

7")%&+#&% "]"+"J ?&! - . /%&0. 123/451&

)D&>8BI IY&T9AY&I ; &GS8&! \$"^D&8[[I :GD&=; &1234536_&G&-D&L: 9G=[U=; L&GI &D8&&GS8&AI :8&<9BC8D&GS9G&=; [I :O&I C: &N: 9AG=A&8&
8ASI 8H&9L9=; &9; H&9L9=; &=; &GS8&[88HT9AY&&>8&: 8A8<=8&[: I O&[9ACBGU&9; H&I GS8: &=; DG: CAGI :D&+; &GS8=; &: 8DNI ; D8D&GI &
DC: <8UD&9; H&I GS8: &[88HT9AY&=; DG: CO8; GD_&N9: G=A=N9; GD&AI ; D=DG8; GBU&: 8O9: Y&I ; &GS8&N: I [8DD=I ; 9B-D&O&9; H&8EN8: G=D8&
I [&! \$"^DG9[_&GS8&<9BC9TB8&=ON9AG&GS9G&! \$"^&N: I L: 9OD&S9<8&I ; &GS8=; &G89AS=; L_&9; H&GS8&DN=: -G&I [&AI OOC; -GU&GS8U&[=; H&
>S8; &GS8U&>9BY&GS: I CLS&I C: &HI I :D&@

+G&-D&9BDI &L: 9G=[U=; L&GI &D8&&8<+H8; A8&I [&GS8&>9UD&GS8&! \$"^&AI ; G=; C8D&GI &DCNNI :G&K! ^D&O=DD=I ; _&8DN8A=9BBU&L<=8; &GS8&
B9C; AS&I [&GS8& 8> &DG: 9G8L=A&N&B9; @S=D&U89: &GS8&! \$"^&AI ; G:=TCG8H&GI &9& ; COT8: &I [&I ; 5LI =; L&A9ONCD&AI ; <8: D9G=I ; D&
I ; ?&B89: ; =; L&I CGAI O8D&9; H&9DD8DDO8; G_&aC-G9TB8&9; H&SI B=DG=A&8<9BC9G=I ; &I [&G89AS=; L&8[[8AG<=8; 8DD`&LBI T9B&
8; L9L8O8; G&9; H&GS8&=; G8: ; 9G=I ; 9B-b9G=I ; &I [&GS8&AC: =AC&CO`&9; H&=; G8: H=DA=N&B=; 9: U&=; aC=: U&=; &GS8&! I :8&! C: =AC&CO&@

\ I DG&<=D=TB8&=; &I C: & > I :Y&GS=D&U89: _&9; H& >S9G&>8&S=L&S&L&S&G&=; &GS=D&U89: ^D&9; ; C9B&: 8NI :G_&D&GS8&! \$"^D&DG: I ; L&
9B=L; O8; G&>=GS&K! ^D&N&BDC=G&<9BC8&I [&6"#\$%7' #() *\$+(@J S8GS8: &=; &9&L C8DG&B8AGC: 8&TU&K: U9; &X8>DTC: U&GS9G&
AS9BB8; L8D&[9ACBGU&GI &B89: ; &OI :8&9TI CG&>SI &GS8=; &DGCH8; GD&9: 8&I :&=; &I C: &8[[I :GD&GI &DCNNI :G&L: 9HC9G8&DGCH8; G&
[I :O9G=I ; _&9; &9GG8; G=I ; &GI &GS8&A9: 8&I [&GS8&>SI B8&DGCH8; G&c&9D&>8BB&9D&GS8&>SI B8&=; DG: CAGI : &c&=D&=; G8: >I <8; &
GS: I CLSI CG&GS8&! \$"^D&N: I L: 9OD&9; H&D8: <=A8D&@

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' I BBI >=: L&l ; &GS8&DCAA8DD&l [&l C: &N9DG&AI SI :GD&l ; &! I ; G8ONB9G=<8&
08H9LI LU_&>8&l :L9; ÷b8H&9&; COT8:&l [&l NNI :GC; -G=8D&GS=D&U89:&[I :&
[9ACBGU&G! &8EG8; H&GS8=: &GS=: Y=: L&=: &GS9G&9:89@J 8&l :L9; ÷b8H&G>I &
:89H=: L&L: I CND_&9GG:9AG=: L&9&G! G9B&l [&l1Q&[9ACBGU_&G! &H=DACDD&

! \$"&N: I L: 9OD&: 9; L8&[: I O&; <=&8H&> I : YDSI ND&[I : &H8N9: GO8; GD&9; H&DASI I BD&GI &U89: 5B1 ; L&AI SI : GD&I N8; &GI &[9ACBGU&
9A: I DD&A9ONCD_&9D&> 8BB&9D&; H<=&HC9B&AI ; DCBG9G=I ; &D8: <=&A8D&[I : &GSI D8&D88Y=; L&I ; 85I ; 5I ; 8&DCNNI : G@FI O8&I [&GS8D8&
N: I L: 9OD&9: 8&; G8; H8H&I ; BU&[I : &[9ACBGU_&DI O8&I ; BU&[I : &L: 9HC9G8&DGCH8; GD&9; H&NI DG5HI AD

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, = < 8 ; & G S 8 & A 8 ; G : 9 B = G U & I [& [9 A C B G U ^ D & : I B 8 & = ; & [C : G S 8 = ; L & D G C H 8 ; G & B 8 9 ; ; = ; L & 9 G & K ! _ & G S 8 & ! \$ " & I : L 9 ; = b 8 D & 9 & ; C O T 8 : & I [& = G D &
D = L ; 9 G C : 8 & N : I L : 9 O D & G I & D 8 : < 8 & [9 A C B G U & 8 E A B C D = < 8 B U & \$ S 8 D 8 & N : I L : 9 O D & N B 9 A 8 & 9 & S 8 9 < U & 8 O N S 9 D = D & I ; & T I G S & A I O O C ; = G U 5
T C = B H = ; L & 9 ; H & 8 < = H 8 ; A 8 5 T 9 D 8 H & N : 9 A G = A 8 _ & 9 ; H & G S 8 U & 9 D N = : 8 & G I & N : 8 N 9 : 8 & [9 A C B G U & G I & T 8 & 9 H < I A 9 G 8 D & [I : & 9 & D G : I ; L 8 : & G 8 9 A S = ; L &
A C B G C : 8 & = ; & G S 8 = : & I > ; & H 8 N 9 : G O 8 ; G D &

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\$ S 8 & ! \$ " ^ D & ' 9 A C B G U & ! I S I : G D & I ; & \$ 8 9 A S = ; L & N : I L : 9 O & D 8 8 Y D & G I & T = ; L & [9 A C B G U & G I L 8 G S 8 : & G I & 8 E N B I : 8 & = ; ; I < 9 G = < 8 & 9 N N : I 9 A S 8 D &
G I & D = L ; = [= A 9 ; G & G 8 9 A S = ; L & 9 ; H & B 8 9 ; ; = ; L & a C 8 D G = I ; D & O 9 : G = A = N 9 G = ; L & [9 A C B G U & D N 8 ; H & 9 & U 8 9 : & = ; < 8 D G = L 9 G = ; L & 9 & ; 8 > & N 8 H 9 L I L = A 9 B &
9 N N : I 9 A S & G S 9 G & G S 8 U & 9 B D I & = O N B 8 O 8 ; G & = ; & 9 & A I C : D 8 & G 9 C L S G & H C = ; L & G S 8 & A I S I : G & U 8 9 : & \ I ; G S B U & D 8 O = ; 9 : & O 8 8 G = ; L D & H C = ; L &
G S 8 & 9 A 9 H 8 O = A & U 8 9 : & 9 : 8 & I : L 9 ; = b 8 H & 9 : I C ; H & : 8 8 8 < 9 ; G & : 8 9 H = ; L D & = ; & G S 8 & N 8 H 9 L I L = A 9 B & = G 8 : 9 G C : 8 & 9 ; H & A 9 D 8 & D G C H = 8 D &
H 8 < 8 B I N 8 H & T U & A I S I : G & N 9 : G = A = N 9 ; G D &

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\$\$S8&AI SI :G&O8G&OU&8EN8AG9G=l ; D&	322h&
\$\$S8&! \$"&[9A&G9GI :D&>8:8&8[[8AG<8&=; B89H=; L&AI SI :G&D8DD=l ; D&	322h&
+&[8BG&AI O[I :G9TB8&:9-D=; L&aC8DG=l ; D&9; H&DS9:=; L&=H89D&>=GS&OU&AI B89LC8D&=; &GS8&AI SI :G&	60h&
+&9; G=A=N9G8&O9=; G9= ; L&:8B9G=l ; DS=ND&>=GS&AI B89LC8D&+&O8G&=; &GS8&AI SI :G&	322h&

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)BGSICLS&>8&S9<8&U8G&G1 &L9GS8:&[I :O9B&B1 ; L=GCH=; 9B&H9G9&9TI CG&GS8&=ON9AG&I [&GS8D8&> I :YDSIND_&>8&H-H&S89:&
=; [I :O9BBU&[I O&9&N9DG&N9:G=A=N9; G&GS=D&U89:&c&9&B1 ; L5G8:O&[9AC&GU&O8OT8:&9G&K! &c&GS9G&S8&A:8H-G8H&>S9G&S8&
B89:; 8H&=; &GS8&! I :8&>I :YDSIND&>=GS&D=L; =[-A9; GBU&AS9; L=; L&SI >&S8&9NN:I 9AS8H&G89AS=; L_&; I G&I ; BU&=; &S=D&! I :8&
AIC:D8D&TCG&9BDI &=; &9BB&GS8&AIC:D8D&S8&G89AS8D@

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)L9=;_&G^D&H=[[-ACBG&GI &D8B8AG&I ; 8&AI OO8; G&GI &: 8N: 8D8; G&GS8&<9: =8GU&I [G&SI CLSGD&DS9: 8H_&TCG&GS=D&DN89YD&> 8BB&GI &GS8& 9NN: 8A=9G=I ; &8EN: 8DD8H&GS: I CLSI CG&GS8&[88HT9AY&[I : &GS=D&U89: ^D&" \$X?&

: 58% (G%) G% (G%) ?' +=%&)%P\$?' %\$%<9)+ %@=\$=%&)%# ' A+ 68%) *%& ' \$69, *D%# \$68,6' (%\$ *@%(7' \$M%<, 89%&)+ '\$D'' ' (%#&) >%\$6#) ((%N! % <9)%\$+() %&\$# ' %&' ' 7+=%\$C) ""8%89, (E%D?' *8(% , M' %89, (%M\$ *@%> \$ *=%) A%89' %) 89' #%& P0%7#) D#\$ > (1%\$# ' %\$%:\$#D' %7 \$#8%&) A%< 9=%% A' ' +% () % ("77) #8' @%\$ *@%? \$+' ' @%\$ (%' \$69, *D%\$6'' +8=%&) # ' %\$8%N! E

)&; COT8:&I [N9:G-A-N9; GD&:8aC8DG8H&OI :8&G=O8.&9&AI OO8; G&GS9G&N: I ONGD&CD&GI &:8AI ; D-H8:&SI >&>8&9:8&T9B9; A=: L& I C:&AI OO-GO8; G&GI &O9Y=: L&>I :YDSI ND&9AA8DD=TB8&GI &9D&O9; U&=: DG:CAGI :D&9D&NI DD=TB8&9; H&I C:&AI OO-GO8; G&GI & O9Y=: L&>I :YDSI ND&9D&:LI :I CD&9D&NI DD=TB8&AI <=: L&[I :>9:H.&>8&>=BB&AI ; G=: C8&GI &AI ; D-H8:&SI >&>8&A9; &DG:CAGC:8& >I :YDSI ND&GI &TI GS&aC=AYBU&9; H&8[[8AG=<8BU&=: G: I HCA8&9&N9:9H=LO&9; H&L=<8&[9AC&GU&GS8&I NNI :GC; =GU&GI &:8[8AG&I ; & SI >&GS8U&O=L&SG&=ONB8O8; G&GS9G&N9:9H=LO&=: &GS8=:&I >; &AB9DD:I I OD&&

(<8:9BB_&N9:G-A-N9; GD^&[88HT9AY&:8[8AG8H&AB89:&D9G-D[9AG=I ; &>=GS&GS8&>I :YDSI ND&9; H&SI >&GS8U&>8:8&[9A-B-G9G8H?&

&&)L:88&I :&FG:I ; LBU&)L:88&
\ U&9GG8; H9; A8&9G&GS=D&>I :YDSI N&>9D&G=O8&>8BB&DN8; G&	66h&
\$S8&[9A-B-G9GI :fDg&8[[8AG=<8BU&I :L9; =b8H&9; H&88H&GS8&D8DD=I ; &	60h&
+&9; G-A=N9G8&O9Y=: L&AS9; L8D&GI &OU&G89AS=: L&T9D8H&I ; &>S9G&&9O&G9Y=: L&9>9U&[: I O&GS8& >I :YDSI N&	63h&
+&>I CBH&:8AI OO8; H&GS=D&>I :YDSI N&GI &9&AI BB89LC8&	60h&

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(<8:&GS8&U89: &7, %3(*#: ""#\$%&')*#%7+#A3%+' %), #4)' +, 7)4&N9:G-A-N9G8H&=: &I ; 8&I [G&S8&! \$"^D&O8H9LI LU&%89H=: L& , :I CND_&>S=AS&GUN=A9BBU&O88G&[I :&R&5&4&SI C:D&GI &H=DACDD&9&N9:G=ACB9:&9CGSI :^D&>I :Y&I :&9&G=O8BU&N8H9LI L=A9B&G8EG& \ 88G=: LD&9:8&=: [I :O9B&9; H&9:8&O89; G&GI &N:I <=H8&9; &I NNI :GC; =GU&GI &DS9:8&:89AG=I ; D_&aC8DG=I ; D_&9; H&GSI CLSGD& 9TI CG&SI >&GI &=ONB8O8; G&GS8&N=:; A=N88D&=: G: I HCA8H&=: &GS8&:89H=: L&

+, &' 736_&GS8&! \$"&I [[8:8H&[<8&:89H=: L&L:I CND?&G>I &I ; &X9; =8BB&K9:T8b9G&9; H&\ =:9T9=K&CDS^D&

L. 27#R%F3%74F*0#; &(AGIT8:_GS&! \$"&N9:G; 8:8H&>-GS&

)00%"#\$+!"F*+0&+#&! (. . " , "&\$")! *+##, &0%(, %) \&

\$S8&)NN:8; G=A8DS=N&=; &! I B8L8&\$89AS=; L&O:IL:9O&D&9&[:88_&; I ; 5A:8H-G5T89:=; L&N:IL:9O&S9G&N:8N9:8D&L:9HC9G8&

' "'XK)! o&

&)L:88&l :&FG:l ; LBU&)L:88&
(<8:9BB_&[l C; H&GS8& , :9HC9G8&FGCH8; G&\$89AS=; L&! l ; [8:8; A8&G1 &T8&<9BC9TB8&	322h&
+&NB9; &G1 &O9Y8&9G&B89DG&l ; 8&AS9; L8&G1 &OU&G89AS=; L&T8A9CD8&l [&>S9G&>9D&H=DACDD8H&9G&GS8& , :9HC9G8&FGCH8; G&\$89AS=; L&! l ; [8:8; A8&	6Rh&

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(\$ * "%&, %) X /) \$ " &F\$ / X " # \$ &

! (# ' " % " # ! " & O % " F " # \$) \$ + (# F & P & + #] + \$ " X & \$) . o F &

18\$6=%F#)8' #(&d* I >&GI &O9:G; 8:&>=GS&! 8; G8:D&[I :&\$89AS=; L&9; H&. 89:; =; Le&f>=GS&F@&\$9NNg@) O8:=A9; &! I ; [8:8; A8&I [&) A9H8O=A&X89; D&+; DG=GC&G8_&) GB9; G9_&,) @M9; &1Z_&1236@fO(XG>I :Y&DNI ; DI :8H&D8DD=I ; g

18\$6=%F#)8' #(&d+; ABCD<8&\$89AS=; L&\ 89; D&+; ABCD<8&, :9H=; L_&\$I I e&f>=GS&X@&\ 8-b&=DSg@O:I [8DD=I ; 9&&9; H& (:L9; -b9G=I ; 9&&X8<8BI NO8; GG>I :Y&! I ; [8:8; A8_&OI :GB9; H_&(%@#I <&3M534_&1234@

18\$6=%F#)8' #(&d, :9H=; L&[I :&. 89:; =; L&9; H&+; ABCD=I ; @e&\ 9DD9ASCD8GGD&K9U&! I OOC; -GU&! I BB8L8@F8NG&13_&1234@

R#\$*6' (6\$%S,*)**' @&+; A:89D=; L&) AA8DD&9; H&" ; L9L8O8; G?&X8<8BI N=; L&(; B=; 8&O:I L:9OO=; L&[I :&+; DG:CAGI :D_e&f>=GS& #@&\$CG&B8g@O:I [8DD=I ; 9&&9; H&(:L9; -b9G=I ; 9&&X8<8BI NO8; GG>I :Y&! I ; [8:8; A8_&OI :GB9; H_&(%@#I <&3M534_&1234@

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O%)/. 7%(#%7+#U, A/. 7%(#W. 7\$, 3, 7&, 4#%7+#Z. 3F42. 640#

- ! O(XG>I :Y&! I ; [8:8; A8_&#I <&3M534_&1234&
- ! ! I OOI ; &, :I C; H&\ 9:UB9; H_&\ 9U&15Z_&1236&&
- ! +! "X&! I ; [8:8; A8&I ; &+; DG=GC&=I ; 9&&! S9; L8_&) GB9; G9_&,)_&MC; 8&M

83. \$, 44/. 7%#H, 3-/&, 0#

18\$6=%F#))8' # (0% I ONB8G8H&GS:885U89:&G8:O&I ; &O (XG>I :Y^D&KI 9:H&I [&X=:8AGI :D' &I S9=:_&) >9:HD&I I OO=GG88_&
O (XG>I :Y' &I !5AS9=:_&I 9NG=I ; =; L&9H&SI A&I I OO=GG88_&O (XG>I :Y&

R#\$*6' (6\$%S,*)*** 0%K8L9; &9&G>I 5U89:&G8:O&9D&9&O (XG:9AG<8&F8DD=I ; D&I !5! I I :H=: 9GI :&

GW#H, 3-/&, 0#

1#\$9%\$ (8#,'6''>0%K8<8B! N8H&9; H&A! 5[9A=69G8H&>I :YDSI N&I ; &! I C:9L8I CD&I I ; <8:D9G=I ; D&>=GS&FCD9; &\$! S; _&FFJ &
[I :&#; G8=: 9G=I ; 9B&''HCA9G=I ; &J 88Y&f#I <&3Z_&1234g&

S\$889' (<%F))@' &D8:<8D&9D&[9ACBGU+DG9[[&9H<=DI :&[I :&, :9HC9G8&O:=H8&)BB=9; A8' &O:8D8; G8:_&d! CBGC:9B&) >9:8; 8DD&=: &
\$CGI :=: L&! I ; G8EGD_e&! I ; ; I :D&' 9O=BU&. 89:; =; L&! 8; G8:&fF8N&36_&1234g&P&FGCH8; G5) GS88G8&) A9H8O=A&F8:<=A8D&fW9; &
1V_&1236g' &9GG8; H8H&K! &+X+&qC9B=[8H&)HO=: =DG:9GI :&O88G=: L&f) N:&1_&1236g&

18\$6=%F#))8' # (0% I OO=GG88&O8OT8:_&/; <=8:D=GU&! I C; A=B&I ; &\$89AS=: L`&D8:<8H&9D&O8; GI :&9G&17' 68#''>% '8#' \$8&f' 8T&
4&5&32_&1236g' &N9:G=A=N9; G&=: &L:9HC9G8&FGCH8; G&' I :O9G=I ; &>I :Y=: L&L:I CN' &I =; 8H&! I C:D8&'<9BC9G=I ; &! I OO=GG88&

T,>%L''>79#'=0%)H<I A9G8_&F8EC9B&)DD9CBGG>I :Y' &O:8D8; G8:_&d' 9=GS&9; H&fC:<<=I :DS=N_e&F8EC9B&)DD9CBGG>I :Y&
f) N:~&33_&1236g' &! I 5\$89AS8:_&d%8DNI ; H=: L&G! &! 9ONCD&F8EC9B&)DD9CBG?&\$:9=: =; L&[I :&' CGC:8&' 9ACBGU_e&fFN=: =; L&1236g&

R#\$*6' (6\$%S,*)*** 0%N9:G=A=N9; G&=: &, :9HC9G8&FGCH8; G&' I :O9G=I ; &>I :Y=: L&L:I CN&

Z , #, %37] & J 8&9NN: I 9AS&I C: &> I : Y&[: I O&9&NB9A8&I [&A: =G-A9B&AC: =I D-GU&U &=; G8; G=I ; 9BBU&9; H&A I ; G=: C9BBU&> I : Y=: L&G I &
8EN9; H&I C: &C; H8: DG9; H=: L&I [&G89AS=: L&9; H&B89: ; =; L&=; &S=LS8: &8HCA9G=I ; &9; H&=; &GS8&W8DC=G&G: 9H=G=I ; &U &T I GS&
GS: I CLS&I C: &8; L9L8O8; G&>=GS&GS8&B9: L8: &. 8D89: AS&=G8: 9GC: 8&9D&> 8BB&9D&GS: I CLS&I C: &I >; &DUDG8O9G=A&=; <8DG=L9G=I ; &
=: GI &GS8&=ON9AGD&I [&I C: &> I : Y&

Z , #, %+] & J 8&9H< I A9G8&G I &=ON: I <8&GS8&G89AS=: L&9; H&B89: ; =; L&8; <=: I ; O8; G&9G&K I DGI ; &! I BB8L8_&9; H&> 8&=; DN=: 8&
[9ACBGU&G I &GS=: Y&=; &; 8>&9; H&A: 89G< 8&> 9UD&9T I CG&GS8=: &G89AS=: L&

Z , #, . 77 , &) & J 8&: 8A I L ; =b8&GS8&NI > 8: &I [&SCO9; &A I ; ; 8AG=I ; &=; &I C: &> I : Y&9; H&D88Y&G I &T: =HL8&GS8&L 9ND&GS9G&B=O=G&
GS8&NI G8; G=9B&I [&K: ^D&G89AS=: L&A I OOC; =GU&J 8&S8BN&=; H<=HC9BD&[=; H&A I OOC; =GU_&> 8&G: 9; DB9G8&9A: I DD&=BI D_&9; H&> 8&