

3F4#*12##*(N/%#\$F/*5(D/1#*\$F2\$%/[&4%/*21-/E%2*2"D*21'&1&#*2"D*/N/,%#\$&D/"\$*4#*
2##&5/D*\$(*F2N/*2*M(%Q4"-*Q"(M1/D-/*(J*\$F/5;*P##&'FO*\$F/*52\$F/52\$4'#*G%/%/[&4#4\$/#
M411*E/*#\$%4'\$1,*/"J(%'/D;*012##/##*\$2Q/"*4"*\$F/*#25/*#/5/#\$/%*2%/*(\$*#&JJ4'4/"\$*;

%

M078-,=%

3F/%*M411*E/*\$F%/*54D\$/%5#O*2*J4"21*/_254"2\$4("O*2"D*2##4-"5/"\$#;***%

@(*/_25*M411*E/*-4N/"*/2%1,O*2"D*\$F/%*M411*E/*,4%@7K/;<%/J7@N`(&'2"D%(G*("/
54D\$/%5O*4"*MF4'F*2#/*,(&%*J4"21*/_25*M411*M(%\$F#F4-F/9241*4J*,(&*54##*5(%/*
\$F2"*\$M(*54D\$/%5#*(%*J4"21;*+GQJ#2411)*21'&12\$/211*J(&%*M2,#*E/1(M*2"D*G4'Q*\$F/*
F4-F/#\$(J*\$F/5*J(%*,(&%*-%2D);**24

M078-,=%?-1<:2/

T1/2#/*D(* @I3#D*5*/5241#*("-%2D/#;*R%2D/#*2"(\$E/*D4#&##/D*(N/%*/5241*D&/*\$(*
8?UTP*W\$F/*82541,*?D&'2\$4("21*U4-F\$#*P"D*T%4N2,,YF'G(J/D)SA'(5/*#//
5/*4"*(JJ4/*F(&%#*4J*,(&*F2N/*2*[&/#\$4("2E(&\$*,(&%*-%2D/;*!M411"(\$*/5241*,(&*E2'Q*4J'
,(&%*/5241*E/*[&/#\$4("4"-*2E(&\$*,(&%*-%2D/;*

*

M078-,=%;A76/

<u>Y S</u>	<u>G a</u>	<u>Y S</u>	<u>G a</u>
^L;: K9::: a*	P*	BL;:KBd;â*	0*
^::: K^X;â*	PK*	B::: KBX;â*	0K*
\B;: K^;^a*	eb*	dB;:Kd^;â*	Sb*
\L;: Kld;^a*	e*	dL;:Kdd;â*	S*
\::: K\X;^a*	eK*	d::: KdX;â*	SK*
BB;:KB^;â*	0b*	f=^;^ a*	8*

%

%

O/A2:0/9%

%

P\$\$/"D2"/*M411*E/*\$2Q/"D241,;!J*,(&*54##*B*(%*5(%/*(J*\$F/*#F/D&1/D*12##*5//\$4"-#O*
,(&%*')(&%#/*-%2D/*M411*E/*2&\$(\$24'211,*1(M/%/D*\$M(*1/N/1#*W/;-;*4J*,(&*-\$*2*eb*E&\$*F
54##/D*B*(%*5(%/*12##/#O*,(&%*-%2D/*M411*E/*1(M/%/D*\$(*2*eKY;*3F/#/*2E#/"#*2%/ *
4"\$D/D*\$*(N/%*E(\$F*N214D*W411"/##O*J2541,*/5/%-/"Y*2"D*4"N214D*%/2#"#*J(%*54#;
'12##,*(&*"/D*\$(*2\$\$/D*5(%/*\$F2"*\a*(J*12##*5//\$4"-#*\$(-/\$*2*G2##4"-*-%2D/O*MF4'F*
5/2"#*,(&*M411*J241*\$F4#*4&%(â*54##*9%*5(%/*(J*\$F/*#D&1/D*12##*5//\$4"-#;*

*

!J*,(&*2%/*D4#F("/#\$*2E(&\$*2\$\$/D2"/%/,(&*M411*E/*G/"214g/D*E,*D(M"-%2D/*(J*
,(&%*-%2D/*E,*\$F%//1/N/1#;*

*

`(&*2%/*%/#G("#4E1/*J(%*211*4"J(%52\$4("*(N/%/D*4"*12##*1/'\$&%/#;!*D("(\$G(#\$*(%*-4N
5,*"(\$/#;!*J*,(&*54##*2*12##O*,(&*#F(&1D*E/*2E1*\$*(-/\$*F/*"(\$/#*J%(5*(/*J*,(&%*
'12##52\$/#;*(â*2%/*/'"(&%2-/D*\$*(5/*\$*5,(JJ4/*F(&%#*\$(D4#&##*\$F/*52\$/%421*,(&*
54##/DO*E&\$*,(&*5&#*\$J4%#\$(E\$24"*2"D*-(N/%*\$F/*"(\$/#;T1/2#/*%/N4/M*\$F/*52\$/%421*
'(N/%/D*4"*\$F/*G%/N4(\$&%/*E/J(%/*'(54"-*\$(*12##;*8&11*G2%\$4'4G2\$4("4"*12##*
2'\$4N4\$4/*#4#*/_G/'\$D;*

%

\$4)67<24<%L46%A3

3F4#*12##*D(/#* @I3%/[&4%/*2*12G\$(G*4"*1/'\$&%/#;*>#/*(J*2*12G\$(G*D&%4"-*\$F/*1/'\$&%
#%\$4'\$1,*G%(F4E4\$D;***

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L04F6/@%;/21

T%2'\$4!/*G%(E1/5*#/\$#*M411*E/*G(#\$/D*("*\$F/*'(&%#2"D/\$#4,\$M411* @I3*E/*-%2D/D;**
T%(E1/5*#/\$#O*F(M/N/%O*2%/*,(%#*E/#\$*M2,*J*G%/G2%4"-*2"D*#&D,4"-*J(%*\$F/*/_25#C
F4-F1,*/'(&%2-/*,(%*\$(*D*,(%#*E/#\$*\$(#(1N/*\$F/5*(",(%#*(M"(%*M4\$F*2*#&D,*-%(&G;***

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P11-=,@/,21%

3F%/M411*E/*G%(K#(1N4"-*2"D*M%4\$4"-*2##4-"5/"\$#;*+F(%\$*G%(E1/5K#(1N4"-*
2##4-"5/"\$#*M411*E/*%2"D(51,*-4N/"*4"*12##*\$F%(&-F(&\$*\$F/*#5/#\$/*2"D!*/_G/'\$*,(&\$(*
E/*%/2D,*J(%*\$F/5;*P1#(*\$M(*\$2Q/KF(5/*M%4\$4"-*2##4-"5/"\$#*M411*E/*-4N/*,*S/\$241#*2%/E/*2"(&"/D;***

*

'("J14\$#\$M4\$F*#F/D&1/D*/_25#O*2##4-"5/"\$#O*(%*%/[&4%/D*2\$\$/"D2"/;!J*,(&*F2N/*2*
'("J14\$O*G1/2#/*("2'\$*5/*2\$*\$F/*E/-4"4"-*(J*\$F/*\$/%5*#(*M/*'2"*52Q/*G%(G/*
2%%2"-/5/"\$#;*

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+\$&D/"\$#*2"D*J2'&1\$,*/2'F*F2N/*%/#G("#4E414\$,*J(%*524"\$24"4"-~~\$2**1229G%~~(G%42
/"N4%("5/"\$;+&\$D/"\$#*MF(*J241*\$(*2DF%//*\$(*#&'F*E/F2N4(%21*#\$2"D2%D#*52,*E/*#&Eh/
\$(*D4#4G14"/;*82'&1\$,*F2#*\$F/*G%(J/##4("21%/#G("#4E414\$,*\$(*/%2/\$*211*#\$&D/"\$#*M4;
&"D/%#\$2"D4"-O*D4-"4\$,*2"D*%/#G/'\$O*\$(*-&4D/*'12##%((5*D4#&##4("2"D*\$(*#/\$*/2#("2E
1454\$#*("\$F/*52"/%*4"*MF4'F*\$F/,*2"D*\$F/4%*#\$&D/"\$#*/_G%/##*(G4"4("#;*T%(J/##4("21*
'(&*\$#/,*2"D*#/"#4\$4N4\$,*2%//*#G/'4211,*45G(%\$2*\$*M4\$F*%/#G/'\$*\$(4"D4N4D&21#*2"D*\$
D/214"-*M4\$F*D4JJ/%/"#/*(J*%2'/O*1&\$&%/O*%/14-4("O*G(14\$4#O*#/_&21*(%4/"\$2\$4("O*
N2%42"/O*2"D*2\$4("214\$4/#;*012##%*(#\$/%#*2%/*G%(N4D/D*\$(*F/*4"#%&'\$*(%*M4\$F*\$
#\$&D/"\$#*1/-21**25/;*!M411*-12D1,*F("(*,(&*%/[&/#\$*(\$2DD%/##*,(&*E,*2**21\$/%2\$/*
"25/*(%*-/D/*G%("(&*T1/2#/*2DN4#/*5/(J*\$F4#*G%/J/%/"'/2%1,*4**\$F/*#5/#\$/%*#(
\$F2\$!*52,*52Q/*2GG%(G%42\$/'F2"-/#\$(\$5,*%/'(%D#;*

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P11*#\$&D/"\$#*(J*\$F/*>"4N/%#4\$,*(J*0(1(%2D(*2*\$*e(&1D/%*2%//*%/#G("#4E1/*J(%*Q"(M4"-*2
2DF/%4"-*\$(*F/*2'2D/54'*4\$/-%4\$,*G(14',*(J*\$F4#*4"#4\$&\$4(";*j4(12\$4("#*(J*\$F4#*G(14',*5
4"1&D)')F/2\$4"-O*G12-42%4#5O*24D*(J*2'2D/54*'D4#F("/#\$,O*J2E/428E/0,O,2"D*
\$F/%2\$/"4"-E/F2N4(%;*P11*4"4D/"\$#*(J*2'2D/54*'54#("D&\$*#F211*E/*%/G(%\$/D*\$(*F/*
J("(*0(D/*0(&"41*WF("(*C'(1(%2D(;D&k*L:LKBX=KXXBLY;+&\$D/"\$#*MF(*2/*J(&"D*\$(*
E/*4"*N4(12\$4("*(J*\$F/*2'2D/54'*4\$/-%4\$,*G(14',*M411*E/*#&Eh/'\$/\$4E(\$F*2'2
#2"\$4("#*J%(5*\$F/*J2'&1\$,*5/5E/%*2"D*("K2'2D/54'*#2"\$4("#*W4"1&D4"-*E&\$*(\$
1454\$/D*\$(*&"4N/%#4\$,*G%(E2\$4("O*#&#G/"#4("O*(%*/_G&1#4("Y,*I\$F/%*4"J(%52\$4("("\$F
J("(*0(D/*2"*E/*J(&"D*2*\$F\$G)HHMMM;'(1(%2D(;D&HG(14'4/#HF*2'(D,2\$51
[F\\$G\)HHMMM;'\(1\(%2D\(;D&H2'2D/54'#HF\("'%/D/H;*](#)

D a Ha a P

3F/*>"4N/%#4\$,*(J*0(1(%2D(*2*\$*e(&1D/%*G(14',*("\$S4#'%454"2\$4("2"D*]2%2##5/"\$*
WF\$G)HHMMM;'(1(%2D(;D&HG(14'4/#HD4#'%454"2\$4(";F\$51O*\$F/*>"4N/%#4\$,*(J*0(1(%2
G(14',*("\$+/_&21*]2%2##5/"\$*2"D*\$F/*>"4N/%#4\$,*(J*0(1(%2D(*G(14',*("\$P5(%(&#*
U/12\$4("#F4G#*2GG14/#*\$(*211*#\$&D/"\$#O*#\$2JJ*2"D*J2'&1\$,,*P"J2\$&D/"\$O*#\$2JJ*(%*
5/5E/%*MF(*E/14/N/#*#HF/*F2#*E/"\$F/*#&Eh/'\$*(J*D4#'%454"2\$4("*(%*F2%2##5/"\$*E2#/D*