



!"#\$!"%&' (!
+ \$, & - " ! . "
\$ 3 & - " ! . "

!"#\$!"%&) *
/ - . 0 & / - 1 - 2 (*



J4JFD/HFG4

F(%"

$$\langle V \mid T \mid \langle X \mid "$$



U!4,)#\$,!)"&2#--"*%)7!)6"#--"C!)1"04"#"\$! 6 *%,%4," 6 #44%)"\$!4&0&,%4,"C0,2"&,#48#)8"*)#\$,0\$%&"04":)0;!4#6"#48"#--"
U!4,)#\$,!)P*)!=08%8" 6 #,%)0#-&"&2#--"@%"!7"&,#48#)8"H(#-0," "#48"7)%%"7)! 6 "8%7%\$,&."%C\$%*,049"6#4(7#\$,(%)8%&094"8%7%\$,&"

3%&094"06#9%&"#)\$!(,),%&' "*")!=08%8",!"!()"\$-0%4,&"#&"#4"06#904#,0!4"#08"#48"4!,"#4"%c#\$,"06#9%"!7",2%"*)!+%\$,"!)0,%6&,"!"

I (1- ."&(a&F\$, ."EE\$1-(,

F (, !!\$.1&+\$1"5&;R\::\::;:8

<7",20&"\$!4,)#\$,"C#&"&!-0\$!,%8"#,"' ! ()"2! 6 %." ' ! ("6# '\$#4\$%-",20&,)#4&#\$,0!4."C0,2! (,"#4'"*%4#-, '!")"!@-09#,0!4."

/ J G / GDHL I

- 2%"\$! 6 *#4 ' "C!-")! ,%\$, "#--"0 6 6 %80# ,%")%#&"#\$%&&049",2%"C!)1"&0,%")%#^"3 (&,"@#))0%)&"#48"-!!)"*)! ,%\$,0!4",!"@%"")!=08%8" #&"8%%6 %8"4%%8%8^" 2%"*)!+%, \$, #)%#"&2#--"@%"1%*, "\$-%#4"!7#--"8%0)&"9%4%)#,%8"@ '" ,2%"&\$! *%!"!7"C!)1"*)7!)6 %8"@ '" ,2%" \$! 6 *#4 ' ^
- /)0!)" ,!"&,#,"!7",2%"*)!+%, \$, "\$(&,"! 6%)^0&")%&*!4&0@-%"7!") ,2%"")%6 !=049"#--"*)&!4#-"*)! *%), '"7)! 6",2%"C!)1"#)%#&^" 2%"\$! 6 *#4 ' " C!-")! ,%\$, "#--"0 6 6 %80# ,%")%#&"#\$%&&049"C!)1"&0,%^" B %"#&1",2#,"\$(&,"! 6%)&"8!"4! , "80&,()@",2%"8 (&,"@#))0%)&"#48"-!!)" *)! ,%\$,0!4",2%"\$! 6 *#4 ' "2#&")!=08%8^
- : 4 '"#880,0!4#-"6 #,%)^0#-"#48j!"-"#@!)"@%'!48"C2#,"0&"8%&\$)0@%8"04",20&"&%\$,0!4"C!- "4%8"#^"C)0,,%4"\$2#49%"!)8%).&094%8"#48" #\$\$\$* ,%8"@ '" ,2%"\$! 6 *#4 ' "#48"\$-0%4, ""04=!-=%8^

+ JNL4HDL I

● B%"\$#4n,"#4,0\$0*#,%",2%"\$!480,0!4"!7"'!()"&#@"(48%),2%"%C0&,049"7-!)"\$!=%)049",2%)%7!)%"#880,0!4#-"\$!&,"C0--04\$()7!)"#4'"

? (' %)K&N"# \$14! C-%89%"#48"#9)%%",2#,""#6 ! (4,"C#&"7#0)- ' "4%9!,0#,%8"#48")%7-%\$,&"#--"80&\$! (4,&A"
? (' %)K&N"#-&!"#\$14! C-%89%"#48"#9)%%",2#,"#--"*# ' 6%4,&"#)%",!"@%"6#8%"@" "\$2%\$1",!m":)0;!4#i&"
<4,%)0!)"<44!=# ,0!4&"!)" ,2)! (92"\$)%80,"\$#)8"!)"704#4\$0#-"#))#49%6%4,&"!,2%)",2#4"\$#&2A
48(%m""""""h"aQaaLAD_""""""""<&%"&,2%7" / ,2%60,&"48(%m""""""h"MMQEaA`M""""""""Y#-"#,"%7" l)! (9d4,,9

<4"\$!4&08%)# ,0!4"7!)" ,2%"#7!)"%6%4,0!4%8"6#,%)0#-&."-#@!)"#48"&%)=0\$%&."2%"!C4%) "#9)%%&,"!*# ' " ,2%"
\$!6 *#4 ' "j"\$!4,)#\$,\$!) "04"eAYA"8!--#)&" ,2%"&(6"!7m
