

! # 9# & 4K".? ". ? +B/1S

2)H"%/4K". +! "%&40 &! "%& ?! 4N# & 23 "@(5 @ = D
N\$]P". 4N) L \$". 2L 4K". +, B+45! d
+ 23 "+, .4\$ %& @' .+, "! & 23 "B3@"
+@)+:, "d ! :@# M /# %BB) +@" 2 = & + 23 "B0&
41 2Y4K". \$, %&@0&4V I +BK'BK'+4B+4B H! 2! & +H"% ! 2K! &
+! "%& + 23 "@(B3 @ = D ! "# "\$%# "?" +: N%& 41 2Y4K". \$, %&@0&B%&' %& +, :+! "! & 0
+ ' 5%&/%& ! "2 ? %&@/0'.4VNS\$]4K"! [H! 2! & 23 "@0'.4 = &NS%&@ = D

! "# "\$%# "` ? s! ! : F.+# 4, B! 4K'. ' %&@)@/B! 4K'.45'+? " ! V! ? # %& NS%&@ = D

a/+Y47b "%& +, :+! "! &H%&" a/+Y47b "%&@ = & Y47 +, \$G = &! K +, :+! "! &4K'.? # 0 &
? < = &/ = H%&" # "9: 0# 1, ". \$* V &4K'. ' %&P = G </K/%&< "%&21 : & 2]? /& : /@ = D NIS = &/)
? +BBa/+Y` ? %&@/0'.NL & ! i 4K'.# 0& +, :+! "! # %&-4j! B*, +@" ? N! ? \$ = &4K'.d
/41+# "P # 0 & W (# %&@# 45# > ".+@"+:, "4K'.M 41H' Z L 4K'.# 0& H' 41441# 4V4K'.M @47#
NS4P? +/_ 20 d 1+@" ! : @# B! 4K'.M ? 45? B! %&4V I +2K'3/C.+ \$@ = & W (# %&
@# 45# > ".+@" B: P /B%&H%&" 2Y>)2Y& = &4K'. ' %& H)4N# B! 4K'.! I </%&H%& : &
? L B' %&4& 4, 5 B%&# I /0%&@ = D > %& ' %&@". NS4V %& /2K] & S B! B". H! H+@"
</v": &B! 4K'.@ = & # %&, %&@". 21 = &\$)? B! 45 # %&, %&@". 4K'.` H' 41+/.B0& ? > 1@N%& 0[Qe
? +> 0> 0, :+! "! & 0 4# %&4# 0& H' 41+/.B0& H)\VB3@" \k %&4K' 274K. ? +, ? # 0 &
+> "%&/C%&4K'. \$0` H' 41+/.%&B0& I\%&4&44K'. H! 2! & NS%&0'. + \$2K! & @ = D

+ , :+! "! & 0 \$4B: B! +, :+! "! & 0 \$4B: B! @ = (! F\$& Qg +, "UCH%&" \$& & B_44K'.
' %&P 2] @%&/47H"%& ! & %&@ "m! 0! B' %& = & 4V [2! & # R/@B! @ = D @ = & +, :+! "! & 0
NS\$]d [W GT! /d 0d 1 : P # 0 & ! L & %&H)4N# B0& [2]? /@2[! KL d KL & /: & ? @) </AB! /G
45", %& > /43N = \$0 M </%&H%& ' %& /L B%&NS\$]M +, :+! "! & 0? , " 4K'.! I + 23 %&@%& ! ".
+/.B%&' %&! (F\$&Qg +, "UC ? > B! 2L & @ " 41H' Z %&4K'.? # 0 & 2Y>)2Y& = &4K'.? ". 2] & 2K'
= G > NS\$&? "%& </%&H%&B%&4K'.? # 0 & B! K! > %& @ " W A./4&

+, :+! " ! # %<4j'! B+: , "4K".` @)/# \$&' %& = 0i+@" +: , "4K".! (@" , L l 4= k 7@"
N1\$ = &/)? +BBa/+Y/c</v": &Bk! & {</= &/= 09

49CY4K".! | ? +! "%P > = &N"BK45# B@ "2 = & ? 4M.@4G4K". /K/C9%2", : P # 0 & L "L P > 7
\$H+H"%&! BK K".! |! \$" .+N, %&4V# \$& /P N\$& > = @%&\$]&\$".@%K/@= D > k/%& ? 4M.@4G4K".
@= &+, :+! "! K-H%& "

2# & # "l L \$" .2L & 2 "%&4K".` ? +! "%4K".45# \$H%& 2V& 5'.44K".@ = & # , ".9%4HL \$ = & \)4V
\$# %@ = & %# \$&/(%& ! & 2K%4: \$0'/R' \$@'.B/G 4HL \$ = & \)+, . , /& ^.! "24# %4G? >(H! Q! &
<4%4".2K! & @ = D ! "# "\$%# "` ? 4K'.</ = @74%& %&@ = & 2744YL " +N\$D)# \$"4K! & 54K".!]

! "# "\$%# " @ = & ? ! ! ~ / BK! #K'. ' %# ! 0 ? /G @ # P \$G %B\$"! | 4\$& %P N145# \$H-% 0 [00 B] \$&
4# 2!) # # %AG > # & /: & : & , = & L & C @ = D

! : F. + # L, BK #K'. ' %&: (J) BM / & # L, BK #K'. ? # 0 & > # /: & T! = "BK &

+: ^! B? +B? +:

' P%b "2 h, ! & : # 0&! K%&/B?@ " +, :+! " ! & #K'. @ = 80900 B] \$5# 0&+N" & H "%B?@ " Y0! +, \$G
</k/%&</"%&2H, . ? \$/ %&4\$S! K%&/B?@ " +, :+! " ! & #K'. ` +: ^! & Y# (L ? ! (4& <4" ! & K%&/@ = &
? +> 0 > 0, :+! " ! & #K'. N\$&/G <4: # " %&^ Y0! +, \$G! I? + </"%&? # 0 & ? +, ./C@ = & B2 5&
N\$&/C@ = D 2! & P "0 ", /C# N\$&@ " ? 4K. @ ". Y0! +, \$G NBM/& ' %&? # ! P B*/C# N\$&@ "
</ = & > "%\$)! B%&, . ' %NINQ. +, ./C# G # @ = & /GBI@ = & 2# & # "@! # 4&4K'. # %&
? ! GH)/C# #K'. N\$&! + "@ 2 = & 090e B] \$5\$5# %\$ # %&, %&@ ". /C# P 4K'. ? <". +/C%\$ = &
@0'. B%&' %& ? B". /C# P @ \$#K'. 2 = & +, :+! " ! & # 0& 9%&, " ! L 5 / (%B%&? ". N%& ' %&+ , .
? +B? +: 45' ? H%&H-%&</"%&2D "BI@ = D E + </"%&2 14K'. @ = & H' 4H / . @ 4K'. ? ". +, : BKL \$, "
? 4K. ? \$". ? \$)? 2%& | + / . B?@ " ? %&# ! P ". # ! & %&+ , . L 5 / (%&V | +> " ! & 7 / . /C@ = D

+ , :+! " ! & / K%&/4 = & : ! | 0909 B] \$M 62 %2 0 , ! & : # 0& +! = "B/C@ = D @0'. 2 "
2V & 5'. 44K'. ! ! : @ # & /G 14R: L \$)\$+ /C%&` 00 , "B%& V & ! | +: ? (4# 0& +: > %&+ , .
? 4(#K'. # 0& ? ! M. 9%& \$B?@ " ! 4"? ' N\$&0'. @ = & ! /&, "UC' %& ! K: & 4" +, . H%& "
2Y & } 2Y & = & 4K'. ? # %& +, :+! " ! & P # 0 & M (# %&/%&H-%&44K'. ! | + H "%& ! BI@ = D' > |? </%&
' %&+ : , "+Y@ ? + # "#K'. 4K'. # 0& ? \$| , # /N14K'. ' %& # %&, %&@ ". 2! & ! & %& ? N? \$ = & 4K'.
/C9%&@ = & /m/! #K'. ` @! &, " ! #K'. , & : + @ . @ = D ? BK #! "2"@ = & %&P 41E /m/! #K'. +! "%&
Y) K@ = & %& +: , /\$0 B0' + </"%&+ , R+: > %&7 ? + <4" ! P <4". # | 2 " /G <4: # " %&^ </ = & L &
' %&# %&+Y@ ! G QP B > 145 • B) ? B%&+ : , "+Y@ 4K'. # 0&+ , :+! " ! & 0+ , R-H%&44K'. ' %&/L NK! #K'. ! |
F. # = & \$BI@ = D

! "# "\$%# " ` 4\$& %& | </ = & > "%\$)+ , :+! " ! & # " # , %& 45 62 %2 89 , ! & : # 0&
+ , :+! " ! & 2 32 " , : P @ (? 45# & / 12K' + / . BI@ = D H%& " B, G @ 0'. 2 " + , .
! : @ # #K'. +! "%& ! "# "\$%# " @ = & ' %&B". @ ". 4K'. ' %&P # # ! 0+ , :+! " ! & 2 32 "@ 4K'. ? N\$&
"9: & > 4&+H "%& : & <4: # " %&@ ". 4K'. ! | B: P /B%& ? /C? 9%& c%&` +, :+! " ! & 2 32 " + , .
: = & \$: \$ | </ %&H-%& K%&@) BI@ = D +, :+! " ! & P ! " ? # 0&# 0& 4\$& %&@ = & c%&`

! " ! " # % & | * , : / 0 1 2 3 4 5 6 (; : < = : " 3 = ; % 1 : ? 6 ' (, 9 A ' 9 ' 8 1 C & < 6 C 6 (1 2 (0 < E F

+2D"+, .2Y%: &! \, /&9.45+: S +H"%&! B&/G' %&# \$D: &, f+, .:+! " ! &H%& "M2)BA+, .H%& "' %&
? \$[, ? , " , #K'.M' %&+ , ./C# #K'. ' %&2# &# "d \L \$".2L &2 "%&4K".M? , /b! Q4P NR? \$= &4K'.
' %& 4KL "p": 4K'. \$@=# \ %& ? 0 Q%&? \$= &? +9./0 Q 999 +! K'&! K%/</A2YBI@=D
4\$& %& 2Y%: &! \ 244KL " +\$"%&! = &, .L7 \$# \$B)N%& /S? ".+! "%&+? "%& 2Y&H"%BI@=D
@f@"Q = & H%& " ! : @# #K'!.! ! "# "\$%# "` +, .:+! " ! &N\$]d \
\ N! &2D"' %&\$#&? ". ! : @# Q! @=P # 0 &, 2Y& +: <N%&E ! : F.># &: &T! = "BK \C
+# 0, BK! #K'.45' ?! : P @# #K'. , f: 4= & <N\$@=D E ! : F.? \$G %B\$"@= &+? " ! # \p "2 # %&
># &/: B+@"

</=& L & %&# %&+Y@W G# \$BBI%&\$&# 0& </=& > "%\$)2# &# "& ? >! Q# &# "& ? 4M"@".
2# &# "&d ! L \$".2L & 00 +L "! & , V(@=D ? 4M"@".2# &# "E# 0 & 4H' z L #K"! I
14R: L #K".? ". +/C%&B%& @K# & B4B%&? ".N%& @# #5# &C@=D ! L &P/YBM/B0%& +Y@
@K# & ! L &P/YBM/B0%& B\%& # \$BBI%&\$@=& 4H' z L # \$B) %& = 41@=D > H! "%&
E +Y@' %B\%&K'.'.@=& ? 4M"@".2# &# "# %& ! L \$".</AB%& @=D </=@E# &# "& %&
</=& L & %&# %&+Y@W G 2# &# "#K".? # 0 &4H' z L #K"! I@# #5# & "# %&4H' z %&F., @K# &
?+, ? # 0 & I ? +BBS @# #5# &B%&4K# b1 14R: L #K".` ?/YBM/&, .: L & (4# #K"! I ? +BBS
@# #5# &C@=D </=@E# &# "&, :+! "I &K'.'.# %& ' %&^ 14R: L & 889 , 6 14R: L # \$4R: L &
BI%&\$@=&4H' z L # \$B) %&= 41/G </=& L & %&# %&+Y@W G 2# &# "#K'.'.# %&4714R: L # \$BBI%&\$0 I
4H' z L & \$B)? N\$BIS @# #5# &C@=D E @H "%&! %&+I! "%& 4H' z L #K'.'.` ? , L P \$".
/P%&# %& @@"> %&5'.@=&! 0'k BK! #K'. N\$&/_+\$@=D # : &# = 41\$0' ! L \$".</AB%&` ? +BB47
4K'.'. %& ? </=& / = H%& " ? +2? >+! "%&4K'.'.! I H: A %&: 1/G 2# &# "# \$B)# = &45
! L \$".2L & 2 "%& # \$F.@=& 4H' z %& +> "%&Uo : & @K# & , "Uo : &41@"/C9%&@"
4H' z L # \$B) I! L \$".</A' %&@=D \$

%&, %&@" .2I = &\$4K'.? ". ! L \$".</AB%&! I/3I+H "%&! & : P # 0 & ' %&+ # "& (\$)\$)/C%&2F., ` 9Q , "B%&V &>! &! K'&@" @K# & 9Q , "B%&V & %& = 41+@" # %&, %&@" .2F., ., (@=&+: , " +Y@4K'.? # 0 & </=& L & %&# %&+Y@W G 2# &# "#K'. ? ".2)+/C%&# %& # %&, %&@" . 27M+, ., " 9: W G OgF.! I +, :+! "I # %&<4j'! I! /C@=D @H+@" & 4(4# I </=& L & %& # %&+Y@W G 4K'.'.# %& 27K'.'. \$N\$W! +@" 2I = &\$4K'.? # 0 & ?! M.49%&W # %&, %&@" .27M+, ., "9: W G 4K'.'.! I @! H%& "2I = &\$)4H' z %&K'.45+, :+! "I &# %&<4j'! I! /C@=D

31732:2(#A' ()6' β. ^2(6B(_8(6P34A8(6:"4#1ICE(A' β12:8(<P("DβA:⊙ H::<E(` \$ 9WU;UH::3<:
? 8(%BβP6! D1k E(2\$ <Cab . D#BβP31; 32:C6-) 93HBHDC6#12(![] ': , S(c 2B E(12E⊥IF
d8(4' β2:C1BR 31732:2(MVB(1: 2B d, C1:6B(32:8(3<: 218(6P3. P HCl:;) 9, B(f) [2B E(12E⊥IF
93HBHDC6#12(![] ': , S(!/6B(3A:⊙ H::<E C⊙ CW%N B(6' g;R Ck E(9#:;CW%N B(6' g;R C%B(64(6E C^A' (1CE f d8(4' β2:C1BR 32:8(3<: 218(6P3. P HCl:;) !! / 6B(64(6E C^3<: CB, ;, B#BβP62(3H: 2(B, ;H:;+; ; CW%N(6' A? P. D(34HB<C1:; <B W%CB, ;<C1:;R 931962β, Y. D(h 3A:⊙ H::<E I 'k 6C⊙#12(HC⊙ . 2< 8#%Bβ<: 3<AE #8(C⊙<E (/" H2C32I:(A< 8k E P⊙ 8(9HP93#934CI:; 9HP. HE(' β' (%B(2B 6β216). g;31HH, β43<: 9\$ #W, CWVB(1: 341:3S<C1:;9:; 92:92P β, ;#8(C⊙ I '8(9Wβ 13P.

? , /@".? \$[, 9: > 4&4K'.N%& NIS\$ = &> "/C@= D 4N# "9: & K9: > 4&! Y7 @! H%& "I4R: L &
+! "H, %P NIBH4K'.45 # "9: B: P /K@= D <: H"" %&^ +, :+! "! &H%& " ? N4K'.! |
NIS\$ = &> "./) %&\$/D[K]S ! K'. 4 BNB".+N"&/> ".+@" +Y# "? BK! P 2! & | ? 4K'.</= @7
T! = N\ %&B%& 4, P/D @+@"& ? N19%&H4K'.# %& ? 4M.@4G4K'. 4/C9%&@! |@|
? +> t> P# %&+, .4q.p": ` +BC%&+H"%#V%&# %&D = & ? 4M.@4G4K'. 4/C9%&D `

? BK! P 2! P, </= & L &# %&+Y@M G? H%&# %&? 4M.@4G +! "H, %P N19%&09, "B%& V &+! K'&N%&
NIS\$ = &> ".I/G B\%&P H%& %& I4R: L P H%&# %& Qe, "B%& V &+! K'&N%& NIS\$ = &> ".@= D
4N# "9: & K9: > 4&4K'.T! ".d \$G4B: B!@= P H%&# %&? 4M.@4G4K'.@= &+! "%&40 &@!" |L \$".</A4V |
</@@=@=k) > %& @= H5" ? 45 %& &N\$K@= D @V'+, "! B+@" +: , "4K'.` 4N)? , , H4K'.> H5 • 9
, "B%& V &B: @= &? 4M.@4G4K'.N\$&T! "%& +, :+! "! &H-2D"@4K'.! 45# BK! &/B! /C@= D

/%&2 %&4%&@"4V %&B%&' %&? #! * "O H4K'. , L B%&

a/+Y47+b "%&@= & +, :+! "! &D)/%: &\$]P". \$= &! 4&T! /H# & : P # 0 &</= & > "%&S)+, :+! "! &0
+! "H, %& > * ! KL &/: D5+@" 2]P /@2| 2]/&H"%&V%B%& | +/?.? /> "/C@= D </= & > "%&S)
+, :+! "! &H-! "H, %&@= &6D%&D 0, ! &: # %& > # &/: B+@" +, :+! "! &H K%&/, : &+! = "BK! H5
? \$</AS +, :+! "! &H%& " ? s! +: , ! H4K'. ' %&D = &+! "%&M +, :+! "! &H%& " 2]/&H"%&BK! H4K'.
' %&D = &+! "%& \$/D[K]@= &+: ^! H), @# %&? BK! P 2! H4K'.! [h8 (]) I.24D.24B9.9HcmBI46H66.92! Y.P)

H! & L @ 4K'.` B# H! &

, 54&</= & L # ¥ § </= & L 2 ¥# &# "4K".# 0%& 80 +: , " , B%# 0%& +: , " 0[M , 54&# 0%& Q0 +: , " # !]
2 \$2 /& @' .+\$B! /G , B%&/= & L # \$B)# = &45 4H' 7 %& Q @: &+! K'& ? /C? 9%& 4H' 7 %& /C%& Q P
@: &B: & H' 41+ /. /%B0&

"9: > 4&+H"%! 4 = & 4\9: > 4&4K".M ! K: &4"+, .9: > 4&4K".' 9&+\$#: ^9: > 4&4K"?.? ". ? 0 &2%&45

? </= P 9 ! ¶ & G: <B%&4, {D' # > ¶/%& 0[Qe B) \$& +, :+! " ! & ¶ # ¶&G H' 41+/. /%B%&
NK! @4&B%&B*, @= & L "L @! & @B'2! ¶5# & ! ¶&H" %&> ".N7@7K".45' 2 = & H' 41+/. /%B%&
H)\V+: H\N\$@= D c%&# ¶ ? : ! & ? 4K'. \$)45' , B%&/ = & L ¶5\K %&K' 2 74¶.4K'. \N\$@= D

? +BB'4H' 7 %&\$", %&4K'.! ¶ ? +> ¶ > P YBM/¶ , .F.\$Gp": ' %&? 2Y@4".M 2 9%¶¶¶ GT! /¶ , . ' %&
</= @EP %&P ".9: ¶ Gp": # ¶ /3\+/. @= & +Y# "'? BK! P 2! ¶K".45 > # & # & L > ". /C@= D
2! & ¶N\$&/_+: @= & 2! & ! & ¶%&m/! ¶K'.+T! "%& ? BMR: L & <44K'.! ¶ BK: 2 5/ & ".+@" 2 = &
</= & > "%&\$)+, :+! " ! & ¶! "¶, %&@= & 4\$", %&! ¶ ? # = & /A, : P # 0 & ' \$¶ (4# (# (! / & ".
+T! = "B/ G 4H' 7 %&¶K".? ". c%&# ¶ ? 4= \$", %&4K'.! ¶ </: 2 = ¶ = ¶N\$&H.S </%¶H%B%&
+/.BYC@= D 4H' 7 %&¶K'. @= & c%&# ¶ ? 4= \$", %&4K'. ' %& 4\N)@# ¶5# & ".4# ¶ ¶ 9! b H ¶ & %&
4) ¶&? ! & 2 G! ., %&4K'.402 41

H{x@=0 27# 1+4.4: &> ".@= &P•g F.+@" /G# G

</: 2 = 1) @ (4 1 B* + @"

\$ = &\)B!! @ = 0 ? B!@ = &!)f\$& 0g +, "UCH)%" " 2) >)2) & = &4K".! (B! + N"! S 24K". \$0' N%&
\$# : &25= B = &B%&4K". </A2) &T! "%&2 = & @# %&, B!@ = 0

<N\$& /4K".# 0%B0%/ABK! & , 6+ , .? # 0 &4K".<".20 &25+@" 2Y%: &\$]4K". , 6+! "%& @(\ \$ 1/G ! }F\$& Qg
+, "UC 2Y& }2Y& = &4K".' %&! } &= 6+@" 41-HL \$= &\)44K".

2)2)+2"! &2"! & 4, (B%&+T! "%k) c%&# } 45# L B! @= D!) # %&, %&@".' %&+ , ./C# 4K'.
4HL \$= &\)+@" ! BK%/= & L & %&, 54&/= & L 4K', 514R: L P BNR# 0&# /4+# "M </= @\$\$\$P N4K'.M
+Y@' y : L B".+\$"%# /N4K'. @4K } & # %&, %&@" . 2! & ! & %&# /N4K'!. IB4&+B"! 4V4K'.M
T! ".9%\$0 N! 4V4K'.' %& ? >74HL \$= &\)+, . \$= &! 4&4K'. </v": &B+T! "%& @# %&, , (@= D"*
, B%&/= & L # 0& +? " ! # } "2 QP , ! & : d 2# &# "1 } L \$".2L & 2 "%&@)F.@= &
, ! (%&# /4+# "& ? # %&? s4N4&HG+B_+H"%B%&! { BB} @= D |B%)+</", 2!%& ' %&+ , ./C# 4K'.45
/C9%&+H0+' 0@7 Qg @= &c%&# } 4HL \$= &\)+, . W A./4&+H"%& ! BK! 4K'.? +/_ ? T! 4&N! 4M
IB4&+B"! 4V@4K } &T! ".9%\$0 N! 4V4K'. W! A+# BB} +T! "%& +</"T! ".B}=@= D

%&, %&@".2l = &\$)4K". @)4k)# & b "@"+, .2l = &\$)4K".! | F.# = &@" ? 4) &\$! ".4K".
/C9%&# # & " # \$BC# \$& # %& 2R%&4: \$0' /R' \$@0'.+2} (@= & /, (@# P 4K".? <'> '@{ 2R%&4: \$0'
/R' 5+, "! & (@0'.@= &D , N: & BC# 0%& ? H\|C @# %&? BK! P 2! 4K".! | +, :+! "! &0
2Y0! "@# %&4K".' %& ? 4) &\$! ". <N: & 9, :& BK# H! QV& 5'. +H"%&! &: B!@= & @)4k)# &
BK# H! QV& 5'.+H"%&! &: /+/_@= &? +! "%4K".! # %B! @= 0
2# &# "d L \$".2L & 2 "%&4K".? ". F.# = &@"

?, /b! 24P NR? \$= &4K'. ' %&+, ,:+! " ! /0-232 "+, .

? </A@+b "+H"%\V > "%45! = 2!%& 0[0[</= & 5\$# %& </%d-H%BK! 4K'.? , ,+, ,:+! " ! /0
+232 "@4K'. @=& +, ,:+! " ! & \N\$S] &] # , ".9%& 232 "' %B0& , , \$! @=& @+@ "2 = &
+, ,:+! " ! /P! A! "2# 0& </= & > "%\$)+, ,:+! " ! /0-! "4, 5& 2Y& }2Y& = &4K'. \$0'
+< "%&24V+T! "%&' %&&@ ".+, ,:+! " ! /0-232 "@4K'.? +: <N%&+, ,:+! " ! & \N\$S] & ? s! ! i 4K'.!]
+232 "B0& %& c%&# [2V& 5'.44K'.!] 20# 2/\$0' +H"%& ! B0& ' %&&, .# [? # 0 & \$], (4& 44K'.
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/L NK! B%&M 42! 45# 4K'. /) & B%&' %&+, ,:+! " ! /0? %&&/0'.44K'. +<N, %&&B%&# !] +232 "B0&P ".
V/4&B%&M ' %&&@ ".+, ,:+! " ! /0-232 "@4K'.? +: <N%& +, ,:+! " ! /0-232 "' %& : P # 0 &
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K 7@ " ? BK! & +, ,:+! " ! /0-232 "@4K'. ` 2Y%: &? +/_ 44!# +@ " ! : @# BK! 4K'. <N\$&\$! /G
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2Y%: &\$]P ". 2! 24&4& 232 "' %&4P? +/_ @! & , " ! 4V]&+T! "%& +N" & /B! @=& 0
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! /C@=D ' %%+, ./C# 0 %D# & } 2! K5# &, .> [B@=& /C# G }e B) 4HL \$=&\)+, .
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a/+Y?, T! "<4%&@" ? BK(& # %&? # " ! } , 2Y#K'.+T! = "I/G@= & +: 4\$S Pe , ! K)
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? BK(& "2 4, f/D +, :+! " ! &# ' 5%&/%&! "2 # %&! ".BK! #K".' %&? L B9%#4K'.? ". ? 4N0%B%& %&
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W (# %&4+/.B%&

+, :+! " ! &# /+Y@= & ' %&~/%& W (# %&4+/.B%& M 4H' z L &/%&' %& 4H' z L # 0%&
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, "B%&V & # } # ! 2" ! " 42"+/.B!@7• [, "B%&V &B: &, B!@= D

+! K"%&@". @AK'.M ? B#/\) K+: @AK'.M +H.\)# ! &, " ! &: @1? # 0%&21 ^4K'.M # /#4+# "@".4K'. ' %&
? # 7: 4@".)\$%&#K'.M 4H' z L &/%&+, " ! & ? B".4H' z %&#K'.? # 0 & 4H' z L &/%&
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? N! ? \$= &4K'.! 2Y}H"%@= & c%&\$#4+H"%&! BK! #5' /%2%&<4%&@"4V, f@.@= & [}
+# #+: , /C+@.@= D 0[Qe B) \$! 1@V%& ? > 7@N%& # /#4+# "@".4K'.? # 0 & E 2Y%: &\$]# 0%&
H' 44K'.` 2!R9) #4V %& +N"%# # #5 & : #4V f+\$+, . +H"%&! & %&: & ? ! " ? ! L &/44K". 4, f/D
@f@"2 = & 0[0[</= & \$& : = &a/+Y4K'. </%#H%BK(&, <N\$& %&#B, f@" ? W (4W (4#4+/.B%&! }
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4</: & %&@4K'.@= & +? " ! # } "2 0e , ! & %& ' } %&b "2 • , ! # } # 0%& L "L &: , /#K'.d
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/ (9%&@= D ! 4? BK@+@" \$, (4K4K' ! [445 d : k) @# K5# d " /L BBI@= D @+@"@= &
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2! BS ? +, .L 7-H"%& ! BI@= D \$B: B+, .H%& " ? 45'.? L 0&4K'. ' %& ? , = & @+@0: (4
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a/\$"# 0&&@| 9%B0& +@"2 =& ?! :P @# 8N%&@" 9%B0& B%&' %& 9%B0&2}94, B%&# }+! "%&
9CD23G: % !D7Q&F;+&' (' 2&# # (G\$6(+G: * GG(8)7QG: @ HDDE!' 6! = D75 # : †
&= B023G: %K +22 "B+@" 14R: L &! "4, %&P NIB4K".# 0& 4N! L \$".2L & %& +, :+! "!" &0
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