



\$%D%' ('&&C&&  
\* + , - . / 0 1 - 2 / 3 1 0 4 5 . / 6 / 3 1 0 4 5 . / 7 5 - \* 8 - 2 9 . / 6 / 1 3 1 8 + 0 - 3 / 7 5 - \* 8 - 2 9 . / 1 2 8 / < - 3 + . / 6 / . = / 3 ; 1 : \* + . / 7 <  
&&%' D%' (' / ( ? ( ( @AB &&%' D%' (' & / ? ( (

4 < \* - 3 + / 6 / ( Y ( ( / 1 . . 1 5 \* = / 6 / ( Y ' ( / 1 9 9 : 1 H 1 = + 8 > ^ 2 - + / 3 \* < . + 8

1 / # @ L K / K # S L " J K K / ! K S " ! ) K B / @ A " ) V K ! / # @ L K / K # S L " J K K / V ! K @ ) K A K B / V ! # / P ! ) V / @ ) ! " P K L W

\$%Y%' ('&&(F  
\* + , - . / 0 1 - 2 / 3 1 0 4 5 . / 6 / 3 1 0 4 5 . / 7 5 - \* 8 - 2 9 . / 6 / : + . - 8 + 2 3 + / ; 1 \* \* . / 6 / 3 < 8 \ / ; 1 \* \*  
\$%Y%' ('&&(F @AB \$%Y%' ('&&(F

4 < \* - 3 + / 6 / ? & ( ( / . + : H - 3 + / < = ; + : / 1 9 + 2 3 \ / 6 / ? && \$ / 3 = \ 3 \* < . + 8

4 < \* - 3 + / 6 / ? \$ ( ( / 4 5 7 \* - 3 / 3 < 0 4 \* 1 - 2 = / 6 / ? \$ & F / 1 \* 1 : 0 / 6 - 3 \* < . + 8

! ! K / 1 ! @ ! # / T @ O M K B / R J / @ / M J M ) K # / # @ L Q O A T ) ! " A W

\$%?' ('&&' (D  
\* + , - . / 0 1 - 2 / 3 1 0 4 5 . / 6 / 3 1 0 4 5 . / 7 5 - \* 8 - 2 9 . / 6 / 1 3 1 8 + 0 - 3 / 7 5 - \* 8 - 2 9 . / 1 2 8 / < - 3 + . / 6 / 8 + / \* 1 / . 1 \* \* + / 3 +  
' % & ? % ' ( ' & / ( ( ( ( @AB \$ % ? % ' ( ' & / ( ( ( (

4 < \* - 3 + / 6 / ? \$ ( ( / 4 5 7 \* - 3 / 3 < 0 4 \* 1 - 2 = / 6 / ? \$ F D / 8 - . 4 5 = + / 6 : 3 \* < . + 8

1 / Q K # @ L K / ! K M ! B K A ) / M ) O B K A ) ! K S " ! ) K B / V @ ) / @ A " ) V K ! / Q K # @ L K / ! K M ! B K A ) / M ) O B K A ) V @ M / R K K A / T @ L L ! A U / V K ! / @ / d ! ! @ ! ! ! c / : K Q K ! ! K B ) " /  
) O B K A ) / 3 " A B O T ) ! !

\$%C%' ('&/(((  
\* + , - . / 0 1 - 2 / 3 1 0 4 5 . / 6 / 3 1 0 4 5 . / 7 5 - \* 8 - 2 9 . / 6 / : + . - 8 + 2 3 + / ; 1 \* \* . / 6 / 4 < 4 + / X < ; 2 / 4 1 5 \* / - / ; 1 \* \*  
C % & % ' ( ' / ( ( ( ( ( @AB && % & Y % ' ( ' / ( ( ( ( (

4 < \* - 3 + / 6 / ? \$ ( ( / 4 5 7 \* - 3 / 3 < 0 4 \* 1 - 2 = / 6 / ? \$ \$ D / . 5 . 4 - 3 - < ! 3 \* < . + 8

1 / Q K # @ L K / ! K M ! B K A ) / M ) O B K A ) ! K S " ! ) K B / " A > U " ! A U / S V J M T @ L / T " A ) @ T / Q ! " # / @ / # @ L K / M ) O B K A ) / M V K / P @ M / B @ ) ! A U / P V ! T V / K a T K K B K B / V K ! /  
R " O A B @ ! ! K M ! ! 1 A / ! A ] K M ) ! U @ ) ! " A / B K ) K ! # ! A K B / V K ! K / P @ M / A " / T ! ! # ! A @ L / @ T ) ! ! ] ! ! J ! ! / : K Q K ! ! K B ) " / M ) O B K A ) / T " A B O T ) ! !

\$%C%' ('&/&D((  
\* + , - . / 0 1 - 2 / 3 1 0 4 5 . / 6 / 3 1 0 4 5 . / 7 5 - \* 8 - 2 9 . / 6 / 1 3 1 8 + 0 - 3 / 7 5 - \* 8 - 2 9 . / 1 2 8 / < - 3 + . / 6 / \* + 1 : 2 - 2 9 / : + . <  
\$%C%' ('&/&D(( @AB \$%C%' ('&/&D((

4 < \* - 3 + / 6 / ? \$ ( ( / - 2 = + : + : + 2 3 + / , - = ; / 4 5 7 \* - 3 / < - 3 + 3 \* < . + 8

1 / Q K # @ L K / ! K M ! B K A ) / M ) O B K A ) ! K Q O M K B / A O # K ! " O M ! K d O K M ) M / Q ! " # / S " ! ! T K / @ A B / M ) @ Q / ) " / S O ) " A / @ / # @ M [ ! ! / : K Q K ! ! K B ) " / M ) O B K A ) /  
T " A B O T ) ! !

\$%C%' ('&/&E\$F  
\* + , - . / 0 1 - 2 / 3 1 0 4 5 . / 6 / 3 1 0 4 5 . / 4 1 : ^ - 2 9 / \* < = . / 6 / . 7 / \* < = . / 6 / \* < = / . 7 Y / > / : + . - 8 + 2 = .  
\$%C%' ('&/&E\$F @AB \$%C%' ('&/&E\$F

4 < \* - 3 + / 6 / & E ( ( / 3 1 2 2 1 7 - . / 3 < 2 = : < \* / 1 3 = / 6 / & E && / 4 < . . 3 \* < . + 8

4 < \* - 3 + / 6 / ' & F ( / 8 : 5 9 / 4 1 : 1 4 ; + : 2 1 \* - 1 / 1 3 = / 6 / ' & ? & / 4 < 3 \* < . + 8

1 / # @ L K / @ A B / Q K # @ L K / ! K M ! B K A ) / M ) O B K A ) / P K ! K / M # " [ ! A U / T @ A A @ R ! M ! A M ! B K / @ / ] K V ! T ! K

4<\*-3+6/'D(/0<=<:/H+;-3\*+6/'DDY/;-=/128/:52 3\*<.+8  
4<\*-3+6/??Y(/133-8+2=6/??Y\$/2</-2X5:\ 3\*<.+8

3"# #0)K!(M)OBKA)!KS"! )KB/V@/OA[A"PA/]KVITLK/VN)/VK!/S@[KB/]KVITLK/IA/\*"/.W

\$%(' '&/' (&\$  
\*+ , -. /01-2/31045 ./6/31045 ./75-\*8-29 ./6/:+.-8+23+;/1\*\* ./6/. ;+\*/;1\*\*  
\$%(' '&/' (&Y @AB \$%(' '&/' (&Y

4<\*-3+6/6\$ (/3:-0-21\*81019+/128/=:+.41..6/ 3\*<.+8

5A[A"PA/MOR\_KT)GMI/B@#@UKB/S" "L/TOK/M)NT[W

\$%(' '&/' (&\$&Y  
\*+ , -. /01-2/31045 ./6/31045 ./75-\*8-29 ./6/:+.-8+23+;/1\*\* ./6/0<=;+:/=+:+.1/;1\*\*  
\$%(' '&/' (&\$\$( @AB \$%(' '&/' (&?DD

4<\*-3+6/'D(/71==+:\6/(DEF/8<0+.-=3/71==+:\ 3\*<.+8

1/' (/JK@!/"LB/# @LKM!KMBKA)/M)OBKA)/P@M/!!KM)KB/@Q)K!/R@)K!IAU/VNM/UN!LQ!NKABb/@&C/JK@!/"LB/QK# @LK!KMBKA)/M)OBKA)W  
<QQKABK!/P@M)!@AMQK!!KB/)VK/ , NL/3"OA)J/1BOL/8K)KA)W/A/3KA)K!W

\$%(' '&/' (&D\$C  
\*+ , -. /01-2/31045 ./6/31045 ./75-\*8-29 ./6/:+.-8+23+;/1\*\* ./6/0<=;+:/=+:+.1/;1\*\*/0=>(\$(/3  
\$%(' '&/' (&D( @AB \$%(' '&/' (&D\$C

4<\*-3+6/??Y(/0+2=1\*/;+1\*=-;6/?YD&/8+.4<28+2= 3\*<.+8

K# @LK/M)OBKA)/# @BK/MOITB@L/M)K#KA)M)/@/T"OAMK!"!/@AB/P@M]"LOA)@!NJ)!@AMS"! )KB/]@/@ #ROL@ATK)"/)VK/V"MSN)@/L  
Q"!/@A/MMMKMM#KA)W

\$%Y%' (' &&Y  
\*+ , -. /01-2/31045 ./6/31045 ./75-\*8-29 ./6/1318+0-3/75-\*8-29 ./128/< -3+./6/\*+ , -. /0+0<:-'  
\$%Y%' (' &&Y @AB \$%Y%' (' &&Y

4<\*-3+6/??\$ (/457\*-3/3<04\*1-2=6/?\$\$'/.5.4-3-<! 3\*<.+8

1/# @LK/MOR\_KT)/@SS!"@TVKB/@/S" LITK/"QQTK!/@TTOMIAU)/VK/"QQTK!/"Q/A")@LL"PIAU)/VK/# @LK b/@/Q"! #K!(M)OBKA)b)"/@TTKMM/@/  
T"#SO)K!/IA)/VK/LIR!@!J)KA/JK@!M/@U"W

\$%F%' (' &&YY?  
\*+ , -. /01-2/31045 ./6/31045 ./75-\*8-29 ./6/1318+0-3/75-\*8-29 ./128/< -3+./6/./=3;1:\*+./7<  
\$%F%' (' &&((( @AB \$%F%' (' &&YY?

4<\*-3+6/6\$ (/3:-0-21\*81019+/128/=:+.41..6/ 3\*<.+8

4@dOK/IA/T" # # "A/@!K@/V@LLP@J/P@M/B@#@UKB/RJ/OA[A"PA/MOR\_KT)GMIW

\$%?%' (' &&&&  
\*+ , -. /01-2/31045 ./6/31045 ./75-\*8-29 ./6/1318+0-3/75-\*8-29 ./128/< -3+./6/\*+1:2-29/:+.<  
\$%?%' (' &&&& @AB \$%?%' (' &&&&Y

4<\*-3+6/?' (/457\*-3/./+ :H-3+6/?' ' (-2 <: 01=-<? 3\*<.+8

1/QK# @LK/U!@BO@)K(M)OBKA)!KQOMKB/AO#K!"OM!KdOKM)/"PK@!/@/# @M[/PVILK/IA)/VK/LIR!@!J/W. VK/P@M!KQK!!KB)/"M)OBKA)/  
T"ABOT)W

\$%&E%' ('&/C&'

\*+ , -. /< /31045 . /<= ; + :  
\$%&?%' ('&/'\$ ( @AB \$%&E%' ('&/&&'C

4 < \* - 3 + / 6 ? Y ( (/0 + 2 = 1 \* / ; + 1 \* = ; / 6 ? Y D & / 8 + . 4 < 2 8 + 2 = 3 \* < . + 8

<QQ\TK!M/L "T@)KB/@/QK # @LK!KMBKA)/M)OBKA)/PV"/P@M/T"A)K#S!@)NAU/MO\TBK // . VK/P@M)!@AMS"!KB/) /)VK/V"MS\)\L/Q"!/ @MMKMM#KA)!!

\$%&E%' ('&/&(&\$

\*+ , -. /< /31045 .  
\$%&?%' ('&/'\$(F @AB \$%&?%' ('&/'\$(F

4 < \* - 3 + / 6 ? ' ( (/457 \* - 3 / . + : H - 3 + / 6 ? ' ' (/ - 2 < : 0 1 = - < : 3 \* < . + 8

1/# @LK!KMBKA)/M)OBKA)/P@M/V"MS\)\L\KB/@/Q)K!RK\AU/R@)K!KB/@/R@! /A/X"LK)!!

\$%&E%' ('&/&' 'F

\*+ , -. /01-2/31045 . /<31045 . / : < 18 . /<52-H+ : . = \ / 4 1 : ^ , 1 \ / + 1 . = 7 < 5 2 8  
\$%&E%' ('&/&' 'D @AB \$%&E%' ('&/&' 'D

4 < \* - 3 + / 6 ? ? Y ( (/133 - 8 + 2 = / 6 ? ? Y \$ / 2 < / - 2 X 5 : \ 3 \* < . + 8

1/QK # @LK/M)OBKA)/L "M)/T"A)! "L"Q/VK!/JKVITLK/@AB/T"LBKB/P)I)V/@/LNUV)/S"LK\I/2 " /A\_O!NKMI

\$%'&' ('&/&' &Y

\*+ , -. /01-2/31045 . /<31045 . /75- \* 8 - 29 . /< : + . - 8 + 23 + / ; 1 \* \* . /<\* 1 . 1 \* \* + / ; < 5 . +  
\$%'&' ('&/&' ( ( @AB \$%'&' ('&/&' \$'

4 < \* - 3 + / 6 ? ' ( (/457 \* - 3 / . + : H - 3 + / 6 ? ' Y (/4 + : . < 2 / 8 < , 3 \* < . + 8  
4 < \* - 3 + / 6 ? E ( (/8 + 4 1 : = 0 + 2 = 1 \* / . + : H - 3 + . % 1 3 = - H = - + 3 \* < . + 8

1/?F/JK@!/ "LB/3V!NM)\@A/7!")VK!QKL/A/VMM!" " #/@AB/P@M)!@AMS"!KB/) /)VK/V"MS\)\L]N@/@ #ROL@ATK!!

\$%'&' ('&/&C&F

\*+ , -. /01-2/31045 . /<31045 . /75- \* 8 - 29 . /<1318 + 0 - 3 / 75 - \* 8 - 29 . /128 / < - 3 + . /< . = / 3 ; 1 : \* + . / 7 <  
\$%'&' ('&/&C&Y @AB \$%'&' ('&/&C&F

4 < \* - 3 + / 6 ? & ( (/ . + : H - 3 + / < = ; + : / 1 9 + 2 3 \ / 6 ? && \$ / 3 = \ 3 \* < . + 8  
4 < \* - 3 + / 6 ? \$ ( (/457 \* - 3 / 3 < 0 4 \* 1 - 2 = / 6 ? \$ \$ D / 1 \* 1 : 0 / G - 3 \* < . + 8

!!K/@L@! #/BOK)/ /RO!AKB/Q" "B!

\$%'%' ('&/&(YY

\*+ , -. /01-2/31045 . /<31045 . /75- \* 8 - 29 . /<1318 + 0 - 3 / 75 - \* 8 - 29 . /128 / < - 3 + . /< 7 X 9 / . = 5 8 + 2 = / 3  
'%?' ('&/&((& @AB '%?'E%' ('&/'\$YC

4 < \* - 3 + / 6 ? \$ ( (/457 \* - 3 / 3 < 0 4 \* 1 - 2 = / 6 ? \$ \$ D / . 5 . 4 - 3 - < ! 3 \* < . + 8

1/Q"! #K!M)OBKA)/MKA)/@/MOMS\T\ "OM/K # @NL)"/@/\*KPI\K # S\ "JKK!!

\$%'D%' ('&/&(?'F

\*+ , -. /01-2/31045 . /<31045 . /75- \* 8 - 29 . /<1318 + 0 - 3 / 75 - \* 8 - 29 . /128 / < - 3 + . /< \* + , -. / 0 + 0 < : - '  
\$%'\$%' ('&/&&\$ ( @AB \$%'D%' ('&/&(?'D

4 < \* - 3 + / 6 / && ( (/8 + 3 + 4 = - H + / 4 : 1 3 = - 3 + / 6 / && C (/1 = = + 0 4 3 \* < . + 8



\$%'F%' ('&/('E'\$

\*+ , -./< /31045 ./<=> ; + :  
\$%&%' ('&/(((& @AB \$%'\$%' ('&/&Y\$&

4<\* -3+&/?'E( (/8- .< : 8+ : \* \3<2853=&/?'E'F/ ; 1 : 1 . 3\* < . +8

1/Q@TOL)J/#K#RK!/!KS"! )KB/VK!/KM)!@AUKB/VOMR@AB/P@M/S" M)\AU/SK!M" A@L/AQ"!# @)\ "A/"A/\*KP!M/M" T!@L/#KB\@/SL@)Q"!#M \/  
"LL" P\AU/@A/A]KM)\U@)\ "A/\)/P@M/BK)K! #\AKB/VK/"QKABK!/!KM!BKM/A/2KP/fK@L@AB // \*548/T"LL@R"!@)KB/P)\V/-A)K!S" L/@AB/  
)VK/T@MK/P@M!KQK!KB/) /VK#Q"!/QO!)VK!/A]KM)\U@)\ "A\

\$%'F%' ('&' '\$\$

\*+ , -./01-2/31045 ./&/31045 ./75-\*8-29 ./&/1318+0-3/75-\*8-29 ./128/< -3+ ./& ./= /3 ; 1 : \*+ ./7<  
\$%'F%' ('&' '\$\$ @AB \$%'F%' ('&' '\$\$

4<\* -3+&/?\$( (/457\*-3/3<04\*1-2=&/?\$\$'/.5.4-3-<! 3\* < . +8

1A/A)"a!T@)KB/QK# @LK/MOR\_KT)b/A")/@QQN\@)KB/P)\V/\*KP!M!b/P@ABK!KB/A)" /)VK/ . )\ /3V@!LKM/7"!!" #K"/3KA)K!L" "[\AU/Q"!/@/  
)K!KSV"AK// \*548/"QQTK!M/@MMMM)KB/VK!/A/@!!@AU\AU/@/ )a!V!\BK/V" #K\

\$%'?'%' ('&/(? 'Y

\*+ , -./01-2/31045 ./&/31045 ./75-\*8-29 ./&/ : + . -8+23+ / ; 1\*\* ./&/0 <=> ; + : / = + : + . 1 / ; 1\*\*  
\$%'?'%' ('&/(? 'Y @AB \$%'?'%' ('&/(?DY

4<\* -3+&/?\$( (/ . + : H-3+ /<=> ; + : /19+23 \ /&/?&&\$ /3 = \ 3\* < . +8

4<\* -3+&/?\$( (/457\*-3/3<04\*1-2=&/?\$\$F/1\*1 : 0/G - 3\* < . +8

!!K]2"EG