

!

! "#"\$%&' ()&%\$

!"  
"

80@ 0% \*\*D,5A" "1: ;08! #8/;5459! ' : 321 780" /%5N+,B9N@ "N%" NO@ " %P@+ ' \*\*\* R+%A+ > " S@' +5,5A" T9N/%>@: " B6"  
, -@5N,06,5A"NO@ "&@6" \*' +5,5A: "N%"B@ " /O,@P@ -"B6" -, \*A@5N"D%+&"5"NO,: "/%9+: @,""

! C U@: /+,B@ "NO@ "/%5N@5N(" \*N@+ ' +6" -@: ,A5(" ' 5 - "NO@%\*"A6"%Q"NO@ "B%%"&"%Q"V@P@\* ' N,%5C"  
4C WX\$\* ' ,5"NO@ "\$+, > ' +6" >@' 5,5A"%Q"NO@ "N@XN",5",N: " \*N@+ ' +6" /%5N@XNC"  
=C W> \$%"6"O@+ >@5@9N, /' "N%"%\*: "Q%+": "N9-6" ' 5 - ">@' 5,5A09" \* ,5N@+ \$+@N' N,%5"%Q"V@P@\* ' N,%5Y: "  
\$+%\$O@/,@: "Q+%> "NO@ "KU# "\$@+: \$@/N,P@C"  
! C Z: @ "NO@ /' \* : "> ' N@+, ' \* "Q%+ "\$+@' /O,5A" ' 5 - "N@' /O,5AC"  
?C U@P@%\$ " ' 5" B, \*N6"Q%+ "%+,A,5' "NO,5&,5A" ' 5 - "/+,N, /' " "[9-A >@5NC"

" ' C, %@! ' K@, K\* @ < !!

"#\$%&'#(!) \*%' +#!, -. #'&- /+!

80@ "L,B\* @ ,5"W5A\* ,: O"E' 56"N+ ' 5: \*' N,%5"@X/@\$N"\$ ' + ' \$O+ ' :@: HC"80@ ,5: N+9/N%+ "D, \*\*\*9: @ "NO@ "M@D"  
# >@+, /' 5"KN' 5 - ' + - "L,B\* @C"80@ "B%%"&"%Q"V@P@\* ' N,%5"N%"B@+@' - ,5"%5@+@' - ,5A\ "NO@+@' - ,5A" : "N%"  
+@\$%+N%"5"NO@ "S@' +5,5A] 9BC"

V' 5&% "KN@Q' 5%P, /(! " " # "\$%&' ( ) \* ( + , " - . - \* / 0 1 - & ( " 4 " @ - C " EL @ + , @ 5 " K \$ + , 5 A : ; # 5 - + @ D : " Z 5 , P @ + : , N 6 "  
R + @ : : ( " 4 3 3 G H C " N O @ ' @ 5 N , + @ " B % % & " , : " N % " B @ + @ ' - " ' 5 - " + @ \$ % + N @ - " % 5 " N O @ " S @ ' + 5 , 5 A ] 9 B " : : \$ @ / , Q , @ - , 5 "  
N O @ " / % 9 + : @ : / O @ - 9 \* @ C "

R' 9\* ,@5(" ^ % 5 C " 2 0 " \* 3 " " " 4 \* 2 0 ' ) 5 - \* ( + \* 6 ( 7 " E ] ' A @ + : N % D 5 ( . U ; " V @ P @ D " ' 5 - " ] @ + ' \* - : ( ! G < G H C H " 7 " N % "  
+ @ ' - " N O @ " D O % \* @ " B % % & \ " N O @ + @ ' - , 5 A " > 9 : N " B @ + @ \$ % + N @ - " % 5 " N O @ " S @ ' + 5 , 5 A ] 9 B " // % + - , 5 A " N % " N O @ "  
, 5 : N + 9 / N , % 5 " A , P @ 5 " B @ \* % D " % 5 " N O @ - ' 6 " : \$ @ / , Q 1 1 5 4 4 ' - , 5 A " - 5 1 T J 5 A ] " % 5 " N O @ - " - 3 T c 4 6 E T = ( C 1 1 5 4 4 ) 1 - 1 ( 5 A ( @ ) ( \* - 0 , )

8%"+" - "NO@B%%&"%Q"V@P@\* N,%5"Q+% > "NO@L,B\*@,"5"%5@+"@ - ,5A\N%": 9B> ,N"NO@+"@ - ,5A"N%"+"\$%+N"%5"  
NO@S@' +5,5A] 9B"%5"NO@Q,+ :N' - ' 6"%Q"NO@/'\* : :c""

8%"D' N/O"! ?"O%9+ : "%Q"P, -@%\*"@/N9+@: "+"@/%+ -@ -"B6"NO@,"5: N+9/N%+("80@\*"@/N9+@: "D,\*\*\*B@"\$+%P, -@ -"B6"  
NO@a5. ,5, : N+6"%QQ,/@c" g ,NO%9N"D' N/O,5A"NO, : "P, -@%("NO@": N9 -@5N"D, \*\*\*5%N"+@/@,P@\* " \$' : : ,5A"A+' -@c"  
80@Q%\*"D,5A"P, -@%\*" +@N%"B@D' N/O@- ;"

- " j , -@%\*"@/N9+@! "7"a5N+% - 9/N,%5"N%"V@P@\* N,%5"
- " j , -@%\*"@/N9+@ = "7"80@"R9+\$% : @"
- j , -@%\*"@/N9+@ ?"7"80@"R+%\*%A9@"
- j , -@%\*"@/N9+@ "F"7"80@"S' > \$: N' 5 - "
- j , -@%\*"@/N9+@ "1"7"80@"` 09+ / 0@: "
- j , -@%\*"@/N9+@ < "7"80@" . @: : ' A@"
- j , -@%\*"@/N9+@ ! = "7"80@"K@' \* : "\$' +N!" "
- j , -@%\*"@/N9+@ ! | "7"80@"K@' \* : "\$' +N"4"
- j , -@%\*"@/N9+@ ! | "7"80@"K,\*@5/@,"5"] @' P@5"
- j , -@%\*"@/N9+@ ! < "7"80@"8+9 > \$@N: "
- j , -@%\*"@/N9+@ "4 = "7"80@" ,5' \* . @: : ' A@"
- j , -@%\*"@/N9+@ "4 | "7"80@"S' : N"R\*" A9@: "\$' +N!" "
- j , -@%\*"@/N9+@ "4 ? "7"80@"S' : N"R\*" A9@: "\$' +N"4"
- j , -@%\*"@/N9+@ "4 F "7"80@"L' MN\*@"%Q"#+ > ' A@ - -%5"
- j , -@%\*"@/N9+@ "4 G "7"80@"M@D" ] @' P@5" 5 - "W' +NO"

8%" > ' &@P, -@%": 9 > > ' +, @: ; "K"\$' A@\$@+" "P, -@%": ,5A\*@" : \$' /@ - "EN%N' ""1"K"\$' A@: H(" ' 5@ : : ' 6"Q%+ > ' (: : ' 6)1(") - 1(Q) - 1(%



)\*- @!\E@")\$)\*\* (%!+' , !)] @!' ' C, %@!

C%!" ;8G43M] 1: ;!, 89: ./34150"

)%+"@P@+6":@>@: N@+ "/+@-,N("NO@"#5-+@D:"Z5,P@+: ,N6"/+@-,N"O%9+"-@Q,5,N,%5"+@F9,+@:"NO' N;"

" 1: ;080!A1;!>;1A800415/!7/038:0!G89;880"V8J9J!\*5- 45403;PWI,5/^9-@"!?" ,5:N+9/N%+ /%5N' /N"O%9+:  
' 5-"=3"O%9+: "%Q",5-@\$@5-@5N"@'+5,5A"" /N,P,N,@:C"

!

)?8!2/.2: ./3415!1A! ?1: ;0!40! =/08G!15!3?8!03: GP!0\_4.0!1A!3?8! /N8; /98! [ 8..M>;8>/;8G!9;/G: /38!03: G853C"  
KN9-@5N:"D@' &"5"NO@:@":&,\*";;"

!H ">' 6"+@F9,+@>%+@N,>@" 5-":0%9\*-"/%5:,-@+ "N' &,5A"0@D@+/"\* :@:"@' /0":@>@: N@+ \ " 5-""

4H "/' 5"0,5-":&,\*"-@P@\*%\$>@5N" :.:N' 5/@"NO+%9AO"NO@K@>,5' +6"KN9-6" 5-"V@:@' +/0"K&,\*:"`%\*\*%F9,' ('  
NO@#Z"9+,N,5A` @5N@+(" 5-#Z"KN9-@5N"K9//@: : "%QQ,/@C""

a5"%+ -@+ "N%" /0,@P@ "NO@ "%9N/%>@: "%Q"NO: "/%9+: @("@" +5,5A"N,>@"D,\*\*\*B@-,:N+,B9N@-"" : "0%\*\*%D: ;"

! "\$%&' (\$)*!, *'-&#'.! "\$\$/#*O'!
X!" ;8G430!

?"  
"

FC^D@#\* (@%!+' , !"' C, %@!\$%%\*F (- @())%!

n+' -@:' +@'B' :@-%5"NO@",5-@\$@5-@5N"\*@' +5,5A"" /N,P,N,@:"B@\*%D"DO,/O"\$+%P,-@"\$+' /N,/@"N%D' +-( "' 5-"

V' 5&%KN@Q' 5%P,/(R+%Q@: :+%Q"M@D"8@: N' >@5N"

. ##-P@5N,:N'a5N@+5' N,%5' \*a5:N,N9N@%Q"#-P' 5/@-"KN9-,@:"E! GG3H"  
ROU"#5-+@D:"Z5,P@+:,N6"E! GG?H"

. @>B@+:0,\$",5"K/O%\*' +\*6"K%/,@N,@:; "

K%/,@N6"%Q"L,B\*,/' \*S,N@+ ' N9+@: ,5/@! GG1 "

` O,/' A"%K%/,@N6"%Q"L,B\*,/' \*V@: @' +/O": ,5/@"433! C"

#-P@5N,:N"K%/,@N6"0%+"V@\*,A,%9:"KN9-,@:": ,5/@! GGF"

#-P@5N,:N"80@%\*%A,/' \*K%/,@N6": ,5/@"43! 3"

#D' +-:; "

^C"M"#5-+@D: ". @-' \*\*%5"7" D' +-@-"B6"#5-+@D:"Z5,P@+:,N6("43! =C"

\_8@' /O@+%Q"NO@"O@' +"#D' +-e" D' +-@-"B6"#5-+@D:"Z5,P@+:,N6"KN9-@5N#:::/, ' N,%5("433=C"

\_80@'U' 5,@\*"#C"#9A: B9+A@+"WX/@\*\*@5/@,5"8@' /O,5A"#D' +-e" D' +-@-"B6"NO@` %\*\*@A@%Q"#+N: "' 5-"  
K/,@5/@: ("#5-+@D:"Z5,P@+:,N6("433=C"

\_8@' /O@+%Q"NO@. % -9\*ee"7" D' +-\$+@: @5N@-"B6"NO@"R06: ,/' \*\*80@+ ' \$6/' \* : : "%Q"433! ("#5-+@D: "

Z5,P@+:,N6("Q%+"@X/@\*\*@5/@,5"N@' /O,5A"%Q"NO@"G,5N@+. % -9\*%Q"433! C"

\_80@"] @5+6" 5-" ]' ++,@N^%05: %5"#D' +- "Q%+"WX/@\*\*@5/@,5"8@' /O,5Ae" D' +-@-"B6" ` ' 5' -, ' 5"

Z5,P@+:,N6" ` %\*\*@A@("! GGGC"

V' 5&%KN@Q' 5%P,/"O%\*-: " "ROU",5"NO@" +@' "%Q"M@D"8@: N' >@5N"D,NO" 5"@>\$0' :,: "%5"NO@B%&%"Q"

V@P@\* N,%5C""R,+%"N%["%,5,5A"NO@Q' /9\*N6" N"#5-+@D:"Z5,P@+:,N6("O@: @+P@-"Q%+"@,AON@@5"6@' +: "' : " 5"

%+- ' ,5@-"KU#" >,5,: N@+,5"0,: "O%>@"/%95N+6"%Q"DO' N"9:@-"N%B@"09A%: \* P, ' C"#QN@+"" /%5N+' /N"N@' /O,5A"Q%+" "

6@' +' 5- "' O' \*Q,5"NO@"KU#"80@%\*%A,/' \*K@>,5' +6("O@>%P@-"N%" ` ' 5' -, ' 5"Z5,P@+:,N6" ` %\*\*@A@(" ` ' 5' -' ("

DO@+@"O@N" 9AON" 5-"/O' ,+@-"NO@"U@\$' +N>@5N"%Q"V@\*,A,%9:"KN9-,@:"Q+%>!" GGF2! GGGC")+%>!" GGG2433G("O@"

N' 9AON" N"NO@"U@\$' +N>@5N"%Q"V@\*,A,%5(" #5-+@D:"Z5,P@+:,N6"DO@+@"O@" ` :%"/O' ,+@-"NO@"-@\$' +N>@5N,5"NO@"

\$@+,%- "Q+%>"433F2433G" a5"433G("O@>%P@-"N%"NO@"KU#"80@%\*%A,/' \*K@>,5' +6"DO@+@"O@": "/9++@5N"6"

N@' /O,5A",5"NO@"M@D"8@: N' >@5N"U@\$' +N>@5N""

KN@Q' 5%P,/"O' : "\$+@: @5N@-: /O%\* +\*6"\$ \$@+: "' N"\$+%Q@: :,%5' \*%:/, @N,@: ",5/\*9-,5A"K%/,@N6"%Q"L,B\*,/' \*"

' ) ] @ , ! " " C , % @ M

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C08!1A!@.823;15420!!

M%"+@/%+-,5A"%+:N+@' >,5A",: "\$@+>,MN@-"5":@>,5' +6"/%9+:@:ℓ"

`%9+N@:6("+@: \$@/N(" 5-"\$+%0@::,%5' \*,:>"-,/N' N@NO' N"" \$N%\$: " 5-" /@\*\*\*\$0%5@:" +@N%"B@'9:@-"%5\*6"0%+/"\*\* ::2  
+@' N@-" /N,P,N,@:"-9+,5A"/\*\* :: "N,>@ℓ"

"177: 542/34150!/5G!C>G/380!"

W>' ,\*,: "NO@%00,/, ' ""0%+>"%0"/%>>95,/ ' N,%5"" N"#5-+@D:"Z5,P@+:,N6ℓ""KN9-@5N:" +@'+@: \$%5:,B\*@"0%+  
/0@/&,5A"NO@,+ #5-+@D:"Z5,P@+:,N6"@2>' ,(\*. %%-\*@" 5-"j 9@"" \*@+N:"+@A9\*'+\*6ℓ"

#8/:5459] : =!\$22800!

#5-+@D:"Z5,P@+:,N6"S@'+5,5A"] 9B"0%:N:"NO,:"/%9+:@%"5\*,5@ℓ"0%9+"S@'+5,5A"] 9B"9:@+5' >@" 5-"  
\$' ::D%+-"" +@NO@:"' >@" : "6%9+"#5-+@D:"9:@+5' >@" 5-"\$' ::D%+-ℓZ:@NO@"0%""D,5A"/%5N' /N'  
,50%+>' N,%5',Q'6%9'5@@-"N@/05,/' "" ::,;N' 5/@' N' 56"N,>@"-9+,5A"NO@"/%9+:@("N%"+"\$%+N'" "  
\$+%B\*@>"D,NO"S@'+5,5A] 9Bℓ"

"

Z:@+5' >@" 5-"\$' ::D%+-"" ::,;N' 5/@"	<a href="#">0@\$-@:&amp;J ' 5-+@D:ℓ@-9"</a>	E4FGH"l 1! 2F3! F"
--	---	--------------------

#8338;!F;/G80!/5G!E8;2853/980J!

"G?2! 33o """"#"	<32<l o """"L """"	F?2FGo """"~ """" "	"
"G32GI o """"#2"	1?21Go """"L2"	F32FI o """"~ 2"" "	"
"<?2<Go """"Lr"	1321l o """"~ r"	???2Go """"U"	

"  
7! "#D#E\$%&"#!

#5#"A+ '-@, : "A, P@5%5\*6"D0@5"" : N9-@5N"5N"%5\*6"09\*0, \*\*: "NO@"/+, N@+, ' "0%+" "L"A+' -@("B9N", 5"-%, 5A": %"  
-@>%5:N+ ' N@: " 5" -P' 5/@- " /' -@>, /" \$N, N9-@'0%+" /%5N@5N"&5%D\*-A@("/+, N, f9@(" : 65N0@: , : " 5-"  
, 5-@\$@5-@5N", 5: , AON("D0, \*@X0, B, N, 5A"0, A0\*6"-@P@\*%\$@- "/%> > 95, /' N, %5": &, \*\*: " 5-"\$+%Q@: : , %5' \*\*  
\$9B\*, /' N, %5": N' 5-' +-: "NO' N'D%9\*-" \*\*%D"NO@>"N%"\$9+: 9@' "0, A0\*6"/%> \$@N, N, P@' /' -@>, /' /' +@@+c\*

7! "#F#E\$%&"#!

80@L"A+' -@, : " : , A5"NO' N"6%9"0' P@"/%> \$@N@5N"6"09\*0, \*\*@- " \*\*%Q"NO@'+@f9, +@>@5N": N, \$9\* ' N@-"0%+" 5"  
' : : @: : >@5N"%+ /%> \$@N@5/6"@P' \*9' N, %5C""aN", : " "P@+6"A%-%- "A+' -@' 5-"-@>%5:N+ ' N@: " "0, A0\*\*@P@\*\*%Q"NO@"  
&5%D\*-A@(" : 5: , AON("/+, N, /' \*\*/%> \$@N@5/@' 5-"\$+%Q@: : , %5' \*\*\$+@: @5N' N, %5": N' 5-' +-: @: : @5N, ' \*\*0%+" 5"  
, 5-, P, -9' "D: , 0, 5A"N%"\$9+: 9@' /' +@@+ " : " "\$+%Q@: : , %5' \*\*@' -@+, 5">, 5: N+6c\*

7! "#)#E\$%&"#!

80@L"A+' -@- , 00@+: "%5\*6"0+> " "L"A+' -@, 5"NO' N"NO@N+ ' , N: "%9N", 5@- , 5"NO@L"A+' -@" B%P@' +@5"N"  
/%5: : N@5N"6" \$\*\$, @-c"" ] D@P@+("D, NO"- , \*, A@5/@' 5-"B6" "\$\*6, 5A"0@@-B' /&"0+>"6%9+\*\*@/N9+@+("NO@"  
' /' -@>, /"\$+%/@: : /' 5"\$+%P, -@%\$+\$+N95, N6"0%+" " : N9-@5N"N%", > \$+P@NO@, + /%5: : , N@5/6(" 5-"0@5/@("NO@, +  
A+' -@c\*

7! "#C#E\$%&"#!

80@U"A+' -@%\$, 5N: "N%" " " , > , N@- \*\*@P@\*\*%Q"&5%D\*-A@(" : 5: , AON(" 5-"/+, N, f9@(" : "D@\*\*\*\* : "N%", 5' -@f9' N@f9' \* , N6"  
%Q"D+, MN@5"D@+&c""80, : ">' 6"B@B@/' 9: @%Q" " " /&"%Q"N, >@>' 5' A@>@5N"%5"NO@\$' +N"%Q"NO@: N9-@5N"  
- , 00, /9"N6"A+' : \$, 5A"NO@"/%5/@N: "B@, 5A"N' 9AON("9: @%Q"0W5A\* : 0" : " " : @/%5- " " 5A9' A@("+" "\$@+: %5' " " : : 9@"  
NO' N", : " Q@/N, 5A"%5@Y: "/%5/@5N+ ' N, %5" 5-">%N, P' N, %5\*\*@P@\*: c""#A' , 5("D, NO"- , \*, A@5/@(" "\$\*6, 5A"0@@-B' /&"  
Q+>"6%9+\*\*@/N9+@+(" 5-": @@&, 5A": @+P, /@: "%Q0@+@-"B6"NO@Z5, P@+: , N6\*\* , &"NO@D+, N, 5A"" B"%+"NO@"/%95: @\* , 5A"  
/@5N@+("NO@' /' -@>, /"\$+%/@: : /' 5"\$+%P, -@' 5"%\$+\$+N95, N6"0%+" " : N9-@5N"N%": , A5, Q, /' 5N\*6, > \$+P@NO@, +  
\$@+0%+>' 5/@c"

7! "#G#E\$%&"#!

#"Q' , \* , 5A"A+' -@, : "A, P@5"D0@5"P@+6\*\* , > , N@- "%+"5%"-@>%5:N+ ' B\*@"/%> \$@N@5/6"0' : "B@@5%B: @+P@-c""  
"

\$EE@(D\*\!|!6!E, ' F, \$- !#@\$, (\* (F! C)''' - @%!

- \$%)@, %!E, ' F, \$- %!

!

QJ - \$!45!E/031;/.!- 45403;PIV- \$E- W!

!

!H U@\*,P@+@00@/N,P@B,B\*,/' \*\*62B' :@-":@+>%5:"

4H U@>%5:N+' N@"\$+%\$@+"B,B\*,/' \*\*,5N@+@\$+@N' N,%5":&,\*\*:"

=H Z5-@+:N' 5-"NO@Q,:N%+,' \*2NO@%\*%A,/' \*\* -@P@\*%\$>@5N"%0"NO@K@P@5NO2-' 6"#-P@5N,:N` 09+/0"

IH WX0,B,N/' \$' B,\*,N6"0%+"N+',5,5A"/09+/0">@>B@+: "0%+"@P' 5A@\*,: >"

?H U@>%5:N+' N@"' 5"95-@+:N' 5-,5A"%0%0%D"N%"@>D@+/"09+/0">@>B@+: "0%+"@' -@+:0,\$"

FH WX0,B,N/' \$' B,\*,N6"0%+"@' /0,5A": \$@/,0,/" :%/, ' \*\*A+%9\$:"

!

!

IJ - /038;!1A!D4N4543PIV- D4NW!

!

!H "E` O' +' /N@+H". %-@\*":\$,+,N9' ""09>\*,N6(">' N9+,N6" 5-,5N@A+,N6"A+%95-@-,"5" "" ,P,5A"@X\$@+,@5/@"

!!"  
"



