

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

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&+ 2# 7, +""# %S MKO V G O E M G M

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' ≥ ? , -230, -1+3 -) \*+,.-.8\*3 <\*;, -+\*+, \*3 ) \* 20 3453,0+/\* 14 ) 4 7 820+9\* \*, 4, -230, -1+3 ) 8 /1+3\*-228\*3

5'##&'#%' #2+% #6#+" 7+, '# 8/9##&#+" 7(/, -&' +): %# / + 2+% &#+ %t%+"

' @A\*+3\*-9+\*7 \*+, 3 /1+/\*; +0+, 2\* .14; +33\*4; ) \* 20 .-/B\* ) \* ) 1++8\*3 ) \* 38/4;- ,8

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R! -! 7: ( %t +%) &' 2≠, \$+%+ >+/, + " 2≠ /4+, '/, + SI HJ EEKL KF LL LL MHH >+/, + " 2≠ /4+, '/, + S T/ % U/ 2+ MFSKMV LESKM3 4+%2, +2#2+ MFSKMV LVBVMD

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X Y AZ[ \ L GEG3GMMF	. Q#% <, #OK
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	. R` R . A KJ] > >KKW
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>=> D287 \*+, 3 ) :8, -E4\*, 09\*

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@' &%( %t)!': ^_* !': ^-	[(OY8. SEF J K K [(OYASGML LD] M [(O-2+9 S WWW MNG MM K	0-&* OT# OG] >GGD A^+ <, #OG] >KLJ .R`R .A K] >KKW	+%4ODMOM EDOM72" p
Y/ #, +	[(OY8. SEHHM DM F [(OYASGKL LD] W		+%4OLMOM GDOM72" p
8-/ * #/## * X) (* 7("!"	[(OY8. SEHGJ J M D [(OYASGKL MEG K [(O-2+9 S MLK MNG MM L	?^,O. (-OL] >GDMq &'+, ,+&)'OG] >GWL	+%4OLMOM GDOM72" p
7(/2, +2+ g#0) 7(/"	[(OY8. SEHHM WW W [(OYASGKL LED K [(O-2+9 S MKM MML ML J	8;/ &# 8) /'+ L] >HMM8; / &# Y: ,( %# L] >HLM	+%4OLOM LOM72" p
'(-/ b%t	[(OY8. SLMF FF K [(OYASGML WGD J [(O-2+9 S WML MGL MM K	0-&* OT# OG] >GGD _+7, OG] >KWL2 8"7OR( 9OL] >KMH .R`R _A G] >KEK .Q#<, #OG] >KLD .R`R .A K] >KKW	+%4OLOM72" p

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% &-&# %&#&+"# %ST+" 4&7+/, " ( / -+ @ ( / #&, 2 2+ " ( -4&% 7+ / 4+% )&"+, 2+ " \* &/ 9 2+ 'k'+c2+ " %&/"!+"c2+ " ! ( / , 2#"+\* +%"c -#% ) ( ( , 2#&# %c -&"/ 7+/, c -# , #&# %2/ %tgc2+ -&\$ ( , \$+ ' 2+ " 7 ( / \* ( %' O<, #&# %2/ ' / @+ 2#+"#&OR, ( / @+" 2/ " ^" b\* + %t, 4+ / 9 X& ' #+ / +c" ( \* %(-+%)+c! ' ( / , 2#"+\* +%"Z ?+&/ 3^+ / 9 Sh, s- / , + "c-&\* ( #\* +%"c, ( / \$+ / , " + '\$ ( %6+\* +%" 2+ ^+ / 9c-! "# %' ) ( , %d +%&# ' , &%'# ( #+"c2+""b): +\* +%" + '\$, t / , + " 2+ -& 7+&/ O A[ Y8. AY ` [ R8YR 8aAY TA. I A5m&?+ / ' )&"+, 2+ " -&\* ( #\* +%"c 2+ " 7# ( ' +\* +%"c2+ " , ( / \$+ / , "c2+ " #, #&# %' + ' 2+ " @s- / , + " O A[ Y8. &# > 8T8R< [ S<, #&% 7 ( / , -+ " 4( # " , + " 7#&( #+"OT&, + " 7# , &# %7, ( - %&! + ( / , ! 7! ' ! + 2+ ) ( %)+%, &# %' 2+ 4&7+ / , " ' , b" ! -+ 4! + " 7, ( 4( ; / + 2+ -& / 7: ( , #c2+ -& 9) #&# %' + ' 2+ " ! ( / , 2#"+\* +%"c 2+ " \* &/ 9 2+ 'k'+c2+ " %&/"!+" + ' 2+ " 4( \* #"+\* +%"c2+ " 2( / -+ / , " &@ ( \* #&-+"c2+ -& 6&# / + + ' / %t 6&#&+" + \* / " ) / -&#+OT-& 7#&# % 2&%' -+ " 7 ( / \* ( %' 7+ / ' ) &"+, -+ . [ Y X'^" b\* + %t, 4+ / 9 ) +%, &-Z+ ' -& 7#&# %' / @! ; / +%+ 2&%' -+ " 7 ( / \* ( %' 7+ / ' ) &"+, / %u2b\* + 7/ - \* ( %&# + ' / %t 2! 7, + " # %2+ 7%+ / \* ( %&# ): # # / +O5%+ " / , +97( "# # %): , ( %&# / + V 2+ ) ( %)+%, &# %' ! -+4! + " 7+ / ' +%, &@t, / %t 2! 7, + " # %2/ . [ YO T+ ) ( %&)' 7, ( - %&! ( / , ! 7! ' ! &4+ ) -& 7+&/ 7+ / ' ) &"+, / %t #, #&# % \* ( 2! , ! + V \$, &4+c^ ) ( \* 7, # 2+ " 2! \* &@&# ( %' + ' 2+ " , ( / \$+ / , " 2+ -& 7+&/ c / %2! \$, &# " &\$+ + ' 3( / / %t 2+ , \* &# +OY + 7, ( 2/ # 7+ / ' ! \$& -+\* +% k', + &@ ( , @ 7& -& 7+&/ + ' 7, ( 2/ # + 2+ " ^\* 7'r\* + " 2/ . [ YO 5%+ "+ / -+ +97( "# # %7, ( - %&! + %t , #; / + 7&" 2=&%, &@t, -&@ ( , 7' # % 2/ 7, ( 2/ # 7& -& 7+&/ +%; / &%'#! " %(-) #+" O

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T+ " , #; / + " 7!) #&# / + " 2# %t > ^2, ( \$b%t \$&g+ / 9cY / ` cW% +97( "# # %c7, ( 4( ; / ! " 7& -& a ( %> #g+c: +#&+% ` @t, 6i ): +%c O / %Q+%c ( 66+%+% O -&\* \* +%" ( B# &%' / @' &@) + ( / -& 7, ! 7& &# % 2+, +%wf %2; / +--+%&' +%6+, %&' +%O[ #: ' , & ): +%O +--+ \* k\* +c7& -+ / , " 7, ( 2/ # " R+%# &/ 6&# O 2+ ) ( \* @' " # % ( / 7& -+ " \$&g e # + V -&' + , +3-#&# ( %! ; / # ( ' +% # --+ 2/ , ! ) # # % + ' 2/ \* &' , # - 2+ 2! \$& , ! ) + 7' # %O

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&+ 2+ ,! 4## %SGKQMF O EMLJ  
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T+ " 4&7+ / , " , #; / + % 2+ 7& ) ( / , # 2+ " 2# ' &0) + " ) ( %' #! , &@+ " &4&% 2-&' + #2, + / % + " ( / , ) + 2-&- / \* &\$+ c 2+ " -&- / \* +, c 2+ 7, ( 4( ; / +, -+ , + ' ( / , 2+ " 6&\* \* + " ( / / % + 97- ( "# % O T ( , " 2+ -&' ## &# % c ( , \* &# % 7( " " # @+ 2+ \* ! -&0\$ + 4&7+ / , &# #6&\* \* &@+3+97- ( "# 6 O [ + 7& ' / ' ## +, 2=&& O? ( / , ! ' + #2, + -#0) +%2# c / ' ## +, 2/ " &@+ " + ) O [ + 7& ' / ' ## +, 2=&\$+% " +9' #0) ' + / , " V @&' + 2= ^2, ( ) & , @ , + " : &- \$! % " O

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? ( / , -+ " 2! ): + " \* # & / , + @ ' c # " " ( % ) - & " " ! " ) ( \* \* + 2+ " 2! ): + " "  
2&0\$ +, + / 9 7, ! " + % &0' -+ " ) & , & ) ! , # ' # / + " 2 - # 6 - &\* \* &@##! + ' 2+ ' ( 9# ) #! O  
? ( / , 2+ 7+ ' # + " ; / &0' #! " 2! 4+, " ! + " c - # +, ! 4&7 ( , +, -+ " ( - 4&0' 2&0' 2/ 7&7# , + " " / # ' ( / ' 2&0' 2+ " + % 2, ( # " @ # % & , ! " ( / V -&9' ! , # / , X 2+ 7, ! ( d , + % ) + Z O

] \*4-22\* ) 1/47 \*+, ) \* 38/4; -, 8 3\*21+ ' c j I 6>J J R6" !  
!"#%&#%)(\*\*+),#&+S./,+0#1(-23.#4+,



&+ 2+ ,! 4# # % SGKQMF O E M L J  
a+, "# % S L Q 3 6

\_ +\* 7-&)+ -&4+,"# % 2/ S G G O M F O E M L J  
&+ 2# 7, +""# % S M K O M G O E M G M

!"#%& I ( F 0+ -<4 2 0, -1+ \*, 3, 1/U09\*

I = L; 8/04, -1+3 S <; \*+); \* <14; 4+\* 7 0+ -<4 2 0, -1+ 30+3 ) 0+9\*;

Y( %'+# 7( /, / % + \* & % # / - & # % e +', + '( / " -", ! ) # # % " V - & '+, , + 7 + % 2 & % - & 2! ) & % & # % O [ + '( ^ +, , ! \$ / - #, + \* + % - + \$ ( / - ( ' 2 + - & @ / ' + # + 7 ( /, + % + 4 +, - + " 2! 7 r " " 2 + , ! " # / + % + ' ( ^ +, - # / ! , # / , 2 / @ / ) : ( % 2 7 ( /, & " " / , +, / % + @ % / + ! & % ) : ! # ! O [ + 7 & ' 6 ' \* +, 7 + % 2 & % - 7 ' # # & # % O. # % d ) + "" & # + c & d / ' +, 2 / 2 # / & % 7 ( /, ( @ + % # - & @ % / + ! 7 & # " + / , 2 + \* & ! , # & / O

I > " 1+ ) -, -1+3 ) :4+ 3, 1/U09\* 3V; PN / 17 <; -3 ) :8T\*+, 4\*22\*3 - + / 17 <0, -5-2, 83

A9# + % ) + " 7( " ! + " & / 9 + % , + 7 r " e & % # / - +, - + ) ( % + % & % " & 4+ ) " ( # 7 ( / , ! 4 # +, - + " 2 ( \* \* & \$ + " + ' - + " + ' ) ( % + % / , " 2! 4+, " + \* + % " O

< 2 # & # % ' ) ( % ) +, % & % - + " " ( j 4 # +, 2 + S A & / c & ) # 2 + " c & - & # c " ( - 4 & % " ) : - ( , ! " ) Q & \$ + " + % ) ( \* \* / %

Y( %' # % + " 2 = % , + 7( " & \$ + T # # +, - = % , + 7( " & \$ + 2 + " \* & # , + " # 6 - & \* \* & @ + " & / 9 + % 2, ( # " & 7 7, ( / 4! " O A % , + 7( " +, - + " @ / ' + # + " V - & @ # 2 + - & ) : & - / , O R + % # V - & ) & ' 2 + " 6 & \* \* + " % / + " 2 / @ s - + / , @ % ' + % ( / 2 + - & @ / , % & # + O 1 & 2 +, - + " ) ( % + % & % " : +, \* ! ' # / + \* + % 6 +, \* ! " O j 4 # +, 2 = % , + 7( " +, 7, b " 2 + " & ) # 2 + " + ' 2 + " " ( - 4 & % " ) : - ( , ! " O R + \* 7 ! , & / , + 2 + " " ( ) Q & \$ + S W M Y 3 L H M 0 \* # O T + " ) ( % + % & % " 7 + / 4 + % k', + 2 & % \$ +, + / 9 - ( , ; / # " " ( % 4 # 2 + " O T + " ) ( % + % & % " 4 # 2 + " ) ( % # % / + % 2 + " , ! " # / " O

I @ ? , -230, -1+ V X . - + 0 2 \* V X < 0 ; , - / 4 2 Y ; \* V X

5' # # & # % ' Z " 7 ! ) # # / + X Z 8 / ) / % + # & , \* & # % 2 # 7 ( % @ + 0

!"#%& K ( " 1+ , ; O 2 \* 3 ) \* 2 \* G < 13 - , -1+ 6 < ; 1, \* / , -1+ - + ) - T - ) 4 \* 2 2 \*

K = L 0 ; 0 7 Y , ; \* 3 ) \* / 1 + , ; O 2 \*

54, 0+1+\*Z8, BNZ 8, BNZ 8, 1+\*

H2*7 09+*					
[ 02*4; 6 <<<7	[ 02*4; 6 7 9 = 67 @	[ 02*4; \ - 7 -, * L 2 0. 1 + )	A*7 0; E4*	M0, * ) : 87 -33-1+	14; / *
GMM	WMM	LXZ	xLZ xGZ	ML3MW	R_1. J MM

xLZY( \* \* # " # % 2 = % / k' + " / , - + " 2 & % \$ + , " 7 ( / , - & " & % ! 2 + " ) ( \* 7 ( " ! " ) : # # / + " 2 & % - + \* # # / 2 + - & , + ) : + , : + O 5 % # % + / , ( 7 ! + % @ + O y ? > \_ S ( ) & - ] xGZ81qz Az > \_ > ? y 5 % , # ; / + 2 = 6 6 " ' ! , & ( \$ b % + " % + 2 ( # 7 & ' ) , & # 2 , + - ( , ; / + - & - # # + 2 = 9 7 ( " # # % 7 , ( 6 " " # % / + - + + ' - & 4 & + / , - # # + @ # - ( \$ # / + Xh1qzD

H2*7 09+*					
H2*7 09+*	L0; 07 Y, ; *	F 0, 8; -04 ) : 0+0 2N3*	M0, * ) * <; 82Y T*7 *+, ) : 8/B0+ , -221+3	M0, * ) : 87 -33-1+	14; / *
G * \$ 3-	G h / ' & % ( %	5	@	MD3GML D 01	R_1. J MK

! 4; 1 < *					
[ 02*4; S 21+9 , * ; 7 * 6 7 9 6 7 @	[ 02*4; S 21+9 , * ; 7 * 6 <<7	[ 02*4; S / 14 ; , * ; 7 * 6 7 9 6 7 @	[ 02*4; S / 14 ; , * ; 7 * 6 <<7	M0, * ) : 87 -33-1+	14; / *

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !  
 !"#%&#%)( \* \* +,)#&+ S ./,+0# 1(-23.#4+,



&+ 2+ ,!4## %SGKQMF GMLJ  
 a+,"# %SLQ 36

\_ +\* 7-&)+ -&4+,"# %2/ SGGQMF GMLJ  
 &+ 2# 7,+"# %SMKQMG GMLJ

WMM	GMM	J MM	KMM	GMMBKJ	< AYRQA GMMJ 3LWL 35A
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MO+*7 0;U					
[ 02*4; 6 <<7		[ 02*4; 6 7 9=67 @		&1,*+, 14;/*	
DM	LHD	A>		h+Q+%2'\$ {,+-" + ( *   % 2,#% 86@+Q+%2'\$ {,+-" + ( * \$,   %'+4   ,2#, 6, 000	

&1;TY9*					
[ 02*4; 6 <<7		[ 02*4; 6 7 9=67 @		14;/*	
ED	GGM	a+#+2%#% ( * 82* #/#',&#%+ % ( , * +, 6, 6, / ,+% '%#% #&,@+2" &' * ( "6  000			

4Y) *					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	MO,* ) :87 -33-1+	14;/*
DM	LDM	KMM	J MM	GMLD	>   1 <A[ < } 8 1_~[ . a~_ A[ ' Y> R1~_ A_ e ` R T5OR0; _ ` _A[ 1 18_ GMLL L F

]-+20+) *					
[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*		MO,* ) :87 -33-1+	14;/*
LMM	KMM	?+&/		GMD	> RR? & ,4( ' GMLGSD > 8 <R8TT< 3 . <R5 [ [ A R5 R ? <R ` < 55 AR

L1219+*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @		[ 02*4; S /14; , ,*,7 * 6 7 967 @		14;/*	
HDM	J MM	_ ` w? ` _ w8 wA[ <A e { < R_ ? _ 8YI <? ` T <R } < . ? ` TAY w[ AvL Zg 2%#& LW ) g+, B 000			

H4,;-/B*								
M17 0-+* ) * T02) -,8	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	M4;8*	];8E4*+/* <0; 8E4-<* ) * 2^8<- ) *,7 * 6 3*+3-25- 30,*4;	A831;5,-1+ ) * 2^8<- ) *,7 * 6 3*+3-25- 30,*4;	14;/*
e 8}	LMM	GJ D	GMM	DJ M	KM#e #BZ	H9	>	.' ( 66#'+ Xe 8} q +, '+ / %2 R_ } q +, '+ GMLGZ

4-33\*



] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +, )#&+ S ./ ,+0# 1 (-23. #4+,



&+ 2+ ,! 4## %SGKQMF GMLJ

\_ +\* 7-&) + -&4+, "# %2/ SGGQMF GMLJ

a+, "# %SLQ 36

&+ 2# 7, +""# %S MKQMG GGMGM

[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 96 7 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 96 7 @	&1,0,-1+3	#1G-/ ,8 /;- , -E4*	14;/*
GMM	DJ M	GMM	DJ M	> h..Y	. [ a_.	.5a8 ./ #"+ GME

!,0,3 ?+-3 VM" _ \$` X						
[ 02*4; 27 -, * S /14; , * ,*,7 *	[ 02*4; ) * 21+94* ) 4;8*	a03*			14;/*	
KMM77*	GMM77*	<, #&# %cY[ .			8Y1 < R: ,+": (-2 T# # a& -/+" Q, Y: +* #&- ./ @' '&Q) +" GMMF	

! 3<09+*						
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	&1,*,+	14;/*	
GMM	WMM	KMM	J MM	aThcaT<	T# #+" 2+ +97( "# # %7, ( Gt" # %&- 7& & 8 \$+%+" " / □ * # (" GMLH	

];0+/*								
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	#F L +b	] # +b	M0,* ) :87 -33-1+	14;/*
GMM	WMM	KMM	J MM	_ #; / + 2+ 7! %d ', & # % 7+,) / ' & %d +0	FH	LH	GMME	a&+/, " -# * #+" 2=9 7 (" # # % 7, ( Gt" # %t--+ & / 9 & \$+% " ) : # * # / +" +% Q

a*29-E4*					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	14;/*	
GMM	WMM	KMM	J MM	T# ' + 2+ 4&+/, " -# * #+" 2=97 (" # # %' 7, ( Gt" # % %t--+ & / 9 & \$+% " Q	

LONB a03					
[ 02*4; S 21+9 ,*,7 * 6 7 96 7 @	[ 02*4; S /14; , ,*,7 * 6 7 967 @	A831;5,-1+ ) * 2^8<- ) *,7 * 6 3*+3-25-30,*4;			14;/*
DJ M	J MM	>			T# J' * + ' B + ' + - # Q + \$, +%' B & &, 2+% GML L

_ ;0+) * a;*,09+*					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*



] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +,)#&-+ S ./ ,+0# 1(-23. #4+,



&+ 2+ ,!4## %SGKQVFQMLJ

\_ +\* 7-&)+ -&4+, "# %2/ SGGQVFQMLJ

a+, "# %SLQ 36

&+ 2# 7, +""# %SMKQVGMGM

GMM	WMM	KMM	FJJ	?+/' k', + &@' (, @ 7& -&7+&/ O	A> HMBGMMD q (, Q 7-&)+ +97( "/, + -# * #" XGML LZ
-----	-----	-----	-----	------------------------------------	--

A8<452E4* ,/BYE4*					
[ 02*4; S 21+9 ,*,7 * 6 7 96 7 @	[ 02*4; S /14;, ,*,7 * 6 7 967 @	&1, *+,		14;/*	
WMM	J MM	<		[ 8_ ^wA[ ^ aT- l g+ 2%+ L GQ, ( "#0)+ GMVE Q'+, ^* "+ "" &0( 4#7( 2* @%Q' ( ) @	

\ :\$ 20+)*					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, , ,*,7 * 6 <<7	[ 02*4; S /14;, , ,*,7 * 6 7 967 @	A*7 0; E4*	14;/*
GMM	WMM	KMM	J MM	. Qc < ATa	Y( 2+ ( 6?, &) '# + Q, ': + . & 6+' ^ > +&': 80/2 q +6&, + & q (, Q XGML LZ

\ 1+9;-*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, , ,*,7 * 6 7 967 @	&1, *+,		A*7 0; E4*	14;/*
WMM	J MM	@#		<Q OA5 L	GD3GMMOXmDKMQZ Afe .gY"e +\$^f''+" , +%2+-+' &* / %Q&: + -^+Q Q! * #&#@

! 3, 1+ -*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, , ,*,7 * 6 7 967 @	[ 02*4; S /14;, , ,*,7 * 6 <<7	14;/*	
WMM	GMM	J MM	KMM	RooQ+" QQ %0& Q++* # -#' + ( : /'+ \$/ , #+ 7# % (, * # LLQ MCGMVE % GGK X R @	

21T8+ -*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; \ -7 -, * L20 .1+)	A*7 0; E4*	14;/*	
WMM	GMM	Ld	h8RcA5	EE	

F 02*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, , ,*,7 * 6 7 967 @	[ 02*4; S /14;, , ,*,7 * 6 <<7	14;/*	
WMM	GMM	J MM	KMM	[ &' # %&- ` ) ) / 7&' # %&- A97( "/, + T# # " e &' & GMMK	

\ 4G*7 514; 9					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, , ,*,7 * 6 7 967 @	[ 02*4; S /14;, , ,*,7 * 6 <<7	14;/*	

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !  
 !"#%&#%)( \* \* +,)#&- S ./ ,+0# 1(-23. #4+,



&+ 2+ ,! 4# # %SGKQVF GMLJ  
 a+,"# %SLQ 36

\_ +\* 7-&)+ -&4+,"# %2/ SGGQVF GMLJ  
 &+ 2# 7,+"# %SMKQVGGMGM

WMM	GMM	J MM	KMM	_ b\$-+* +% \$, &2 2/) &- 2/ KL ( )' ( @+ GMMF * ( 2#&2% -+, b \$-+* +% \$, &2
-----	-----	------	-----	---

\-,40+ -*				
[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	14; /*
WMM	GMM	J MM	KMM	KW

a4290; -*				
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 7 967 @			14; /*
DJ M	FFD			FL

\0 \*, ,1+ -*				
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	14; /*
WMM	GMM	J MM	KMM	EF

\0 A147 0+ -*				
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	14; /*
WMM	GMM	J MM	KMM	EJ

	L0;07 Y,;*	M0,* ) * <;82YT*7 *+, ) :8/B0+,-221+3		14; /*
G * \$3-	-&* !': ^-!': ^-)!' ( %t 2+ * !': ^-+ 2&2%' -&, #6t	A%2 ( 6": #6		EJ

_ ;Y/*				
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	14; /*
WMM	GMM	J MM	KMM	FM

" 4-T; *				
M0+*7 0; U				
[ 02*4; 6 7 9=67 @	A*7 0; E4*			14; /*
L	?( / 2, + + ' 7( / " " #, +		h+Q+%2' \$ { , + - " + ( *   %2, #6 \$ &6 @+ Q+%2' \$ { , + - " + ( * \$,   %' +4   , 2 #, 6, 00	
Ml	6' * ! + " ) & ) / - ! ) ( * * + Y /		h+Q+%2' \$ { , + - " + ( *   %2, #6 \$ &6 @+ Q+%2' \$ { , + - " + ( * \$,   %' +4   , 2 #, 6, 00	

&1;TY9*				
[ 02*4; 6 7 9=67 @	&1, *+,			14; /*
L	7( / " " #, + "		a+#+2%#6\$ ( * &2* #6# ' , & # + % ( , * +, 6, 6, / , + %' %66\$ #6, @ + # 2 " & ' * ( " 6   00	

4Y) \*

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !  
 !"#%&#%)( \* \* +,)#&-+ S ./,+0# 1(-23.#4+,



&+ 2+ ,! 4# # % S G K O M F G M L J  
 a+, "# % S L Q 36

\_ +\* 7-&)+ -&4+, "# % 2/ S G G O M F G M L J  
 &+ 2# 7, +""# % S M K O M G G M G M

[ 02*4; S 21+9 ,*;7 * 6 7 967 @	M0,* ) :87 -33-1+	&1, *+,	A*7 0;E4*	14;/*
MtM	GMLF	0,&)'#%,+"7#&@+O	xLZ	> 1A[ <} 8 1_~[ .a~_ A[ `Y> R1~_ A_e`R T5OR0j _`_A[ { 18_ GMLSLF

xLZ84+) -" 7(/""#,+" 2+ -&'+'%+/, +%7(/""#,+"#%#; /+2&0' -&%( , \* + "/!2 (#+A[ HFLc&\* ("7: b,+ " +%\* ##/ 2+ ',&4&# 2! 6#/# - R&#+ 2! 6#/#  
 '#%2+ 6&)'#%7(/, -&\* +"/,+ 2+" 7&,#/ -+ " % / " 7+%# %c%#\* !,( LcLJ J Kc7&,&\$,&7: + G0c+ ' &2+" ) &,&)'! ,# # / + " 2±): &#%-( %&\$+ 4#! + " &  
 7&,&\$,&7: + DOL

]-+20+) *				
[ 02*4; S 21+9 ,*;7 * 6 7 96 7 @	A*7 0;E4*	M0,* ) :87 -33-1+	14;/*	
MtVG	Y/c G &)'#%&4!(-&#+	GMLD	>RR? &4(' GMLGSD >8< R8TT< } .<R5[ [ AR5R ?< R` < 55 AR	

H4,;-/B*						
M17 0-+* ) * T02) -,8	[ 02*4; S 21+9 ,*;7 * 6 7 96 7 @	[ 02*4; S /14;, , ,*;7 * 6 7 96 7 @	M4;8*	];8E4*+/* <0; 8E4-<*	A*7 0;E4*	14;/*
e 8}	MtL 8	MtH 8	LDXe #BZ	H9	&" Y/ @+,+): %t' X&-" _&/): Z	.'(66#'+ Xe 8} q+, '+ / %2 R_} q+, '+ GMLGZ
e 8}	L A	H A	LDXe #BZ	H9	&" Y/ @+,+): %t'	.'(66#'+ Xe 8} q+, '+ / %2 R_} q+, '+ GMLGZ

4-33*			
[ 02*4; S 21+9 ,*;7 * 6 7 96 7 @	[ 02*4; S /14;, , ,*;7 * 6 7 967 @	A*7 0;E4*	14;/*
MtL +	MtG+	[ < .>	.5a8 ./ #"+ GML E

!,0,3 ?+-3 VM" _ \$` X			
[ 02*4; ) * 21+94* ) 4;8*	a03*	A*7 0;E4*	14;/*
MtG * \$3* °	ς, #&# %c \$&'', ( #/+" #/&-c * +'&- 6/ * + 6+4+,	6/ * +	8Y1 < R: ,+": (-2 T# # a& - / + " Q, Y: +* #&- ./ @' '&0) + " G M V F

!3<09+*			
[ 02*4; S 21+9 ,*;7 * 6 7 96 7 @	A*7 0;E4*	&1, *+,	14;/*
MtL	0,&)'#%,+"7#&@+O	2 4( # Y&7d/-( J	T* #+" 2+ +97( "##%7,( 6+"#%&- 7&,&8\$+%+" ` / □ * #(" GMLH

];0+/*						
[ 02*4; S 21+9 ,*;7 * 6 7 96 7 @	[ 02*4; S /14;, , ,*;7 * 6 7 96 7 @	A*7 0;E4*	&1, *+,	]# +b	M0,* ) :87 -3 3-1+	14;/*

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !  
 !"#%&#%)( \* \* +,)#&+ S ./ ,+0# 1(-23. #4+,



&+ 2+ ,!4# # %SGKQMF GMLJ  
 a+,"# %SL Q 36

\_ +\* 7-&)+ -&4+,"# %2/ SGGQMF GMLJ  
 &+ 2# 7,+"# %S MKQMG GGMGM

MtG		6' * !+"			LJ FE	a&+/, " -# #+" 2=97( "## % 7, ( 6+"# %t--+ &/ 9 &\$+% " ): # * # / + " +% Q
L	G		7( / ""# , + " + % Y /	GJ H	LJ FH	a&+/, " -# #+" 2=97( "## % 7, ( 6+"# %t--+ &/ 9 &\$+% " ): # * # / + " +% Q

a*29-E4*			
[ 02*4; S 21+9 , *; 7 * 6 7 967 @	A*7 0; E4*		14; / *
MtG	6' * !+" + % Y /		T#'+ 2+ 4&+/, " -# #+" 2=97( "## % 7, ( 6+"# %t--+ &/ 9 &\$+% " Q
L	7( / ""# , + " + ' @ ( / # & , 2 " + % Y /		T#'+ 2+ 4&+/, " -# #+" 2=97( "## % 7, ( 6+"# %t--+ &/ 9 &\$+% " Q

LONB a03			
[ 02*4; S 21+9 , *; 7 * 6 7 967 @	A*7 0; E4*		14; / *
MtL	X#% &+ , @ & , Z		T#J' * + ' B + ' + # Q + \$ , + % ' B & , 2 + % GMLL

_ ; 0+) * a ; * , 09 + *			
[ 02*4; S 21+9 , *; 7 * 6 7 967 @	A*7 0; E4*		14; / *
MtG	6' * !+" + % Y /		A> HMBGMMD q ( , Q7-& ) + +97( " / , + -# * # " XGMLLZ

A8<452E4* , /BYE4*			
[ 02*4; S 21+9 , *; 7 * 6 7 967 @	[ 02*4; S / 14; , , *; 7 * 6 7 967 @	&1, *+,	14; / *
L	G	y?>_ .8. AS* Q* EMMR. 5z) "zKMS^AB^ AT-   g+ 2% y LGQ, ( " # ) + GMVE Q+ , ^* " + " " & / ( 4#7 ( 2* @%Q^ ( ) Q	
MtL	MtG	y?>_ .8. AS* Q* EMMR. 5z) "zKMS^AB^ AT-   g+ 2% y LGQ, ( " # ) + GMVE Q+ , ^* " + " " & / ( 4#7 ( 2* @%Q^ ( ) Q	

\ : \$ 20+) *			
[ 02*4; S 21+9 , *; 7 * 6 7 967 @	[ 02*4; S / 14; , , *; 7 * 6 7 967 @	&1, *+,	14; / *
MtG		0/ * + &' Y /	Y ( 2+ ( 6? , & ) ' # + Q , ' : + . & 6+ ' ^ > + &' : & / 2 q + - 6& , + & q ( , Q XGMLLZ
L	G	/ "" " & / 2 * # "" &' Y /	Y ( 2+ ( 6? , & ) ' # + Q , ' : + . & 6+ ' ^ > + &' : & / 2 q + - 6& , + & q ( , Q XGMLLZ

` 1+9; -*			
[ 02*4; S 21+9 , *; 7 * 6 7 967 @	[ 02*4; S / 14; , , *; 7 * 6 7 967 @	A*7 0; E4*	14; / *

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !  
 !"#%&#%)( \*\* +,)#&-+ S ./,+0# 1(-23.#4+,



&+ 2+ ,!4# # %SGKQVF GMLJ  
 a+,"# %SL Q 36

\_ +\* 7-&)+ -&4+,"# %2/ SGGQVF GMLJ  
 &+ 2# 7,+"# %SMKQVGGMG

MtL	MtH	≤Q O	GD3GMMMXmDKMZ Af e .gY"e +\$^f''+',+%2+-' & * /%Q&: +^-+Q Q * #&#@
-----	-----	------	--

! 3,1+ -*			
[ 02*4; S 21+9 ,*;7 * 6 7 967 @	A*7 0;E4*	14;/ *	
L	7(/ ""#b,+" ('&-+"]) +97,# ! +%Y/	RooQ+"QQ %0& Q++* ##'+ (: /'+\$/ ,##+ 7##%( ,* # LL Q M G M V E % G G K X R	
MtG	7(/ ""#b, + G##+]) +97,# ! +%Y/	RooQ+"QQ %0& Q++* ##'+ (: /'+\$/ ,##+ 7##%( ,* # LL Q M G M V E % G G K X R	

21 T8+ -*			
[ 02*4; S 21+9 ,*;7 * 6 7 967 @	[ 02*4; \-7 -, * L20.1+)	14;/ *	
MtL X8Z	H	EE	

\-,40+ -*			
[ 02*4; S /14; , ,*;7 * 6 7 967 @	A*7 0;E4*	14;/ *	
L	Q&## Y/ S±Q4+7#&* ( L#6 &Q) #&	KW	
MtG	Q&## Y/ S&-4+( -#0t 6 &Q) #&	KW	

a4 290; -*			
[ 02*4; S 21+9 ,*;7 * 6 7 967 @	&1, *+,	14;/ *	
MtL	2 3 ' ¶. , 1 ° ¶¶4/ +%Y/	FL	

\0 \*, ,1+ -*			
[ 02*4; S 21+9 ,*;7 * 6 7 967 @	[ 02*4; S /14; , ,*;7 * 6 7 967 @	14;/ *	
MtD	L	EF	

\0 A147 0+ -*			
[ 02*4; S 21+9 ,*;7 * 6 7 967 @	[ 02*4; S /14; , ,*;7 * 6 7 967 @	A*7 0;E4*	14;/ *
	MtG	6' * ! +"	EJ
MtD	Ld	7(/ 2, +	EJ

_ ;Y/*			
[ 02*4; S 21+9 ,*;7 * 6 7 967 @	[ 02*4; S /14; , ,*;7 * 6 7 967 @	&1, *+,	14;/ *
MtG		1/24z AEDx	FM
L	G	0'ADAP	FM

H247 -+ -47 W17 <1383 -+312452\*3X

MO+*7 0;U			
[ 02*4; 6 7 9=67 @	A*7 0;E4*	14;/ *	
L	)&)/! ) ( ** + 8-	h+Q+%2'\${ ,+-' ( *   %2, #6 &6@+ Q+%2'\${ ,+-' ( * \$,   %' +4   ,2#, 6, 00	

&1;TY9*			
[ 02*4; 6 7 9=67 @	&1, *+,	14;/ *	

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +, )#&+ S ./, +0# 1(-23. #4+,



&+ 2+ ,! 4## %SGKQVF GMLJ

\_ +\* 7-&) + -&4+, "# %2/ SGGQVF GMLJ

a+, "# %SL Q 36

&+ 2# 7, +" "# %SMKQVGGMG

G	X) &)/-! )( * * + 8-Z	a+#+2%#%# ( * &2* #/#', &# #+ % ( , * +, & , & , / , +% ' %/#%# #& @+ # " & * ( " 6   )
---	-----------------------	---

4Y) *				
[ 02*4; S 21+9 ,*; 7 * 6 7 967 @	M0, * ) :87 -33-1+	&1, *+,	A*7 0; E4*	14; / *
D	LJ J W	7( / " " #, + " ( ' &+ "	xLZ	>   1 - A [ < } 8 1 _ ~ [ . a _ _ A [ ` Y > R1 ~ _ A _ e ` R T50R0j _ ` _ A [ < 18 _ GML L S F
G	LJ J W	0, &)' # % , + " 7 # & @ + O	xLZ	>   1 - A [ < } 8 1 _ ~ [ . a _ _ A [ ` Y > R1 ~ _ A _ e ` R T50R0j _ ` _ A [ < 18 _ GML L S F

xLZ84+) -" 7( / " " #, + " 2+ -&' +%/ , +%7( / " " #, + " # %/#%# ; / + 2&#% -&%( , \* + "/ ! 2( # + A [ HFLc&\* ( " 7: b, + " +%\* ##/ 2+ , &4&# 2! G#/# R&# + 2! G#/# ' # % 2+ G &)' # % 7( / , -&\* + "/ , + 2+ " 7& ' # / - " + % " / " 7+ %' # % c % / \* ! , ( LcLj J Kc7& & \$, & 7: + G0c+ ' & 2+ " ) & &)' ! , # ' # / + " 2# ) : &# # ( % % \$ + 4# ! + " & / 7& & \$, & 7: + DOL

! , 0, 3 ? + - 3 VM " _ \$ X				
[ 02*4; ) * 21+94* ) 4; 8*	a03*	A*7 0; E4*	14; / *	
G * \$3* °	<, #&# %	X&" 8-Z	8Y1 < R: , + " : ( - 2 T# # a & - / + " & , Y: + * # & - . / @ ' &#) + " G M V F	

! 3 < 09 + *				
[ 02*4; S 21+9 ,*; 7 * 6 7 96 7 @	A*7 0; E4*	&1, *+,	14; / *	
G	+%8-	)	T* # + " 2+ +97( " # # % 7, ( 6+ " # % & - 7& & 8 \$ + % + " " / □ * # ( " G M L H	

]; 0+ / *				
[ 02*4; S 21+9 ,*; 7 * 6 7 96 7 @	] # + b	M0, * ) :87 -33-1+	14; / *	
G	KMW	LJ F D	a&+ / , " -# # + " 2=97( " # # % 7, ( 6+ " # % + -- + & / 9 & \$ + % " ) : # # / + " + % )	

a*29-E4*				
[ 02*4; S 21+9 ,*; 7 * 6 7 967 @	A*7 0; E4*	14; / *		
L	+%8- G &)' # % & - 4! ( - &# +	T# ' + 2+ 4&+ / , " -# # + " 2=97( " # # % 7, ( 6+ " # % + -- + & / 9 & \$ + % " )		

_ ; 0+ ) * a; *, 09+ *				
[ 02*4; S 21+9 ,*; 7 * 6 7 967 @	14; / *			
G	A> HMBGMMD q ( , Q7-&) + +97( " / , + -# # " XGML LZ			

\ : \$ 20+ ) *				
[ 02*4; S 21+9 ,*; 7 * 6 7 967 @	14; / *			

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +,)#&+ S ./,+0# 1(-23.#4+,



&+ 2+ ,! 4## %SGKQMF GMLJ

\_ +\* 7-&)+ -&4+,"# %2/ SGGQMF GMLJ

a+,"# %SLQ 36

&+ 2# 7,+"# %SMKQMG GGMGM

G	Y( 2+ ( 6?,&)'# + 6, ': +. &6+'^ > +&': &02 q + -6&, + &' q ( , Q XGML LZ
---	---

\-,40+ -*		
[ 02*4; S /14; , , *; 7 * 6 7 967 @	A*7 0; E4*	14; / *
D	Q&# 8-S±Q4+7#&* ( 4#G &Q) #&	KW
G	Q&# 8-S&-4+( -#± 6 &Q) #&	KW

a420;-*		
[ 02*4; S 21+9 , *; 7 * 6 7 96 7 @	A*7 0; E4*	&1, *+, 14; / *
LM	ℵ 3 ' ¶. 3, ° ¼ ¶ β 1 à á æ è 1 Z	FL
Ld	ℵ 3 ' ¶. 3, ° ¼ ¶ β 1 à á æ è 1 Z	0, &)' # %, + " 7 # & @ + O FL

\0 A147 0+ -*		
[ 02*4; S 21+9 , *; 7 * 6 7 96 7 @	[ 02*4; S /14; , , *; 7 * 6 7 967 @	A*7 0; E4* 14; / *
K	LM	7( / 2, + EJ
L	K	6' * ! + " EJ

_ ; Y / *		
[ 02*4; S 21+9 , *; 7 * 6 7 967 @	&1, *+,	14; / *
LM	éè0; AED	FM
D	¾A4; AED	FM

, 124Y+*					
H2*7 09+*					
[ 02*4; 6 <<7	[ 02*4; 6 7 9-67 @	[ 02*4; \-7 -, * LZ.1+)	A*7 0; E4*	M0, * ) :87 -33-1+	14; / *
DM	LJ M	HX<Z	xLZ xGZ	ML3MW	R_1. J MM

xLZY( \* \* # "# % 2 = % / k' + " / , - + " 2&06+, " 7( / , - & " &0! 2+ ) ( \* 7 ( " ! " ) : # # / + " 2&06' - + \* ## / 2+ - &, + ) : +, ) : +O5 % # % + / , ( 7! + % 0 + O y ? > \_ S' ( ) & - ] xGS81qz Az>S\_>y 5%, #; / + 2=66+ " ' ! , & ( \$ b % + " % + 2 ( # 7 & ) , & # 0 2 , + - ( , ) ; / + - & - # # + 2=97 ( " # # % 7 , ( 6 " " # % 0 + - + + ' - & 4 & + / , - # # + @ # - ( \$ # / + Xh1qzD

H2*7 09+*					
H2*7 09+*	L0; 07 Y, ; *	F 0, 8; -04 ) :0+0 2NB*	M0, * ) * <; 82Y T*7 *+, ) :8/B0+ , -221+3	M0, * ) :87 -33-1+	14; / *
WMMi \$3-	R( -( ( -	h	\$	LL3GME 01	R_1. J MK
EDi \$3-	R( -( ( -	5	@	LL3GML F 01	R_1. J MK
Ld * \$3-	( } , + " ( - X0&): > ^ 2, ( - ^ " + Z	5	@)	LL3GML F 01	R_1. J MK

! 4; 1 < *						
[ 02*4; S 21+9 , *; 7 * 6 7 96 7 @	[ 02*4; S 21+9 , *; 7 * 6 <<7	[ 02*4; S /14; , , *; 7 * 6 7 96 7 @	[ 02*4; S /14; , , *; 7 * 6 <<7	&1, *+,	M0, * ) :87 -3 3-1+	14; / *
LJ G	DM	KFH	LMM	?+&/	GMMBLD	≤ AYR↵A GMMJ 3LWL35A



] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +,)#&-+ S ./,+0# 1(-23.#4+,



&+ 2+ ,! 4## %SGKQVF O E M L J

\_ +\* 7-&)+ -&4+,"# %2/ SGGQVF O E M L J

a+,"# %SL Q 36

&+ 2# 7,+"# %S MK O M G O E M G M

MO+*7 0;U			
[ 02*4; 6 <<7	[ 02*4; 6 7 9=67 @	&1,*+,	14;/*
GD	J H	A>	h+Q+%2'\${,+-'+' (*   % 2,#% &6@+Q+%2'\${,+-'+' (* \$, %' +4 ,2#, &, O

&1;TY9*			
[ 02*4; 6 <<7	[ 02*4; 6 7 9=67 @	&1,*+,	14;/*
GD	J H	>	a+#+2%#%\$ ( * &2* #/#',& '#4+ %(*, * +, &, &, /,+%' %#%\$ #&,@#&'&* ("6  O

4Y) *						
[ 02*4; S 21+9 ,*;7 * 6 <<7	[ 02*4; S 21+9 ,*;7 * 6 7 96 7 @	[ 02*4; S /14;, ,*;7 * 6 <<7	[ 02*4; S /14;, ,*;7 * 6 7 96 7 @	M0,* ) :87 -3 3-1+	&1,*+,	14;/*
DM	LJ G	LMM	KFH	GMLD	hc>	>  1 A[ < } 8 1 _ [ . a ~ _ A[ ` Y > R1 ~ _ A_ e ` R T50R0; _ ` _ A[ < 18_ GML L S F

]-+20+) *						
[ 02*4; S 21+9 ,*;7 * 6 <<7	[ 02*4; S 21+9 ,*;7 * 6 7 96 7 @	[ 02*4; S /14;, ,*;7 * 6 <<7	[ 02*4; S /14;, ,*;7 * 6 7 96 7 @	A*7 0;E4*	M0,* ) :87 -3 3-1+	14;/*
GD	FL	LMM	KFM	?+&/ c Ti ,*	GMM	>RR? &,4(' GML GSD >8< R8TT< & . < R5[ [ AR5R ?< R` <55 AR

L1219+*		
[ 02*4; S 21+9 ,*;7 * 6 7 967 @	[ 02*4; S /14; , ,*;7 * 6 7 967 @	14;/*
LMM	GMM	_ ` w? ` _ w8 wA[ < A e { < R_8 ? _8YI <? ` T-R I } < . ? ` TAY w[ A L Z g 2%#& LW )g+, B O

H4,;-/B*									
M17 0-+* ) * T02) - ,8	#1G-E4* <14; 20 ;*<;1 ) 4/,-1+	[ 02*4; S 21+9 ,*;7 * 6 <<7	[ 02*4; S 21+9 ,*;7 * 6 7 967 @	[ 02*4; S /14;, ,*;7 * 6 <<7	[ 02*4; S /14;, ,*;7 * 6 7 967 @	M4;8*	];8 E4*+/* <0; 8E4-<*	A831;5 , -1+ ) * 2^8<- ) *;7 * 6 3*+3-25- 30,*4;	14;/*
e 8}	2	DM	LJ M	LMM	KFM	LDXe #BZ	H9	>	.' (66#'+ Xe 8} q+, '+ / %2 R_} q+, '+ GML GZ

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +,)#&-+ S ./,+0# 1(-23.#4+,



&+ 2+ ,!4## %SGKQVF GMLJ

\_ +\* 7-&)+ -&4+,"# %2/ SGGQVF GMLJ

a+,"# %SLQ 36

&+ 2# 7,+"# %SMKQVGMGM

4-33*						
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 96 7 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 96 7 @	&1,0,-1+3	#1G-/,-8 /;- ,-E4*	14;/*
DM	LJ M	GMM	EVM	> `T h _G0 _G ..Y	a/+ .[ Y	.5a8 ./#" + GME

!,0,3 ?+-3 VM" _ \$ X			
[ 02*4; ) * 21+94* ) 4;8*	a03*	A*7 0;E4*	14;/*
GM77*	a# / & # 7&#c6* &+ ,+7,( c 7,+ \$%&^ -( ""	[ ( ' )-&" #&@+ &" &> / * &% Y& )#( \$+%	8Y1 < R: ,+": (-2 T# # a& - / + " Q , Y: +* # & . / @' '&% + " GMMF

! 3<09+*					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	&1,*+,	14;/*
DM	LJ G	LMM	KFH	',&% ' Q ' &% aThc aT<,	T# #+" 2+ +97( "# # %7,( G+" # %& 7& & 8 \$+%+" " / # * # (" GMLH

];0+/*								
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	#F L +b	]# +b	M0,* ) :87 -33-1+	14;/*
GM	EWF	LMM	KFH	_G_#; /+ 2+ 7! % ,& # %7+, ) / ' &% +O Y+" aTA? +% ,+% +% 4# / + / , -+ L+ , U #+' GML GO	H@# cFH	EH	GMLG	a&+ / , " -# * #+" 2=9 7( "# # % 7,( G+" # %+-+ & / 9 &\$+% " ): # * # / +" +% @

a*29-E4*					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	&1,*+,	14;/*
GM	EE	LMM	KFH		T# ' + 2+ 4&+ / , " -# #+" 2=97( "# # %' 7,( G+" "# %+-+ & / 9 &\$+% " @

LONB a03		
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14; , ,*,7 * 6 7 967 @	14;/*
LDM	KFH	T# ' * +' B+' + -#Q+ \$ ,+% B && 2+% GML L

_ ;0+)* a;*,09+*					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \*\* +,)#&-+ S ./,+0# 1(-23.#4+,



&+ 2+ ,!4## %SGKQVF GMLJ

\_+\* 7-&)+ -&4+,"# %2/ SGGQVF GMLJ

a+,"# %SLQ 36

&+ 2# 7,+"# %SMKQVGMGM

DM	LJ L	LMM	KFH	?+/' k',+ &@'(.@ 7& -&7+&/ O	A> HMBGMMD q(, Q 7-&)+ +97(' /,+ -# * #" XGML LZ
----	------	-----	-----	---------------------------------	--

A8<452E4* ,/BYE4*					
[ 02*4; S 21+9 ,*,7 * 6 7 96 7 @	[ 02*4; S /14; , ,*,7 * 6 7 967 @	&1, *+,		14;/*	
GMM	DMM	c<		[ 8_ ^wA[ ^ aT- l g+ 2%+ LG0, (" #0)+ GMVE Q'+, ^* "+ "' &0( 4#7( 2* @%Q' ( ) @	

\:\$ 20+)*					
[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14; , ,*,7 * 6 <<7	[ 02*4; S /14; , ,*,7 * 6 7 967 @	A*7 0; E4*	14;/*
DM	LJ G	LMM	KFH	. Qc< ATa	Y( 2+ ( 6?, &) '# + Q, ': + . & 6+ '^ > +&': 80/2 q + -6& + &' q (, Q XGML LZ

\ 1+9;-*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S /14; , ,*,7 * 6 7 967 @	&1, *+,		A*7 0; E4*	14;/*
LJ M	EVM	@#		<GOhAe A5 G	GD3GMMMOXmDKMIZ Afe .gY"e +\$^f''+' ,+%2+-+' &* /%Q&+ -^+Q Q! * #&#@

! 3, 1+ -*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14; , ,*,7 * 6 7 967 @	[ 02*4; S /14; , ,*,7 * 6 <<7	A*7 0; E4*	14;/*
LJ G	DM	KFH	LMM	8	RooQ+" QQ %0& Q+++ ##' + ( : / ' + \$ / , # + 7 ##% ( , * #2 LL Q M G M V E % GGK X_R @

21T8+ -*					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; \ -7 -, * L20 .1+)	A*7 0; E4*		14;/*
LJ G	DM	G	} c h8 Rc A5		EE

\4G*7 514; 9					
[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14; , ,*,7 * 6 7 967 @	[ 02*4; S /14; , ,*,7 * 6 <<7	&1, *+,	14;/*
LJ G	DM	KFH	LMM	?+&/	_b\$-+* +% \$, &0/2 2/) &- 2/ KL ( ) ' ( @ + GMVF * ( 2# 6#0% -+ , b\$-+* +% \$, &0/2 @

\ -, 40+ -*					
-------------	--	--	--	--	--

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !  
 !"#%&#%)( \* \* +,)#&-+ S ./,+0# 1(-23.#4+,



&+ 2+ ,!4## %SGKQVFQMLJ  
 a+,"#%SLQ 36

\_ +\* 7-&)+ -&4+,"#%2/ SGGQVFQMLJ  
 &+ 2# 7,+"#%SMKQVGMGM

[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	&1,*+,	14; /*
LJ G	DM	KFH	LMM	-`	KW

a4290; -\*

[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	A*7 0;E4*	14; /*
LJ G	DM	KFH	DM	?+&/	FL

\0 \\*,1+ -\*

[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	A*7 0;E4*	14; /*
DM	LH	LDM	HM	?+&/ 8/"B#Q% \$+%&/62&" >o,+%	EF

\0 A147 0+ -\*

[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	A*7 0;E4*	14; /*
LJ G	DM	KFH	LMM	?	EJ

	L0;07 Y,;* ) :8/B0+,-221+3	M0,* ) * <;82YT*7 *+, ) :8/B0+,-221+3	14; /*
G \$3-	>#7/, "i /,+ 2&%' ->, #6t	A%2 ( 6": #6	EJ
K * \$3-	( ),!"(- 2&%' ->, #6t	A%2 ( 6": #6	EJ

\_ ;Y/\*

[ 02*4; S 21+9 ,*,7 * 6 7 967 @	[ 02*4; S 21+9 ,*,7 * 6 <<7	[ 02*4; S /14;, ,*,7 * 6 7 967 @	[ 02*4; S /14;, ,*,7 * 6 <<7	14; /*
KED	LMM	DWM	LDM	FM

K=> " 1+ ,; 02\*3 ) \* 2\*G<13-, -1+

?, ('+)'#% ,+"7#&( #+ . #+ " -# #+ " 2=97 ("##%"/, -+ -#/ 2+ ', &48# "( % 2! 7&"! +"c / %t 7, ('+)'#% ,+"7#&( #+ &77, ( / 4! + 7( / , )+'+'í): + 7&, #/ -# ,+ 2( # k', + 7( , !+O

?, ('+)'#% 2+" \* &#%' ?( , '+, / %4k'+\* + % 2+ 7, ('+)'#% +' 2+" \$&%' &77, ( 7, # "O

?, ('+)'#% 2+" ^+/9 < 6&/' 7( , '+, 2+" -/ %t+'+" 2+ 7, ('+)'#% ,!"##'&%' + & / 9 7, ( 2/ # " ): # \* # / + "O

e!"/, +" \$! %d ,&+" 2+ 7, ('+)'#% \_+"7+)'+, -+" \* +"/, +" %d , \* &+" 2= ^\$#%t 7, ( 6+"#%#%t--+O. + -&4+, -+" \* &#%' &4&%' 2+ \* &%' +, c 2+ @ #+ ( / 2+ 6' \* +, OA%+4+, # \* ! 2#&+ \* + % ' ( / " -+" 4k'+\* + % " ) ( % &\* #d " + ' -+" -&4+, &4&%' , ! / ## &#% O

e +"/, +" 2€, 2, + '+): %# / + ? , ! 4( # / %t 4+ % #&#% % 2! ; / &+O &%' -&\* +"/, + 2/ 7( ""#@+c)+& 2+4, &# k', + , ! &#! 7&, ->'## &#% 2= %t 4+ % #&#% % 7&, &' 7#&#% -( )&+ +' 2= %t @ %' + 9', &)'#% \$! %d ,&+O. #) +--+ " ) #%t "( % 7&" "/ 66# " &%' + 7( / , \* &#% + % # -+ ) ( % + % , &#% ' 2+ 7&, #/ -+ " + 2+ 4&7+ / , "

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !  
!"#%&#%)( \* \* +,) #&-+ S ./,+0# 1(-23. #4+,



&+ 2+ ,! 4# # %SGKQMF O EMLJ  
a+,"# %SL Q 36

\_ +\* 7-&)+ -&4+,"# %2/ SGGQMF O EMLJ  
&+ 2# 7,+""# %S MKQMG O EMLJ

+%2+""(/" 2+" -# #+" 2=97("##%7,(6+""# %0+--+c/ %+ 7,('+) '# %  
,"7#&(#+ &77,(7,#+ 2(# k',+ 7(!+0

### !"#%&c(L;1<;-8,83 <BNB-E4\*3 \*, /B-7 -E4\*3

c = \$+.1;7 0,-1+3 34; 2\*3 <;1<;-8,83 <BNB-E4\*3 \*, /B-7 -E4\*3 \*33\*+,-\*2\*3

j'& 7: ^"# / +	-# / #2 +
8"7+)'	` , (/ &,\$+% (/ @&%) X2# / &%Z
` 2+/,	2(/ 93): &/ 2
.+ / # 2€ 2(, &	%(% 2!' +, * #d
7> X* #/Z	%(% 2!' +, * #d
?( #% 2+ 6/ "# % äY ò 3 ?( #% 2+ ) (%\$! -&# % äY ò	FW\Y3 LGK \0
?( #% 2€ @ -## % äY ò	FM\Y3LEW\0
?( #% 2€ ) -&# äY ò	H \Y3GD \0 X 0YYZ
a#+""" + 2€ 4&7(, &# % äQ\$ 3X'x* óZ ÷ L Xh/ ' ^- 8)+ ' &+ ø LZ	
4/6&* * &@##! X'(-#2+c\$&gZ	[ (%&77-#&@+
T# #+" 2=97-("##! ä(- p ò	
a&+/, -# #+ #/d , #/, +	LdF +""O
a&+/, -# #+ "/7!, #/, +	LLd +""O
?,+" "# %2+ 4&7+/, äQ? &ò	GM\Y3WF \0 & EM* * >\$
+%'#! 2+ 4&7+/,	÷ L
+%'#! ä3) * ò	&77,( 9OL
>^2, ("(-/ @##! ä3-ò	6&#@+* +%' "(-/ @+
Y(+66# #% 2+ 2#', #@/ '# %X% )' &%( -3+&/ ZX(\$ ? ` 3q Z	%(% 2!' +, * #d
R+* 7!, &/, + 2&/ '( #/6&* * & @##! äY ò	DLW\Y3 J WL \0
R+* 7!, &/, + 2+ 2!)( * 7("## % äY ò	%(% 2!' +, * #d
a#)("#! )#d * &# / + ð * ó"ò	HMM)?" * &
c => H4,; *3 -.1;7 0,-1+3	
8/ ',+" 2(%d +"	8/) / %+ &/ ', + #/d , * &# %2# 7(%#@+0

] \*4-22\* ) 1/47 \*+, ) \* 38/4; -, 8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +, )#&+ S . / , +0# 1 (-23. #4+,



&+ 2+ , ! 4## %SGKQMF O E M L J

\_ +\* 7-&) + -&4+, "# %2/ SGGQMF O E M L J

a+, "# %SL Q 36

&+ 2# 7, +""# %S MK Q M G O G M G M

!"#%&' J ( , 05-2, 8 \*, ; 80/, -T-, 8

' J ÷ A80/, -T-, 8

\_ ! &)'##!

5%+ 7( ^\* ! , #&# %2&#%+, +/" + %&7&" -#/ O

' J > , 05-2, 8 / B-7 -E4\*

. '&@##+): # # /!

T+ 7, (2/ # +"" "'&@+ "#""() Q! V 2+"" '+\* 7!, &/, +"" &\* @#%+" % ( , \* &+" O

' J @L133-5-2, 8 ) \* ; 80/, -1+3 ) 0+9\*; \*43\*3

\_ ! &)'#%' 2&#%+, +/" +"

+"" , ! &)'#%' 2&#%+, +/" +"" %t " + 7, (2/ # +"" 7&" "#/'##! +"" ""() Q ( , , +)' +\* +% O

' J € " 1+) -, -1+3 S 8T-, \*;

Y( %2##%' V! 4##+,

Y( %'+, 4+, V -&)' &' 2+ '( /' + 6&\* \* + ( / "( / , ) + 2±'##) +--" Oe &#%+%# -"" , ! ) ##%" : +, \* ! '# / +\* +% 6+, \* ! " +%) &' 2+ % ( % /'##&# % O A&/ c &) #+" c &)-# c" (-4&%" ) : -( , ! "

' J Q F 0, -Y; \*3 -+/17 <0, -52\*3

e &#b, +"" V! 4##+,

j 4##+, -+)( %&)' &4+) -=&/ c -"" &) #2+"" \* #d , &/ 9c -"" (-4&%" ) : -( , ! " O

' J R L; 1) 4-, 3 ) \* ) 8/17 <13-, -1+ ) 0+9\*; \*4G

?, (2/ #" 2+ 2!)( \* 7( "##% 2&% : ^2, ( \$b%+

\$+, +/9

Y/ ` w%`

!"#%&' ' ( \$+.1; 7 0, -1+3 , 1G-/1219-E4\*3

' ' ÷ \$+.1; 7 0, -1+3 34; 2\*3 \*.. \* , 3 , 1G-/1219-E4\*3

#1G/-, 8 1; 02\* d7 96U9e

" 17 <130+, 3 ) 0+9\*; \*4G

54, 0+1+*Z8, BNZ 8, BNZ 8, 1+*				
[ 02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8* ) : *G<1 3-, -1+	A*7 0; E4*	14; / *
GEKE	_ &	TDM	R( 9##! &# / ù Y&! \$( , # D	a+, ( , 2%/%\$ XA1 Z [ , OLGE G3GMF 2+"" A/, ( 7i # ") : +%?& -& * +%" / %2 2+"" _ & O

" 4-T; *				
[ 02*4;	! 3<Y/* 4, -238* <14; 2* , *3,	M4; 8* ) : *G<1 3-, -1+	A*7 0; E4*	14; / *
GDMM	_ &	TDM	R( 9##! &# / ù Y&! \$( , # D	a+, ( , 2%/%\$ XA1 Z [ , OLGE G3GMF 2+"" A/, ( 7i #

] \*4-22\* ) 1/47 \*+, ) \* 38/4; -, 8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +, )#&+ S . / , +0# 1 (-23. #4+,



&+ 2+ , !4## %SGKQMF GMLJ

\_ +\* 7-&)+ -&4+, "# %2/ SGGQMF GMLJ

a+, "# %SLQ 36

&+ 2# 7, +""# %SMKQMG GGMGM

				) : +%?& -& * +% " / %2 2+ " _ & Q
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H247 -+ -47 W17 <1383 -+312452*3X				
A*7 0; E4*		14; / *		
8 / ) / % + 2 ( %d + 2# 7 ( %d +		a+, ( , 2% % \$ XA1 Z [ , OLGE G3GMF 2+ " A / , ( 7i # ") : +%?& -& * +% " / %2 2+ " _ & Q		

<14 ) ; * ) * f -+ / <1433-Y ; * ) * f -+ / W, 05-238X				
A*7 0; E4*		14; / *		
8 / ) / % + 2 ( %d + 2# 7 ( %d +		a+, ( , 2% % \$ XA1 Z [ , OLGE G3GMF 2+ " A / , ( 7i # ") : +%?& -& * +% " / %2 2+ " _ & Q		

, 124Y+*				
[ 02*4;	! 3<Y / * 4, -238* <14; 2* , *3,	M4; 8* ) : *G<1 3-, -1+	A*7 0; E4*	14; / *
WKW	_ &	TDM	R( 9# #! &# / ùc Y &! \$ ( , # H	a+, ( , 2% % \$ XA1 Z [ , OLGE G3GMF 2+ " A / , ( 7i # ") : +%?& -& * +% " / %2 2+ " _ & Q

#1G / - , 8 ) \* ; 7 02\* d7 96U9e  
" 17 <130+ , 3 ) 0+9\* ; \*4G

54, 0+1+*Z8, BNZ 8, BNZ 8, 1+*				
[ 02*4;	! 3<Y / * 4, -238* <14; 2* , *3,	M4; 8*	A*7 0; E4*	14; / *
WHFM	T&7 #%	TDM	[ ( % & 77-# & @ +	a+, ( , 2% % \$ XA1 Z [ , OLGE G3GMF 2+ " A / , ( 7i # ") : +%?& -& * +% " / %2 2+ " _ & Q

" 4-T ; *				
[ 02*4;	! 3<Y / * 4, -238* <14; 2* , *3,	M4; 8*	A*7 0; E4*	14; / *
÷ GMM	_ &	TDM	R( 9# #! &# / ù Y &! \$ ( , # D	a+, ( , 2% % \$ XA1 Z [ , OLGE G3GMF 2+ " A / , ( 7i # ") : +%?& -& * +% " / %2 2+ " _ & Q

H247 -+ -47 W17 <1383 -+312452*3X				
A*7 0; E4*		14; / *		
8 / ) / % + 2 ( %d + 2# 7 ( %d +		a+, ( , 2% % \$ XA1 Z [ , OLGE G3GMF 2+ " A / , ( 7i # ") : +%?& -& * +% " / %2 2+ " _ & Q		

<14 ) ; * ) * f -+ / <1433-Y ; * ) * f -+ / W, 05-238X				
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] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +,)#&+ S ./ ,+0# 1(-23. #4+,



&+ 2+ ,! 4## %SGKQMF OGLJ

\_ +\* 7-&)+ -&4+,"# %2/ SGGQMF OGLJ

a+,"# %SL Q 36

&+ 2# 7,+"# %SMKQMG OGLJ

A*7 0;E4*	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+,(,2%/%\$ XA1 Z[ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-&* +% " /%2 2+" _&' ODD

, 124Y+*				
[ 02*4;	! 3<Y/* 4,-238* <14; 2* ,*3,	M4;8*	A*7 0;E4*	14;/*
FHMM	T&7#%	TDM	Y&! \$( ,# %d % &77-#&@+	a+,(,2%/%\$ XA1 Z [ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-& * +% " /%2 2+" _&' ODD

\ " QJ \$B020,-1+ CB <14; 2\*3 90f d<7 [ e

" 17 <130+,3 ) 0+9\*;\*4G

54,0+1+*Z8,BN7 8,BN2 8,1+*	
[ 02*4;	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+,(,2%/%\$ XA1 Z[ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-&* +% " /%2 2+" _&' ODD

" 4-T;*	
&1, *+,	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+,(,2%/%\$ XA1 Z[ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-&* +% " /%2 2+" _&' ODD

H247 -+47 W17 <1383 -+312452*3X	
&1, *+,	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+,(,2%/%\$ XA1 Z[ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-&* +% " /%2 2+" _&' ODD

<14);* ) * f-+/ <1433-Y;* ) * f-+/ W8,05-238X	
&1, *+,	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+,(,2%/%\$ XA1 Z[ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-&* +% " /%2 2+" _&' ODD

, 124Y+*	
&1, *+,	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+,(,2%/%\$ XA1 Z[ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-&* +% " /%2 2+" _&' ODD

\ " QJ \$B020,-1+ CB <14; 2\*3 T0<\*4;3 d7 962e

" 17 <130+,3 ) 0+9\*;\*4G

54,0+1+*Z8,BN7 8,BN2 8,1+*				
[ 02*4;	M4;8* ) :0) 7 - +-3,;0,-1+	! 3<Y/* 4,-238* <14; 2* ,*3,	&1, *+,	14;/*
KG	YTDM	.( / ,#	%d %&77-#&@+	a+,(,2%/%\$ XA1 Z [ ,OLGEG3GMVF 2+" A/,(7i # "): +%?&,-&

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +,)#&+ S ./,+0# 1(-23.#4+,



&+ 2+ ,! 4## %SGKQVFQMLJ

\_ +\* 7-&)+ -&4+,"# %2/ SGGQVFQMLJ

a+,"# %SLQ 36

&+ 2# 7,+"# %SMKQVGMGM

				* +% " / %2 2+" _ & Q
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" 4-T; *				
&1, *+,				14; / *
8 / ) / % + 2 ( %d + 2# 7 ( %d +				a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -&* +% " / %2 2+" _ & Q

H247 -+ -47 W17 <1383 -+312452*3X				
&1, *+,				14; / *
8 / ) / % + 2 ( %d + 2# 7 ( %d +				a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -&* +% " / %2 2+" _ & Q

<14) ; * ) * f -+ / <1433-Y; * ) * f -+ / W, 05-238X				
&1, *+,				14; / *
8 / ) / % + 2 ( %d + 2# 7 ( %d +				a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -&* +% " / %2 2+" _ & Q

, 124Y+*				
&1, *+,				14; / *
8 / ) / % + 2 ( %d + 2# 7 ( %d +				a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -&* +% " / %2 2+" _ & Q

\ " QJ \$+B020,-1+ CB <14; 20 <1433-Y; \* \* , 20 5; 47 \* d7 962

" 17 <130+ , 3 ) 0+9* ; *4G				
54, 0+1+*Z8, BN7 8, BN2/ 8, 1+*				
[ 02*4;				14; / *
8 / ) / % + 2 ( %d + 2# 7 ( %d +				a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -&* +% " / %2 2+" _ & Q

" 4-T; *				
[ 02*4;	M4; 8* ) :0) 7 - + -3, ; 0, -1+	! 3 < Y / * 4, -238* <14; 2* , *3,	&1, *+,	14; / *
Dd.L	YTDM	_ &	Y&! \$( , # %d % &77-# &@+	a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -& * +% " / %2 2+" _ & Q

H247 -+ -47 W17 <1383 -+312452*3X				
&1, *+,				14; / *
8 / ) / % + 2 ( %d + 2# 7 ( %d +				a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -&* +% " / %2 2+" _ & Q

<14) ; * ) * f -+ / <1433-Y; * ) * f -+ / W, 05-238X				
&1, *+,				14; / *
8 / ) / % + 2 ( %d + 2# 7 ( %d +				a+, ( , 2% / %\$ XA1 Z [ , OL GEG3GMVF 2+" A / , ( 7i # "): +% ? & , -&* +% " / %2 2+" _ & Q

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \* \* +,)#&+ S ./,+0# 1(-23.#4+,



&+ 2+ ,! 4## %SGKQVF GMLJ

\_ +\* 7-&) + -& 4+, "# % 2/ SGGQVF GMLJ

a+, "# %SLQ 36

&+ 2-# 7, +""# %SMKQVGGMG

, 124Y+*	
&1, *+,	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+, (.2%/%\$ XA1 Z[ , OL GEG3GMVF 2+" A/, (7i # "): +%?&,-&* +% " / %2 2+" _&'

<, #&# %7, # &#+) /' &d + -! \$b, +\* +% #, #&% . Q#% <, #OK

<, #&# % ( ) / -&#+ & , '+\* +% #, #&% OA^+ <, #OG

R( 9###! "7!)# # / + 2€, \$&%" ?+/' 7,( 4( ; / +, "( \* %(-+%) + ( / 4+, '#+"O. R` R. A K

)#@+" X+97( "## % / %# / +Z\$ \$3

Q\$ò

' ' => \$+) -/0, -1+3 /17 <287 \*+, 0-; \*3

8/ , + " 2( %d + " X): &7#, + LLQ

[ ('&ST(, ; / # %9#'+ 7&' 2+ 2( %d + " TDM"7!)# # / + " 7( / , / %+  
'( 9###! &# / ùc =>""# &# %7( %)' / +--+ 2+ '( 9###! &# / ù) ( %4+, '# &!'  
' / ##! + 2&% - +) & ) / - 2+ -AR8 X""# &# %2+ -&'( 9###! &# / ùZ2/  
7, ( 2/ #0

!"#%&' >(\$+.1; 7 0, -1+3 8/1219-E4\*3

' >± #1G/-, 8

#1G/-, 8 <14; 2\* <1-331+ d7 962e

" 17 <130+, 3) 0+9\*; \*4G

54, 0+1+*Z8, BNZ 8, BNZ 8, 1+*			
[ 02*4;	! 3<Y/* 4, -238* <14; 2*, *3,	M4; 8* ) : *G<13-, -1+	14;/*
HMM	Y^7, #d( 2( %4&, # \$& ' / "	J W:	a+, (.2%/%\$ XA1 Z[ , O L GEG3GMVF 2+" A/ , (7i #): +%?&,-& * +% " / %2 2+" _&'

" 4-T; *				
[ 02*4;	! 3<Y/* 4, -238* <14; 2*, *3,	#N<* ) * 7 * 34; *	M4; 8* ) : *G<1 3-, -1+	14;/*
MMLMK	Rk'+ 2+ @ / -+	YTDM	J W:	a+, (.2%/%\$ XA1 Z [ , OL GEG3GMVF 2+" A/, (7i # "): +%?&,-& * +% " / %2 2+" _&'

H247 -+ -47 W17 <1383 -+312452*3X	
A*7 0; E4*	14;/*
8/)/%+ 2(%d + 2#7(%#)+	a+, (.2%/%\$ XA1 Z[ , OL GEG3GMVF 2+" A/, (7i # "): +%?&,-&* +% " / %2 2+" _&'

<14); \* ) \* f -+ / <1433-Y; \* ) \* f -+ / V8, 05-238X

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)(\*\*+,)#&+S./,+0#1(-23.#4+,



&+ 2+ ,!4##%SGKQMFQMLJ

\_ +\* 7-&)+ -&4+,"#%2/ SGGQMFQMLJ

a+,"#%SLQ 36

&+ 2# 7,+"#%SMKQMGQMG

[ 02*4;	! 3<Y/* 4,-238* <14; 2* ,*3,	#N<* ) * 7 * 34;* *	M4; 8* ) : *G<1 3-,-1+	14; / *
MdFG	`% (, : ^% : / " * ^Q#" XR, / #+ &,) +% ) #-Z	YTDM	J W:	a+,(, 2%/%\$ XA1 Z [ , OLGE3GMF 2+" A/,( 7i # ") : +%?&,-& * +% " / %2 2+" _ & Q

, 12Y+*				
[ 02*4;	! 3<Y/* 4,-238* <14; 2* ,*3,	#N<* ) * 7 * 34;* *	M4; 8* ) : *G<1 3-,-1+	14; / *
DfM	`% (, : ^% : / " * ^Q#" XR, / #+ &,) +% ) #-Z	YTDM	J W:	a+,(, 2%/%\$ XA1 Z [ , OLGE3GMF 2+" A/,( 7i # ") : +%?&,-& * +% " / %2 2+" _ & Q

#1G/- ,8 <14; 2\*3 ) 0<B+ -\*3 d7 962

" 17 <130+, 3 ) 0+9\* ; \*4G

54, 0+1+*Z8, BN7 8, BN7 8, 1+*				
[ 02*4;	! 3<Y/* 4,-238* <14; 2* ,*3,	M4; 8* ) : *G<13-,-1+	14; / *	
DGM	&7: %&* &\$%&X7/ ) + 2=& \$! &0% +Z	HF :	a+,(, 2%/%\$ XA1 Z [ , O LGE3GMF 2+" A/ , ( 7i # ) : +%?&,-& * +% " / %2 2+" _ & Q	

" 4-T; *				
[ 02*4;	! 3<Y/* 4,-238* <14; 2* ,*3,	M4; 8* ) : *G<1 3-,-1+	#N<* ) * 7 * 34;* *	14; / *
MdMGD	&7: %&* & \$%&X7/ ) + 2=& \$! &0% +Z	HF :	AY DM	a+,(, 2%/%\$ XA1 Z [ , OLGE3GMF 2+" A/,( 7i # ") : +%?&,-& * +% " / %2 2+" _ & Q

H247 -+ -47 W17 <1383 -+312452*3X				
A*7 0; E4*			14; / *	
8 / ) / % + 2 ( %0 + 2# 7 ( %0 +			a+,(, 2%/%\$ XA1 Z [ , OLGE3GMF 2+" A/,( 7i # ") : +%?&,-& * +% " / %2 2+" _ & Q	

<14) ; * ) * f -+ / <1433-Y; * ) * f -+ / V8, 05-238X				
[ 02*4;	! 3<Y/* 4,-238* <14; 2* ,*3,	M4; 8* ) : *G<1 3-,-1+	#N<* ) * 7 * 34;* *	14; / *
MdMF	&7: %&* & \$%&X7/ ) + 2=& \$! &0% +Z	HF :	AY DM	a+,(, 2%/%\$ XA1 Z [ , OLGE3GMF 2+" A/,( 7i # ") : +%?&,-& * +% " / %2 2+" _ & Q

] \*4-22\* ) 1/47 \*+, ) \* 38/4; -, 8 3\*21+ ' c j I 6>J J R6" !

!"#%&#%)( \*\* +,)#&-+ S ./,+0# 1(-23.#4+,



&+ 2+ ,! 4## %SGKQMF GMLJ

\_ +\* 7-&)+ -&4+,"# %2/ SGGQMF GMLJ

a+,"# %SLQ 36

&+ 2# 7,+"# %SMKQMGGMGM

, 124Y+*				
[ 02*4;	! 3<Y/* 4, -238* <14; 2* ,*3,	M4; 8* ) : *G<1 3-, -1+	#N<* ) * 7 * 34; *	14; / *
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1+%# &/ 5 &#N  
b # + U -&' + , + V -#f# ( %! 9/ #f ( '+% #--+ 4/ , ! ) #f#% + ' 4/ \* &! , # - 4+  
, ! ) + 6' # %N  
3' ## + , 4/ \* &! , # - ! -+ ) , #f / + V4+ O+ % # & # % / 4; ! ) -&# &\$ + VV &f% #! 5&  
\$, &f%N  
3' ## + , 4+ " ( / '# ' 6& + ! ' #Q + --+ N  
cO# + , -; & ) / \* / -&' # % 4+ ) 2& \$ + " ! -+ ) , ( "" & #f / + " N  
[ + 6& , + " 6# + , -+ " 6 ( / "" # , + " V5' \* ! + " V\$ &dV ? , ( / # -& 4" VQ&6 + / , " V&  
, ( " - " N  
cO# + , ' ( / ' ) ( % &' &O+ ) -+ " ] + / 8^ -&6+&/ ( / -+ " Oa'+\* +% " N

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J P6" !

!"#%&#%)(\*\*+),#<+ R./,+0# 12#0#>+,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+\* 6-&)+ -& O+,"# % 4/ RFJ NLENFLKI

\_+, "# % RKNF V5

&+ 4;# 6,+"# % RFJ NLENFLKI

N=@ " 1+3\*-23 04G <17 <-\*;3

7/','+" #04#&#%'"/, -&-/''+  
(% ,+ -+" #0)+%4#"

=(, '+, / % &66&,+#, +"6#&( #+ &' ( % ( \* + +' / %> ) ( \* ? #0&# ( %4+ 6, ( '+)'#% ) ( % ,+ -+" "/?""&0)+ ) 2# #0/ +" Ne+5 ( ## &O+ ) 4+ -;+&/ -+" ,!) #0#%" 5+, \* ! " "+', ( / O&0% U 6, ( 8# #! 4/ 5 [ ]+, 4;#0)+%4#N=( / , 6+'#+ ? ( / '+#-+ Rc' ( / 55+, &O+ ) 4+ -;+&/ ^/ %> ) ( / O+, /', + \* ( / #! + ( / / %> "+, O#'+N  
S+" O&6+/, " ,# 9/ +% 4+ 6& ) ( / , # 4+" 4#'#&0)+ ) ( % '#! , &2 -+" &O&0% 4;&' + #04, + / %> " ( / , ) + 4; &- / \* &\$ + ^4+ " ; &- / \* +, ^4+ 6, ( Q 9/ +, -+ , + '( / , 4+" 5-&\* \* + " ( / / %> +86-( "# %NS( , " 4+ -; /'##&#%' ^5 , \* &#%' 6 ( ""# -+ 4+ \* ! -&0# + O&6+/, &# #05-&\* \* &2 -+V+86-( "#N

! " #0%& P ( F \*34; \*3 Q <; \*+ ) ; \* \*+ /03 ) \* ) -3 <\*; 3-1 + 0// - ) \*+, \*22\*

P = L; 8/04, -1+3 -+ ) -R- ) 4\*22\*3S8E4-<\*7 \*+, ) \* <; 1, \*/ , -1+ \* , <; 1/8 ) 4; \*3 ) :4; 9\*+ / \*

=,!) &' #%' #04#0# / +--+" 3'##+, / %! 9/ #0+ \* % 4+ 6, ('+) #' #04#0# / +- XQ # , / ? , #0/ + EZN

P > L; 8/04, -1+3 <14; 20 <; 1, \*/ , -1+ ) \* 2\*+R-; 1+++\*7 \*+,

=,!) &' #%' 6( / , -&6, ('+) #' % [ + 6& -&#'+, " ;! ) ( / -+, 4&0% -+" ) &0&-# &#%' % #4&0% -+" +&/ 8 ) ( / , &0% + " N  
. + -&O+, -+" \* &#0% O&0% 4+ \* &0#+, ^4+ ? ( #+ ( / 4+ 5' \* +, N  
S&O+, -+" Ca'+\* + % " " ( / #! " O&0% 4+ -+" , ! /'##+, N

P @ F 8, B1 ) \*3 \* , 7 0, 8; - \*2 ) \* / 1+ . - + \*7 \*+, \* , ) \* + \* , , 1009 \*

b ! ' 2 ( 4+ " 4+ %>' ( ) &\$+ c-# #0+, # \* ! 4#&+\* + % -+" 9/ &0% #! " , + % O+, " ! + " N @ ( # %> , ' ( / ' + "( / , ) + 4; #0#%# %N @ O& ) / +, -+" 6+, " ( %> " + % - # / " n, N\_ + % #+, -& d ( %> ) ( % ) +, %d + N. ( - 4&0#+, + / "+\* + % \$ - # " &0% + % ) &' 4! ; ) ( / - + \* + % V4+ 4! O+, "+\* + % 4/ 6, ( 4/ #N7? " ( , ? +, &O+ ) / %> " / ? ""&0)+ -#0% -+" -#0/ #4+" X' &2 -+ ^4#& ( \* #+ ^-#0% 4; & ) #4+ " ^-#0% / %> O+, " + -ZN [ + 6&' #0' 6#+, -+" O&6+/, " V& , ( " -" N  
S; ! -# #0&#%' % 4 ( # " + 58# + " + - ( % - " 6, + ) , #0' #%' 4+ " &/ ' ( , #! " - ) &- + " N  
@ ( # %> , ' ( / ' + " ( / , ) + 4; #0#%# %N  
[ + ' ( ) +, &O+ ) / % \* &! , #0/ &2 " ( , ? &0% X6N+8N ) 2#5 ( % ^ % ( % ' #! " ZN

! " #0%& I ( F 0+ - <420, -1+ \* , 3, 1/T09 \*

I = L; 8/04, -1+3 Q <; \*+ ) ; \* <14; 4+\* 7 0+ - <420, -1+ 30+3 ) 0+9\*;

Y ( %'+#" 6( / , / %> \* &0#0/ -&' #%' " ; &' " / , +, 4; / %> O+ % #&' #%' " / 55# &0% + 6& ; # / -# , + \* + % 4&0% -+" + " "&0% 4&0#+, 6& ) + " 5+, \* ! " N  
c O#+, ' ( / ' ) ( % & ) ' &O+ ) -+" ] + / 8 + ' -& 6+ &/ N  
=, ! Q # / %> O+ % #&' #%' % 4! 9/ & + N &0% -& \* + " / , + 4/ 6 ( ""# -+ ) + -& 4+ Q &# a', + , ! &- #! 6& , -; /'##&#%' % 4; / %> O+ % #&' #%' % 6& , &' 6#&' #%' - ( ) &- + ' 4; / %> ? ( %> + 8', & ) ' #%' \$! %d , &- + N. # ) + -- + " ) # %> " ( % 6& " " / 55# " &0% + " 6( / , \* &#0% + % # -+" ) ( % ) + % , &' #%' 4+ 6& ; # / -+" + ' 4+ O&6+/, "

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J P6" !

!"#%&#%)( \* \* +,)#&- R ./ ,+0# 12#0/0+,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+\* 6-&)+ -& O+, "# % 4/ RFJ NLENFLKI

\_ +, "# % RKNF V5

&+ 4;# 6, +""# % RFJ NLENFLKI

+%4+""(/" 4+" -# #+" 4;+86( "##%6,( 5+""# %0/0+--+^/ %0 6,( '+' )' # %  
," 6#&#( #+ &66,( 6, #+ 4( # a', + 6( , '! +N  
1+%# & 5 &#N=( ' ! \$+, 4/ ,&j( %0/0+\* +% "( -&#+N@( # %0+, '( /'+ "( / , ) +  
4;# % # # % N  
. '( ) Q+, U / %0+ '+\* 6! , & / , + %0+ 4! 6&" "&% 6&" J E \YVKLL \ON

I => " 1+ ) -, -1+3 ) :4+ 3, 1/T09\* 3U; SO/17 <; -3 ) :8R\*+, 4\*22\*3 -+ /17 <0, -5-2, 83

⊗#%+0) + " 6( " ! + " & / 8 +%, +6o' " + ' ) ( % + %0+ / , "

b &0/0+ / -+, -+ ) ( % + %&% " & O+ ) "( #6( / , ! O#+, -+ " 4( \* \* &\$+ " + ' -+ " 4! O+, "+\* +% " N

:%4#&#% ' ) ( % ) +, %&% -+ " ' ( ) Q&\$+ " +% ) ( \* \* / %

1+%# U -! ) &, ' 4;& ) #+ " 5( , "' ^4+ ? & " + " 5( , ' + " + ' 4;&\$+ % " ( 8 ] 4&% " 6/ # " &% " ^&5#%4;! O#+, 4+ " , ! & ' # % " +8( ' 2+, \* # / + " N

Y( % ' # %0+ " 4;+%, +6( " &\$+ "

S# #+, -;+%, +6( " &\$+ 4+ " \* & # , + " #5-&\* \* &2 -+ " & / 8 + %4, ( # " &6 6, ( / Q " N@%, +6( " +, -+ " ? ( / '+#+" U -;&2, #4+ -& ) 2&+ / , N1+%# U -! ) &, ' 4+ " 5&\* \* + " % / + " 4/ ? , n-+ / , ? / % ' + % ( / 4+ -& 5 / , %&# + N > & 4+, -+ " ) ( % + %&% " 2+, \* ! ' # / + \* + % 5+, \* ! " Nc O#+, 4;+%, +6( " +, 6, " 4+ " & ) #+ " + ' 4+ " "( -O&% " ) 2-( , ! " N1+\* 6! , & / , + 4+ " "( ) Q&\$+ RWL \ YVKGL \ 0 \* #NS+ " ) ( % + %&% " 6+ / O+ % a', + 4&0\$+, + / 8 - ( , " 9 / ;# " ( % O# + " N S+ " ) ( % + %&% " O# + " ) ( % # %0/0+ % 4+ " , ! " # / " N

I @? , -230, -1+V3W. -+02\*V3W<0; , -/42X; \*V3W

3'##&#%X'Z"6!) #0/ +X'Z

7/) / %0+ #0/ , \* & # % 4#6( %0-+N

!" # \$ % & K ( " 1+ , ; Y 2\*3 ) \* 2\*G<13- , -1+6<; 1, \*, / , -1+ -+ ) -R- ) 4\*22\*

K = L0; 07 X, ; \*3 ) \* / 1+ , ; Y 2\*

54, 0+1+\*Z8, BOZ 8, BOZ/8, 1+\*

H2*7 09+*					
[ 02*4; 6 <<7	[ 02*4; 6 7 9-67 @	[ 02*4; \-7 -, * LZD.1+)	A*7 0; E4*	M0, * ) :87 -33-1+	14; /*
FLL	WLL	KXZ	pKZ pFZ	LKVLW	1e>. ILL

pKZRY( \* \* # " # % 4; + %0/ a' + " / , -+ " 4&0\$+, " 6( / , -& " &% ! 4+ " ) ( \* 6( " ! " ) 2# # / + " 4&0\$+ -+ \* # # / 4+ -&, + ) 2+, ) 2+N3#% % + / , ( 6! + %0/0+Nq=<eR( ) &h pFZR7> j r @<R<=<q 3%, #9/ + 4; +5+ " ' ! , &( \$ ` %0+ " %0 4( # 6& ) , &#4, + - ( , " 9 / + -& -# # + 4; +86( "##%6,( 5+""# %0/0+--+ '+' -& O&+ / , -# # + ? # - ( \$ # / + %> j ZN

H2*7 09+*					
H2*7 09+*	L0; 07 X, ; *	F 0, 8; -04 ) :0+0 Z03*	M0, * ) * <; 82X R*7 *+, ) :8/B0+ , -221+3	M0, * ) :87 -33-1+	14; /*
F * \$V-	F s / ' &0( %	3	?	LCVFLKC 0>	1e>. I LJ

! 4; 1<*					
[ 02*4; Q 21+9 , *, 7 * 6 7 967 @	[ 02*4; Q 21+9 , *, 7 * 6 <<7	[ 02*4; Q / 14; , *, 7 * 6 7 967 @	[ 02*4; Q / 14; , *, 7 * 6 <<7	M0, * ) :87 -33-1+	14; /*
WLL	FLL	ILL	JLL	FLLLVI	:e@Y1:_@ FLLI VKWKV3@

MO+\*7 0; T

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J P6" !  
 !"#%&#%)( \* \* +, )#&-+ R . / , +0# 12#0/0+,



&+ 4+ ,! O# # % RFJ NLENFLKI  
 \_ +, "# % RKNF V5

e+\* 6-&)+ -&O+,"# % 4/ RFJ NLENFLKI  
 &+ 4;# 6, +""# % RFJ NLENFLKI

[ 02*4; 6 <<7	[ 02*4; 6 7 9=67 @	&1, *+,	14; /*
CL	KGC	@	s+Q+%4'\$t,+-" + ( * u % 4, #/ 85? +Q+%4'\$t,+-" + ( * \$, u %'+Ou, 4#, 5, NNN

&1;RX9*			
[ 02*4; 6 <<7	[ 02*4; 6 7 9=67 @	14; /*	
DC	FFL	_ +#+4%/##\$ ( * &4* #/#', &#0+ % ( , * +, 5, 5, / , +%'##\$ #&, ? +##" &* ( "5u NNN	

4X) *					
[ 02*4; Q21+9 , *, 7 * 6 <<7	[ 02*4; Q21+9 , *, 7 * 6 7 967 @	[ 02*4; Q/14; , , *, 7 * 6 <<7	[ 02*4; Q/14; , , *, 7 * 6 7 967 @	M0, * ) :87 -33-1+	14; /*
CL	KCL	JLL	ILL	FLKC	<v>: @ :. w7 >ex[ . _xe @ f Y< y1>xe @ bf 1 53010z ef e@ : [ >7e FLKKRE

]-+20+) *				
[ 02*4; Q/14; , , *, 7 * 6 <<7	[ 02*4; Q/14; , , *, 7 * 6 7 967 @	A*7 0;E4*	M0, * ) :87 -33-1+	14; /*
KLL	JLL	=+&/	FLLC	<11= &, Q' FLKFC <7:17SS: . :w. : 13 [ [ @ 131 =:1f :. 33 @

L1219+*		
[ 02*4; Q21+9 , *, 7 * 6 7 967 @	[ 02*4; Q/14; , , *, 7 * 6 7 967 @	14; /*
GCL	ILL	ef {=f e{7 { @ :@b: [ :. 1e7 =e7Yv : =f S:1vw. =f S@{ [ @#Kzd 4%#& KW )d+, ANNN

H4, ; -/B*								
M17 0-+* ) * R02) -, 8	[ 02*4; Q21+9 , *, 7 * 6 <<7	[ 02*4; Q21+9 , *, 7 * 6 7 967 @	[ 02*4; Q/14; , , *, 7 * 6 <<7	[ 02*4; Q/14; , , *, 7 * 6 7 967 @	M4; 8*	]; 8E4*+/* <0; 8E4-<*	A831; 5, -1+ ) * 2^8<- ) *; 7 * 6 3*+3-25- 30, *4;	14; /*
b 7w	KLL	FIC	FLL	CIL	JLXb #AZ	G8	<	.' ( 55#'+ Xb 7w j +, '+ / %4 1ew j +, '+ FLKFZ

4-33*							
[ 02*4; Q21+9 , *, 7 * 6 <<7	[ 02*4; Q21+9 , *, 7 * 6 7 96 7 @	[ 02*4; Q/14; , , *, 7 * 6 <<7	[ 02*4; Q/14; , , *, 7 * 6 7 96 7 @	&1, 0, -1+3	#1G- /-, 8 /; - -, E4*	14; /*	
FLL	CIL	FLL	CIL	< s . . Y	. [ _e.	. 3_7 . / #"+ FLKD	



] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J P6" !

!"#%&#%)( \* \* +, )#&-+ R . / , +0# 12#0/0t,



&+ 4+ ,! O# # % RFJ NLENFLKI

e+\* 6-&) + -&O, "# % 4/ RFJ NLENFLKI

\_ +, "# % RKNF V5

&+ 4;# 6, +""# % RFJ NLENFLKI

!,0,3 ?+-3 VH" _ \$' W			
[ 02*4; 27 -, * Q/14;, * ,*,7 *	[ 02*4; ) * 21+94* ) 4;8*	a03*	14;/*
J LL 66*	FLL 66*	;, #&# % ^Y[ .	7Y>:< 12,+ "2( -4 S# # _ & - / + " 5, Y2+* # & . / ? " ' & 0 + " FLLE

! 3<09+*					
[ 02*4; Q 21+9 ,*,7 * 6 <<7	[ 02*4; Q 21+9 ,*,7 * 6 7 967 @	[ 02*4; Q/14;, , ,*,7 * 6 <<7	[ 02*4; Q/14;, , ,*,7 * 6 7 967 @	&1, *+,	14;/*
FLL	WLL	J LL	I LL	_ Ss^ _ S:	S# # + " 4+ +86( " # # % 6, ( 5+ " # % & 6 &, & 7 \$ + % + " ~ /   * # ( " FLKG

];0+/*								
[ 02*4; Q 21+9 ,*,7 * 6 <<7	[ 02*4; Q 21+9 ,*,7 * 6 7 967 @	[ 02*4; Q/14;, , ,*,7 * 6 <<7	[ 02*4; Q/14;, , ,*,7 * 6 7 967 @	A*7 0;E4*	# F L +b	] # +b	M0,* ) :87 -33-1+	14;/*
FLL	WLL	J LL	I LL	e#9/ + 4+ 6! % ' , & # % 6+, ) / ' & % + N	EG	KG	FLLD	_ & + / , " - # * # + " 4; +8 6 ( " # # % 6, ( 5+ " # % + - + & / 8 & \$ + % " ) 2# * # / + " + % NNN

a*29-E4*				
[ 02*4; Q 21+9 ,*,7 * 6 <<7	[ 02*4; Q 21+9 ,*,7 * 6 7 967 @	[ 02*4; Q/14;, , ,*,7 * 6 <<7	[ 02*4; Q/14;, , ,*,7 * 6 7 967 @	14;/*
FLL	WLL	J LL	I LL	S# ' + 4+ O&-+ / , " - # * # + " 4; +86 ( " # # % 6, ( 5+ " # % 0 + - + & / 8 & \$ + % " NNN

L00B a03			
[ 02*4; Q 21+9 ,*,7 * 6 7 96 7 @	[ 02*4; Q/14;, , ,*,7 * 6 7 967 @	A831;5,-1+ ) * 2^8<- ) *,7 * 6 3*+3-25-30, *4;	14;/*
CIL	I LL	<	S# " ' * + ' A + ' ' + - # Q + \$ , + % A & &, 4 + % FLKK

_ ;0+ ) * a; *,09+*					
[ 02*4; Q 21+9 ,*,7 * 6 <<7	[ 02*4; Q 21+9 ,*,7 * 6 7 967 @	[ 02*4; Q/14;, , ,*,7 * 6 <<7	[ 02*4; Q/14;, , ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*
FLL	WLL	J LL	EII	=+ / ' a', + & 2" ( , ? ! 6 &, - & 6 + & / N	@ GLVFLLC j ( , Q 6 - &) + +86 ( " / , + - # * # " XFLKKZ

A8<452E4* ,/BXE4*			
[ 02*4; Q 21+9 ,*,7 * 6 7 96 7 @	[ 02*4; Q/14;, , ,*,7 * 6 7 967 @	&1, *+,	14;/*

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c j I 6>J J P6" !  
 !"#%&#%)( \* \* +,)#&-+ R ./ ,+0# 12#0/0+,



&+ 4+ ,! O# # % RFJ NLENFLKI  
 \_ +, "# % RKNF V5

e+\* 6-&)+ -&O+, "# % 4/ RFJ NLENFLKI  
 &+ 4;# 6, +""# % RFJ NLENFLKI

WLL	ILL	:	[ 7e { @ _ S; v d+ 4%+ KFN6, ( "#0) + FLLD Q'+, ] * "+ "" &%( O#6( 4* %Q] ( ) NNN
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\ :\$ 20+) *					
[ 02*4; Q21+9 ,*,7 * 6 <<7	[ 02*4; Q21+9 ,*,7 * 6 7 967 @	[ 02*4; Q/14;, ,*,7 * 6 <<7	[ 02*4; Q/14;, ,*,7 * 6 7 967 @	A*7 0;E4*	14;/*
FLL	WLL	JLL	ILL	. Q':f @ _	Y( 4+ ( 5=, &) '# + 5, '2+ . & 5+' ] < +&' 2 &#4 j + -5&, + &' j ( , Q XFLKKZ

\ 1+9;-*					
[ 02*4; Q21+9 ,*,7 * 6 7 967 @	[ 02*4; Q/14;, ,*,7 * 6 7 967 @	&1,*,+	A*7 0;E4*	14;/*	
WLL	ILL	?^#	::NKN@K	FCVFLLLNXSNJ LNZ @'b . dY"b +\$] "''+" ,+%4+-+' &* /%Q&2+ -]+Q Q' * #&#? NNN	

! 3,1+ -*					
[ 02*4; Q21+9 ,*,7 * 6 7 967 @	[ 02*4; Q21+9 ,*,7 * 6 <<7	[ 02*4; Q/14;, ,*,7 * 6 7 967 @	[ 02*4; Q/14;, ,*,7 * 6 <<7	14;/*	
WLL	FLL	ILL	JLL	1^ a Q+" QQ( %0& Q+*+ # -#'+ ( 2/' +\$ / ,# + 6# %( , * # KKNKLNFLLD % FFJ Xe1 NNN	

21R8+ -*					
[ 02*4; Q21+9 ,*,7 * 6 7 967 @	[ 02*4; Q21+9 ,*,7 * 6 <<7	[ 02*4; \ -7 -, * L20 .1+)	A*7 0;E4*	14;/*	
WLL	FLL	K^C	s71^@	DD	

F 02 *					
[ 02*4; Q21+9 ,*,7 * 6 7 967 @	[ 02*4; Q21+9 ,*,7 * 6 <<7	[ 02*4; Q/14;, ,*,7 * 6 7 967 @	[ 02*4; Q/14;, ,*,7 * 6 <<7	14;/*	
WLL	FLL	ILL	JLL	[ &'# %&- f ) ) / 6&'# %&- @6( "/ , + S# # " b &'& FLL]	

\ 4G*7 514;9					
[ 02*4; Q21+9 ,*,7 * 6 7 967 @	[ 02*4; Q21+9 ,*,7 * 6 <<7	[ 02*4; Q/14;, ,*,7 * 6 7 967 @	[ 02*4; Q/14;, ,*,7 * 6 <<7	14;/*	
WLL	FLL	ILL	JLL	e`\$-+* +% \$, &#4 4/) &- 4/ J K ( ) '( ? , + FLL E * ( 4#&0% - , ` \$-+* +% \$, &#4 NNN	

\ -,40+ -*					
[ 02*4; Q/14;, ,*,7 * 6 7 967 @	[ 02*4; Q/14;, ,*,7 * 6 <<7	[ 02*4; Q21+9 ,*,7 * 6 7 967 @	[ 02*4; Q21+9 ,*,7 * 6 <<7	14;/*	

] \*4-22\* ) 1/47 \*+, ) \* 38/4;- ,8 3\*21+ ' c] I 6>J J P6" !  
 !"#%&#%)( \*\*+,)#&- R ./,+0# 12#0#t,



&+ 4+ ,! O# # % RFJ NLENFLKI  
 \_+, "# % RKNF V5

e+\* 6-&)+ -&O+,"# %4/ RFJ NLENFLKI  
 &+ 4;# 6,+"# % RFJ NLENFLKI

WLL	FLL	ILL	JLL	JW
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a420;-*				
[ 02*4; Q21+9 ,*;7 * 6 7 967 @	[ 02*4; Q/14;, ,*;7 * 6 7 967 @			14; /*
CIL	EEC			EK

\0 \*, ,1+ -*				
[ 02*4; Q21+9 ,*;7 * 6 7 967 @	[ 02*4; Q21+9 ,*;7 * 6 <<7	[ 02*4; Q/14;, ,*;7 * 6 7 967 @	[ 02*4; Q/14;, ,*;7 * 6 <<7	14; /*
WLL	FLL	ILL	JLL	DE

\0 A147 0+ -*				
[ 02*4; Q21+9 ,*;7 * 6 7 967 @	[ 02*4; Q21+9 ,*;7 * 6 <<7	[ 02*4; Q/14;, ,*;7 * 6 7 967 @	[ 02*4; Q/14;, ,*;7 * 6 <<7	14; /*
WLL	FLL	ILL	JLL	DI

	L0;07 X,;*	M0,* ) * <;82XR*7 *+, ) :8/B0+,-221+3		14; /*
F * \$V-	-&* !'2]-!'2]-)! '( %t 4+ * !'2]-+ 480% -;/, #t	@t4 ( 5"2#		DI

_ ;X/ *				
[ 02*4; Q21+9 ,*;7 * 6 7 967 @	[ 02*4; Q21+9 ,*;7 * 6 <<7	[ 02*4; Q/14;, ,*;7 * 6 7 967 @	[ 02*4; Q/14;, ,*;7 * 6 <<7	14; /*
WLL	FLL	ILL	JLL	EL

K=> " 1+ ,;Y2\*3 ) \* 2\*G<13-, -1+

=, ('+') '# % ,+"6#&( #+ . #-+ -# #+ 4;+86( "## %"/, -+ -# / 4+ ', &O8# "( % 4! 6&""! +"/ %t 6, ('+') '# % ,+"6#&( #+ &66, ( / Q + 6 ( / , ) +' + '-' ) 2+ 6&, '# / -# , + 4( # a', + 6( , '! +N

=, ('+') '# % 4+" \* &#% ' = ( , '+, 4+" \$80% " 4+ 6, ('+') '# %N

=, ('+') '# % 4+" ] + / 8 = ( , '+, 4+" - / %t '+' #%! \$, &-+ " 4+ 6, ('+') '# % ) ( %t( , \* + U -& % ( , \* + @ KVVVN

b ! "/, +" \$! % , &-+ " 4+ 6, ('+') '# % " ;&"" / , +, 4; / %t O+ % #& # % " / 55# &0% + 6&, '# / -# , + \* + % 480% -+ " 6&)+ " 5+, \* ! "N  
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