

!"#\$%&'(!)\*+\$, -!  
./!\*00\$&' &1!20!, 2#3\$45!6\*62#1!\$4\*#+\*4%\$24!\$4!&/\$(7#\*4!

!"#\$%&'('(\$!  
) \*+, "-! ". ' ' -%/0# (12#1' !3#4%5,51674!+# (868#4' !  
9(6: '\$764; !5<!&' 74' \$(!= (4#\$65>!!" -%55,!5<!+5?? 2(6-#465(!"-6' (-' 7!# (8!@675\$8' \$7!

!

!"#\$%&'(#&)\*'+, #--%+. )/#0+\$( "+%+11#&)&2%31%- 3'4#05%/+/3'2%#0(+', +0(#30#0%&'#\*6'+07%8%#(+')(9'+%  
\$+)'&'%9\$#05%&3/: 9(+ '#; +6%6) (<)\$+\$%- )\$%&3/: \*+(+6%+\$9\*(#05%#0%139'%)' (#&' +%/++(#05%(' +%0&\*9\$#30%  
&'#(+ '#)7%=(962%6+\$50\$%#0&\*96+6%)063/#; +6%&30('3\*\*+6%('#)\$%)06%030')063/#; +6%/#. +6%6+\$50\$%&30+%  
-#('%. )' (#)'% )063/#; )(#307%?, +)'\*\*%+\$+)'&'%\$955+\$(%\$(') (%\$2\$(+ /)(#&

8' 761(7! B6(-,286(1! 5('! 7428;! D64%! .#\$46#,!  
\$#(85? 6H#465(C\*!  
!

! "+%3\*\*3- #05\$(96#+\$%)'+% '+\$+0(+6%0%)%'#+') '&'#&)%  
/)00+'-%- "#&''%+1\*+&(\$%(''+%+, +%31%+, #6+0&+% '3, #6+67%  
!

P,6(1F' \$1E! 4!#, \*BJKKQC!6(: ' 7461#4' 8!4%' !' <<' -47!5<  
& ) 14\$#6(6(11276(11#!-5? . 24' \$! . \$51\$#? !<5\$!-%6,8\$' (!  
D64%! @M@! ! \$#(85? 6H' 8!-5(4\$5,14\$6#,!D#7!  
' ? . ,5; ' 8!<5\$!4%67!7428; \*!G(-,28' 8!6(!4%' !4\$6#,!D' '\$' !Q\  
-%6,8\$' (!68' (46<6' 8!4%\$521%!\$' <' \$\$#,!752\$-' 7!D%5!  
D' '\$' !-,6(6-#,,; !86#1(57' 8!D64%! @M@!#(8!(54!4#A6(1!  
746? 2,#(4!?' 86-#465('!3#\$46-6. # (47!D' '\$' !\$(85? ,; !  
#7761(' 8!45!#!4\$' #4?' (4!1\$52. !B0a[TC!#(8!#!  
-5? . #675(!1\$52. !B0a[TC! ! ,!-%6,8\$' (!-5? . , '4' 8!  
-5? . 24' \$!#-46: 646' 7!<5\$!NK!4\$6#,7!. ' \$!8#; !B#\$52(8!bK!  
?6(24' 7!<5\$!JQ!8#; 7!5: ' \$!Q/L!D' ' A7C!V%' !4\$' #4?' (4!  
1\$52. !-5? . , '4' 8!#-46: 646' 7!D%' '\$' !4%' !86<<6-2,4; !  
#245? #46-#,,; !6(-\$' #7' 8!6(!86<<6-2,4; !V%' !-5? . #675(!  
1\$52. !-5? . , '4' 8!4%' !7#?' !#-46: 646' 7!F24!4%' !  
86<<6-2,4; !868!(54!6(-\$' #7' !#(8!\$' ? #6(' 8!#4!4%' !6(646#,!  
,5D!, ' : ', !3#\$46-6. # (47!D' '\$' !#77' 77' 8!276(1! ? 2,46. , ' !  
74#(8#\$86H' 8!524-5?' !?' #72\$' 7!F; !\$#4' \$7!F,6(8' 8!45!  
4%' !4\$' #4?' (4!1\$52. !74#427!. \$65!45!-5? ?' (-6(1!  
6(4' \$: ' (465(E. 574!6(4' \$: ' (465(1#(8!#4!#!\/? 5(4%!

5: '\$!46?' !<5\$!4%' !&) !1\$52. !D%' (!-5? . # '\$ 8!45!4%' !  
6(%6F6465 (!1\$52. !# (8!4%' !-5? F6(' 8!-5(4\$5,!1\$52. !  
B7%5D(!6(!7' . # \$ #4' 8!# (#,; 767!45!(54!F' !761(6<6-#(4,; !  
86<<' \$' (4C!  
!  
I , ,5D#; !#(8!I , ,5D#; !BJKKNCl' ]#?6(' 8!4%' !' <<' -47!5<!  
&) !6(4' \$: ' (465(!5(!-\$; 74#,,6H' 8!6(4' ,61' (-' !6(!  
-%,8\$' (!D64%!, '#\$(6(1!867#F6,646' 7!6(!#(12(. 2F,67%' 8!  
\$#(85?6H' 8!-5(4\$5,!4\$6#,!3#\$46-6. # (47!D' \$' !  
\$#(85? ,; !#7761(' 8!45!#!4\$#6(6(1!1\$52. !B0aTc!4%#4!  
\$' -' 6: ' 8!&.) !4\$#6(6(1!B-51(646: ' ,; !F#7' 8C!5\$!#!  
-5(4\$5,!1\$52. !B0adC!4%#4!\$' -' 6: ' 8!(5(/-5? . 24' \$!  
F#7' 8!4#\$1' 4' 8!' 82-#465(!72. . 5\$4!BA(5D,' 81' !  
F#7' 8C!3#\$46-6. # (47!D' \$' !#77' 77' 8!276(1!. '\$ /!#(8!  
. 574/?' #72\$' 7!. \$65\$!45!-5???' (-6(1!#(!' 61%4/D' ' A!  
6(4' \$: ' (465(!. '\$658!4%#4!#77' 77' 8!-\$; 74#,,6H' 8!  
6(4' ,61' (-' !#-#8' ?6-!#44#6(?) (4E!#(8!&)' !V%' !  
4\$#6(6(1!#(8!-5(4\$5,!1\$52. 7!868!(54!86<<' \$!  
761(6<6-#(4,; !6(!4%' 6\$!. '\$ /4\$#6(6(1!7-5\$' !#-\$577!#,,!  
4%\$' '!?' #72\$' 7!c54%!1\$52. 7!-5? . , ' 4' 8!4#7A7!4%' \$' !  
46?' 7!#!D' ' A!<5\$!%# , /# (/ %52\$!5: '\$!#(1T/D' ' A!. '\$658' !!  
V%' !4\$#6(6(1!1\$52. !-5? . , ' 4' 8!#-46: 646' 7!D%' \$' !4%' !  
86<<6-2,4; !#245? #46-#,,; !6(-\$' #7' 8!6(!86<<6-2,4; \*!V%' !  
-5? . # \$675(!1\$52. !-5? . , ' 4' 8!4%' !7#?' !#-46: 646' 7!F24!  
4%' 7' !'\$' ?#6( 8



' ]. '\$6?' (4' \$! 6(! 5\$8' \$! 45! 8' -\$' #7'! 4%'!  
#?52(4!5<!F6#7!.\$' 7' (4'!!!!!!

!

@' 7. 64' !4%' !,6? 64#465 (7!5<!4%' !#F5: ' ?' (465 (' 8!  
74286' 7!4%' !\$' 72,47!# (8!-5 (-,2765 (7!867-277' 8!%#: ' !