!

=b!

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"#\$!(\$;&(!*(2!.\$#! I(&5&-!'0-&! ,3E08\$)! '!' ;(\$-\$3.'.,&3!&3! #&J! .#\$! G\$3.\$(! *&(! Q,7#!
P2 ; 'E! I ('E.,E\$-! -8; ;&(-! -.8)\$3.! 0\$(3,37! ,3-,) \$! '3)! &8.-,)\$! .#\$! E0'--(&&2! <6! K,-'!
R '6\$-9! YZ\$E8.,5\$! 1,(\$E.&(!&*\$! .#\$! G\$3.\$(9! '3)! Y2,06! Q' (2&39! :.8)\$3.! :8; ;&(! :\$(5,E\$-!
G&83-\$0&(A! "#\$6!),-E8--\$)! #,7#! ,2 ; 'E.! ; ('E.,E\$-! '3)! 0\$(3,37! -8; ;&(! ;(&5,)\$)! <6! .#\$!
G\$3.\$('3)! #,7#0,7#.\$)! .#\$! J &(F!) &3\$! <6! :.8)\$3.! :8; ;&(! :\$(5,E\$-A!
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P3! .#\$! (\$;&(!*(2!.\$#! +,E\$! I(\$-,)\$3.! *&(!D\$-\$' (E#9! 1 (A! 1 '5,)! %& J 0\$-9! YZ\$E8.,5\$! 1,(\$E.&(!
&*\$! .#\$! +, (7,3, 'P3-.,.8.\$! *&(! : ; 'E\$*0,7#.! '3)! M8.&3&2 69! ; (&5,)\$)! '3! &5\$(5,\$ J! &*\$! .#\$!
P3-.,.8.\$! "#\$! P3-.,.8.\$! J,00!,73,.\$! .#\$! G&2 2&3 J \$'0.#^-! 83,_8\$! '\$(&-; 'E\$! '-\$.-! &3! .#\$!
Y'-.\$(3! : #&(\$! '3)! #(&87#&8.! #&-\$! . '\$! '3)! J,00!*&E8-! &3! 7(& J #9! . '0\$3.' '3)! ,33&5' ..&3A!
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! 6 I 0&62G5(G \$ 1 1 266&&!

"#\$! D\$E.&(!E'00\$)! &3! R-A! B\$2 ; \$(! *&(!.#\$! (\$;&(!&*\$! .#\$! M.#0\$.,E-! G&2 2,..\$\$A! R-A! B\$2 ; \$(!
(\$;&(\$)! .#'.! D'3)'0\$! D,E#2&3)9! :\$3,&(! M--&E,'.\$! M.#0\$.,E! 1,(\$E.&(! *&(! : ;&(!
M) 2,3,-.('.,&3!'3)! :.8)\$3.\M.#0\$.\$! U\$0* '\$(9! <(\$*\$)! .#\$! G&2 2,..\$\$! &3! .#\$! / 1 4! -.8)\$3.\
'.#0\$.\$! ME')\$2,E! I(&7(' 2! D' .A!
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C\$3'! +,(7'9! : \$3,&(!M--&E,'.\$! M.#0\$.,E! 1,(\$E.&(! *&(! 1 \$5\$0& ; 2 \$3.9! ; (&5,)\$)! '3! &5\$(5,\$ J! &*\$!
.#\$! I(,(&(.6! M8.&2 &.,5\$! G08<! ' ! : A% A! % '00')! : . '),8 2 9! J #,E#! ,3E08\$)! '!' * ,3 '3E, '0! 8;)' . \$!
'3)! &3&(!-8 2 2 '(6A!
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U &&! : \$0,79! 1,(\$E.&(!&*\$! M.#0\$.,E-9! (\$5,\$ J \$)! .#\$! <'EF7(&83)! '3)! -.' .8-! &*\$! H' 2 \$9! P2 '7\$9!
'3)! K,F\$3\$--! cHPKd! (\$-80.,37!*&2! .#\$! ; '--,37! &*\$! G'0,*&(3, '^-'N', (!I '6! .&! I0'6! ME.A!
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! ""# \$% ! 0(\$7(12346&5(

"#\$! D\$E.&(!E'00\$)! *&(! ' ; ; (&5'0! &*\$! .#\$! 2,38.\$-! &*\$! .#\$! 2 \$\$.,37! #0)! &3! : \$; \$2 <\$(!=>9! V@=>A! 4 ; &3!
'! 2 &.,&3! 2 ')\$! <6! R (A! Q,00! '3)! -

(\$;(\$-\$3.'.,5\$!.&!.\$#!%&'(!.'3)!.'!(\$;(\$-\$3.'.,5\$!&*!.\$#!.:8)\$3.!O&5\$(32\$3.!M--&E,'.,&3!
-#&80)!.\$#!J,-#!.&!2'F\$!E&22\$3.-A!

QA "#\$!;8<0,E!E&22\$3.-\$--,&3!J,00!<\$!0,2,,\$)!.&!m@!2,38.\$-A!P*!.,2\$!(\$2',3-!)8,(37!.\$#!&3\$\
#&8(!;8<0,E!E&22\$3.-\$--,&3!'*.\$(!.\$#!;(\$\(\$7,-.\$(\$)!-;\$'F\$(-!&**\$(!.\$#!,(!E&22\$3.-9!
')),.,&3'0!,3),5,)8'0-!2'6!<\$!&**\$(\$)!.\$#!&;;&(.83,.6!.&!-;\$'F9!<8.!J,00!<\$!0,2,,\$)!.&!-;\$'F!
*&(!&306!.J&!2,38.\$-A!

! PA U(...\$3!E&22\$3.-!J,00!'0-&!<\$!'EE\$;.\$)!*(&2!.\$#!)'\$.#!.#!.\$#!;8<0,E!3&.,E\$!,-!,-8\$)!83.,0!VW!
#&8(-!;(&(!.&!.\$#!2\$\$. ,37!'!J#,E#!.\$#!%&'(!E&3-,)\$(-!8,.,&3!'3)!*\$\$\$!,3E(\$'--\$!'3)!2'6!<\$!
-8<2,..\$!)!,3!#'(!)E&;6!&(!5,'!\$2',0A!P3-.(8E.,&3-!*&(!)&,37!-&!J,00!<\$!,3E08\$)!!,3!.\$#!;8<0,E!
3&.,E\$!

! CA "#\$!%&'(!J,00!3&.!(\$-;&3)!.&!&('0!&(!J(...\$3!E&22\$3.-A!
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P3!'EE&() '3E\$!J,.,#!!!VbA=\b@]cNd!&*!.\$#! 9!.\$#!%&'(!&*!+,-.,&(-9!.#(&87#!.\$#!
D\$E.&(!&(!#,-h#\$(!)\$-,73\$\$!J,00!;(&5,)\$!.\$#!;8<0,E!J,.,#!'3!\$Z;0'3'.,&3!*&(!'36!)\$5,'.,&3!*&2!.\$#!
;(&[\$E.\$)!('37\$!&*!.\$#!;0'33\$)! ,3E(\$'-\$,3!83)\$7(')8'\$.!8,.,&3!'3)!2'3)'.&(6!*\$-\$!.#!.!,!
;(\$5,&8-06!;(&5,)\$)!.&!.\$#!7\$3\$('0!;8<0,EA!:8E#!\$Z;0'3'.,&3!J,00!<\$!;(&5,)\$)!&('006!&(!,3!J(...\$3!
&(2!<\$&(\$!.\$#!%&'(!)!'F\$-!* ,3'0!'E.,&3!&3!'36!83)\$7(')8'\$.!8,.,&3!'3)!2'3)'.&(6!*\$-\$!
,3E(\$'-A! "#\$!%&'()^-!2

3),37-!&!.#\$('338'0!'8),.!&*!.#\$/**,E\$!&*!.#\$(-\$,)3.! '3)!;(&5,)\$)! '3!8;)'!&3!&;\$3!
'8),.! ,--8\$-A!

