

!"#\$%&'()*+,-./:01

2\$34(5%4	6&'7	20'7	8/09	: '\$70(2\$; &/
<*)=> 2"3	?/2/%#	@#3\$#%(A/1%	B	
=C=C)* !/&/9D	2%E/F	GH(A/1%	>	
<<I*), J /'7%#	K\$/9	L OM%&(L %7\$%#	,	
=C<=CN 003P/1	H&%''	GP%+Q\$&RO%3S(#(O%OT	<	
<)BC** 5\$3S	00S0''S0'	@#3\$#%(A/1%	=	
<*>=> !09/'	U%&. /7	@#3\$#%(A/1%)	
<<>C>> !03%;	U%&. /7	@#3\$#%(A/1%)	
<I===== Q1\$NDP	G010'	@#3\$#%(A/1%)	
<I<N>B @. /	HP0. /F	L OM%&(L %7\$%#)	
- #/(?0D	L 077P/V	8%TT)	

!"#\$%&'()*+),(@#T"&0#3/

2\$34(5%4	6&'7	20'7	8/09	: '\$70(2\$; &/
<*)=> 2"3	?/2/%#	@#3\$#%(A/1%		B
=C=C)* !/&/9D	2%E/F	GH(A/1%		>
<<I*), J /'7%#	K\$/9	L OM%&(L %7\$%#		,
=C<=CN 003P/1	H&%' '	GP%+Q\$&RO%3S(#(O%OT		<
<)BC** 5\$3S	00S0" S0'	@#3\$#%(A/1%		=
<*>=> !09/'	U%&. /7	@#3\$#%(A/1%)
<<>C>> !03%;	U%&. /7	@#3\$#%(A/1%)
<I===== Q1\$NDP	G010'	@#3\$#%(A/1%)
<I<N>B @. /	HP0. /F	L OM%&(L %7\$%#)
- #/(?0D	L 077P/V	8%TT)

!"#%&'()*+,-./:;<=>@

2\$34(5%4	6&&'7	20'7	8/09	: '\$70(2\$; &/
<*)=> 2"3	?/2/%#	@#3\$#%(A/1%		B
=C=C)* !/&/9D	2%E/F	GH(A/1%		>
<<I*), J /'7%#	K\$/9	L OM%&(L %7\$%#		,
<)BC** 5\$3S	00S0''S0'	@#3\$#%(A/1%		<
=C<=CN 003P/1	H&%''	GP%+Q\$&RO%3S(#(O%OT		=
<*>=> !09/'	U%&. /7	@#3\$#%(A/1%)
<<>C>> !03%;	U%&. /7	@#3\$#%(A/1%)
<I===== Q1\$NDP	G010'	@#3\$#%(A/1%)
<I<N>B @./	HP0. /F	L OM%&(L %7\$%#)
- #/(?0D L 077P/V	8%TT)

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

2\$34(5%4	6&'7	20'7	8/09	: '\$70(2\$; &/
<)BC** 5\$3S	00S0"SO'	@#3\$#%(A/1%		B
-#/(?OD	L077P/V	8%TT		>
<*)=> 2"3	?/2/%#	@#3\$#%(A/1%)
=C=C)* !/&/9D	2%E/F	GH(A/1%)
<<I*), J /'7%#	K\$/9	L0M%&(L%7\$%#)
=C<=CN 003P/1	H&' '	GP%+Q\$&RO%3S(#(O%OT)
<*>=> !09/'	U%&. /7	@#3\$#%(A/1%)
<<>C>> !03%;	U%&. /7	@#3\$#%(A/1%)
<I==== Q1\$MOP	G010'	@#3\$#%(A/1%)
<I<N>B @. /	HP0. /F	L0M%&(L%7\$%#)

!"#\$%&'()I+)B(-./&01

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
=N) , B< !%&T0#	XPT0#%.	@#3\$#%(A/1%	B	
=N*)B) @TV0&T	U%&. /7	@#3\$#%(A/1%	>	
<I * <<> Y&\$0#	Z&0S%.	@#3\$#%(A/1%	,	

!"#\$%&'()I+)B(@#T"&0#3/

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
<I * <<> Y&\$0#	Z&0S%.	@#3\$#%(A/1%	B	
=N) , B< !%&T0#	XPT0#%.	@#3\$#%(A/1%	>	
=N*)B) @TV0&T	U%&. /7	@#3\$#%(A/1%	,	

!"#%&'()I+)B(GE&\$#7

2\$34(5%4	6\$&'7	20'7	8/09	: '\$70(2\$; &/
=N*)B) @TV0&T	U%&. /7	@#3\$#%(A/1%	B	
=N), B< !%&T0#	XPT0#%.	@#3\$#%(A/1%	>	
<I * <<> Y&\$0#	Z&0S%.	@#3\$#%(A/1%	,	

!"#\$%&'()I+)B(QWW&/' '\$%#

2\$34(5%4	6\$&'7	20'7	8/09	: '\$70(2\$; &/
=N), B< !%&T0#	XPT0#%.	@#3\$#%(A/1%	B	
=N*)B) @TV0&T	U%&. /7	@#3\$#%(A/1%)	
<I * <<> Y&\$0#	Z&0S%.	@#3\$#%(A/1%)	

2\$34(5%4	6&'7	20'7	8/09	:'70(2\$; &/
<)>NC= @&\$3S	G%; /D	A/1%(H1''; (20(K&0#W/	B	
=B*>N< Q#7P%#D	5%. %0	L OM%&(L %7\$%#	>	
=NI , NB ODO#	YO&&/77	- 80	,	
=NN<)* !'' 7\$#	?\$11%#	GP\$90#%	<	
<*<=> Z\$/&%#	L /#F\$/'	: &/T07%&	=	
<>>=* = 0%; /&7	G/[7%#)	
=N)N<I !09/'	U\$1D/&	L OM%&(L %7\$%#)	
)*=BC= : 07&\$3S	Q; \$11/	: &/T07%&)	
<>B, <*> G7/. /	Y&%V#)	
<IBC, C 20#T%#	80W''\$E/T)	
=N*)B) @TV0&T	U%&. /7	@#3\$#%(A/1%)	
=, <=IB Z/\$7P	K&\$#/	@#3\$#%(A/1%)	
<<>BN= L 077P/V	X''S	: &/T07%&)	
=I)<*> Z/0''	J %#W	GV09\$')	
=N*I, = ?0#\$/1	?%V1\$#W)	
)*>CBB !'' 7\$#	6%&; /'	L /#(%\G7//1(003\$#W)	
<<I, *B Q1/[	G7/\$#/&	: &/T07%&)	

2\$34(5%4	6\$&'7	20'7	8/09	: '\$70(2\$; &/
<)>NC= @&\$3S	G%; /D	A/1%(H1''; (20(K&0#W/		B
=NN<)* !''7\$#	?\$1%#	GP\$90#%		>
=NI , NB ODO#	YO&&/77	-80		,
<*<=> Z\$/&#%	L /#F\$/'	: &/T07%&		<
)*=BC= : 07&\$3S	Q; \$11/	: &/T07%&		=
=B*>N< Q#7P%#D	5%. %0	L OM%&(L %7\$%#)
<>=>* = 0%; /&7	G/[7%#)
=N)N<I !09/'	U\$1D/&	L OM%&(L %7\$%#)
<>B, <*> G7/. /	Y&%V#)
<I BC, C 20#T%#	80W"\$E/T)
=N*)B) @TV0&T	U%&. /7	@#3\$#%(A/1%)
=, <=IB Z/\$7P	K&\$#/	@#3\$#%(A/1%)
<<>BN= L 077P/V	X"S	: &/T07%&)
=I)<*> Z/0"	J %W	GV09\$')
=N*I , = ?0#\$/1	?%V1\$#W)
)*>CBB !''7\$#	6%&; /'	L /#(%\G7//1(003\$#W)
<<I , *B Q1/[	G7/\$#/&	: &/T07%&)

2\$34(5%4	6&'7	20'7	8/09	: '\$70(2\$; &/	
<>>NC= @&\$3S	G%; /D	A/1%(H1''; (20(K&0#W/			B
=B*>N< Q#7P%#D	5%. %0	L OM%&(L %7\$%#			>
<>>=* = 0%; /&7	G/[7%#				,
<*<=<=> Z\$/&%#	L / #F\$/'	: &/T07%&			<
=NI , NB ODO#	YO&&/77	-80)
=NN<)* !''7\$#	?\$11%#	GP\$90%#)
=N)N<I !09/'	U\$1D/&	L OM%&(L %7\$%#)
)*=BC= : 07&\$3S	Q; \$11/	: &/T07%&)
<>B, <*< G7/. /	Y&%V#)
<I BC, C 20#T%#	80W''\$E/T)
=N*)B) @TV0&T	U%&. /7	@#3\$#%(A/1%)
=, <=I B Z/\$7P	K&\$#/	@#3\$#%(A/1%)
<<>BN= L 077P/V	X''S	: &/T07%&)
=I)<*< Z/0''	J %#W	GV09\$')
=N*I , = ?0#\$/1	?%V1\$#W)
)*>CBB !''7\$#	6%&; /'	L / #(%\G7//1(003\$#W)
<<I , *B Q1/[	G7/\$#/&	: &/T07%&)

2\$34(5%4	6&'7	20'7	8/09	: '\$70(2\$; &/
=NI, NB ODO#	YO&&/77	-80		B
<<>BN= L 077P/V	X''S	: &/T07%&		>
<>B, < * G7/. /	Y&%V#			,
<>>= * = 0%; /&7	G/[7%#			<
<> >NC= @&\$3S	G%; /D	A/1%(H1''; (20(K&O#W/)
=B* >N< Q#7P%#D	5%. %0	L 0M%&(L %7\$%#)
=NN<) * !'' 7\$#	?\$11%#	GP\$90#%)
< * =<=> Z\$/&%#	L / #F\$/'	: &/T07%&)
=N) N<I !09/'	U\$1D/&	L 0M%&(L %7\$%#)
) * =BC= : 07&\$3S	Q; \$11/	: &/T07%&)
<I BC, C 20#T%#	80W''\$E/T			

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
=C<=CN 003P/1	H&%''	GP%+Q\$&(R(O%3S(#(O%OT	B	
< *I =<C O/; /330	] ' &0/1	L 0M%&(L %7\$%#	>
==>I *) 5\$3%1/	2/&%'' [	L /701(L %'' #70\$#	,
<>B* >= G0' P0	: /&&D	GV0&9^	<	
- #/(?0D	!/##\$\/&	8' %	=	

H07/W%&D(<+, (J %9/#(@#T" &0#3/

2\$34(5%4	6&&'7	20'7	8/09	: '\$70(2\$; &/
=C<=CN 003P/1	H&%''	GP%+Q\$&(R(O%3S(#(O%OT		B
< * I = < C O / ; / 330	] ' & O / 1	L O M % & (L % 7 \$ % #		>
==> I *) 5 \$ 3 % 1 /	2 / & % " [	L / 7 0 1 (L % " # 7 0 \$ #		,
< > B * > = G O ' P O	: / & & D	G V O & 9 ^		<
- # / (? O D	! / # # \$ \ / &	8 ' %		=

H07/W%&D(<+, (J %9/#(GE&\$#7

2\$34(5%4	6\$&'7	20'7	8/09	: '\$70(2\$; &/
=C<=CN 003P/1	H&%''	H&%''	GP%+Q\$&(R(O%3S(#(O%OT	B
< *I =<C O/; /330	J' &0/1	J' &0/1	L 0M%&(L %7\$%#	>
<>B* >= G0' P0	: /&&D	: /&&D	GV0&9^	,
==>I *) 5\$3%1/	2/&%'' [	2/&%'' [	L /701(L %'' #70\$#	<
- #/(?0D	!/#\$\$/&	8' %		=

H07/W%&D(<+, (J %9/#(QWW&/' '\$%#

2\$34(5%4	6&&'7	20'7	8/09	: '\$70(2\$; &/
=C<=CN 003P/1	H&%''	GP%+Q\$&(R(O%3S(#(O%OT))
<*<I=<C O/;/330	] '&0/1	L 0M%&(L %7\$%#))
==>I *) 5\$3%1/	2/&%'' [	L/701(L %'' #70\$#	>	>
<>B*>= G0' P0	:/&&D	GV0&9^	B	B
- #/(?0D	!/##\$\&	8' %))

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
=), B>< ?0#\$/1	KOD	K/7(H&03S\$#_(L_G	B	
=I ><BC L0&S	5/' 90##	]&#%#1D	>	
<)) * << OD0#	L 3]#7%' P	: &/T07%&	,	
)IC<I > !03%;	8" #W	H/1%(: 03\$3	<	
)>* , => Q&09	K%W0#\$0#	: &/T07%&	=	
=) == Z/#	Q. 3P/#	20(K&0#W/)	
)>>CCI Z07PD	Z//1/D	20(K&0#W/)	

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
=), B>< ?0#\$/1	KOD	K/7(H&03S\$#_(L G		B
<)) * << ODO#	L 3]#7%' P	: &/T07%&		>
=I ><BC L 0&S	5/' 90##	] &#%\1D		,
) I C<I > !03%;	8'' #W	H/1%(: 03\$3		<
) >*, => Q&09	K%W0#\$0#	: &/T07%&		=
=) == Z/#	Q. 3P/#	20(K&0#W/)
) >>CCI Z07PD	Z//1/D	20(K&0#W/)

H07/W%&D(<(L / # (GE&\$#7

2\$34(5%4	6&'7	20'7	8/09	: '\$70(2\$; &/
=), B>< ?0#\$/1	KOD	K/7(H&03S\$#_(L G		B
=I ><BC L0&S	5/'90##	]&#\1D		>
<)) * << OD0#	L 3]#7%' P	: &/T07%&		,
)IC<I > !03%;	8''#W	H/1%(: 03\$3		<
)>>CCI Z07PD	Z//1/D	20(K&0#W/		=
)>* , => Q&09	K%WO#\$0#	: &/T07%&)
=) == Z/#	Q. 3P/#	20(K&0#W/)

H07/W%&D(<(L /#(QWW&/' '\$%#

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
)>>CCI	Z07PD	Z//1/D	20(K&0#W/	B
)>*, =>	Q&09	K%WO#\$0#	: &/T07%&	>
=), B><	?0#\$/1	KOD	K/7(H&03S\$#_(L G)
=I ><BC	L0&S	5/' '90##	]&#%\1D)
<)) * <<	OD0#	L 3]#7%' P	: &/T07%&)
)IC<I >	!03%;	8''#W	H/1%(: 03\$\\$3)
=) ==	Z/#	Q. 3P/#	20(K&0#W/)

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
=I =>N* !03S	2\$#Ta''\$'7	0\$77/(003\$#W		B
=I <CBC Y%; ; D	b#. /&FOW7	K/7(H&03S\$#_+(L G		>
<===*, 8\$9%7PD	L 3K//	: &/T07%&		,
<=N><= G09''/1	J /\$#; /&W/&	: &/T07%&		<
<<>BN= L 077P/V	X''S	: &/T07%&		=
N* <=B Q#7P%#D	K\$0#070' \$%	20(K&0#W/)
)>*, => Q&09	K%W0#\$0#	: &/T07%&)

2\$34(5%4	6\$&'7	20'7	8/09	: '\$70(2\$; &/
=I <CBC Y%; ; D	b#. /&FOW7	K/7(H&03S\$#_+(L G	B	
=I =>N* !03S	2\$#Ta''\$'7	0\$77/(003\$#W	>	
<===*, 8\$9%7PD	L 3K//	: &/T07%&	,	
<=N><= G09"/1	J /\$#; /&W/&	: &/T07%&	<	
)>*, => Q&09	K%W0#\$0#	: &/T07%&	=	
<<>BN= L 077P/V	X''S	: &/T07%&)	
N* <=B Q#7P%#D	K\$0#070'\$%	20(K&0#W/)	

2\$34(5%4	6\$&'7	20'7	8/09	: '\$70(2\$; &/	
=I =>N* !03S		2\$#Ta''\$'7	0\$77/(003\$#W		B
<===*, 8\$9%7PD		L3K//	: &/T07%&		>
<=N><= G09''/1		J /\$#; /&W/&	: &/T07%&		,
=I <CBC Y%; ; D		b#. /&FOW7	K/7(H&03S\$#_+(LG		<
)>*, => Q&09		K%W0#\$0#	: &/T07%&		=
<<>BN= L077P/V		X''S	: &/T07%&)
N* <=B Q#7P%#D		K\$0#070'\$%	20(K&0#W/)

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
N* <=B Q#7P%#D	K\$0#070'\$%	20(K&0#W/	B	
=I =>N* !03S	2\$#Ta''\$'7	O\$77/(003\$#W)	
=I <CBC Y%; ; D	b#. /&FOW7	K/7(H&03S\$#_+(L G)	
<===*, 8\$9%7PD	L3K//	: &/T07%&)	
<=N><= G09"/1	J /\$#; /&W/&	: &/T07%&)	
<<>BN= L077P/V	X''S	: &/T07%&)	
)>*, => Q&09	K%W0#\$0#	: &/T07%&)	

2\$34(5%4	6\$&'7	20'7	8/09	: '\$'70(2\$; &/
=NI , NB ODO#	Y0&&/77	-80		B
BCCIC ODO#	J 07' %#	8/09(J 07' %#		>
<IBC, C 20#WT%#	80W''\$E/T	-&\$W\$#01(Y\$S/(H%9E0#D		,
=<>=*> !%/1	Y/&7/7	20(K&0#W/		<
<<I , *B Q1/[	G7/\$#/&	: &/T07%&		=

H07/W%&D(`Y`(@#T"&0#3/

2\$34(5%4 6\$&'7	20'7	8/09	:\$'70(2\$;&/
=NI,NBOD0#	Y0&&/77	-80	B
BCCICOD0#	J07' %#	8/09(J07' %#	>
<IBC,C 20#WT%#	80W"\$E/T	-\$W\$#01(Y\$\$/(H%9E0#D	,
=<>=*>!%/1	Y/&7/7	20(K&0#W/	<
<<l,*B Q1/[	G7/\$#/&	:/T07%&	=

H07/W%&D(`Y` (GE&\$#7

2\$34(5%4	6\$&'7	20'7	8/09	:'70(2\$; &/	
=NI , NB ODO#		Y0&&/77	-80		B
=<>=* > !%/1		Y/&7/7	20(K&O#W/		>
<I BC, C 20#WT%#		80W"\$E/T	-&\$W\$#01(Y\$S/(H%9E0#D		,
BCCIC ODO#		J 07' %#	8/09(J 07' %#		<
<<I , *B Q1/[		G7/\$#/&	: &/T07%&)

H07/W%&D(`Y` (QWW&/' '\$%#

2\$34(5%4	6\$&'7	20'7	8/09	:'\$'70(2\$; &/
<<I , *B Q1/[	G7/\$#/&	: &/T07%&	B	
=NI , NB ODO#	Y0&&/77	-80	>	
BCC1 C ODO#	J 07' % #	8/09(J 07' % #)	
<I BC, C 20#WT%#	80W''\$E/T	- &\$W\$#01(Y\$S/(H%9E0#D)	
=<>=*> !%/1	Y/&7/7	20(K&0#W/)	

G"990&D

!"#\$%&'()*+),	2\$34(5%4	6\$&'7	20'7	8/09
Y/'7(-./&011(003/&	<*)=> 2"3		?/2/%#	@#3\$#%(A/1%
Y/'7(@#T"&0#3/(003/&	=C=C)* !/&/9D		2%E/F	GH(A/1%
Y/'7(GE&\$#7/&	<<I*), J /'7%#		K\$/9	L 0M%&(L %7\$%#
L%'7(QWW&/'\$. /	<)BC** 5\$3S		00S0"SO'	@#3\$#%(A/1%

!"#\$%&'()*I+)B	2\$34(5%4	6\$&'7	20'7	8/09
Y/'7(-./&011(003/&	=N), B< !%&T0#		XPT0#%.	@#3\$#%(A/1%
Y/'7(@#T"&0#3/(003/&	<I* <<> Y&\$0#		Z&0S%.	@#3\$#%(A/1%
Y/'7(GE&\$#7/&	=N*)B) @TVO&T		U%&. /7	@#3\$#%(A/1%
L%'7(QWW&/'\$. /	=N), B< !%&T0#		XPT0#%.	@#3\$#%(A/1%

L/#_'(H07(, RI	2\$34(5%4	6\$&'7	20'7	8/09
Y/'7(-./&011(003/&	<)>NC= @&\$3S		G%; /D	A/1%(H1"; (20(K&0#W/
Y/'7(@#T"&0#3/(003/&	=NN<)* !"'7\$#		?\$11%#	GP\$90#%
Y/'7(GE&\$#7/&	=B*>N< Q#7P%#D		5%. %0	L 0M%&(L %7\$%#
L%'7(QWW&/'\$. /	=NI, NB ODO#		YO&&/77	- 80

J%9/#_'(H07(<R,	2\$34(5%4	6\$&'7	20'7	8/09
Y/'7(-./&011(003/&	=C<=CN 003P/1		H&%''	GP%+Q\$&(R(O%3S(#(O%OT
Y/'7(@#T"&0#3/(003/&	<*I=<C O/; /330		] '&0/1	L 0M%&(L %7\$%#
Y/'7(GE&\$#7/&	<>B*>= G0' P0		: /&&D	GV0&9^
L%'7(QWW&/'\$. /	==>I*) 5\$3%1/		2/&%'' [L /701(L %'' #70\$#

L/#_'(H07(<	2\$34(5%4	6\$&'7	20'7	8/09
Y/'7(-./&011(003/&	=), B>< ?0#\$/1		KOD	K/7(H&03S\$#_(L G
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