

!''#\$%&'#()*+,-'.#/*,'*0%1.2#''3*
4%(%#'3*,5*0-%'61)7*89&#/#:(27*;<;=*
=;>?<9@A;><<9@7*B, ,@* 4%(%#'3**

4%(%#'3* 4'''-(%''*
*

8((%'6%'>*C#//)*D, ,7*E%55*+,2%'*F1(2/%%'*C1#/)7*G1(&#. #1*01H/, 'I#7*D1&1*+1'(&#. -@7*
D21)/, '61*C1&('7*D(1.)*J&, ,(%'7*F#@*K- @92&%)7*E%'#.1*C/1. I7*D)/\$#1*D//%&'A J1&.#17*
G%(%&*G#''(, **

!
"#\$!%\$\$&'()*!*\$)+(, 'k#!+!-'./O..'1(12!&#\$!03/1%'(!)45/\$66\$(/\$!'(!"\$+/#'(!)7+89!"#\$!36+((-\$-!
-+&\$!21:!!&#\$!\$;\$(&'!<:'-+8!+=+8!>?'!@!+!-+&\$!+2&\$!:2'(+6!):+-\$!.!21:1+66!/6+..\$.!+:\$!-0\$!*0&!*\$21:\$!
&#\$.!/#\$-06\$-!):+0+&'1(9!"#\$!+-%'('.&:+&'1(!/0:\$(&68!36+(. !&1!#+;,\$!+!AB!2+/06&8!%\$%*\$!:
-\$6';,\$!&#;\$C\$8!(1&\$!+-\$. .9!D(\$!3:12\$. .1:12:1%!=BEF!#+. !53:\$. .-\$-!')('2'/+(&'(&\$:\$.&!+(-!
#+.!*\$\$(!-\$%\$-\$!*8!&#;\$!+-%'('.&:+&'1(!&1!*120668!/1%3&\$&\$(&1+(-!;\$:8!\$22\$/&'!;\$!+. !&#\$.!3\$+C\$:9!
G(!+--'&'1(1&1&#;\$!C\$8!(1&\$!+-\$. .@!&#;\$!\$;\$(&'! , '66!#+;,\$!& , 1!2+/06&8!3+(6\$.!+(-!1(\$!.&0-\$(&13+(\$6!
H&#;\$!+-%'('.&:+&'1(!'!.!&'66!'(!&#;\$!3:1/\$. .!12!:\$/:0'&'(!)210:0(-\$):+0+&\$!.!+/:1..!-'22\$:\$(&!
./#116.!+(-!3:1):+% .I9!E2&\$:!!&#\$. \$!3+(\$6. @!&#;\$!\$! , '66!*\$!+!;':&0+6!:\$/\$3&'1(9!E6
)#!+!;':&0+6!
21:%+&'!.'(1&'-\$+6@!+!:\$/\$3&'1(! , '66!.&'66!*\$!0. \$206!+!&#;\$!+-%'('.&:+&'1(!#13\$.!&1!/:\$+&\$!+!.\$(-!\$!12!
'(21:%+6!/1((\$/&'1(!.*\$& , \$\$(!+&\$&\$(-\$. \$9!!

!
E!/1% % '&&\$!\$!%\$%*\$:\$!&#+(!J0\$.&'1(\$-! , #&\$&#:\$!K11%!*:\$+C!10&!:11%.! , 106-!*\$!0&'6'LS-!-0:(')!
&#;\$!4 " 7!3:1):+% % '()M!

!
E//1:-'(!&1!&#;\$!%\$%*\$:\$!'(!/#+:)\$!12!4 " 7!36+((')@!&#;\$!C\$8(1&\$!. \$. . '1(! , '66!#+;,\$!+66!+&\$&\$(-\$. \$!
1(!+!6+:)\$!L11%! , #'6\$!&#;\$!&#:\$!\$!3+(\$6. ! , '66!*\$!.\$3+:+&\$-!'(&1!.\$3+:+&\$!L11%'6'(C.!+(-!11%.9!
"#\$8!#+;,\$!210(-!&#+%&!*:\$+C!10&!:11%.!+!:\$!(1&1+*6\$!&1!+//1% % 1-+&\$!/+3&'1(')!(\$-\$!.!21:!!&#;\$!
\$;\$(&9!"#0. @!&#;\$!+&\$&\$(-\$. \$!%0.&!0. \$!.\$3+:+&\$!L11%'6'(C.!1!&#+%&!/3&'1(')!/+(!*\$!\$(.0:\$-9!"#\$!
:\$/\$3&'1(@!#1 , \$;\$: @! , '66!#+;,\$!.\$62N. \$6\$/&'!)*:\$+C!10&!:11%.!'(1!-\$: &1!21. &\$:!(+&0+6!
/1(;,\$: .+&'1(.!+(-!'(&\$: +/&'1(.9!"#\$!+-%'('.&:+&'1(!#+. !*\$\$(!%+-\$!+ , +:\$!12!&\$/#(161)8!&#+%&!
+661 , .!):103. &1!#+;,\$!&#;\$':!1 , (!;':&0+6!0&+*6\$.P! , #&\$:\$!+(!+&\$&\$(-\$. \$!'!+..')(\$-!&1!+!.3\$/2'/!&+*6\$!
*0&!&#;\$(!/+(12:\$68!%1 ; \$!&1!1!&#:\$:.9!

+(-! , +. !2: . &!'(&1-0/\$-!8!&#;\$!+/-+-%'!/+-;.'(')!/\$(&\$:9!!Q+. &68@!&#;\$!+-%'('.&:+&'1(!'!/0:\$(&68!
:\$+/#'(!)10&1!12+/06&8!%\$%*\$:\$:.&1!.\$\$, #1! , 106-!*\$!+;'+6+*6\$!+(-!'(&\$:\$.&\$-!'(!*\$'(!)!%\$%*\$:\$:!
12!&#;\$!& , 1!2+/06&8!3+(6\$.9!BO:\$(&68@!&#;\$!6'.&!12!31.. '*6\$!.3\$+C\$:..!#+.!)!1 , (!:\$6+&' ; \$68!2+. &!+(-!&#;\$!
+-%'('.&:+&'1(!36+(. !&1!2'(+6'LS!&#;\$:!/1!/\$. !.11(9!!

!
"#\$!/1% % '&&\$!&#;\$(!%1 ; \$-!&1!-'./O. \$. -!" E =!+(-!R \$66(\$..!S:+(&.9!"#'.!8\$+:T.!" E =!)+(&.!
#+;,\$!*\$\$(!/166\$/&\$-!+(-!+:\$!:\$+-8!&1!*\$!\$;\$, \$-9!U1 , \$;\$: @!-0\$!&1!+!%'(1:!'..0\$@!&#;\$!-\$+6'(\$!
#+-!&1!*\$!\$5&\$(-\$-9!VS)+-(')!R \$66(\$..!)+(&. @!&#;\$:\$.! !WX@YYY!&#+%&!'!.!6\$2&!1 ; \$: !-0\$!&1!B1 ; '-!
#+6&'(!)%+(8!12!&#;\$):+(&!36+(. !6+. &!8\$+:9!"#'.!%1(\$8!#+. !.\$&#:\$!*\$\$(!);,\$(!*+/C!&1!&#;\$!
/1% % '&&\$!+2&\$:!(1&1*\$'(!)0. \$-9!"#\$!/1% % '&&\$!&#:+. !:\$+/#\$-!10&1!13\$136\$! , #1!+336'\$-!21:!!&#;\$!
) :+(&!6+. &!8\$+:!*\$21:!!&#;\$!/+%30. ! , +. !/61. \$-!-0\$!&1!&#;\$!3+(-%\$/9!BO:\$(&68@!210:13:1Z\$/&. !2:1%!
6+. &!8\$+:!#+;,\$!*\$\$(!-\$(&'2'\$-!+!*\$'(!)1+*6\$!&1!*\$!+--+3&\$-!&1!&#;\$):+(&. !21:!!&#;'!8\$+:9!"#\$!O(O. \$-!
%1(\$8! , '66!*\$!30&!&1 , +:-!&#'.!8\$+:T.!" E =!)+(&. @!%\$+(')!%1:\$!%1(\$8! , '66!*\$!+;'+6+*6\$!21:!
(\$5&!8\$+:T.!" E =!)+(&. !+! , \$669!!!

!

"#\$!/1%%'&&\$!&#+(!&+(.'&'1(\$-!&1!&#\$!&13'!/!2!='-NF\$%\$.&\$:<\$-\$*+/C9!E//1:-')!&1!&#\$!
/1%%'&&\$!%\$%*\$:\$!'(!/#+:)\$!12!&#'.!&13'/!&#\$!:+&\$.!12!/1%36\$&'1(!12!&#\$!='-NF\$%\$.&\$:<\$-\$*+/C!
21:%!-\$/\$+.\$-!&#'.!.\$%\$.&\$:!.! /1%3+:-!&1!6+.&!. \$%\$.&\$:9!V\$)+-')!&#\$!3\$/\$(&+)\$!12!
3:12\$..1:!.!, #1!13&\$-!&1!0.\$!'&@!&#\$!0.+)\$!:+&\$!-\$/\$+.\$-!2:1%! [Y \ !&1!>[\ 9!"#'.!61, \$:
3+:&/'3+&'1(!:+&\$!/+::'\$-!1;\$:!&1!.&0-\$(&!3+:&/'3+&'1(!+!&#\$':!&1&6!:\$368!:+&\$!-\$/\$+.\$-!+!.!, \$669!
"#\$!/1%%'&&\$!*\$6'\$;\$.!&#+&!&#'.!-'3'(!3+:&/'3+&'1(!H+6*\$!&!: \$6+&';\$68!%'(1:I'!.!-0\$!&1!%+(8!

