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R/ "AILILB>AM@4"G=L>ILHH@!eFAMA=HIAM!i "AILILB>AM@jg!=MA! ] B J A>!>?! J A>!>AI=L>A?!EN!  
 %A@XB>?A>I@47AHA>?=>I@!L>!PLKLG!L J J LQM=ILB>!>AIA>ILB>!=I!IFMAA! : GBML?=?>AIA>ILB>!PA>IAM@! ] LIFL>!  
 IFA!^OML@?LPILB>!BH!IFA! 2 L= J L! : LAG?!. HHLPA!BH!& J J LQM=ILB>!>?! ' O@IB J @! , >HBMPA J A>I!ei ' , jg!#GG!  
 "AILILB>AM@!=MA!=I!L J J L>A>I!ML@Y!BH!PB>IM=PIL>Q!PBMB>=KLMO@!>L@A=@A!T\_RS!ei ' . 8&74RSjg!=@!=!MA4  
 @OGI!BH!IFALM!L>=ELGLIN!IB!HBGGB ] ! ' A>IAM!HBM! 7L@A=@A! ' B>IMBG!ei ' 7 ' jg!QOL?AGL>A@!>?!>I=IA!>?!>GBP=G!  
 ?LMAPILKA@!>OA!IB!IFALM!PB>IL>OA?!>AIA>ILB>/\$FL@!=PILB>!PF=GGA>QA@!IFA!MAHO@=G!BH!%A@XB>?A>I@!IB!  
 MAGA=@A!"AILILB>AM@-!>?!BIFAM@!L>!IFA!PG=@@!IFAN!MAXMA@A>I-!@B!IF=I!IFAN!P=>!@FAGIAM!L>!XG=PA-!HBGGB ] !  
 ' 7 ' !QOL?AGL>A@-!>?!MA?OPA!IFALM!GLYAGLFBB ?!BH!L>HAPILB>!>?!LGG>A@@!>!

T/ : A?AM=G!^O?QA@!=PMB@@!IFA!PBO>IMN!F=KA!BM?AMA?!IFA!OMQA>I!MAGA=@A!BH!>B>PLILKA>@-!  
 A\XG=L>L>Q!IFA!XMA@@L>Q!IFA=GIF!ML@Y@!PMA=IA?!EN!>AI=L>L>Q!QMBOX@!BH!XABXGA!=I!IFL@!IL J A/R!!

Z/ .>#!XMLG!W-!T\_T\_-!9/5!/7L@TMLPI! ' BOMI!00?QA! 6 LGG=L J ) /! \*BO>Q!BM?AMA?!& ' , !IB!MA4  
 GA=@A!>AI=L>A?!L>?LKL?O=G@!EAP=O@A!BH!IFA! ' . 8&74RS!IFMA=IC!i \$FA!@LIO=ILB>!L@!OMQA>I!>?!O>XMAPA4

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<sup>R</sup>& '66D&6EFE-!G9CH8HI?>J?8K6<&LE&4?; ;-!T\_T\_! 6 +!RUTSW[ [!eSIF& ' LM/! 2 =M!TU-!T\_T\_g! \$ ? ; 78 : &  
 \$ I : 9M&LE& 5 9>@-! ' =@A! 1 B!T\_4PK4\_\_mT a4\$0<45< ( !e ' /7/! ' =G/!#XM/!T-!T\_T\_g-! , ' : ! 1 B!RUI! "9N>6<&  
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BM=>?O J !=>?! . M?AM!=I!TW-' ?Lδ:9&LE& '9IM?-'=@A! 1 B!/RCT\_4PK4R\_mR[4 6 ) \*!e7/! 2 =@@/!#XM!W-!  
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U/ \$FA!@XMA=?!BH! ' . 8 & 74RS!L>!&' , !?AIA>ILB>!L>! : GBML?!=F=@!EAA>! J =MYA?!EN!@APMAPN!  
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a/ #@!A=MGN!=@! 2 =MPF!T[-!T\_T\_-!GBP=G!=IIBM>AN@!MAXBMIA?!IB!IFALM!KBGO>I=MN!E=M!=@@BPL4  
=ILB>!IF=I!IFALM!iPGLA>I@!F=KA!L>?LP=IA?!IFAMA!=MA!@LPY!L>?LKL?O=G@!L>!?AIA>ILB>!GBP=GGN-!bO=M=>IL>A?!  
L>?LKL?O=G@-!>?!?AI=L>AA@! ] A=ML>Q!XMBIAPILKA!QA=M/j!e#XX\!&-! , \F/!O-!>I!Z\_4ZT-!Z!\_oR/g/!!#HIAM!=!  
E=M!=@@BPL=ILB>!GL=L@B>! J A J EAM!>YA?&' , !LH!IFAMA! ] AMA!?AI=L>A?!L>?LKL?O=G@! ] FB!F=?!IA@IA?!XB@L4  
ILKA-!@FA!MAXBMIA?!E=PY!IB! J A J EAM@FLX!IF=I!iIFAMA!F=@!EAA>! 1 .!' . 1 :&% 2 # \$& . 1 !EN!&' , !BH!?A4  
I=L>AA@!>I! ; \$ ' !BM! ( MB J A! ] FB!F=KA!IA@IA?!XB@LILKA!HBM! ' . 8 & 74RSp!>?!MAHAMMA?! J A J EAM@!IB!  
&' , `@! ] AE@LIA! ] FAMA!LI!MAXBMI@!PB>HLM J A?!XB@LILKA!P=@A@/!e)B/g!eA J XF=@L@!L>!BMLQL>=Gg/!

m/ . >! 2 B>?=N-!#XMLG!m-!T\_T\_-!IFA! 2 L= J L!<AM=G?!MAXBMIA?!IF=I!I ] B!BHHPAM@! ] BMYL>Q!  
=I! ( MB J A!5AMKLPAL"MBPA@L>Q! ' A>IAM!L>! 2 L= J L!F=?!IA@IA?!XB@LILKA!HBM! ' . 8 & 74RS-!>?! J =>N!BIF4  
AM@! ] AMA!= ] =LIL>Q!MA@OGI@!HMB J !IFALM!IA@I@/!e#XX\!&-! , \F/! ' -!>I!ZZ4ZW/g!

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IA@IA?!XB@LILKA/!e#XX\!&-! , \F/! 7-!>I!ZS4Um-!U\_4URg!ei : BM! ] AAY@ q =>?!=@!MAPA>IGN!>@! 2 B>?=N q

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PA>IAM!IA@IA?!XB@LILKA!HBM! ' . 8&74RS-!L!@!=G@B!>BI!PB J XGAIAGN!=PPOM=IA!=@!IA@IL>Q!L@!>BI!PB>?OPIA?!

B>!@LIA!>?!?AI=L>AA@!=MA!@A>I!IB!>!BHH4@LIA!FB@XLI=G!IB!EA!IA@IA?/j!!e#XX\!&-!, \F/!7-!-I!UR/g!

S/        &' ,!>B ] !=? J LI@!IF=I!IFAMA!=MA!GA=@I!I ] B! ?AI=L>A?!L>?LKL?O=G@!L>! 2 L= J L! ] FB!F=KA!

IA@IA?!XB@LILKA!HBM! ' . 8&74RS-!B>A!POMMA>IGN!=I! ( MB J A-!>?!=@APB>?!=I!=!GBP=G!FB@XLI=G!L>! 2 L4  
= J L^T!

R\_/        &' ,!MAHO@A@!IB!?!L@PGB@A! ] FAIFAM!IFLM?4X=MIN!PB>IM=PIBM@!IA@I!XB@LILKA!HBM! ' . 8&74  
RS-!XMBKL?L>Q!IFA J !=!iGBBXFBGAj!IB!MAXBML>Q!IFA!=PIO=G!>O J EAM!BH! ' . 8&74RS!P=@A@!= J B>Q!LI@!  
A J XGBNAA@!L>?!AIA>ILB>!PA>IAM@/!\$FLM?4X=MIN!PB>IM=PIBM@!PB J XML@A!!=! J =^BMLIN!BH!A J XGBNAA@!L>?!A4  
IA>ILB>!PA>IAM@/!e#XX\!&-!, \F/!7-!-I!Za4Zm/g!

RR/        ' . 8&74RS!IFMA=IA>@!AKAMN! ] B J =>!>?! J =>! ?AI=L>A?!=I! ( MB J A!5AMKLP!"MB4  
PA@L>Q! ' A>IAM!ei ( MB J A jg-! ) G=?A@! ' BO>IN!7 AIA>ILB>! ' A>IAM!ei ) G=?A@jg-!>?! ; MB ] =M? !\$M=>@L4  
ILB>=G! ' A>IAM!ei ; \$ ' jg/#!PF=MI!BH!IFA!MAXBMIA?! ' . 8&74RS!P=@A@!BH!XABXGA!L>!&' , !?AIA>ILB>! ?A4  
XLP!@!>!=G=M J L>Q!@IAAX!POMKA!e#XX\!&-!, \F/! , -!-I!U [gl!<66k?><9!7 APG=M=ILB>!BH!7 M!0B@AXF!5FL>-!  
2 7-! 2 5P! ?=IA?! # XMLG!RZ-!T\_T\_!ei 5FL>!7 APG/jg!ooZS4URe , \F/!Tg/!

RT/        #GIFBOQF! ( MB J A-! ) G=?A@-!>?! ; \$ ' !=MA!MO>!EN!XMLK=IA!XML@B>!QMBOX@-!L>?AXA>?A>I!  
PB>IM=PIBM@-!>?!=!PBO>IN-!IFA@A!QMBOX@!F=KA! : 9!=OIFBMLIN!IB!MAGA=@A!!=!XAM@B>/! . >GN!IFA!HA?AM=G!  
QBKAM> J A>I!%A@XB>?A>I@!P=>!XMBKL?A!IFA!MA J A?N!MabOA@IA?!EN!IFL@!=PILB>/!

RZ/        , =PF!BH!IFA!IFMAA! ?AIA>ILB>!PA>IAM@!ALIFAM!F=@!PB>HLM J A? !P=@A@!BH!IFA!KLMO@!BM!F=@!  
QMBOX@!BH!L>?LKL?O=G@!FAM?A?!IBQAI FAM!L>! ; iPBFBMI!bO=M=>IL>Aj!EAP=O@A!IFAN!F=KA!EAA>IA \XB@A?!  
%=IFAM!IF=>! J LILQ=IA!IFA!ML@Y!BH!IM=>@ J L@@LB>-!IFA@A!PBFBMI!bO=M=>IL>A@! ?M=@ILP=GGN!L>PMA=@A!IFA!

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T'#+% ' 2 : ; <=>?@'A'+ , 1#&7BCD'EF=GH' : I<=H@<' ) IJK'BLD'MLMLD'NOPN'4 0 QD'!=!''#\$\$%&'"/'0'  
FIIX@Cff ] ] ] /LPA/QBKfPBMB>=KLMO@K'







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T\_/ 9>?AM!IFA@A!PLMPO J @I=>PA@-' . 8 & 74RS! ] LGG!i@XMA=?!GLYA! ] LG?HLMA-j!=PPBM?L>Q!IB!=!  
HBM J AM!FLQF4GAKAG!& ' , !BHHLPL=G/!e#XX\!&-! , \F/!) -!=I! [U4WR-! [ a4[m!omgle?APG=M=ILB>!BH!OBF>!5=>?4  
] AQ-! : BM J AM! #PIL>Q! 7 LMAPIBM!BH!& ' , g/Z!!\$FA! 6 BMG?!<A=GIF! . MQ=>Lk=ILB>-!MAPBQ>LkL>Q!IFA!IFMA=I!

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@IO?N!L>PGO?A?!X=@A>QAM@!HMB J !IFA!7L= J B>?! "ML>PA@@@!\$FA@A!@IO?LA@!HBO>?!IF=I!L>!' . 8 & 7 !L>4  
HAPIA?!XAM@B>@-!aS v -!ZR v !=>?!RW v I!MA@XAPILKAGN-! ] AMA!=@N J XIB J =ILP!BM! J LG?GN!@N J XIB J =ILP/j!  
'66&5FL>!7 APG/-!oTU!e , \F/!Tg/!!!

TT/ 7 AI=L>AA!MAXBMI@!HMB J !=GG!IFMAA!H=PLGLILA@!?BPO J A>I!IF=I!@BPL=G!?L@I=>PL>Q!L@!L J XB@4  
@LEGA-!XABXGA!A \FLELIL>Q!HGO4GLYA!@N J XIB J @!=MA!FBO@A?!L>!IFA!QA>AM=G!XBXOG=ILB>-!>?! J =L>I=L>L>Q!  
XAM@B>=G!FNQLA>A!L@!PB>@IM=L>A?!EN!IFA!PMB ] ?A?!H=PLGLILA@!>?!G=PY!BH!PGA=>L>Q!@OXXGLA@/!#I! ; \$ ' !  
=>?! ) G=?A@-! J A>!=>?! ] B J A>! J O@I!M=ILB>!@B=X! ] AAYGN q

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Ta/ !\$FMBOQFBOI!IFA! ] BMG?-!IFA! ' . 8&74RS!X=>?A J LP!L@!L>HAPIL>Q!>?!YLGGL>Q! ] B J A>-!  
J A>-!>?!PFLG?MA>/!\$FA!9>LIA?!5I=IA@!F=@!>B ] !@OMX=@@A?!IFA!MA@I!BH!IFA! ] BMG?!L>!EBIF!IFA!>O J EAM!  
BH!PB>HLM J A?!P=@A@!>?!IFA!FLQFA@I!>O J EAM!BH!?A=IF@! . KAM!TT-!\_\_\_\_!# J AMLP=>@!F=KA!?LA?/^\4

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TW/ 9>HBMIO>=IAGN-!&' , !L@!XMAKA>IL>Q!XABXGA!=I! ( MB J A-! ) G=?A@-!>?! ; \$ ' !HMB J !PB J 4  
XGNL>Q! J LIF!@FAGIAML>Q!L>!XG=PA!XMBIBPBG@!>?! ' 7 ' !QOL?AGL>A@/! 7 A@XLIA! J =M>L>Q@!HMB J ! J A?LP=G!  
=>?!XOEGLP!FA=GIF!XMBHA@@LB>=G@!IF=I!MAGA=@L>Q!?AI=L>A?!L J J LQM=>I@!L@!IFA!B>GN!KL=EGA!BXILB>!IB!  
PB J XGN! J LIF!@BPL=G! ?L@I=>PL>Q-!L> ?LKL?O=G!bO=M=>IL>A-!>?!BIFAM! ' 7 ' !MAbOLMA J A>I@!>?!GBP=G!>?!  
@I=IA!BM?AM@-!IFA!=QA>PN!F=@!QA>AM=GGN!MAHO@A?!IB!MAGA=@A!L>!>N! J A=>L>QHOG! J =N-!L>!IFA!=E@A>PA!BH!

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ZR/ "AILLB>AM! ) 4 ) \*#+#, '4K'9%\* , '# 0 , !L@!=!PLlKA>!BH! ) O=IA J =G=! ] FB!L@!?AI=L>A?!

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FL@!O>LI!=MA!KAMN!@LPY/!&H!MAGA=@A?-!FA!F=@!I ] B!XG=PA@!IB!@I=N!L>!+=YA! 6 BMIF-! ] LIF!FL@!X=MI>AM!=>?!

PFLG?MA>!=>?! ] LIF!FL@!EMBIFAM-! ] FAMA!FA!P=>!XM=PILPA!@BPL=G!?L@I=>PL>Q!=>?!@AGH4bO=M=>IL>A!

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RT!



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[REDACTED]!5FAL@! ] BMMLA?!

=EBOI!PB>IM=PIL>Q!' . 8&74RS-! ] FLPF! ] BOG?!EA!H=I=G!?OA!IB!FAM!XBBM!FA=GIF/!\$FA!PAGG@!>=?!XB?@!

=MA!@B!@ J =GG!\$=FL J L!P=>>BI!XM=PILPA!@BPL=G!?L@I=>PL>Q-!>=?! J =>N!BH!IFA!XABXGA!L>!FAM!XB?!=MA!@LPY/!

&H!MAGA=@A?!HMB J !?AIA>ILB>-!@FA! ] BOG?!GLKA! ] LIF!FAM!X=MI>AM!L>!<L=GA=F-! : GBML?=?! ] FAMA!@FA! ] BOG?!

EA!=EGA!IB!@AGH4bO=M=>IL>A!>=?!XM=PILPA!@BPL=G!?L@I=>PL>Q/!

U\_/ "AILILB>AM! . \* ) "R / # ' ' \* ) 0 , ' ' 2 , ' S ) / % S ! L @ ! = ! > = ILB > = G ! BH ! IFA ! 7 B J L > LP = > !

%AXOEGLP! ] FB!F=@!EAA>!?AI=L>A?!=I! ) G=?A@! ' BO>IN!7AIA>ILB>! ' A>IAM!@L>PA! : AEMO=MN!TU-!T\_T\_/\_!<A!

F=? [REDACTED] /!<A!@OHHAM@!HMB J [REDACTED] !

[REDACTED] !7OA!IB!IFA@A!

A\L@IL>Q!FA=GIF!L@OA@-!L>X=MILPOG=M!IFB@A!MAG=IA?!IB [REDACTED] !FA!L@!=I!=!FLQF!ML@Y!

HBM!H=I=G!PB J XGLP=ILB>@!LH!FA! ] AMA!IB!PB>IM=PI! ' . 8&74RS/!<L@!PAGG J =IA@!=MA!KAMN!@LPY-!>=?!IFAMA!L@!

>B! ] =N!IB!@BPL=CGN!?L@I=>PA!L>!FL@!"B?!BM!PAGG!EAP=O@A!IFAMA!L@!>BI!A>BOQF!MBB J /!&H!MAGA=@A?!-FA!

] LGG!GLKA! ] LIF!FL@!EMBIFAM!L> ( L@L J J AA-! : GBML?=?! ] FAMA!FA! ] LGG!EA!=EGA!IB!XM=PILPA!@BPL=G!?L@I=>P4

L>Q/!!

UR/ "AILILB>AM! 0 ) #R% / ' 6%\$ ) " + , ! \* \$ ' L @ ! = ! PLILkA > ! BH ! ' OE = ! ] FB ! L @ ! ? AI = L > A ? ! = I !

; MB ] =M?!\$M=>@LILB>=G! ' A>IAM!>=?!AGLQLEGA!HBM!=?^O@I J A>I!O>?AM!IFA! ' OE=>!#?^O@I J A>I!#PI/!<A!

F=@!EAA>!L>!& ' , !PO@IB?N!@L>PA! 2 =MPF!Tm-!T\_T\_/\_!<A!@OHHAM@!HMB J [REDACTED]

[REDACTED] !<L@ [REDACTED]

[REDACTED] ] LGG! J =YA!FL J ! J BMA!KOG>AM=EGA!IB!@AKAMA!LGG>A@@!BM! ?A=IF!LH!FA!PB>IM=PI@!' . 8&74

RS/!<A!L@! ] BMMLA?!EAP=O@A! J B@I!BH!IFA!IL J A!LI!L@!L J XB@@LEGA!HBM!FL J !IB!@BPL=G!?L@I=>PA/!&H!MAGA=@A?!-

FA! ] LIF!FL@!=O>I!L>! 1 A ] !OAM@AN-! ] FAMA!@FA!F=@!>=@AX=M=IA!MBB J !HBM!FL J !IB!@AGH4L@BG=IA/!

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UT/ "AILILB>AM!.\* ) '+#( + , '\*#1%\* , '1 ) /%\* , '!L@!=!G= ] HOG!XAM J =>A>I!MA@L?A>I!BH!  
IFA!9>LIA?!5I=IA@! ] FB!L@?!AI=L>A?!EN!& ' , !=I! ) G=?A@! ' BO>IN!7 AIA>ILB>! ' A>IAM!<A!F=@!EAA>!L>!  
& ' , !PO@IB?N!@L>PA!0=>O=MN!Tm-!T\_T\_!<A!@OHHAM@!HMB J [REDACTED]  
[REDACTED] !<A!L@!XMA@PMLEA? [REDACTED]  
[REDACTED] !FL@! J A?LP=G!PB>?LILB>@/!#@!=!PB>@AbOA>PA!BH!FL@!FA=GIF!PB>?LILB>@-!FA!L@!=I!  
FLQF!ML@Y!HBM!@AKAMA!LGG>A@@!BM!?A=IF!LH!FA!PB>IM=PI@! ' . 8 & 7 4RS/!\$FAMA!=MA!Sm!?AI=L>AA@!L>!FL@!XB?-<br>=>?!=GG!Sm! J A>!F=KA!IB!@F=MA!B>A!IBLGA!&H!MAGA=@A?-<A!FA! ] LGG!GLKA! ] LIF!FL@! ] LHA!L>! 1=XGA@-! : GBML?=<br>] FAMA!FA! ] LGG!HBGG B ] !=GG!MAPB J J A>?=ILB>@!HMB J !IFA! ' 7 ' /!

UZ/ "AILILB>AM! 2% / 6%\* '( , "\$ ) 8' . ! "%S!&@!=!PLILkA>!BH! ) O=IA J =G=! ] FB!L@?!A4  
I=L>A?!EN!& ' , !=I! ; MB ] =M?!\$M=>@LILB>=G! ' A>IAM!<A!F=@!EAA>!L>!& ' , !PO@IB?N!@L>PA!=XXMB \L J =IAGN!  
. PIPEAM!TW-!T\_RS/!<A!@OHHAM@!HMB J [REDACTED]  
[REDACTED] !\$FAMA!F=KA!EAA>!QMBOX@!BH! J A>!IM=>@HAMMA?!L>IB! ; \$ ' -!>?!FA!L@!O>@OMA!LH!IFAN!F=KA!EAA>!  
IA@IA?!HBM! ' . 8 & 7 4RS/!<A!L@!PB>PAM>A?!EAP=O@A!FA!F=@!EAA> [REDACTED] !EOI!FA!F=@!>BI!EAA>!  
IA@IA?!HBM! ' . 8 & 7 4RS!BM!F=?!FL@!IA J XAM=IOMA!I=YA>/!&H!FA!L@!MAGA=@A?-<A!FA! ] LGG!GLKA! ] LIF!FL@! ] LHA!BM!  
FL@!@XB>@BM!L>!+AFLQF!#PMA@-! : GBML?=/!

UU/ "AILILB>AM!9! ) "'+ ) \* / , ( ' ) / . ) \* , '2 ) \* +# ) !L@!=!PLILkA>!BH! 2 A \LPB!>=?!=@N4  
GO J !@AAYAM! ] FB!L@?!AI=L>A?!EN!& ' , !=I! ( MB J A!5AMKLP!"MBPA@@L>Q! ' A>IAM!<A!F=@!EAA>!L>!& ' , !PO@4  
IB?N!@L>PA!B>!BM!=MBO>?! 2 =MPF!m-!T\_T\_!<A!@OHHAM@!HMB J [REDACTED] ] FLPF!XOI@!FL J !=I!FLQF!ML@Y!HBM!  
@AKAMA!LGG>A@@!BM!?A=IF!LH!FA!PB>IM=PI@! ' . 8 & 7 4RS/!<A!L@! ] BMMLA?!EAP=O@A! J =>N! J A>L>!FL@!PAGG!  
F=KA!HAKAM@!>=?!PBOQF@/! 6 FA>!IFAN!=MA!L>!IFALM!O>LI-!LI!L@!L J XB@LEGA!IB! J =L>I=L>!@BPL=G!?L@I=>PA!  
&H!MAGA=@A?-<A!FA! ] BOG?!EA!=EGA!IB!@I=N! ] LIF!FL@! ] LHA!L>! : GBML?=! ] FAMA!FA! ] BOG?!EA!=EGA!IB!XM=PILPA!  
@BPL=G!?L@I=>PL>Q/!

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XAM@B>=G!XMBIAPILKA!AbOLX J A>!BM!@=>LI=MN!@OXXGLA@!L>!IFA!H=PLGLIN!&H!MAGA=@A? -!FA! J BOG?!EA!=EGA!IB!  
@I=N! J LIF!FL@!QLMGHMLA>?!L>! 2 L= J L-! : GBML?!=! J FAMA!FA! J BOG?!EA!=EGA!IB!@AGH4L@BG=IA! =>?!@AGH4bO=M=>4  
IL>A/!!

aR/ "AILILB>AM! 0 ! - ) 0 0 )&' ) / ) 0 'R - ) " !L@!=!PLILkA>!BH!"=YL@I=>! J FB!L@!?AI=L>A?!  
=I! ( MB J A!5AMKLPAL!"MBPA@@L>Q! ' A>IAM!<A!F=@!EAA>L>!& ' , !PO@IB?N!@L>PA!7 APA J EAM!R\_-!T\_RS/!<A!  
@OHHAM@!HMB J [REDACTED]

[REDACTED] /! # @!=!PB>@AbOA>PA!BH!FL@!  
FA=GIF!PB>?LILB>@-!FA!L@!=I!FLQF!ML@Y!HBM!@AKAMA!LGG>A@@!BM!?A=IF!LH!FA!PB>IM=PI@! ' . 8 & 74RS/!<A!L@!  
J BMMLA?!EAP=O@A!IFAMA!=MA!=XXMB \ L J =IAGN!Ua!BIFAM!?AI=L>A? !L>?LKL?O=G@!FBO@A? ! J LIF!FL J -! =>?!LI!  
L J XB@@LEGA!HBM!IFA J !IB!MA J =L>!@L \ !HAAI!=X=MI/!&H!MAGA=@A? -!FA! J BOG?!QB!E=PY!FB J A! =>?!GLKA! J LIF!  
FL@! J LHA! =>?!PFLG?MA>L>!\$ = J =M=P-! : GBML?=/!!!!

aT/ "AILILB>AM!9 , (%'+ - ) 1 %S !L@!=!PLILkA>!BH!<B>?OM=@! J FB!L@!?AI=L>A?!=I! ( MB J A!  
5AMKLPAL!"MBPA@@L>Q! ' A>IAM!<A!F=@!EAA>L>!& ' , !PO@IB?N!@L>PA!OOGN!RS-!T\_RS/!<A!@OHHAM@!HMB J !  
[REDACTED] /! <A!F=@!=!FL@IBMN!BH!EAL>Q!FB@XLI=GLkA? !HBM! [REDACTED] ?OA!IB!FL@!XBBM!

FA=GIF/! # @!=!PB>@AbOA>PA!BH!FL@ [REDACTED] !FA!L@!=I!FLQF!ML@Y!HBM!@AKAMA!LGG4  
>A@@!BM!?A=IF!LH!FA!PB>IM=PI@! ' . 8 & 74RS/!0B@A!L@L>!=!O>LI! J LIF!UR! J A>-! =>?!IFAN!=MA!>BI!=EGA!IB!  
@BPL=GGN! ?L@I=>PA!?OA!IB!IFA!PGB@A!bO=MIAM@!L>! J FLPF!IFAN!=MA!YAXI/!&H!MAGA=@A? !FA! J BOG?!EA!=EGA!IB!  
GLKA! J LIF!FL@!@XBO@A! =>?!PFLG?MA>L>!7 =KLA-! : GBML?!=! J FAMA!FA! J BOG?!EA!=EGA!IB!XM=PILPA!@BPL=G! ?L@4  
I=>PL>Q! =>?!@AGH4bO=M=>IL>A/!!

aZ/ "AILILB>AM!& ) #\* , ''6 ) \* \* % & , ' ( ) " + - %S !L@!=!PLILkA>!BH! ' OE=! J FB!L@!?A4  
I=L>A?!=I! ) G=?A@! ' BO>IN!7 AIA>ILB>! ' A>IAM! =>?!AGLQLEGA!HBM!=?^O@I J A>I!O>?AM!IFA! ' OE=>!# ?^O@I4  
J A>I! #PI!<A!F=@!EAA>L>!& ' , !PO@IB?N!@L>PA! : AEMO=MN!RZ-!T\_T\_/!7 =MLB>!@OHHAM@!HMB J [REDACTED] !

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L@! ] BMMLA?!=EBOI!H=I=G! ' . 8&74RS!A\XB@OMA!L>!AIA>ILB>] FAMA!BIFAM!?AI=L>A?!L>?LKL?O=G@!=MA!@LPY!

=>?!@BPL=G?!L@I=>PL>Q!L@L J XB@LEGA/[REDACTED]!

[REDACTED]

[REDACTED]!\$FAMA!=MA!BKAM!S\_! J A>!L>!IFA!GLKL>Q!O>LI-!>?!LI!L@!L J XB@LEGA!IB! J =L>I=L>!

@L\!HAAI!BH?!L@I=>PA!= ] =N!HMB J !BIFAM!?AI=L>A?!L>?LKL?O=G@/!&H!MAGA=@A?-'FA! ] LGG!GLKA! ] LIF!FL@!X=MI>AM!

=>?!PFLG?!L>! . MG=>?B-! : GBML?!=! ] FAMA!FA! ] BOG?!EA!=EGA!IB!XM=PILPA!@=HA!@BPL=G?!L@I=>PL>Q!>?!@AGH4

bO=M=>IL>A/!

aU/ "AILILB>AM! 0 ) 8R% / '1 ) / % \* ) '\* ) 0 # \* %S'L@!=!PLILkA>!BH! ' OE=! ] FB!L@!?AI=L>A?!

=I! ; MB ] =M?!\$M=>@LILB>=G! ' A>IAM!<A!F=@!EAA>L>!&' , !PO@IB?N!@L>PA! 7 APA J EAM!T\_RS/!<A!@OHHAM@!

HMB J [REDACTED]!HBM!FL@!PB>?LILB>/[REDACTED]!

[REDACTED]!

<A!L@! ] BMMLA?!=EBOI!PB>IM=PIL>Q! ' . 8&74RS!EAP=O@A!BIFAM!?AI=L>A?!L>?LKL?O=G@!XMAX=MA!IFA!HBB?!

=>?!PGA=>!IFA!H=PLGLIN-!>?!IFAN!?B!>BI! ] A=M! J =@Y@-!>?!@B J AIL J A@!QGBKA@-! ] FLGA!PGA=>L>Q/!<A!L@!

PB>PAM>A?!IF=I!FL@!FA=GIF!PB>?LILB>@-!PBOXGA?! ] LIF!IFA!H=PI!IF=I!FA!P=>>BI!@BPL=G?!L@I=>PA! ] FLGA!

?AI=L>A?-'XOI@!FL J !=I!=!FLQFAM!ML@Y!BH!PB>IM=PIL>Q! ' . 8&74RS/!&H!FA!L@!MAGA=@A?!HMB J !?AIA>ILB>-!FA!

] LGG!GLKA! ] LIF!FL@!PBO@L>!L>!"=@PB-! 6=@FL>QIB>!

aa/ "AILILB>AM! / ) S ) \* , ' , + ) " ) ' 2 ! S 0 ) " "L@!=!PLILkA>!BH! 2 A\LPB! ] FB!L@!?AI=L>A?!

=I! ( MB J A!5AMKLP!"MBPA@L>Q! ' A>IAM!<A!F=@!EAA>L>!&' , !PO@IB?N!@L>PA! 2 =MPF!T\_-!T\_T\_!<A!@OH4

HAM@!HMB J [REDACTED] ] FLPF!L@!A\=PAME=IA?!IB!IFA!XBL>I!BH!EAL>Q!O>=EGA!IB!@XA=Y! ] FA>!@LPY/!<A!

] =@!L>!=!PBFBMI!bO=M=>IL>A! ] LIF!m\_! J A>!O>ILG!MAPA>IGN-!EOI!AKA>L>!IFA!PBFBMI!FA! ] =@!>BI!=EGA!IB!

J =L>I=L>!=!@=HA!@BPL=G?!L@I=>PA!HMB J !IFA!MA@I!BH!IFA! J A>!<A!L@!PB>PAM>A?!=EBOI!PB>IM=PIL>Q!



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GLYA!@N J XIB J @-!>?!FA!L@! ] BMMLA?!EAP=O@A!FA! ] =@!IBG?!IF=I!IFAN!M=>!BOI!BH!F=>?!@=>LILkAM!>?!

IFAMA!L@!>B! J BMA!@B=X/! ' B J J L@@=MN!L@!>B ] !PGB@A?!<A!L@!=G@B!PB>PAM>A?!EAP=O@A! J =>N!QO=M?@!

B>GN! ] A=M!XAM@B>=G!XMBIAPILKA!AbOLX J A>I! ] FA>!IFAN!=MA!EAL>Q! ] =IPFA?!EN!@OXAMKL@BM@-!BIFAM ] L@A!

IFAN!?B!>BI!O@A!IFA!AbOLX J A>I!EAP=O@A!IFAN!@=N! ?B!>BI!GLYA!O@L>Q!LI! !

!&H!MAGA=@A?!

FA! ] LGG!GLKA! ] LIF!FL@! ] LHA!>?!PFLG?MA>!L>! 2 L>>A@BI=! ] FAMA!FA! ] LGG!HBGGB ] !IFA! 2 L>>A@BI=!@I=N!>I!

FB J A!BM?AM!>?!@I=N!L>!L@BG=ILB>!!

aS/ "AILILB>AM!\* ! 6%'' , \* / ) "& , ' . / , \*% ( '\* ) 0 , ( !L@!=!U\_4NA=M!BG?!PLILkA>!BH!

<B>?OM=@! ] FB!L@!?AI=L>A?!>I! ( MB J A!5AMKLP!"MBPA@@L>Q! ' A>IAM!<A!F=@!EAA>!L>!& ' , !PO@IB?N!

@L>PA! 2 =MPF!S-!T\_T\_!<A!@OHHAM@!HMB J ! -!>?!@L>PA!FL@!IL J A!L>!

( MB J A!FL@! !>APA@LI=IL>Q!L>PMA=@A?! J A?LP=ILB>!/!<A!F=@!

=G@B!EAA>!F=KL>Q?!LHHLPOGIN!EMA=IFL>Q!<A!L@!L>!=!bO=M=>IL>A!PBFBI!O>LI!>?!L@!O>=EGA!IB!@=HAGN!

?L@I=>PA!FL J @AGH!HMB J !IFA!MA@I!BH!IFA! J A>! 7 OA!IB!>G=PY!BH!@FB ] AM@-!IFA! J A>!=MA!>BI!=EGA!IB!

@FB ] AM!MAQOG=MGN!/ !

!5B J A!

J A>!=MA>`I!>GGB ] A?!IB!O@A!IFA!XFB>A!IB!PB>I=PI!IFALM!=IIBM>AN@!EAP=O@A!IFAN!F=KA!MAXBMIA?!IFA!

QO=M?@!PB>?OPI!&H!MAGA=@A?>IFA! ] BOG?!GLKA! ] LIF!FL@!H= J LGN!L>! 1 A ] ! . MGA=>@-!+BOL@L=>=!] FAMA!FA!

PBOG?!I=YA!P=MA!BH!FL J @AGH!>?!@AX=M=IA!FL J @AGH!HMB J !BIFAM@/!

m\_/ "AILILB>AM! 0 , - ) 0 %&' - ) ( ) ''L@!=!PLILkA>!BH!5B J =GL=! ] FB!L@!?AI=L>A?!>I!

( MB J A!5AMKLP!"MBPA@@L>Q! ' A>IAM!<A!F=@!EAA>!L>!& ' , !PO@IB?N!@L>PA!#OQO@I!T\_T\_![!<A!@OHHAM@!

HMB J ! !>?!L@!FBO@A?!L>!IFA!

!\$FA! ( MB J A!@I=HH!>?!>OM@A@!=MA!IAGGL>Q!FL J !IF=I!IFAMA!=MA!XABXGA!L>!f ( 2 FFAMA!L&L=0 1 2 7 2 .



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! ; AP=O@A!BH!FL@!O>?AMGNL>Q! J A?LP=G!PB>?L4  
ILB>-!FA!L@!=I!ML@Y!HBM!H=I=G!PB J XGLP=ILB>@!LH!FA! ] AMA!IB!PB>IM=PI! ' . 8&74RS/!<A!L@!PB>PAM>A?!EA4  
P=O@A!FA!L@!O>=EGA!IB!@BPL=G!?L@I=>PA-!A@XAPL=GGN! ?OML>Q! J A=G@! ] FAMA!AKAMNB>A!L@!B>GN!=EBOI!IFMAA!  
HAAI=X=MI/!&H!MAGA=@A? !FA! ] LGG!MAIOM>!FB J A! =>?!GLKA! ] LIF!FL@! ] LHA! =>?!HBGGB ] ! ' 7 ' !MAPB J J A>?=4  
ILB>@/!

mU/ %A@XB>?A>I! 0 #+ - ) % / ' 5 K' 0 % ) &%!L@!IFA! : LAG?! . HHLPA! 7 LMAPIBM!HBM!IFA!& ' , ! 2 L4  
= J L! : LAG?! . HHLPA/!!\$FA!& ' , ! 2 L= J L! : LAG?! . HHLPA!F=@!PB J XGAIA!PB>IMBG!BKAM!IFA!=? J L@!LB>! =>? !MA4  
GA=@A!BH!>B>PLILKA>@! ?AI=L>A?!=I! ( MB J A-! ; \$ ' -! =>?! ) G=?A@! !%A@XB>?A>I! 2 A=?A!L@!IFA!L J J A?L=IA!  
=>?!GAQ=G!PO@IB?L=>!BH! " AILILB>AM@/!!<A!L@!@OA? !L>!FL@!BHHLPL=G!P=X=PLIN/!!

ma/ %A@XB>?A>I! 5 #/ / # ) 0 '4K'6 ) \* \* !L@!IFA! 9>LIA?!5I=IA@!# IIBM>AN! ) A>AM=G/!!&>!IFL@!  
P=X=PLIN-!FA!F=@!@OXAMKL@BMN!=OIFBMLIN!BKAM!=GG!BXAM=ILB>!BH!IFA! , \APOILKA! . HHLPA!BH!& J J LQM=ILB>!  
%AKLA ] !e , . &%g! ] FLPF!L>PGO?A@!=GG!IFA!L J J LQM=ILB>!PBOMI@! =>?!IFA! ; B=M?!BH!& J J LQM=ILB>!#XXA=G@!  
e ; &#g/!W!9/5/ ' /!uRR\_ZeQg!W! ' : %!uR\_\_Z/ /!!<A!L@!@B!PF=MQA?! ] LIF!IFA!=? J L>L@IM=ILB>! =>?!IFA!  
A>HBMPA J A>I!BH!IFA!L J J LQM=ILB>!G= ] @!O>?AM!W!9/5/ ' /!uRR\_Ze=g/!%A@XB>?A>I! ; =MM!L@! !GAQ=G!PO@IB4  
?L=>!BH! " AILILB>AM@/!!<A!L@!@OA? !L>!FL@!BHHLPL=G!P=X=PLIN/!!

4\* . 4 , (%&' + / ) ( ( ' )

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mm/ " AILILB>AM@!HLGA!IFL@!=PILB>!B>!EAF=G!BH! !FLQFGN!KOG>AM=EGA!XOI=ILKA!PG=@@C!=GG!L>?L4  
KL?O=G@!L>!PLKLG!L J J LQM=ILB>! ?AIA>ILB>-!=@!BH!IFA! ?=IA!BH!IFA!HLGL>Q!BH!IFL@!=PILB>-! =I!IFMAA! : GBML? =!  
?AIA>ILB>!PA>IAM@-! ( MB J A!5AMKLP! "MBPA@@L>Q! ' A>IAM-! ; MB ] =M?!\$M=>@LILB>=G! ' A>IAM-! =>?! ) G=?A@!  
' BO>IN! 7 AIA>ILB>! ' A>IAM! , =PF!L>?LKL?O=G!L@! =I!L J J L>A>I!ML@Y!BH!PB>IM=PIL>Q! ' . 8&74RS!EAP=O@A!

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BH!IFA!GLHA4IFMA=IA>L>Q!PB>?LILB>@!O>?AM! ] FLPF!IFAN!=MA!PB>HL>A? q PB>?LILB>@!IF=I!KLBG=IA! ' 7 ' !

QOL?AGL>A@!>?!5I=IA!>?! ' BO>IN!BM?AM@!>@!IFAN!XAMI=L>!IB! ' . 8 & 7 4RS/!

m[/ 1 = J A?! "AILILB>AM@!EML>Q!IFL@!=PILB>!=@!MAXMA@A>I=ILKA@!BH!IFA!HBGGB ] L>Q!XMBXB@A?!

PG=@@C!

#GG!PLKLG!L J J LQM=ILB>! ?AI=L>A?!L>?LKL?O=G@! ] FB!=MA!FAG?->!BM! ] FB! ] LGG!EA!  
FAG?->!EN!%A@XB>?A>I@!=I!IFA! ( MB J A!5AMKLP!"MBPA@@L>Q! ' A>IAM!ei ( MB J A jg-!IFA!  
; MB ] =M?!\$M=>@LILB>=G! ' A>IAM!ei ; \$ ' jg-!>?!=I! ) G=?A@! ' BO>IN! 7 AIA>ILB>! : =PLGLIN!  
ei ) G=?A@jg!>@!BH!IFA!IL J A!BH!IFA!HLGL>Q!BH!IFL@!=PILB>! ] FB!=MAC!

( : T7?f=GG' ) C! ?AI=L>A?!L>?LKL?O=G@! ] LIF!=!@I=EGA!GBP=ILB>!>?fBM!XG=PA!BH!MA@L4  
?A>PN!L>! ] FLPF!IFAN!P=>!@AGH4bO=M=>IL>A!>?!XM=PILPA!@BPL=G! ?L@I=>PL>Q!>?!FN4  
QLA>A!XOM@O=>I!IB!IFA! ' 7 ' !QOL?AGL>A@!>?! , \AP/! . M?AM! 1 B!/T\_4SR!OXB>MAGA=@A/!

( : T7?f=GG' 6C! =GG!BIFAM! ?AI=L>A?!L>?LKL?O=G@! ] LIFBOI!=PPA@@!IB!=!@I=EGA!GBP=ILB>!>?fBM!XG=PA!BH!MA@L?A>PN!L>! ] FLPF!IFAN!P=>!@AGH4bO=M=>IL>A!>?!XM=PILPA!@BPL=G!  
?L@I=>PL>Q!>?!FNQLA>A!XOM@O=>I!IB! ' 7 ' !500050 . 2 ( H ) # 700050 2 . 2 ( F!I J ei ) 0 . 2 R-0 . 2 ( != ) 0 . 2 (

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[T/ )G=?A@!?AI=L>@!>!=KAM=QA!BH!U\_ [!L J J LQM=>I!?AI=L>A?!L>?LKL?O=0@!=I!=!IL J A/!e#XX\!

&-!, \F/! (-!-I!Rma/g!



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KLBG=ILB>!BH!IFA!/!/!G= ] @!/!/!/BH!IFA!9>LIA?!5I=IA@/j! '66&O6:<>6P&LE& \$ I :8C&A?>&\*9I;7-Urr!9/5/!

ZUa-!ZaR!eRS [Zgl!TW!9/5/ ' /!u!TTURePgeZg/!

WR/ : A?AM=G!?L@IMLPI!PBOMI@!F=KA!^OML@?LPILB>!IB!FA=M!F=EA=@!PG=L J @!EN!>B>PLILkA>@!PF=G4

GA>QL>Q!IFA!G= ] HOG>A@@!BM!PB>@ILIOILB>=GLIN!BH!IFALM!?AIA>ILB>!EN!7 <5/! '66D&6EFED&Q?BLPB?<&LE& I ?=

L8<-!aZZ!9/5/!m[W-!mW[!eT\_\_Rgl!J6: :8:F<&LE& "9B;8FI6M-!RZW!5/! ' I/WZ\_!eT\_RWg/!

WT/ : A?AM=G!?L@IMLPI!PBOMI@!F=KA!^OML@?LPILB>!IB!FA=M!F=EA=@!PG=L J @!EN!>B>PLILkA>@!AAY4

L>Q!IB!XMBIAPI!IFALM!?OA!XMBPA@@!MLQFI@/! '66&)N; ?H8K&LE&OC9<7? -! 1 B!/R[4 ' 84TUa[U-!T\_RW! 6 +!

aWTaT\_-! =I!nU!e5/7/! : G=!/0=>!/Tm-!T\_RWg/!

WZ/ !"OM@O=>I!IB!LI!^OML@?LPILB>-!IFL@! ' BOMI! J



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5OXX!/Z?!RRmW-!RRW[!e 1/7/! ' =G/!T\_R[gleHL>?L>Q!IFA!GBP=G! . %%!BHHLPL=G!@OE^API!IB!^OML@?LPILB>IL>!

IFA! 1 BMIFAM>!7L@IMLPI!BH! ' =GLHBM>L=!EAP=O@A!@FA! ] =@!E=@A?!L>!5=>! : M=>PL@PBg/!

%U - ) ! ( \$ # , ' ' , . ' ) & 0 # ' ' # ( \$ \* ) \$ # 1 % ' \* % 0 % & # % ( '

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WW/ \$FAMA!L@!>B!@I=IOIBM!MabOLMA J A>I!BH!A\F=O@ILB>!BH!=? J L>L@IM=ILKA!MA J A?LA@! ] FAMA!

=!>B>PLILka>!PF=GA>QA@!IFA!PB>?LILB>@!BH! ?AIA>ILB>! '66kO?878?:k "6@IF66k \*7;EDk):CE&LEk , 6><9:-!W [ T!

:/T?!Raaa-!RamR!eRRIF! ' LM/!RSWSg/!

WS/ , \F=O@ILB>!BH!=? J L>L@IM=ILKA!MA J A?LA@!L@! =G@B!>BI!MabOLMA?! ] FAMA!LI! ] BOG?!EA!HO4

ILGA-! ] FAMA!=? J L>L@IM=ILKA!MA J A?LA@!=MA!L>=?AbO=IA-!>?! ] FAMA!LMAX=M=EGA!F=M J ! ] BOG?!MA@OGI!

HMB J !MabOLML>Q!A\F=O@ILB>! '66k , 86;6: N6;F&LEkO6?;7k \*7;Ek9@k ' VE&S>?EDk+EOE-!WZa! : /!5OXX!/RU\_U-!

RU\_ [!e 2/7/! : G=!/RSSZg/!

S\_/ \$FAMA!L@!>B!A\F=O@ILB>!MabOLMA J A>I! ] FAMA!=!XAILLB>AM! =@@AMI@!PB>@ILIOILB>=G!

PG=L J @!IF=I!IFA!=QA>PN!P=>>BI!=??MA@@! '66k . 6@6>kLEk "6: 9-!S [ T! : /!5OXX!/m\_W-!mRm!e5/7/! : G=!/RSS [ g!

eC878:F&O?878?:k "6@IF66k \*7;E-!W [ T! : /T?!=I!Ram\_g!<66k?><9k \*; ?P79:kLEk \*?>>?H?:-!RT\_! : /Z?!RTR [-!

RTTT!eRRIF! ' LM/!RSS [ g!ei , \F=O@ILB>! J =N!EA!A\PO@A?! ] FA>!IFA!B>GN!PB>IA@IA?!L@@OA!L@!PB>@ILIO4

ILB>=G-!PBG=IAM=G!IB!IFA!PB>@L?AM=ILB>!BH!sIFAt!PG=L J !sEAHBMA!IFA!=QA>PNt-!>?!LI@!MA@BGOILB>!IFAMA4

HBMA!H=GG@!BOI@L?A!IFA!=QA>PN`@!=OIFBMLIN/jg! 5 ? ; <?K6&LEk 2E 'EkO779; : 6P& - 6 : E-! [ Sm! : A?!#XX\!SSZ-!

R\_\_m!eRRIF! ' LM/!T\_T\_g!ei ; AP=O@A!IFA! ; &#!?BA@!>BI!F=KA!IFA!XB ] AM!IB! ?APL?A!PB>@ILIOILB>=G!

PG=L J @



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& x 1!7 AP/!aTS-!aZT!e ; &#!RSSTg!e>BIL>Q!IF=I!iLI!L@!@AIIGA?j!IF=I!IFA!L J J LQM=ILB>!^O?QA!=>?!IFA! ; &#!

P=>>BI!?APL?A!PB>@LIOLB>=G!bOA@LB>@g

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Sa/ &>HAPIA?!L>?LKL?O=G@!P=>!H=PA!XMBGB>QA?!IMA=I J A>I!>?!MAPBKAMN!XAMLB?@-!MabOLML>Q!  
FLQFGN!=IIA>ILKA!FB@XLI=G!P=MA!>=?!KA>ILG=IBM@!IF=I!=MA!L>!L>PMA=@L>QGN!@FBMI!@OXXGN!/\$FB@A! ] FB!?B!  
>BI!?LA!P=>!H=PA!@AMLBO@!?= J =QA!IB!IFA!GO>Q@-!FA=MI-!GLKAM-!BM!BIFAM!BMQ=>@/RR!

Sm/ ' B J XGLP=ILB>@!HMB J ! ' . 8 & 7 4RS!P=>! J =>LHA@I!=I!>!=G=M J L>Q!X=PA!'"=ILA>I@!P=>!QB!  
HMB J !EAL>Q! J A?LP=GGN!@I=EGA! ] LIF!>B!>AA?!HBM!@OXXGA J A>I=G!B \NQA>!IB!MabOLML>Q!L>IOE=ILB>!>=?!  
KA>ILG=IBM4=@@L@IA?!EMA=IFL>Q! ] LIFL>!TU!FBOM@/!5IO?LA@!A@IL J =IA!IF=I!IFA!=KAM=QA!GA>QIF!BH!IL J A!  
HMB J !B>@AI!BH!@N J XIB J @!IB!FB@XLI=GLk=ILB>!BM!IFA!?AKAGBX J A>I!BH!@AKAMA!@N J XIB J @!L@!B>GN![4S!  
?=N@/!

S[/ . G?AM!L>?LKL?O=G@!>=?!IFB@A! ] LIF!PAMI=L>! J A?LP=G!PB>?LILB>@!=MA!=I!X=MILPOG=MGN!  
FLQF!ML@Y!HBM!@AMLBO@!LGG>A@@!BM!?A=IF!HMB J ! ' . 8 & 7 4RS/RT!

SW/ 5L>PA!IFA!HLM@I!P=@A! ]=@!MAXBMIA?!L>!7 APA J EAM!T\_RS-!IFA!IM=>@ J L@LB>!BH! ' . 8 & 7 4  
RS!F=@!EAA>!QMB ] L>Q!A \XB>A>IL=GGN!! 6 BMG? ] L?A-!IFA!>O J EAM!BH!MAXBMIA?!P=@A@!PGL J EA?!HMB J !R!IB!  
R\_\_-\_\_!L>!m[!?=N@I!HMB J !R\_\_-\_\_!IB!T\_\_-\_\_!L>!B>GN!RR!?=N@I!>=?!HMB J !T\_\_-\_\_!IB!Z\_\_-\_\_!L>!  
^O@I!U!?=N@/RZ!

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RR!+L@=! 2 =M=Q=YL@-! 2 / 7 /-! 2 /" /</-!)^L6&N66: &B8?F: 9<6B&V87H&7H6&: 6V&C9; 9: ?L8; I<&B8<6?<6D&  
\* # ( ) I =Z[E& 5 H?7k<H9I>B&)&6TA6C7\_&0BF>@!<BXYL>@! 2 A?LPL>A!eG=@I!OX?=IA?!# XM!RR-!T\_T\_g-!  
FIIX@cff ] ] /FBXYL>@ J A?LPL>A/BMqfFA=GIFfPB>?LILB>@4=>?4?L@A=@A@fPBMB>=KLMO@f?l=Q>B@A?

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SS/ .>! 2 =MPF!RR-!T\_T\_-!IFA! 6 BMG?!<A=GIF! . MQ=>Lk=ILB>!ei 6 < . jg!?APG=MA?!IFA!BOI4  
EMA=Y!=!QGBE=G!X=>?A J LP<sup>RU</sup>!>?! ' . 8 & 7 4RS!F=@!>B ] !IBOPFA?!>A=MGN!AKAMN!PBO>IMN!B>!IFA!XG=>AI<sup>Ra</sup>!!

R\_/ \$FA! 6 < . !F=@!A\FBMIA?!EBIF!L J J LQM=ILB>!>?!PML J L>=G!^O@ILPA!?APL@LB>! J =YAM@!IB!  
O@A!i>B>4PO@IB?L=G! J A=@OMA@j!IB!XMBIAPI!L>P=MPAM=IA?! J A>-! ] B J A>-!>?!PF!G?MA>!>?!IB!@IA J !IFA!  
A@P=G=IL>Q!IM=>@ J L@@LB>!M=IA!/e#XX\!&-! , \F/!<-!>I!STg!!!

R\_R/ #@!BH!#XMLG!RT-!T\_T\_-!IFA!>O J EAM!BH!PB>HLM J A?!P=@A@! ] BMG? ] L?A!F=@!@OMX=@@A?!  
B>A!>?!>?!F=GH! J LGLB>-!L>PGO?L>Q!BKAM!am\_-\_\_\_!XABXGA!L>!IFA!9>LIA?!5I=IA@/!! . KAM!RRU-\_\_\_!XABXGA!  
F=KA?!LA?!=@!>MA@OGI!BH! ' . 8 & 7 4RS! ] BMG? ] L?A-!L>PGO?L>Q!>I!GA=@!TT-\_\_\_!L>!IFA!9>LIA?!5I=IA@<sup>Rm</sup>!!

R\_T/ 1 =ILB>=GGN-!XMB^APILB>@!EN!IFA! ' 7 ' !L>?LP=IA!IF=I!BKAM!T\_\_\_! J LGLB>!XABXGA!L>!IFA!  
9>LIA?!5I=IA@!PBOG?!EA!L>HAPIA?! ] LIF! ' . 8 & 7 4RS!BKAM!IFA!PBOM@A!BH!IFA!X=>?A J LP! ] LIFBOI!AHHAP4

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FIIX@Cff ] ] ] /P>EP/PB J fT\_T\_f\_ZfTZfPBMB>=KLMO@4X=>?A J LP4L@4=PPAGAM=IL>Q4=@4P=@A@4APGLX@A4  
Za\_\_\_4 ] FB4@=N@/FI J G/!

<sup>RU</sup>!\$A?MB@!#?F=>B J ! ) FAEMANA@O@-! 5 O#& I 8;6C79;=- 6:6; ?>^<49A6:8: Fk;6K?;R<k?7k7H6kK6B8?k  
N;86@8:Fk9:k\*#( ) I=Z[&akZZk \$ ?;CHk b ] b ] !e 2 =M!RR-!T\_T\_g-!FIIX@Cff ] ] ] / ] FB/L>If?Qf@XAAPFA@f?A4  
I=Lgf ] FB4?LMAPIBM4QA>AM=G4@4BXA>L>Q4MA J =MY@4=I4IFA4 J A?L=4EMLAHL>Q4B>4PBKL?4RS444RR4 J =MPF4  
T\_T\_/!

<sup>Ra</sup>! \*9;9: ?L8; I<kB8<6?<6kb]Z[&c\*#( ) I=Z[dk'87I?789:k''6A9;7ake\ -! 6 BMG?!<A=GIF! . MQ=>Lk=ILB>!  
e#XM!/T-!T\_T\_g-!FIIX@Cff ] ] ] / ] FB/L>If?BP@f?AH=OGI4@BOMPafPBMB>=KLMO@Af@LIO=ILB>4MA4  
XBMI@fT\_T\_U\_T4@LIMAX4 [ Z4PBKL?4RS/X?Hz@HKM@> { a=ATaEP [ DUFIIX@Cff ] ] ] / ] FB/L>If?BP@f?AH=OGI4  
@BOMPafPBMB>=KLMO@Af@LIO=ILB>4MAXBMI@fT\_T\_ZZ\_4@LIMAX4 [ \_4PBKL?4RS/X?Hz@HKM@> { [ A\_HAZHWDT/!

<sup>Rm</sup>! 6 BMG?B J AIAMC! ' BMB>=KLMO@-!FIIX@Cff ] ] ] / ] BMG?B J AIAM/L>HBfPBMB>=KLMO@f | PBO>IMLA@!eG=@I!  
=PPA@A?!#XM!RT-!T\_T\_g/!

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?MBXGAI@!BM!IBOPFA@!=!PB>I= J L>=IA?!@OMH=PA?!=>?!IFA>!IBOPFA@!IFALM! J BOIF-!>B@A-!BM!ANA@/

ZU!

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XMBXFNG=PILP! J A?LP=ILB>@!IF=I! J LGG!

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A\IA>?L>Q!IB!m\_! J LGGLB>IXABXGA!L>! ' FL>=/ZU!! : BGGB J L>Q!IFA!GBPYP?B ] > -! 6 OF=>!@= ] !=!@OI=L>A?!?A4  
PMA=@A!L>!IM=>@ J L@LB>IBH! ' . 8 & 74RS-! =>?! I ] B! J B>IF@!G=IAM-!IFA! ?=LGN!>O J EAM!BH!MAXBMIA?!P=@A@!  
?MBXXA?!IB!kAMB/!

RRR/ \$FMBOQFBOI!IFA! ] BMG?-!BIFAM!PBO>IMLA@!F=KA!=G@B!L J XGA J A>IA?!?M=@ILP!@BPL=G!?!L@4  
I=>PL>Q! J A=@OMA@!L>! =>!AHHBMI!IB!PB>IMBG!IFA! ' . 8 & 74RS!X=>?A J LP! =>?!XMBIAPI!XABXGA` @!FA=GIF! =>?!  
GLKA@/!! : M=>PA-!HBM!A \ = J XGA-!L J XB@A?!=!@IMLPI!>=ILB> ] L?A!GBPYP?B ] > -!XMBFLELL>Q!Q=IFAML>Q@!BH! =>N!  
@LkA! =>?!BM?AML>Q! =GG!MA@L?A>I@!IB!@I=N! =I!FB J A/Z^a!! . KAM=GG-!PBO>IMLA@!A>PB J X=@@L>Q! =>!A@IL J =IA?!  
B>A!IFLM?!BH!IFA! ] BMG?'@!XBXOG=ILB>!F=KA!A>=PIA?!@L J LG=M!MA@IMLPILB>@/Z^m!! #PMB@@!IFA! 9>LIA?!5I=IA@-!  
PLILA@! =>?!@I=IA@! =MA!L J XB@L>Q!L>PMA=@L>QGN!@IML>QA>I! J A=@OMA@!IB!AHHAPIO=IA!@BPL=G!?!L@I=>PL>Q/!! # @!  
BH! # XMLG! [ -!T\_T\_-! =I!GA=@I!UT!@I=IA@-!IFMAA!PBO>ILA@-! =>?!>L>A!PLILA@!F=?!BM?AMA?!IFALM!MA@L?A>I@!IB!  
i@FAGIAM!L>!XG=PAj!BM!@I=N! =I!FB J A/Z^l!!!

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Zu! # J N!) O>L=-! \*H8: ?^<k I ; ?C9: 8?: k / 9CRB9V: k) <k - 6778: Fk \*; 6B87k@9; k ' >9V8: Fk \*9; 9: ?L8; I <Edk  
5 9I >Bk) 7k 5 9; Rk O: PVH6; 6k %><6\_-! \$L J A! 2 =Q=kL>A!e 2 =M!RZ-!T\_T\_g-!  
FIIX@CffIL J A/PB J fa [ SmUTafPFL>=4PBMB>=KLMO@4GBPYP?B ] >f/!

Za! ; MN=>!"LAI@PF-!f 5 6k?; 6k?7kV?; ^YkS; ? : C6^<kA; 6<8B6: 7kg I <7k? : : 9I : C6Bk?kZ` =B?Pkt>9CRB9V: Dd  
N?: : 8: FkAIN>8CkF?7H6; 8: F<k?: BkV?>R<k9I7B99; <-! ; O@L>A@!&>@L?AM!e 2 =M!Rm-!T\_T\_g-!  
FIIX@Cff ] ] /EO@L>A@L>@L?AM/PB J fPBMB>=KLMO@4HM=>PA4XMA@L?A>I4 J =PMB>4=>>BO>PA@4Ra4? =N4GBPYP4  
?B ] >4T\_T\_4Z/!

Zm! #>?MA=I5=GPA?B! x! ) L>=!' FAMAGO@-! \*9; 9: ?L8; I <k . ; ?L6>k "6<7; 8C789: <DkOC; 9<<k7H6k - >9N6-!\$FA!  
1 A ] ! \*BMY! \$L J A@!e#XM!R-!T\_T\_g-!FIIX@Cff ] ] />NIL J A@/PB J f=MILPGAfPBMB>=KLMO@4IM=KAG4MA4  
@IMLPILB>@/FI J G/!

Zl! I5=M=F! 2 AMKB@F-!AI!=G/-! 5 H8CHk '7?76<k?: Bk \*8786<kO?L6k . 9>Bk "6<8B6: 7<k79k '7?Pkt?7kO9K6D! 1 A ] !  
\*BMY! \$L J A@!eG=@I!OX=?IA?!#XM! [-!T\_T\_g-!FIIX@Cff ] ] />NIL J A@/PB J fl>IAM=PILKafT\_T\_fO@fPBMB>=4  
KLMO@4@I=N4=I4FB J A4BM?AM/FI J G



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;;k #>'J@GIA>G@'HA'HX@'+ , 1#&7BC'I=><@W;?D'=FF'F@[ @FG'AY'VA[ @J>W@>H'X=[ @' <;7  
J@?H@<'I@AIF@'HA'GX@FH@J';>'IF=?@D'=><'IJ=?H;?@'GA?;=F'<;GH=>?;>V'=><' [ ;V;f=>H'  
X\ V;@>@k'

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RRR/ .>! 2 =MPF!R-!T\_T\_-!) BKAM>BM! 7 A5=>IL@!L@OA?!, \APOILKA! . M?AM!T\_4aR!>LMAPIL>Q!IFA!

:GBML?=>! 7 AX=MI J A>I!BH! <A=GIF!IB!L@OA!="" OEGLP! <A=GIF! , J AMQA>PN!!

RRZ/ .>!IFA!@= J A!?=N-!IFA!5I=IA!5OMQAB>!) A>AM=G!>?!5I=IA! <A=GIF! . HHLPA!>APG=MA?!IF=I!

=" OEGLP! <A=GIF! , J AMQA>PN!A \L@I@!L>!IFA!5I=IA!BH! : GBML?!=@! =!MA@OGI!BH! ' . 8 & 7 4RS/!

RRU/ .>! 2 =MPF!S-!T\_T\_-!) BKAM>BM! 7 A5=>IL@!?APG=MA?!@!I=IA!BH!A J AMQA>PN!HBM!IFA!A>4

ILMA!@I=IA!BH! : GBML?=-!>A@PML@>Q!IFA!@XMA=?!BH! ' . 8 & 7 4RS!=@!i=!ML@Y!IB!IFA!A>ILMA!@I=IA!BH! : GBML?=/j!!

, \AP/! . M?AM! 1 B/!T\_4aT/ZW!

RRa/ .>! 2 =MPF!RZ-!T\_T\_-!"MA@L?A>I! 7 B>=G?!O!\$MO J X!>APG=MA?!>=ILB>=G!A J AMQA>PN-

=>?!B>! 2 =MPF!Rm-!T\_T\_-!IFA!"MA@L?A>I!>?!IFA! ' 7 ' !L@OA?!QOL?=>PA!ILIGA?!iRa! 7 =N@!IB!5GB J !IFA!

5XMA=?-j! =?KL@L>Q!L>?LKL?O=G@!IB!=KBL?!@BPL=G!Q=IFAML>Q@!L>!QMBOX@!BH! J BMA!IF=>!R\_!XABXGA!>?!>?

=?KL@L>Q!BG?AM!XAM@B>@!>?!XAM@B>@! ] LIF!@AMLBO@!O>?AMGNL>Q!FA=GIF!PB>?LILB>@!IB!@I=N!FB J A!>?!>?

= ] =N!HMB J !BIFAM@/!

RRm/ .>! 2 =MPF!RS-!T\_T\_-! 2 =NBM!) L J A>Ak!L@OA?! 2 L= J L47=?A! , J AMQA>PN! . M?AM!\_ [ 4

T\_-!>?BXIL>Q! ' 7 ' !QOL?AGL>A@!A>PBOM=QL>Q!@BPL=G!?L@I=>PL>Q!>?! J =L>I=L>L>Q!>=!m4HBBI!@AX=M=ILB>!

EAI J AA>MA@L?A>I@!IB!@GB J !IFA!@XMA=?!BH!>HAPILB>!>?!IF=I!AKA>I@! ] LIF! J BMA!IF=>!IA>=IIA>?AA@!

ALIFAM!EA!P=>PAGGA?!BM!FAG?!KLMIO=GGN/ZS!

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ZW!!OL?8>?N>6&?7C!FIIX@Cff ] ] /HGQBK/PB J f ] X4PB>IA>IfOXGB=?@fT\_T\_f\_Zf , . 4T\_4aT/X?H/!

ZS!#K=LG=EGA!=IC!FIIX@Cff ] ] / J L= J L?=?A/QBkfl>HBM J =ILB>fGLEM=MNfPBMB>=KLMO@4A J AMQA>PN4BM4  
?AM4\_ [ 4T\_4EO@L>A@@A@/X?H!

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RR[/ .>! 2 =MPF!T\_-!T\_T\_-!) BKAM>BM! 7A5=>IL@!L@@OA?!, \APOILKA! . M?AM!T\_4[\_!IB!iF=M J B4  
>LkAj! ; MB ] =M?!=>?!" =G J ! ; A=PF! ' BO>IN! ] LIF! 2 L= J l4 7 =?A-!BM?AML>Q!IFA!PGB@OMA!BH!=GG!MA@I=OM=>I@-!  
E=M@-! =>N!BIFAM!=GPBFBGfHBB?!@AMKLP!EO@L>A@@!A@I=EGL@F J A>I! ] LIF!@A=IL>Q!HBM! J BMA!IF=>!R\_!XABXGA-!  
L>!=??LILB>!IB!=GG! J BKLA!IFA=IAM@-!PB>PAMI!F=GG@-! =O?LIBMLO J @-!XG=NFBO@A@-!EB ] GL>Q!=GGAN@-!QN J >=4  
@LO J @-!HLI>A@@!PA>IAM@! =>?!EA=PFA@/U-!

RRW/ .>! 2 =MPF!TZ-!T\_T\_-!) BKAM>BM! 7A5=>IL@!L@@OA?!, \APOILKA! . M?AM!T\_4W\_-!MabOLML>Q!  
=GG!L>?LKL?O=G@! ] FB!HGN!L>IB! : GBML? =!HMB J !@I=IA@! ] LIF!@OE@I=>IL=G!PB J J O>LIN!@XMA=?!IB!@AGH4L@BG=IA!  
L>!: GBML? =!HBM!RU! ?=N@!BM!IFA! ?OM=ILB>!BH!IFALM!IMLX-! ] FLPPAKAM!L@!@FBMIAM!

RRS/ .>! 2 =MPF!TU-!T\_T\_-!) BKAM>BM! 7A5=>IL@!L@@OA?!, \APOILKA! . M?AM!T\_4WZ-! ?LMAPII>Q!  
IFA!5I=IA!5OMQAB>!) A>AM=G! =>?!5I=IA! <A=GIF! . HHL PAM!IB!L@@OA! =!XOEGLP!FA=GIF! =?KL@BMN!OMQL>Q!IFA!  
XOEGLP!IB!=KBL?! =GG!@BPL=G!BM!MAPMA=ILB>=G!Q=IFAML>Q@!BH!R\_!XABXGA!BH! J BMA/! , \AP/! . M?AM! 1 B!/T\_4  
WZ/UR!

RT/\_ .>!=! 2 =MPF!T[-!T\_T\_-!) BKAM>BM! 7A5=>IL@!L@@OA?!, \APOILKA! . M?AM!T\_4Wm-!MabOLM4  
L>Q!=GG!L>?LKL?O=G@!IF=I! ?MLKA!L>IB! : GBML? =!HMB J !@I=IA@! ] LIF!@OE@I=>IL=G!PB J J O>LIN!@XMA=?!IB!@AGH4  
L@BG=IA!L>!: GBML? =!HBM!HBOMIAA>! ?=N@!BM!IFA! ?OM=ILB>!BH!IFALM!IMLX-! ] FLPPAKAM!L@!@FBMIAM!

RTR/ .>! 2 =MPF!Z\_-!T\_T\_-!) BKAM>BM! 7A5=>IL@!L@@OA?!, \APOILKA! . M?AM! 1 B!/T\_4WS-!BM?AM4  
L>Q! 2 L= J l4 7 =?A! ' BO>IN-! ; MB ] =M?! ' BO>IN-! " =G J ! ; A=PF! ' BO>IN! =>?! 2 B>MBA! ' BO>IN!IB!MA@IMLPI!



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RTa/ .>#!#XMLG!U-!T\_T\_-! 2 L= J L! 7=?A! 2 =NBM! ' =MGB@!) L J A>Ak!L@@OA?!, J AMQA>PN! . M?AM!  
RS4T\_-!BM?AML>Q!IF=I!=GG!XAM@B>!BOI@L?A!IFALM!FB J A@!=MA!A>PBOM=QA?!IB! ] A=M!=!PGBIF!H=PL=G!PBKAML>Q!  
PB>@L@IA>I! ] LIF!POMMA>I! ' 7 ' !QOL?AGL>A@/!, J AM/! . M?AM/! 1 B/!RS4T\_ /Ua!

RTm/ .>#!#XMLG!W-!T\_T\_-! 2 =NBM!) L J A>Ak!A\IA>?A?!IFA!@I=IA!BH!A J AMQA>PN!HBM! 2 L= J L4  
7=?A! ' BO>IN/!, \AP/! . M?AM!, \IA>?L>Q! 7 APG=M=ILB>!BH!+BP=G!5I=IA!BH!, J AMQA>PN/Um!

6K ) FF'@] I@JHG'=VJ@@ 'HX=H'+ , 1#&7BC'^;FF'F;Z@F\ 'J=[ =V@'\_ =;FGD'

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oU\_/!e, \F/!Tg/! '66&?><9D& ) MAAM! 7 APG/!oZ\_!e, \F/!Zg!ei \$FAMA!L@!>B! ] =N!HBM!L J J LQM=ILB>! ?AIA>ILB>!H=4  
PLGLLA@!IB!PB J XGN! ] LIF! ' 7 ' !QOL?AGL>A@!B>!@BPL=G! ?L@I=>PL>Q! =>?!bO=M=>IL>L>Q!O>GA@@!%A@XB>?A>I@!  
MAGA=@A!?AI=L>A?! J A>! =>?! ] B J A>!B>! =!G=MQA!@P=GA/jg/!

RTS/ \$FA!PB>PGO@L

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bOA>PA@!IF=I!=! ' . 8&74RS!BOIEMA=

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IFA!X=@I!PBOXGA!NA=M@.am!L>!=??LILB>!IB!BOIEMA=Y@!L>!BIFAM!XML@B>@!>?!^=LG@/a!!!

RZm/ 1 =ILB>=GGN!>?!L>IAM>=ILB>=GGN-!QBKAM> J A>I@!>?!^=LG!>?!XML@B>@I=HH!F=KA!=GMA=?N!

MAPBQ>Lka?!IFA!IFMA=I!XB@A?!EN! ' . 8 & 7 4RS!>?!MAGA=@A?!?AI=L>A?!L>?LKL?O=G@/!&M=>-aW! , IFLBXL=-aS!

=>?!\$A \ =@m-!>?!F=KA!=GG!EAQO>!IB!MAGA=@A!XABXGA!IB! J LILQ=IA!IFA!F=M J !IF=I!IFA!L J XA>?L>Q!@XMA=?!

BH! ' . 8 & 7 4RS! ] LGG!P=O@A/!

RZ[/ . >A!BH!IFA!G=MQA@I!XBGLPA!HBMPA@!L>!IFA!>=ILB>-!IFA! 2 L= J L4 7 =?A! " BGLPA! 7 AX=MI J A>I!

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MA?OPILB>!L>!=MMA@I@!>?!EBBYL>Q@!BH!m\_v /mT!

RZW/ .>!#XMLG![-!T\_T\_-!>!!IA J XBM=MN!MA@IM=L>L>Q!BM?AM! ] =@!L@@OA?!HMB J !IFL@! ' BOMI!MABOLM4

L>Q! 2 L= J L47=?A! ' BMMAPILB>@!IB!L J XGA J A>I!FA=GIF!@=HAIN!XMBIBPB@!L>!IFA! 2 AIMB! 6 A@I! 7 AIA>ILB>!

' A>IAM!! . M?AM-! ' V?8: &LE&JI: 89;-!T\_4PK4TRUa[4( 2 6 !e5/7/! :G=#!#XM![-!T\_T\_g!ePBXN!=I!#XX\!&-!

, \F/! 2 -!>I!TUT4U[g/!

RZS/ \$FA! : A?AM=G! ; OMA=O!BH!"ML@B>@!F=@!L>@!MOPIA?!XML@B>?!LMAPIBM@!IB!XMLBMLILKA!MAGA=@4

L>Q!HA?AM=G!L> J =IA@!IB!FB J A!PB>HL>A J A>I-I=YL>Q!L>IB!PB>@L?AM=ILB>!H=PIBM@!L>PGO?L>Q! isItFA!=QA!

=>?!KOG>AM=ELGLIN!BH!IFA!L> J =IA!IB! ' . 8&74RS-!L>!=PPBM?=>PA! ] LIF!IFA!s ' 7 ' t!QOL?AGL>A@/j mZ!

+k \$X@'+@>H@J'YAJ'&;G@=G@'+A>HJAF'=><'HX@'<@H@>H;A>'GH=><=J<G';>YAJW'#+%`G'<:H;@G'HA'  
I@AIF@='H'RJAW@D' 2F=<@GD'=><'6\$+k'''

RU\_/ (MB J A!>?!; \$ '!>MA!@OE^API!IB!&' , `@!"AMHBM J =>PA4 ; =@A?! 1 =ILB>=G! 7 AIA>ILB>!

5I=>?=M?@!T\_RR!ei " ; 1 75 jg/!e#XX\!&-! , \F/! (-!>I!RaT-!Rang!!

RUR/ 5APILB>!U/Ze&&geR\_g!MABOLMA@!IF=I!i ' A>IAM@!HBM! 7L@A=@A! ' B>IMBG!>=?!"MAKA>ILB>!

e ' 7 ' g!QOL?AGL>A@!HBM!IFA!XMAKA>ILB>!=>?!PB>IMBG!BH!L>HAPILBO@!>=?!PB J J O>LP=EGA! ?L@A=@A@!@F=GG!

EA!HBGGB ] A?/j!&' , !" ; 1 75!e#XX\!&-! , \F/! 1 -!>I!TUV4S[-!TaZg/mU!

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mT! . V9k4;9V?;Bk):K?76<k . 6<7k+9<878L6kS9;k \*9;9: ?L8;I<DkO<k \*?><kS9;k "6>6?<6k - ;9V-! 6 +% 1!  
e#XM!/T-!T\_T\_g-! ] ] ] /] GM/>BMQfXB@IfI ] B4EMB ] =M?4L> J =IA@4IA@I4XB@LILKA4PBMb>=KLMO@4P=GG@4MAGA=@A4  
QMB ] |@IMA= J f\_lk . XL>LB>C!4;9V?;Bk \*9I: 7PkJ?8>YkO \*# ( ) I =Z/[k78K6kN9KN!5O>!5A>IL>AG!e#XM!/Z-!  
T\_T\_g-! ] ] ] /@>4@A>IL>AG/PB J fBXL>LB>fPB J J A>I=MNFHG4BX4PB J 4HL>YAG@IAL>4EMB ] =M?4PBO>IN4^=LG4  
IFMA=I4PBMb>=KLMO@4PBKL?4T\_T\_\_U\_Z4YE [Qak ] BL>HTXHGO ] U?@\G?=[N4@IBMN/FI J G/!

mZ! . HHLPA!BH!IFA! #IIBM>AN! ) A>AM=G-! 6 =@FL>QIB>-!7 ' -! 2 A J BM=>?O J !HBM! 7LMAPIBM!BH! ; OMA=O!  
"ML@B>@-!+;89;878M?789: k9kO9K6k \*9: 8: 6K6: 7kO<kOAA;9A;8?76k8: k "6A9: <6k79k \*# ( ) I =Z/[k+? : =  
B6K8Cte 2 =M!/Tm-!T\_T\_g-!&FIIX@Cff ] ] ] /XBGLLPB/PB J fhfzL? { \_\_\_\_\_R [R4RWTm4?U=R4=? [ [4  
H?>=m [RUT\_\_\_\_\_/!

mU! : OGG!PBXN!=K=LG=EGA!=IC!FIIX@Cff ] ] ] /LPA/QBKf?BPGLEf?AIA>ILB>4@I=>?4  
=M?@fT\_RRfXE>?@T\_RRMT\_Rm/X?H/!

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RUT/ )G=?A@!L@!@OE^API!IB!&' ,`@! 1=ILB>=G! 7 AIA>ILB>!5I=>?=@!e 1 7 5g/!e#XX\!&-!, \F/!  
(-!=I!Rma/g!\$FA!POMMA>I!QBKAM>L>Q!KAM@LB>!BH!IFA! 1 7 5!L@!IFA!T\_RS! 1=ILB>=G! 7 AIA>ILB>!5I=>?=@!  
HBM! 1 B>4 7 A?LP=IA?! : =PLGLILA@/ma!

RUZ/ 9>?AM!@APILB>!R/Re&g!BH!IFA! 1 7 5-!PBKAMA?!iH=PLGLIsLA@t! J LGG!BXAM=IA!L>!=PPBM?=>PA!  
J LIF!=GG!=XXGLP=EGA!MAQOG=ILB>@!>=?!PB?A@-!@OPF!=@!IFB@A!BH!!/!/!IFA! ' A>IAM@!HBM! 7 L@A=@A! ' B>IMBG!  
=>?!"MAKA>ILB>!e ' 7 ' g/j!&' ,! 1 7 5!e#XX\!&-!, \F/! . -!=I!Z\_Ug/mmm!

RUU/ \$FA! ' 7 ' !F=@!L@!@OA?!=>!&>IAML J!) OL?=>PA!B>! 2 =>=QA J A>I!BH! ' BMB>=KLMO@! 7 L@4  
A=@A!T\_RS!e ' . 8&74RSg!L>! ' BMMAPILB>=G!>=?! 7 AIA>ILB>! : =PLGLILA@/!e#XX\!&-!, \F/! : -!=I!UW4[Zg/\$FL@!  
QOL?=>PA!@IMA@@A@!IFA!KLI=G!L J XBMI=>PA!BH!A>@OML>Q!@BPL=G! ?L@I=>PL>Q-!XMBXAM!FNQLA>A-!=PPA@@!IB!  
IA@IL>Q-!8 : B8L8BI?>!L@BG=ILB>!BH!XABXGA! J FB!F=KA!IFA!KLMO@-!>=?!bO=M=>IL>A!BH!XABXGA!A \XB@A?!IB!  
IFA!KLMO@/!\$FA!QOL?=>PA!@XAPLHLP=GGN!@I=IA@!IF=I!LI!L@!L>IA>?A?!HBM!&' , -!=@!>=G= J !A>HBMPA J A>I!  
=QA>PN! J LIF!PO@IB?L=G!>OIFBMLIN!BH! ?AI=L>A?!XBXOG=ILB>@/!

RUa/ \$FA! ' 7 ' ! ) OL?=>PA!MabOLMA@!IF=I!i ?AI=L>A?!XAM@B>@! J FB!=MA!PGB@A!PB>I=PI@!BH!=!  
PB>HLM J A?!BM!@O@XAPIA?! ' . 8&74RS!P=@A!e J FAIFAM!IFA!P=@A!L@!>=>BIFAM!L>P=MPAM=IA?f?AI=L>A?!XAM4  
@B>-!@I=HH! J A J EAM-!BM!KL@LIBMg!@FBOG?!EA!XG=PA?!O>?AM!bO=M=>IL>A!HBM!RU! ?=N@/j!e#XX\!&-!, \F/! : -!  
=I!mm/g!!!

RUm/ #>!L>?LKL?O=G!L@!PB>@L?AMA?!=!PGB@A!PB>I=PI!LH!IFAN!F=KA!EAA>! J LIFL>!=XXMB\L4  
J =IAGN!m!HAAI!BH!=! ' . 8&74RS!P=@A!HBM!=!XMBGB>QA?!XAMLB?!BH!IL J A-!BM!F=KA!F=?!?!LMAPI!PB>I=PI! J LIF!

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ma!5OXAM@A@LB>!>BIA?!=IC! J J ] /LPA/QBKf?AIA>ILB>4@I=>?=@!fT \_\_\_/!

mm! : OGG!PBXN!=K=LG=EGA!=IC! J J ] /LPA/QBKf?BPGLef?AIA>ILB>4@I=>?=@!fT\_RSf>?@T\_RS/X?H/!



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RaR\$! ' 7 \$BA( 0 ) 0 ! 2 > QL ? 2 \* ( P A B @ I = 1 A @ 0 H = 1 0 ? A I A < A I L B > 2 ! P A > ) A 0 ! 2 F B D C ? ! X 2 1 5 7 A 3 8 9 A ! 9 \ K B @ A 2 H B 5 0 0 0 5 0 1 1 9 5 . 6 7 X 2 1  
PGB@A!PB>I=PI! ] LIF!PB>HLM J A ? ! BM ! @ N J XIB J = ILP ! ' . 8 & 7 4 RS ! P = @ A @ ! L > ! 8 : B 8 L 8 B I ? > - ! > BI ! Q M B O X - ! b O = M = > 4  
IL > AC ! i : = P L G L L A @ ! @ F B O G ? ! J = Y A ! 6 L 6 ; P t A 9 < < 8 N > 6 t 6 @ @ 9 ; 7 ! IB ! b O = M = > IL > A ! P G B @ A ! P B > I = P I @ ! B H ! ' . 8 & 7 4 RS !  
P = @ A @ ! L > ? L K L ? O = G G N / j ! e # X X \ / ! & - ! , \ F / ! : - ! = I ! m m g ! e A J X F = @ L @ ! = ? ? A ? g ! ' B F B M I ! b O = M = > IL > A ! i L 4 9 0 . 2 ( I ) 0 . 2 ( ! m m g ) ] T J

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Raa/ <B J AKAM-!IFA!>AA?!IB!i sMtA@IMLPI!bO=M=>IL>A?!L>?LKL?O=G@!HMB J !GA=KL>Q!IFA!H=PLGLIN!  
eL>PGO?L>Q!IM=>@HAM@!IB!BIFAM!H=PLGLILA@gj !L@!@OE^API!IB! =>!A \PAXILB>!HBM!?AI=L>A?!L>?LKL?O=G@!iMA4  
GA=@A?!HMB J !PO@IB?N/j!e#XX\!&-!, \F/!:-!mWg!

Ram/ %AGA=@A!IB!L>?LKL?O=GLkA?!bO=M=>IL>L>Q! =>?!L@BG=ILB>!BOI@L?A!BH!=!?AIA>ILB>!H=PLGLIN!  
@AMKA@!XOEGLP!FA=GIF!EAP=O@A-!=@!IFA! ' 7 ' !A \XG=L>@-!i sLt>P=MPAM=IA?f?AI=L>A?!XAM@B>@!GLKA-! J BMY-!



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&k +A>H;>: @<'<@H@>H;A>';>'HX@':>;a : '@?;J? : WGH=>?@G'AY'HX@'? : JJ@>H' I =><@W;?' IAG@G'='<;J@'=><' ;WW;>@>H'HXJ@=H'HA'4@H;H;A>@JG'=><'AHX@JG'=H'RJAW@D'2F=<@GD'=><'6\$+K'

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RmT/ &' , `@!Y>B ]L>Q! =>?!=HHLM J =ILKA!PB>?OPI!L>!H=LGL>Q!IB!=?MA@@!IFA!PGA=M!HBM@AA=ELG4  
LIN!BH!@AKAMA!BOIEMA=Y@! =I! ( MB J A-! ; \$ ' -! =>?! ) G=?A@-! =>?! IB! I=YA! IFA! =PILB>!BH!MAGA=@L>Q!" AILLB>4  
AM@-! ?A J B>@IM=IA@! =! ?L@MAQ=M? !HBM! IFA! MLQFI@-! ] AGG4EAL>Q-! =>?! IFA! FO J =>LIN!BH! ?AI=L>A? !L J J L4  
QM=>I@! \$FA! PB>IL>OA? ! ?AIA>ILB>!BH!" AILLB>AM@! =>?! BIFAM! ?AI=L>A? !L>?LKL?O=G@! =I! ( MB J A-! ) G=?A@-!  
=>?! ; \$ ' !L@!MAPYGA@@!

RmZ/ 7A@XLIA! IFA! QGBE=G! X=>?A J LP! =>?! @FAGIAM4L>4XG=PA! BM? AM@! =PMB@@! IFA! PBO>IMN! =>?!  
Y>B ]L>Q! IFA! ML@Y@-!&' , !=HHLM J =ILKAGN! PB>IL>OA@! IB! EML>Q! : 6V! XABXGA! L>IB! ?AIA>ILB>!PA>IAM@! =>?! IB!  
IM=>@HAM! XMAKLBO@GN! ?AI=L>A? !XABXGA! EAI ] AA>!H=PLGLILA@/m! !&' , !PB>IL>OA@! IB! L@OA@! ?AI=L>AM! MABOA@I@!  
IB! PBO>ILA@! L>@! IMOPIL>Q! ^! =LG! BHHLPL=G@! IB! FBG? !XABXGA! HBM! IFA J !X=@I! IFA! XBL>I! BH! PML J L>=G! PO@IB?N!  
PB J L>Q! IB! =>!A>?/!&' , !IFA>IM=>@XBMI@! IFA@A! J A>! =>?! ] B J A>! HMB J ! IFA! GBP=G! ^! =LG! IB! L J J LQM=ILB>!  
?AIA>ILB>! =I! ( MB J A-! ) G=?A@-! =>?! ; \$ ' /!!!

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m! !9/5/!7 AX=MI J A>I!BH!<B J AG=>?!5A POMLIN-!9/5/!& J J LQM=ILB>! =>?! ' O@IB J @! , >HBMPA J A>I-! ) \*%k  
- I8B? : C6k9 : k \* # ( ) I =Z! /eG=@I!MAKLA ] A?FOX? =IA? !#XM/!T-!T\_T\_g-!FIIX@Cff ] ] ] /LPA/QBKfPBKL?RS!ei! /!/  
/!BOM!G= ] !A>HBMPA J A>I!BHHLPA@! =>?! =QA>I@! PB>IL>OA! ? =LGN! A>HBMPA J A>I!BXAM=ILB>@! IB! J =YA! PML J L4  
>=G! =>?! PLKLG! =MMA@I@/jgl!<66k?><9k%LPF=M? !<=GG-! ' BMB>=KLMO@C!&' , ! ' M=PY?B ] >!5IBYA@! : A=M@!HBM!  
5=HAIN!BH!9>?BPO J A>IA? !& J J LQM=>I@! 7 OML>Q! " =>?A J LP-!&?AXA>?A>I!e 2 =M/Ra-!T\_T\_g-!  
FIIX@Cff ] ] ] /L>?AXA>?A>I/PB/OYf>A ] @f ] BMG?f= J AMLP=@fPBMB>=KLMO@4O@4L J J LQM=>I@4LPA4M=L?@4  
IMO J X4EAM>LA4@=>?AM@4O>?BPO J A>IA?4FA=GIFP=MA4=SZSWWRm/FI J G!e>BIL>Q!IF=I!isl>! 1 A ] !\*BMY-!L J 4  
J LQM=ILB>! =?KBP=IA@!F=KA!>BIA? ! =! J =MYA? !L>PMA=@A!L>!&' , !=PILKLIN!L>MAPA>I! J B>IF@-! ] FLPF!F=@!  
>BI!@GB ] A? ! =@! IFA! PBMB>=KLMO@!BOIEMA=Y!F=@! ] BM@A>A?/jg/!! . >! 2 =MPF!RW-!T\_T\_-!&' , !=>>BO>PA? !LI!  
] BOG?!iIA J XBM=MLGN! =?^O@Ij !LI@!A>HBMPA J A>I!XM=PILPA@! ?OML>Q! IFA! ' . 8 & 74RS!BOIEMA=Y!EOI! ?A4  
PGL>A? !IB!@=N!LI! ] BOG?!@IBX! =MMA@IL>Q! XABXGA! =GIBQAI FAF! %AEAPP= ! ( G=M-! ) \*%k + ? I <8 : Fk \$ 9 <7k% : @9 : C6=  
K6 : 7k I I ; 8 : Fk \* 9 ; 9 : ?L8 ; I <k \* , 8 <8 <-! \$FA! <LGG!e 2 =M/RW-!T\_T\_g-!FIIX@Cff! IFA! FLGG/PB J fg=IL>BfUWWZmT4LPA4  
X=O@L>Q4 J B@I4L J J LQM=ILB>4A>HBMPA J A>I4?OML>Q4

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RmU/ 6 LIF!MA@XAPI!IB!XABXGA!GLYA!"AILLB>AM@! J FB!=MA!=GMA=?N!L>!PO@IB?N-!& ' , !L@!KLBG=I4  
L>Q!IFA! ' 7 ' !QOL?AGL>A@!>?!?AIA>ILB>!@I=>?=M?@!L>! J OGILXGA! ] =N@/!!

Rma/ %=IFAM!IF=>!O@A!8: B8L8BI?>!bO=M=>IL>L>Q!BH!XABXGA! J FB!F=KA!EAA>!A \XB@A?!IB!  
' . 8&74RS-!& ' , !MBOIL>AGN!O@A!A>! J =@@A!iPBFBMI!bO=M=>IL>L>Q/j!!& ' , !PB J J A>?@!LI@AGH!HBM!F=KL>Q!  
XG=PA?!G=MQA!QMBOX@!BH!XABXGA! J FB!F=KA!EAA>!A \XB@A?!IB! ' . 8&74RS!IBQAIIFAM!L>!IFA!@= J A!GLKL>Q!  
@X=PA-!?A@XLIA!IFA! ' 7 ' `@!@I=IA J A>I@!IF=I!IFL@! J A=@OMA!V8>>4@?C8>87?76!IFA!@XMA=?!BH!IFA!KLMO@!



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O@A?!9:>P&?<k?&?<7k;6<9;7E&&' , -!FB ] AKAM-!L@!O@L>Q!PBFBMIL>Q!=@!IFA!XG=>>A? q =>?!XML J =MN q MA4  
@XB>@A!IB!=!Y>B ] >! ' . 8 & 7 4RS!A \XB@OMA-!>BI!=!XM=PILPA!BH!G=@I!MA@BMI!e#XX\!&-! , \F/!&-!=I!RTZ!  
oR\_g/!

RmS/ 2 BMABKAM-!PBFBMIA?!QMBOX@!=MA!PB>HL>A?!L>@X=PA@!IF=I!XMAKA>I!IFA J !HMB J !XM=PILP4  
L>Q!@BPL=G!?!L@I=>PL>Q/! ' BFBMIA?!QMBOX@!=MA!>BI!XMBKL?A?! ] LIF! J =@Y@!IB!XMAKA>I!IFA!IM=>@ J L@@LB>!  
BH! ' . 8 & 7 4RS-!=@!MABOLMA?!EN!IFA! ' 7 ' !XMBIBPB@/!e#XX\!&-! , \F/! :-!=I!m[g/!

R[\_/ & ' , !F=@!>B!XG=>@!IB!XG=PA!@O@XAPIA?! ' . 8 & 7 4RS!P=@A@!L>!L>?LKL?O=G! J A?LP=G!L@BG=4  
ILB>!L>! ] FLPF!isAt=PF!L@BG=IA?!L>?LKL?O=G!@FBOG?!EA!=@@LQ>A?!IFALM!B ] >!FBO@L>Q!@X=PA!=>?!E=IF4  
MBB J -j!=@!IFA! ' 7 ' !L>@IMOPI@/!e#XX\!&-! , \F/! :-!=I!mTg! 2 BMABKAM-!XABXGA! ] FB!A \FLELI!HGO4GLYA!  
@N J XIB J @!=MA!>BI!=G ] =N@!MA J BKA?!HMB J !IFA!QA>AM=G!XBXOG=ILB>!EOI!L>@IA=?!=MA!@GAAXL>Q!=>?!A=I4  
L>Q! ] LIFL>!HAAI!BH!BIFAM@/!



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P=GG@I ] LPA!?!?=N-!!=@!IFA!?AIA>ILB>!@I=>?M?@!MabOLMA-!LI!I=YA@!I ] B!IB!ALQFI!?=N@!IB!IML=QA!!=!LPY!

P=GG/!e#XX\!&-!, \F/! (-!Ra\_/g! 6 FA>! J A?LP=G!L@OA@!!=MA!=?MA@A?->?LKL?O=G@!MAXBMI!>BI!EAL>Q!

XMBXAMGN!IMA=IA?!BM!>BI!IMA=IA?!=I!=GG/!e#XX\!&-!, \F/! (-!Ra\_/g!"MBKL>Q!LEOXMBHA>!L@!PB J J B>GN!O@A?!

=@!!=EG=>YAI!@BGOILB>!IB!>N!>?!=GG! J A?LP=G!L@OA@/!e#XX\!&-!, \F/! (-!Ra\_/g!

RWT/ ! ; AP=O@A! ( MB J A!H=LG@!IB! J AAI!?AI=L>A?!L>?LKL?O=G`@! J A?LP=G!>AA?@!O>?AM!>BM J =G!

PLMPO J @I=>PA@-!IFA! J A?LP=G!@I=HH!=MA!LGG4XMAX=MA?!IB!XMBKL?A!=?AbO=IA! J A?LP=G!IMA=I J A>I= J L?@I!

IFA! ' . 8&74RS!X=>?A J LP/!

RWZ/ ( MB J A!F=@!!=G=MQA!XBXOG=ILB>!>?!L@!BHIA>!BKAMPMB ] ?A?/!e#XX\!&-!, \F/! :-!I!RUS4

a\_g!eBKAMPMB ] ?L>Q!=I! ( MB J Ag/!&' , !P=>!ILQFIGN!?AI=L>!OX!IB!R-\_\_\_!L>?LKL?O=G@!L>!IFA!H=PLGLIN/!

e#XX\!&-!, \F/! (-!TZ\_!eA>?>BIA!RRWg/g! 6 FA>!IFA!XBXOG=ILB>!MA=PFA@!IF=I!>O J EAM-!LI!EAPB J A@!?!=>4

QAMBO@GN!BKAMPMB ] ?A?! ] LIF!R\_\_\_!BM! J BMA!XABXGA!L>!=!XB?! ] LIF!ma!EA?@!\$B!FBO@A!IFA@A!>O J EAM@-!

( MB J A!@OXXGLA@!@I=PY=EGA!EA?@!XG=PA?!EAI ] AA>!EO>YEA?@-!L>!HMB>I!BH!IFA!@FB ] AM@!>?E=IFMBB J @-!

>A\!IB!IFA!XFB>A@-!>?L>!IFA!PB J J B>!IAGAKL@LB>!=MA=!e#XX\!&-!, \F/! (-!RUS/g!#I!GA=@I!B>A!XB?->!

] LIF!RT\_!?!AI=L>AA@-!L@!POMMA>IGN!L>!@OPF!!=!PMB ] ?A?!@I=IA!

RWU/ . KAMPMB ] ?L>Q!=I! ( MB J A!F=@!GA?!IB! J =>N!@=>LI=ILB>!>?!FA=GIF!L@OA@/!e#XX\!&-!

, \F/! (-!Ra\_/g!&I!EAPB J A@!L J XB@@LEGA!IB!=KBL?!FO J =>!PB>I=PI!>?!IFA!O>LI!L@!F=M?AM!IB!YAAX!PGA=>!/!

e#XX\!&-!, \F/! (-!Ra\_/g!

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RWa/ !

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RSR/ 7A@XLIA!IFA! ' . 8&74RS!IFMA=I-!%A@XB>?A>I@!PB>IL>OA!IB!?AI=L>!>A J !XABXGA!=I!  
( MB J A/! '66t#MM=Y!7AP!o!T[!e#XX\!&&-!, \F/! . -!=I!WU4S\_g!

RST/ 5B J A!?AI=L>A?!L>?LKL?O=G@! ] FB!MabOLMA!=??LILB>=G [REDACTED]!  
P=MA!=MA!FBO@A?!L>!IFA! ( MB J A! ; AF=KLB=M=G! <A=GIF!9>LI!ei ; <9 jg-! ] FLPF!L@!@XGLI!L>IB!I ] B!@APILB>@/!  
. >A!O>LI!P=>!FBO@A!TT!XABXGA-! ] FLGA!IFA!BIFAM!P=>!FBO@A!ALQFI!XABXGA/ [REDACTED]!  
[REDACTED]!&>?LKL?O=G@!L>!IFA! ; <9 !INXLP=GGN!@F=MA!=!MBB J ! ] LIF! =>BIFAM!XAM@B>-! =>?!@GAAX!  
GA@!IF=>!@L \ !HAAI!=X=MI!! '66 [REDACTED]!

[REDACTED] \$ ] B!?AI=L>A?!L>?LKL?O=G@!L>!IFA! ; <9!?B!>BI!POMMA>IGN!@F=MA!=!MBB J !  
] FLGA!@GAAXL>Q-!EOI!=MA!L>!PGB@A!PB>I=PI! ] LIF!BIFAM@!L>!IFA!O>LI! ] FA>!L>!PB J J O>=G!=MA=@/! '66 [REDACTED]

[REDACTED]!  
[REDACTED]!!

RSZ/ 7AI=L>A?!L>?LKL?O=G@!L>! ; <9 !=MA!MabOLMA ?!IB!QB!IB!IFA!MAPMA=ILB>!N=M?I ] LPA!=!?=N!  
HBM! =>!FBOM-! ?A@XLIA!PB J XG=L>I@!IF=I!IFA!=MA=!L@!IBB!@ J =GG!IB!=GGB ] !@BPL=G! ?L@I=>PL>Q/! '66t !

!\$FA!QO=M?@!IFMA=IA>!IFA J ! ] LIF!EAL>Q!@A>I!IB!IFA!iFBGA-j!BM!5AQ4  
MAQ=IA?!<BO@L>Q!9>LI-!O>GA@!IFAN!QB!IB!MAPMA=ILB>/ [REDACTED]!

5B J A!?AI=L>A?!L>?LKL?O=G@!HAAG!IFAN!>AA?!IB!QB!L>IB! ?L@PLXGL>=MN!FBO@L>Q!BM!MA J =L>!L@BG=IA?!L>!  
IFALM!MBB J @!IB!XMAKA>I!IFA!ML@Y!BH!L>HAPILB>-!EOI!=MA!PB>PAM>A?!IFALM! J A>I=G!FA=GIF!PB>?LILB>@-!L>4

PGO?L>Q!XB@I4M=O J =ILP!@IMA@! ?L@BM?AM! =>?! J =^BM! ?AXMA@LKA! ?L@BM?AM-! ] LGG! ] BM@A>/ [REDACTED]!  
[REDACTED]!

RSU/ 2A=G@!L>!IFA! ; <9 !=MA!@AMKA?!L>!IFA! ?=NMBB J !IB!=GG! ?AI=L>A?!L>?LKL?O=G@! =I!IFA!  
@= J A!L J A-!EOI!IFAMA!=MA!B>GN!I ] B!I=EGA@! =>?!HA ] !PF=LM@-! =>?!@B J A!F=KA!IB!@LI!B>!IFA!HGBBM!IB!A=I!

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[REDACTED]!

[REDACTED]!\$FA!I=EGA@!>=?!I ] B!XFB>A@!L>!IFA!?=NMBB J !IF=I!=GG!

?AI=L>A?!L>?LKL?O=G@!L>! ; < 9 !O@A!=MA!>BI!EAL>Q!PGA=>A?/[REDACTED]!

[REDACTED]

[REDACTED]!\$FAN!B>GN!F=KA!IBLGAI!X=XAM!=K=LG=EGA!IB!PGA=>!IFA!I=EGA@!L>!IFA!PB J J B>!=MA=-!>=?!B>A! J =>!

MAXBMI@!O@L>Q!IBLGAI!X=XAM!IB!PGA=>!FL@!MBB J /! '66[REDACTED]!

[REDACTED]! ( MB J A!@I=HH!EML>Q!HBB ?!L>!=!P=MI!IB!IFA!O>LI!HBM!=GG!

J A=G@-!EOI!?!B!>BI! ] A=M! J =@Y@!BM!QGBKA@!?!A@XLIA!MabOA@I@!HMB J !IFA!?!AI=L>A?!XBXOG=ILB>!IB!?!B!@B/!

[REDACTED]!\$FA!QO=M?@!G=QQF!=I!IFA@A!MabOA@I@/[REDACTED]!

[REDACTED]!!

RSa/ 7 AI=L>A?!L>?LKL?O=G@!MA!MabOA@IL>Q!H=PA! J =@Y@-!EOI!@I=HH!F=KA!>BI!XMBKL?A?!IFA J !  
=>?!F=KA!@=L?!IFAN!=MA!>BI!>APA@@=MN!HBM!?!AI=L>AA@!BM!=MA!B>GN!HBM!BHHLPA@! '66 6 =M@=>A! 7 AP!/o!Ta!  
e#XX\!&&-! , \F!/y-!-I!SW4R\_agl!<=@=>! 7 AP!/o!RS4T\_!e#XX\!&&-! , \F!/%-!-I!R\_m4RTgI!#MM=Y! 7 AP!/o!Ra-!  
TR!e#XX\!&&-! , \F!/! . -!-I!WU4S\_gI! : =M=F! 7 AP!/o!RR!e#XX\!&&-! , \F!/! "-!-I!SR4S [g/!

RSm/ 5B=X!F=@!>BI!EAA>!MA=?!GN!=K=LG=EGA-!>=?!@B J A!L>?LKL?O=G@!F=KA!>BI!EAA>!-EGA!IB!  
@FB ] AM!O>GA@@!IFAN!F=?!HO>?!IB!XOMPF=@A!@B=X!HMB J !PB J J L@=@MN! 6 =M@=>A! 7 AP!/o!R [!e#XX\!&&-!  
, \F!/y-!-I!SW4R\_agl!<=@=>! 7 AP!/o!RR-!RZ!e#XX\!&&-! , \F!/%-!-I!R\_m4RTgI!#MM=Y! 7 AP!/o!W-!TZ!e#XX\!  
&&-! , \F!/! . -!-I!WU4S\_gI! : =M=F! 7 AP!/o!T\_!e#XX\!&&-! , \F!/! "-!-I!SR4S [g/! , KA>! ] FA>!XOMPF=@A?-.?!A4  
I=L>A?!L>?LKL?O=G@!MA!>BI!EAL>Q!QLKA>!IFA@A!LIA J @!HBM!@AKAM=G!?!N@!>=?!MA!MO>>L>Q!BOI!BH!A@@A>4  
IL=G@!GLYA!@B=X!>=?!@F= J XBB! 6 =M@=>A! 7 AP!/o!RW!e#XX\!&&-! , \F!/y-!-I!SW4R\_agl!<=@=>! 7 AP!/o!RR!  
e#XX\!&&-! , \F!/%-!-I!R\_m4RTgI! : =M=F! 7 AP!/o!T\_!e#XX\!&&-! , \F!/! "-!-I!SR4S [g/!<=>?!@=>LILKAM!=XXA=M@!  
IB!EA!B>GN!=K=LG=EGA!IB!>OM@A@-! ] FB!@B J AIL J A@!@XM=N!@=>LILKAM!B>!?!AI=L>A?!L>?LKL?O=G@!F=>?@!



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] FA>!IFAN!=MA!MAPALKL>Q! J A?LP=ILB>! '66 [REDACTED] !

[REDACTED] !

RS [/ &>?LKL?O=G@!I=YL>Q!XMA@PMLXILB>! J A?LP=ILB>!@AA!>OM@A@!I ] LPA!=!?=N-IL>!IFA! J BM>L>Q!  
=>?!AKA>L>Q/[REDACTED] ! 1 OM@A@!=MA!>BI!PB>@L@IA>IGN! ] A=M4  
L>Q!QGBKA@!BM! J =@Y@! ] FA>!?L@XA>@L>Q! J A?LP=ILB>!BM!PFAPYL>Q!LH!IFA!XAM@B>!F=@!@ ] =GGB ] A?!IFA!  
J A?LP=ILB>/[REDACTED] /! ) O=M?@!X=I!?B ] >!?AI=L>A?!L>?LKL?4  
O=G@!@AKAM=G!IL J A@!!=?N!>=?!B!@F=YA?B ] >@!BH!EA?MBB J @!IFMAA!IL J A@!XAM!?=N!EOI!?B!>BI!=G ] =N@!  
] A=M!QGBKA@!BM! J =@Y@/! 6 =M@=>A! 7 AP!/o!TS!e#XX\!&&-! , \F!/y-!-I!SW4R\_agl!<=@=>! 7 AP!/o!TZ-!TU!  
e#XX\!&&-! , \F!/%-!-I!R\_m4RTgl!#MM=Y! 7 AP!/o!RW!e#XX\!&&-! , \F!/ . -!-I!WU4S\_gl! : =M=F! 7 AP!/o!RT4RU!  
e#XX\!&&-! , \F!/ "-!-I!SR4S [g/!#MBO>?!#XMLG!W-!HLKA!QO=M?@! ] AMA!@A>I!FB J A! ] FLGA!BIFAM@!=MA! ] BMY4  
L>Q!BKAML J A/! 6 =M@=>A! 7 AP!/o!ZZ!e#XX\!&&-! , \F!/y-!-I!SW4R\_agl!<=@=>! 7 AP!/o!TR-!TW!e#XX\!&&-!  
 , \F!/%-!-I!R\_m4RTgl! : =M=F! 7 AP!/o!Rm!e#XX\!&&-! , \F!/ "-!-I!SR4S [g/!

RSW/ \$FA!>O J EAM!BH!XABXGA!L>! =GG!BH!IFA!QA>AM=G!XBXOG=ILB>!O>LI@!L@!FLQF-!>?!>A ] !?A4  
I=L>A?!L>?LKL?O=G@!F=KA!PB>IL>OA?!IB!PB J A!L>!BKAM!IFA!X=@I!HA ] ! ] AAY@/! '66& 7 =M ] N>! 7 AP!/o!me^g!  
e#XX\!&&-! , \F!/ , -!-I!Z\_4ZUgl!\$BGA>IL>B! 7 AP!/o!m-!RR!e#XX\!&&-! , \F!/5-!-I!RRZ4R [gl!\$AXAI=IA4 2 =M4  
IL>Ak! 7 AP!/=-I!o!Ra!e#XX\!&&-! , \F!/\$-!-I!RRW4TZgl! ) =NGA! 7 AP!/=-I!o!RR!e#XX\!&&-! , \F!/ ; -!-I!R\_4RU!gl!  
#ML=@4 2 =MIL>Ak! 7 AP!/=-I!o!R\_!e#XX\!&&-! , \F!/ ' -!-I!Ra4TRgl! ( F=>! 7 AP!/=-I!o!WeYg!e#XX\!&&-! , \F!/+-!-I!  
mW4 [ Ug/! " AILLB>AM!#X=MLPLB!F=@!@AA>!=EBOI!Ra!>A ] !?AI=L>A?!L>?LKL?O=G@!L>!FL@!O>LI!L>!IFA!G=@!I ] B!  
] AAY@/! '66& #X=MLPLB! 7 AP!/o! [ !e#XX\!&&-! , \F!/ : -!-I!Za4ZSg/!!

RSS/ #@!MAPA>IGN!=@!#XMLG!U-!T\_T\_-!>A ] !?AI=L>A?!L>?LKL?O=G@!F=KA!EAA>!IM=>@HAMMA?!IB!  
( MB J A!>=?! ] AMA!>BI!EAL>Q!IA@IA?!IB?!AIAM J L>A! ] FAIFAM!IFAN!F=KA! ' . 8 & 74RS/! '66&0=GGBF! 7 AP!/o!  
RZ!e#XX\!&&-! , \F!/ 7 -!-I!TT4TSgl!" BMOB>?B! 7 AP!/=-I!o!RZ!e#XX\!&&-! , \F!/ #-!R4Sg/!!

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T\_\_/ #I!GA=@II ] B!BH!IFA!?AI=L>A?!L>?LKL?O=G@!MAPA>IGN!IM=>@HAMMA?!IB! ( MB J A!F=?!HAKAM@-!  
B>A!BH! ] FB J ! ] =@!KL@LEGN!@F=YL>Q!L>!IFA!?L>L>Q!MBB J /! ; BIF! ] AMA!AK

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T\_/[ 6 FA! ?AI=L>A?!L>?LKL?O=G@!IMN!IB! J =YA!IFALM!B ]>! J =@Y@-!IFAN!=MA!IBG?!IFAN!=MA!>BI!  
=GGB ] A?!IB!PBKAM!IFALM!H=PA@! '66#X=MLPLB! 7 AP!o! [!e#XX\!&&-!, \F/! : -! =I!Za4ZSg! , @PBE=M! 7 AP!o!W!  
e#XX\!&&-!, \F/! < -! =I!U[4aRg/!!

T\_W/ \$FAMA!L@!>B!F=>?!@=>LILkAM!=K=L@=EGA!L>!IFA!PB J J B>!=MA=/'66!"BMOB>?B! 7 AP! =I!o!  
T\_le#XX\!&&-!, \F/! #-!R4Sg! #GH=MB! ) =MPL=! 7 AP! =I!o!RR!e#XX\!&&-!, \F/! ( -! =I!mR4m[g! \$AXAI=IA4 2 =M4  
IL>Ak! 7 AP! =I!o!W!e#XX\!&&-!, \F/! \$-! =I!RRW4TZg! 7 =M ] N>! 7 AP!o!ae?g!e#XX\!&&-!, \F/! , -! =I!Z\_4ZUg!  
' F=Kak! 7 AP! =I!o!Rm!e#XX\!&&-!, \F/! ) -! =I!U\_4Umg! 7 AI=L>A?!L>?LKL?O=G@!F=KA!MAXBMA?!@AAL>Q!IFA!  
QO=M?@! ] LIF!F=>?!@=>LILkAM!EOI! ?AI=L>A?!L>?LKL?O=G@! =MA!>BI! =GGB ] A?!IB!O@A!LI/ '66!" BMOB>?B! 7 AP!  
=I!o!T\_le#XX\!&&-!, \F/! #-!R4Sg! ' F=Kak! 7 AP! =I!o!Rm!e#XX\!&&-!, \F/! ) -! =I!U\_4Umg/!!

T\_S/ \$FAMA!L@!F=>?!@=>LILkAM!L>!IFA!>OM@A`@! =MA= ] FAMA! ?AI=L>A?! J A>!MAPALKA! J A?LP=4  
ILB>/'66 [REDACTED] !<B ] AKAM-! ?AI=L>A?!L>?LKL?O=G@! =MA!  
B>GN! =GGB ] A?!B>A!@bOLMI! ] FA>!MAPALKL>Q! J A?LP=ILB>/'66 [REDACTED]  
[REDACTED] !!

TR\_/ 9>ILG!MAPA>IGN-! ( MB J A!@I=HH! ] AMA!>BI! ] A=ML>Q! J =@Y@!BM!QGBKA@/'66!" BMOB>?B!  
7 AP! =I!o!Tale#XX\!&&-!, \F/! #-!R4Sg! #E?OG!O=GGBF! 7 AP!o!Tale#XX\!&&-!, \F/! 7 -! =I!TT4TS!g!" AMAk!  
+L J B>A@! 7 AP! =I!o!RR!e#XX\!&&-!, \F/! 2 -! =I! [ a4[Wg! ' F=Kak! 7 AP! =I!o!TR!e#XX\!&&-!, \F/! ) -! =I!U\_4  
Umg! 5B J A!BHHLpAM@!@ILGG!H=L@!IB! ] A=M!QGBKA@!BM! J =@Y@/'66! 6 =M@=>A! 7 AP!o!TR-!TS!e#XX\!&&-!, \F/!  
y -! =I!SW4R\_agl! <=@=>! 7 AP!o!TZ-!TU!e#XX\!&&-!, \F/! % -! =I!R\_m4RTg! #MM=Y! 7 AP!o!RWI! : =M=F! 7 AP!o!  
RT4RU!e#XX\!&&-!, \F/! ) -! =I!SR4S [g! " BMOB>?B! 7 AP! =I!o!Tm!e#XX\!&&-!, \F/! #-!R4Sg! ' F=Kak! 7 AP! =I!  
o!TT!e#XX\!&&-!, \F/! ) -! =I!U\_4Umg! ) O=M?@! =MA!@AA>!IBOPFL>Q!IFALM!H=PA@! =>?!IFA>!IFL>Q@!L>!IFA!  
XB?@-!@OPF! =@!XABXGA-!HBB? !IM=N@! =>?!BIFAM!LIA J @!L>!IFA!GLKL>Q! =MA=-! =>?!IFAN! =MA!>BI!BE@AMKA?!  
] =@FL>Q!IFALM!F=>?!@!BHIA>/'66#E?OG!O=GGBF! 7 AP!o!Tm4TW!e#XX\!&&-!, \F/! 7 -! =I!TT4TSg! #GH=MB!

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)=MPL=!7AP/!=I!oo!R\_4RR-!RU!e#XX\!&&-!, \F/! (-! =I!mR4m[g!\$AXAI=IA4 2 =MIL>Ak!7AP/!=I!oo!RZ4RU!

e#XX\!&&-!, \F/!\$-!=I!RRW4TZg!7=M]N>!7AP/!o!meFg4eLg!e#XX\!&&-!, \F/!, -!=I!Z\_4ZUgI! "BMI OB>?B!7AP/!

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TRU/ #@!BH!#XMLG![-!T\_T\_?!AI=L>A?!L>?LKL?O=G@!F=KA!F=?!IFALM!\$ 8@-!XFB>A@-!>?!I=EGAI@!  
PB>HL@P=IA?/'66!"BMOB>?B!7 AP/!=I!o!RS!e#XX\!&&-!, \F/!#-!R4Sg/! 1 B!O>LI! ] LIFL>! ( MB J A!L@!=GGB ] A?!  
IB! ] =IPF!\$ 8/& '66!"BMOB>?B!7 AP/!=I!o!RS!e#XX\!&&-!, \F/!#-!R4Sg/!#GH=MB! ) =MPL=!7 AP/!=I!o! [!e#XX\  
&&-!, \F/! ( -!I!mR4m [g! '66&7=M ] N>!7 AP/!o!W!e#XX\!&&-!, \F/! , -!I!Z\_4ZUg/!

TRa/ #!MAPA>I!A J AMQA>PN!IF=I! ] =@!>>BO>PA? !BKAM!IFA!@XA=YAM@!=I! ( MB J A! ] =@! ?OA!IB!  
' . 8&74RS/! '66&#E?OG!0=GGBF!7 AP/!o!TS!e#XX\!&&-!, \F/!7 -!I!TT4TSg/!

TRm/ .>!#XMLG![-!@B J A! ?AI=L>A?!L>?LKL?O=G@!M=L@A?!PB>PAM>@!=EBOI!PB>?LILB>@!>?!HA=M@!  
BH! ' . 8&74RS!>?!QO=M?@!EAQ=>!EA=IL>Q!IFA J /! : GBMA@!%= J B@!7 AP/!o!T\_!e#XX\!&&-!, \F/!9 -!I!RTU4  
Z\_g/! . >A!XAM@B>! ] =@!YLPYA? !L>!IFA!MLE@!=GIFBOQF!FA! ] =@!>BI!= J B>Q!IFB@A! J =YL>Q!PB J XG=L>I@!  
: GBMA@!%= J B@!7 AP/!o!T\_!e#XX\!&&-!, \F/!9 -!I!RTU4Z\_g/!\$FA!QO=M?@!=MA!>BI!=GGB ] L>Q! ?AI=L>A?!XAB4  
XGA!IB!PB>I=PI!IFALM!=IIBM>AN@-! ] FLPF!IF=I! J =>!EAGLAKA@!L@!MAI=GL=ILB>L>!MA@XB>@A!IB!IFA@A!PB J 4  
XG=L>I@/! : GBMA@!%= J B@!7 AP/!o!TR!e#XX\!&&-!, \F/!9 -!I!RTU4Z\_g/!

TR[/ 5L>PA!IFA! ' . 8&74RS!BOIEMA=Y!=I! ( MB J A-!IFAMA!F=@!EAA>!>?!APMA=@A!L>! J A?LP=G!  
@I=HH/! '66 [REDACTED] !\$FAMA!F=@!EAA>!>B!L>PMA=@A!L>!  
@PMAA>L>Q@/& '66 [REDACTED] !7 AI=L>A?!L>?LKL?O=G@! ] FB!MabOA@I!  
AK=GO=ILB>!>?!IB!@AA!=! ?BPIBM!F=KA!F=?!IFALM!MabOA@I! ?A>LA?/& '66 [REDACTED] !  
[REDACTED] !

TRW/ 6 FA>!@B J AB>A!L@!@LPY! ] LIF!PBG?!@N J XIB J @-!IFAN! J O@I! ] =LI!HLKA!IB!ALQFI! ?=N@!EA4  
HBMA!IFAN!P=>!@AA!=! ?BPIBM/! '66 [REDACTED] !  
[REDACTED] ! 6 FA>!BIFAM!

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?AI=L>A?!L>?LKL?O=G@!=MA!I=YA>!BOI!BH!IFA!XB?@!HBM!PBOQFL>Q!BM!L@@OA@! ] LIF!EMA=IFL>Q-!IFA!BIFAM!?A4

I=L>A?!L>?LKL?O=G@!=MA!>BI!IBG?! ] FAIFAM!IFAN!F=KA!EAA>A\XB@A?!IB! ' . 8&74RS/!'66& !

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TRS/ #!?AI=L>A?! J =>! ] =@!@LPY! ] LIF!=!PBOQF!=>?!MAbOA@IA?!IB!@AA!=! ?BPIBM-!EOI! ] =@!IBG?!

IF=I!FA! ] =@!>BI!=!XMLBMLIN/!'66& !<A! ] =@!>BI!

L@BG=IA?!HMB J !IFA!MA@I!BH!IFA!XB?/!)B ' 6 6 & !

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IB!IFA!PMB J ?A?!H=PLGLIN!L>! 2 L= J L!F=?!IFA!@FAMLHH!'@!BHHLPA!O>A=@N!BKAM!IFA!XB@@LELGLIN!IF=I!IFA!

PBMB>=KLMO@!PBOG?!A=@LGN!EA!IM=>@ J LIIA?/j!e#XX\!&-!, \F/!y -!ZZm4UR/g!

TTU/ .>!#XMLG!W-!T\_T\_-!IFA!#@L@I=>I!:LAG?! . HHLPA!+L=>=!O! '=@I=>B!@I=IA?!L>!=!?APG=M=4

ILB>!IB!IFL@!PBOMI!IF=I! ( MB J A!F=?!Z!P=@A@!BH!G=EBM=IBM!PB>HLM J A?!XB@LILKA@!HBM! ' . 8&74RS!

= J B>Q@I!@I=HH!=>?!=?AI=L>A?!L>?LKL?O=G-!=>?!IF=I!@I!GA=@I!TZW?!AI=L>A?!L>?LKL?O=G@! ] AMA!A\XB@A?!

IB!=!PB>HLM J A?!P=@A!BH! ' . 8&74RS/!e#XX\!&-!, \F/!&-!I!RTZ4TTU!o!RT/g!\$FA@A!TZW!L>?LKL?O=G@! ] FB!

F=KA!EAA>!A\XB@A?!IB!=!XAM@B>!PB>HLM J A?!IB!F=KA! ' . 8&74RS!=MA!EAL>Q!XG=PA?!L>!iPBFBI@! ] LIF!

MA@TMLPIA?! J BKA J A>L/j!e#XX\!&-!, \F/!&-!I!RTZ!o!R\_/g!

TTa/ \$FA!?=N!EAHBMA-!L>KA@ILQ=IL>Q!HMB J !IFA! 2 L= J L!<AM=G?! ]=@!MAGA=@A?! ] FLPF!@OQQA@I@!

IF=I!IFA!>O J EAM!BH!XABXGA! ] LIF!IFA!KLMO@!L!O>?AMMAXBMIA?!=>?!i!r>BI!PB J XGAIAGN!=PPOM=IA!=@!IA@I4

L>Q!L@!>BI!PB>?OPIA?!B>!@LIA!=>?!?AI=L>A?!L>?LKL?O=G@!=MA!@A>I!IB!=>!BHH4@LIA!FB@XLI=G!IB!EA!IA@IA?-'!

j!=PPBM?L>Q!IB!=!HA?AM=G!BHHLPL=G!L>IAMKLA J A?!EN!IFA!<AM=G?!!e#XX\!&-!, \F/!7 -!I!UR/g!!

TTm/



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:GBML?=-!L>PGO?L>Q! ; MB ] =M?!\$M=>@LILB>=G! ' A>IAM! =>?! ) G=?A@! ' BO>IN! 7 AIA>ILB>! ' A>IAM-!P=>!EA!  
=KBL?A?/j!e#XX\!&-! , \F/!%-!=I!ZUT4UZ/g!\$FA@A! J A J EAM@!BH! ' B>QMA@@!A\XMA@@A?!IF=I!IFAN! ] AMA!  
i?AAXGN?!L@IOMEA?!EN!&' , `@!PB>IL>OA?!=PILKLN!IB!IM=>@HAM! =>?!?AI=L>!G=MQA!QMBOX@!BH!L J J LQM=>I@!  
L>!IFA! J L?@I!BH!=!QGBE=G!X=>?A J LP-!A@XAPL=GGN!=I!=!H=PLGLN! ] FAMA! ?AI=L>AA@! =>?!A J XGBNAA@!F=KA!  
IA@IA?!XB@LILKA/j!e#XX\!&-! , \F/!%-!=I!ZUTg!!

TTW/ \$FA@A!HBOM! J A J EAM@!BH! ' B>QMA@@!=G@B!@I=IA?!IF=I!isLtI!L@!O>?L@XOIA?!IF=I!^=LG@-!XML@4  
B>@-! =>?!?AIA>ILB>!PA>IAM@!=MA!FLQFGN!KOG>AM=EGA!IB! ' . 8 & 7 4RSp! ?OA!IB!IFA!H=PI!IF=I!isAtHHAPILKA!  
@BPL=G! ?L@I=>PL>Q!L@!=G J B@I!L J XB@@LEGA! =>?!>APA@@=MN! ?L@L>HAPI=>I!L@!M=MAGN!=K=LG=EGA!IB! ?AI=L>AA@-j!  
=>?!A@XAPL=GGN!@B!QLKA>!IF=I!IFA!@LIO=ILB>!L>!i ( MB J A!L@!X=MILPOG=MGN!=G=M J L>Q!L>!IFL@!MA@XAPIj!L>!  
GLQFI!BH!MAXBMIA?!iBKAMPMB ] ?A?!PB>?LILB>@!AKA>!XMLBM!IB!IFA!L J X=PI!BH! ' . 8 & 7 4RS/j!e#XX\!&-! , \F/  
%-!=I!ZUT/g!!\$FAN!=G@B!=?A?!IF=I!iLI!=XXA=M@!IF=I! ( MB J A!L@!>BI!=I!=GG!XMAX=MA?!IB! J LILQ=IA!A\XB4  
@OMA!IB! ' . 8 & 7 4RS-!BM!IB!=?AbO=IAGN!MA@XB>?!@FBOG?!=>!BOIEMA=Y! =I!IFA!H=PLGLN!BPPOM!\$FA@A!L@4  
@OA@! =MA!B>GN!PB J XBO>?A?!EN!IFA!H=PI!IF=I! ' . 8 & 7 4RS!F=@!>B ] !MA=PFA?! ( MB J A/j!e#XX\!&-! , \F/  
%-!=I!ZUT4UZg!

TTS/ !5I=HH!=I! ( MB J A!=MMLKA! =>?!GA=KA!B>!=!@FLHI!E=@L@-! =>?!IFAMA!L@!GL J LIA?! =ELGLN!IB! =?4  
AbO=IAGN!@PMAA>!L>PB J L>Q!@I=HH!HBM!>A ] -! =@N J XIB J =ILP!L>HAPILB>!5I=HH!QA>AM=GGN!GLKA!L>!IFA!PB J 4  
J O>LILA@!>A=M!IFA@A!H=PLGLILA@ q =MA=@! ] FAMA!IFAMA! =MA!PB>HLM J A?P=@A@!BH! ' . 8 & 7 4RS/!!!

TZ/\_ !\$FA!BOIEMA=Y! =I! ( MB J A!F=@! =HHAPIA?!IFA!L J J LQM=ILB>!PBOMI!FBO@A?! =I!IFA!H=PLGLN!  
=>?!MO>!EN!IFA! , \APOILKA! . HHLPA!HBM!& J J LQM=ILB>!%AKLA ] !ei , . &%jg/! ( MB J A!& J J LQM=ILB>! ' BOMI!L@!  
=PPA@@A?!IFMBOQF!IFA!@= J A!GBEEN! =@!IFA! ?AIA>ILB>!PA>IAM! !OO?QA@-!PBOMI!@I=HH-! =>?!EBIF!QBKAM>4  
J A>I! =>?!?AHA>@A! =IIBM>AN@!F=KA!A\XMA@@A?!PB>PAM>! =EBOI!IFALM!@ =HAIN! =>?!FA=GIF!!

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TZR/ .>! 2 =MPF!TT-!T\_T\_-!IFA! 1 =ILB>=G!#@@BPL=ILB>!BH!& J J LQM=ILB>!00?QA@!ei 1 #&0jg-!  
IFA!& ' ,!"MBHA@LB>=G@!9>LB>!ei& ' ,!9>LB>jg-!>?!IFA!# J AMLP=>!& J J LQM=ILB>!+= ] NAM@!#@@BPL=4  
ILB>!ei #&+ # jg-! ] MBIA!!=^BL>I!@I=IA J A>I! ?A J =>?L>Q!IF=I! , . &%!PGB@A!=GG!BH!IFA!L J J LQM=ILB>!PBOMI@!  
>=ILB> ] L?A-!>?!@I=IL>Q-! = J B>Q!BIFAM!IFL>Q@-!IF=IC!!

\$FA!7 . 0`@!POMMA>I!MA@XB>@A!IB!IFA! ' . 8&74RS!X=>?A J LP!>?!LI@!@XMA=?!L@!L@PB>>APIA?!  
HMB J !IFA!>AA?@!>?! =?KLP!BH!PB J J O>LIN!GA=?AM@!>?!@PLA>ILHLP!A \XAMI@/!!\$FA!& J J LQM=ILB>!  
' BOMI@!=MA!A@XAPL=CGN!KOG>AM=EGA!IB!IFA!@XMA=?!BH!IFA! ' BMB>=KLMO@/!! , KAMN!GL>Y!L>!IFA!PF=L>!  
IF=I!EML>Q@!L>?LKL?O=G@!IB!IFA!PBOMI-!HMB J !IFA!O@A!BH!XOEGLP!IM=>@XBMI=ILB>-!IB!@APOMLIN!GL>A@-!  
PMB J ] ?A?!AGAK=IBM@-!F=GG ] =N@-!IFA!PM= J XA?!POELPGA!@X=PA@!BH!PBOMI!@I=HH-!L>=?AbO=IA! ] =LI4  
L>Q!MBB J !H=PLGLILA@!L>!IFA!PBOMIFBO@A@-!>?!@P=>!@=>LILK!>Q!MA@BOMPA@! =I!IFA!PBOMI-! =GG!  
XG=PA!GLKA@! =I!ML@Y!!!&>?LKL?O=G@! ] FB!L> ] J =>N!L>@I=>PA@!F=KA! ] =LIA?!NA=M@!HBM! =!FA=ML>Q!  
J =N! =G@B!HAAG!XMA@OMA? !IB! =XXA=M!h!AKA>!LH!IFAN!HAAG!@LPY-!HBM!HA=M!BH!EAL>Q!BM?AMA?!?A4  
XBMA?!/!

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e#XX\!&-!, \F/!5-! =I!ZUa4U[-!ZUmg!  
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TZT/ .>! 2 =MPF!Tm-!T\_T\_-!IFA! 1 #&0-!IFA!& ' ,!9>LB>-!#&+ #-!>?! =! J OGILIO?A!BH!BIFAM!BM4  
Q=>Lk=ILB>@! ] MBIA! =!GAIIAM! ?LMAPIGN!IB! #IIBM>AN! ) A>AM=G! ; =MM! ?A J =>?L>Q!IFA!PGB@OMA!BH! =GG!L J J L4  
QM=ILB>!PBOMI@!>=ILB> ] L?A-!>?!@I=IL>Q!IF=I!i?AI=L>A?!PBOMI@! J O@I! =G@B!EA!PGB@A?!IB!L>4XAM@B>!  
FA=ML>Q@!L>!BM?AM!IB! J L>L J LkA!IFA!@XMA=?!BH!IFA!KLMO@-!@GB ] !IFA!M=IA!BH!>A ] !L>HAPILB>@-!>?!IB!  
=KBL?!BKAM ] FAG J L>Q!GBP=G!MA@BOMPA@/j!!e#XX\!&-!, \F/!\$-! =I!ZUW4aRg!!

TZZ/ .>! 2 =MPF!Z\_-!T\_T\_-!IFA! 1 #&0!L@OA?!>!=? ?LILB>=G!@I=IA J A>I!!\$FA!@I=IA J A>I!EA4  
QL>@!EN!bOBIL>Q! =!iPOMMA>I!L J J LQM=ILB>!O?QA! ] FB!L@! =!9/5! J LGLI=MN!KAIAM=>j!@I=IL>QC!

&! ?B>dl!@=N!IFL@!GLQFIGN-!EOI! , . &%!F=@! ?A J B>@IM=IA?!IF=I!IFAN!>AA?!IB!EA!QOIIA?!>=?!MAEOLGI!  
HMB J !IFA! =@FA@/!!&kA!>AKAM! ] LI>A@@A?!>?!OIIAM!G=PY!BH!PB>PAM>!HBM!XABXGA!GLYA!&!F=KA!FAMA!!  
&>! J N!HBM J AM!GLHA-! ] A!IMA=IA?!P=XIOMA?!\$=GLE=>!>?!&5&5! ] LIF! J BMA!FO J =>LIN!! 2 BMABKAM-!  
&kA!>AKAM!>AA> ] BM@A!GA=?AM@FLX!!#!PML@L@!O@O=GGN!EML>Q@!QBB?!>?!E=?!IB!IFA!GLQFI!! 6 A!  
F=KA!>BIFL>Q!EOI! ?=MY>A@@/!!

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e#XX\!&-!, \F/!9-! =I!ZaT4am-!ZaTg!  
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TZS/ 2 =>N! ?AI=L>A? !L> ?LKL?O=G@!F=KA!A\XAMLA>PA?!@LQ>LHLP=>I!IOM>BKAM!BH!PAGG J =IA@-!  
F=KL>Q!OX!IB!@L\!BM!@AKA>!>A J !PAGG J =IA@!@L>PA!IFALM! ?AIA>ILB>L>! ) G=?A@/k '66! 7=LMB>! ; =MMA?B!  
5=>PFak! 7 AP!/o!m!e#XX\!&&-! , \F!/ 8-! =I!RZR4ZWg! ) AM=M?B! 8=MQ=@! 7 AP!/o!m!e#XX\!&&-! , \F!/ \* -! =I!  
RaR4amg! \$=FL J L!" AMAk!o!S!e#XX\!&&-! , \F!/ 6 -! =I!RZS4UUg! : M=>YGL>!% = J B>! ) B>k=Gak!o!m!e#XX\!&&-!  
, \F!/V-! =I!RUa4a\_g!

TU\_/\_ \$FAMA! =MA! =XXMB\ L J =IAGN!Sa! ?AI=L>A? !L> ?LKL?O=G@!L> !=XB? ! =I! =IL J A/ '66! 7=LMB>!  
; =MMA?B! 5=>PFak! 7 AP!/o!R [!e#XX\!&&-! , \F!/ 8-! =I!RZR4ZWg! : M=>PL@PB!%LKAMB! 8=GAMB>! 7 AP!/o! [!  
e#XX\!&&-! , \F!/ 3-! =I!Ra [4mTg! \$FA!XB?@! =MA!@B!PMB ] ?A? -!IF=I!@BPL=G! ?L@I=>PL>Q! =I! =!@=HA!@L\!HAAI!  
?L@I=>PA!L@!L J XB@@LEGA-!A@XAPL=GGN! ] LIF!IFA!PB>@I=>I!L>HGO\!BH! ?AI=L>A? !L> ?LKL?O=G@/! '66! 7=LMB>!  
; =MMA?B! 5=>PFak! 7 AP!/o!RT!e#XX\!&&-! , \F!/ 8-! =I!RZR4ZWg! ) AM=M?B! 8=MQ=@! 7 AP!/o!m!W!e#XX\!&&-!  
, \F!/ \* -! =I!RaR4amg!&MKL>! 2 A>?Bk=!5LGL@! 7 AP!/o!m!e#XX\!&&-! , \F!/ # # -! =I!RmZ4m [g! : M=>PL@PB!  
%LKAMB! 8=GAMB>! 7 AP!/o! [!e#XX\!&&-! , \F!/ 3-! =I!Ra [4mTg! \$=FL J L!" AMAk!o!RZ!e#XX\!&&-! , \F!/ 6 -! =I!  
RZS4UUg! : M=>YGL>!% = J B>! ) B>k=Gak!o!RR!e#XX\!&&-! , \F!/V-! =I!RUa4a\_g!

TUR/ #GG! ?AI=L>A? !L> ?LKL?O=G@!L> !=XB? ! =G@B!@F=MA!PB J J O>=G!E=IFMBB J @! => ?!@FB J AM@-!  
] FLPF! ?B!>BI!F=KA!@L\!HAAI!BH! ?L@I=>PA!EAI ] AA>!IFA J -! J =YL>Q!LI!L J XB@@LEGA!IB! J =L>I=L> !=!@=HA!@B4  
PL=G! ?L@I=>PA!AKA> ] FLGA!O@L>Q!IFA!MA@IMBB J !BM!E=IFL>Q! '66! 7=LMB>! ; =MMA?B! 5=>PFak! 7 AP!/o!RZ!  
e#XX\!&&-! , \F!/ 8-! =I!RZR4ZWg! ) AM=M?B! 8=MQ=@! 7 AP!/o!m!e#XX\!&&-! , \F!/ \* -! =I!RaR4amg! : M=>YGL>!  
% = J B>! ) B>k=Gak!o!m!e#XX\!&&-! , \F!/V-! =I!RUa4a\_g!

TUT/ 9>GLYA! ; \$ ' !BM! ( MB J A-!IFAMA!L@!>B!P=HAIAML=/! 7 AI=L>A? !L> ?LKL?O=G@!A=I!L>!IFA!PB J 4  
J O>=G!@A=IL>Q! =MA=IL>!IFALM!XB? -!Y>B ] > !=@!i @ =IAGGLIA!HAA?L>Q/j!e#XX\!&&-! , \F!/ ( -! =I!RmT/g! \$FA!I=4  
EGA@!O@A? !HBM!A=IL>Q! => ?! ? =LGN!GLKL>Q!O@O=GGN!@A=I!HBOM!XABXGA-!EOI! ?OA!IB!BKAMPMB ] ?L>Q-!IFAN! =MA!  
>B ] !@A=IL>Q!HLKA!IB!@L\!XABXGA! =I! =IL J A/ '66! ) AM=M?B! 8=MQ=@! 7 AP!/o! [!e#XX\!&&-! , \F!/ \* -! =I!RaR4

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amg/!#@!=!MA@OGI-!IFAMA!L@!B>GN!=EBOI!U\_!IB!a\_!PA>IL J AIAM@!BH!@AX=M=ILB>!EAI ] AA>! ?AI=L>A?!L>?LKL?O4  
=G@! ] FA>!IFAN!=MA!A=IL>Q!=I!IFA!I=EGA@/! '66! : M=>PL@PB!%LKAMB! 8 =GAMB>! 7 AP!/o! [ !e#XX\!&&-! , \F/!3-!=I!  
Ra [4mTg/!

TUZ/ 1 A ] !?AI=L>A?!L>?LKL?O=G@!=MMLKA!=I! ) G=?A@!AKAMN! ?=N-!@B J A!=GMA=?N!A\FLELIL>Q!HGO!  
GLYA!@N J XIB J @!GLYA!PBOQFL>Q/! '66! [REDACTED] g/!\$FAMA!  
L@!>B!L>?LP=ILB>!IF=I!>A ] !?AI=L>A?!L>?LKL?O=G@!=MA!IA@IA?!HBM! ' . 8 & 7 4RS!BM!MBOIL>AGN!bO=M=>IL>A?!  
EAHBMA!EAL>Q!XG=PA?!L>!IFA!XB?! ] LIF!IFA!MA@I!BH!IFA! ?AI=L>A?!L>?LKL?O=G@/!)B!e#XX\!&&-! , \F/! ; ; -!=I!  
RmW4 [Tg! 7 =LMB>! ; =MMA?B!5=>PFak! 7 AP!/o!S!e#XX\!&&-! , \F/! 8 -!=I!RZR4ZWg! : M=>PL@PB!%LKAMB! 8 =GA4  
MB>! 7 AP!/o!RR!e#XX\!&&-! , \F/!3-!=I!Ra [4mTg!\$=FL J L!"AMak! 7 AP!/o!R\_!e#XX\!&&-! , \F/! 6 -!=I!RZS4  
UUg/!

TUU/ &>!=GG!@L\!XB?@-!L>?LKL?O=G@!@F=MA! J =>N!PB J J B>!@X=PA@!>=>!IBOPF!IFA!@= J A!@OM4  
H=PA@/!#GG!@L\!O>LI@!>=>!IFA!@AQMAQ=ILB>!O>LI!@F=MA!=!PB J J B>!G= ] !GLEM=MN/!&>!A=PF!XB?-!IFAMA!=MA!  
B>GN!HBOM!XFB>A@!=K=LG=EGA!XAM!XB?!IF=I!AKAMNB>A! J O@I!@F=MA-!>=>!XABXGA! J O@I=G@B!@F=MA!I=EGAI@/!  
5L J LG=MGN-!>GG! ?AI=L>A?!L>?LKL?O=G@!L>!IFA!@AQMAQ=ILB>!O>LI!@F=MA!IFA!@= J A!I ] B!XFB>A@/!

TUa/ \$FAMA!=MA!>B!@=>LILkL>Q! ] LXA@!BM!PGA=>L>Q!@OXXGLA@!=K=LG=EGA!IB! ] LXA! ?B ] >!IFA!  
XFB>A@!L>!EAI ] AA>!P=GG@-!IFAMAHBMA!IFA! ?AI=L>A?!L>?LKL?O=G@!=MA!HBMPA?!IB!O@A!^O@I!=! ] AI!X=XAM!  
IB ] AG!L>!>=>!IIA J XI!IB!PGA=>!IFA!XFB>A@!EAHBMA!>=>?!=HIAM!O@A/! '66! : M=>PL@PB!%LKAMB! 8 =GAMB>! 7 AP/!  
o!S!e#XX\!&&-! , \F/!3-!=I!Ra [4mTg/!

TUm/ ' B>IM=PIBM@!>=>?! ?AI=L>A?!L>?LKL?O=G@!F=KA!PB>IL>OBO@GN!MAXBMIA? !O>@=>LI=MN!XFN@L4  
P=G!PB>?LILB>@-!G=PY!BH! J A?LP=G!P=MA-!>=>!XFN@LP=G! J L@IMA=I J A>I/!e#XX\!&&-! , \F/! ( -!=I!RmT/g! ) G=?A@!  
F=@!H=LGA?!IB!@OE@I=>ILKAGN!MA J A?N!IFA@A!XBBM!PB>?LILB>@/!!

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TU[/ 9>@=>LI=MN!E=IFMBB J @!=MA!=!XAM@L@IA>!XMBEGA J /!\$FA!^=LG!HBMEL?@!IFA!O@A!BH!EGA=PF!  
HBM!PGA=>L>Q!IFA!E=IFMBB J @/!e#XX\!&-!, \F/! (-!RmT/g!5F= J XBB!L@!INXLP=GGN!O@A?!=@!@OE@L!IOIA!  
HBM!@B=X/e#XX\!&-!, \F/! (-!RmT/g!\$FAMA!L@! J Bg?!L>!IFA!E=IFMBB J @/!e#XX\!&-!, \F/! (-!RmT/g!  
e#XX\!&-!, \F/! 6 -!Zm[4mWg!e7 <5! . HHLPA!BH!&>@XAPIBM! ) A>/!%AXBMI! . & ) 4RW4ZT-!>BIL>Q!G=PY!BH!  
PGA=>GL>A@-!GL J LIA?!FNQLA>LP!@OXXGLA@-!>?!XBIA>IL=GGN!O>@=HA!HBB?!F=>?GL>Qg/!

TUW/ \$FAMA!F=KA!EAA>!MAXBMI@!BH!L>A?LEGA!HBB?!XMBKL?A?!IB?!AI=L>A?!L>?LKL?O=G@/!e#XX\  
&-!, \F/! (-!RmZ/g!\$FA!i?ML>YL>Q! ] =IAM!F=@!NAGGB J L@F!FOA!>?!>?!B??!I=@IA/j!!e#XX\-, \F/! (-!RmZ/g!  
RmZg/!

TUS/ \$FA!@XMA=?!BH!PBOQF-!HGO-!>?!BIFAM!MA@XLM=IBMN!PB>?LILB>@!L>!IFA!?BM J @!F=KA!EAA>!  
=IIMLEOIA?!IB!IFA!O>@=>LI=MN!PB>?LILB>@/!e#XX\!&-!, \F/! (-!RmT/g!, KA>!EAHBMA!IFA! ' . 8&74RS!  
X=>?A J LP-!) G=?A@!H=LGA?!IB!XMBKL?A!=?AbO=IA! J A?LP=G!P=MA!IB?!AI=L>A?! ] B J A>!>?! J A>/!e#XX\  
&-!, \F/!, -!aW4m\_I!W\_4WR/g<sup>T</sup>!!

Ta\_/ ) G=?A@!B>GN!F=@!B>A?!BPIBM!L>!IFA!H=PLGLIN-! ] FB!L@!B>GN!=K=LG=EGA!HBOM!IL J A@!=  
] AAY/!e#XX\!&-!, \F/! (-!RmZ/g! ' MLILP=G! J A?LP=G!P=MA!L@!MBOIL>AGN!?AG=NA? q @B J AIL J A@!HBM!  
J B>IF@ q BM!?A>LA?!BOIMLQFI/!e#XX\!&-!, \F/! (-!RUR4UT1!RmZ4mUg/!! 6 FA>! J A?LP=G!MABoA@I@!MA!  
HL>=GGN!=?MA@A?-!L>?LKL?O=G@!MAXBMI!>BI!EAL>Q!XMBXAMGN!IMA=IA?!BM!>BI!IMA=IA?!I=GG/!e#XX\  
&-!, \F/!  
( -!RmZ/g!"MBKL?L>Q!LEOXMBHA>!BM!\$NGA>BG!L@!PB J J B>GN!O@A?!=@!EG=>YAI!@BGOILB>!IB!>N!>?!=GG!  
J A?LP=G!L@OA@/!e#XX\!&-!, \F/! (-!RmZ/g! : BM!L>?LKL?O=G@! ] LIF!PFMB>LP! J A?LP=G!PB>?LILB>@-!LIP=>!

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RU!e#XX\!&&-!, \F/!\*-!=I!RaR4amg! : M=>PL@PB!%LKAMB! 8=GAMB>! 7 AP/!o!R\_e#XX\!&&-!, \F/!3-!=I!Ra[4  
mTg/!!

TaS/ #GIFBOQF!IFA!@I=HH!=MA!>BI!O@L>Q!IFA!XMBXAM!XMBIAPILKA!QA=M-!IFAN!@ILGG!A>IAM!IFA!GLK4  
L>Q!O>LI@-!IBOPF!IFA!?AI=L>A?!L>?LKL?O=G@-!IFALM!XAM@B>=G!EAGB>QL>Q@-!>?!IFA!HBB?!IM=N@/! '66!

7=LMB>! ; =MMA?B!5=>PFAk! 7 AP/!o!Ta-!ZU!e#XX\!&&-!, \F/!8-!=I!RZR4ZWgl! ) AM=M?B! 8=MQ=@! 7 AP/!o!Ra!  
e#XX\!&&-!, \F/!\*-!=I!RaR4

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TmT/ ! 2 =>N!?AI=L>A?!L>?LKL?O=G@!L>!IFA!XB?@!=MA!A\FLELIL>Q!HGO4GLYA!@N J XIB J @-!L>PGO?4

L>Q!PBOQFL>Q!>?!@>AAkl>Q/! '66 [REDACTED] !

[REDACTED] !

[REDACTED] !5B J A!

?AI=L>A?!L>?LKL?O=G@!=MA!PBOQFL>Q!OX!EGBB?/! '66 [REDACTED] !

[REDACTED] !

TmZ/ 7 A@XLIA!IFA@A!HGO4GLYA!@N J XIB J @-!IFAMA!F=KA!EAA>!>B!Y>B ] >! ' . 8 & 7 4RS!IA@I@!?B>A!

L>!IFA! ) G=?A@!H=PLGLIN/! '66 [REDACTED] !

[REDACTED] !

[REDACTED] !

TmU/ \$FL@!MA J =L>@!MOA!AKA>!= J B>Q!IFA!XBXOG=ILB>!BH!?AI=L>A?!L>?LKL?O=G@! ] LIF! J A?LP=G!

KOG>AM=ELGLILA@-!L>PGO?L>Q!IFB@A! ] LIF!FNXAMIA>@LB>-! ?L=@IBGLP!FA=MI!H=LGOMA-! ' . " 7 -!BEA@LIN-!=@IF J =-!

?L=EAIA@-!>?!<& 8/! '66 [REDACTED] !

[REDACTED] !

[REDACTED] !

[REDACTED] !

Tma/ \$FA! J A?LP=GGN!KOG>AM=EGA!=MA!>BI!EAL>Q!XMBIAPIA?!EN!EAL>Q! J BKA?!= ] =N!HMB J !IFA!

QA>AM=G!XBXOG=ILB>!BM!HMB J !IFB@A! ] FB!=MA!A\FLELIL>Q!HGO4GLYA!@N J XIB J @/! '66 [REDACTED] !

[REDACTED] !

Tmm/ # @!BH!=!PBOXGA!?=N@!=QB-!RT!?AI=L>A?!L>?LKL?O=G@! ] AMA!XOI!L>IB!>!!

ibO=M=>IL>A!XB?/j [REDACTED] !

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Tm[/ 7 AI=L>A?!L>?LKL?O=G@!=MA!>BI!=EGA!IB!@AA!IFA! J A?LP=G!@I=HH!L>!=!IL J AGN! J =>>AM-!>?!  
] FA>!IFAN!=MA!=EGA!IB!@AA!IFA! J A?LP=G!@I=HH-!IFALM!IA J XAM=IOMA!L@!>BI!EAL>Q!I=YA>/'66! !

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TmW/ .>A!?AI=L>A?!L>?LKL?O=G! ]=@!=?KL@A?!EN!=!>OM@A!IF=I!FA!F=?!IFA!HGO-!EOI!>BIFAM!  
>OM@A!L>HBM J A?!FL J !IF=I!FA!?!>BI/'66! !

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**6JA^=J<'\$J=>G;H;A>=F'+@>H@J'**

TmS/ ; \$ ' !L@!>L J J LQM=ILB>!AIA>ILB>!PA>IAM!L>!" B J X=>B! ; A=PF-! : GBML?=>HBM!i>B>4  
PML J L>=G!>?!GB ] !@APOMLINj!?AI=L>A?!L>?LKL?O=G@!BXAM=IA?!EN!=!XMLK=IA!PB>IM=PIBM-!IFA!HBM4XMBHLI!  
XML@B>!PBMXBM=ILB>!\$FA! ) , .!) MBOX-!&>P!ei ) , . jg/le#XX\!&-!, \F/!( !=IRaZ/g! ) , . !F=@!LI@!FA=?4



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T[U/ #I! ; \$ ' -!>?LKL?O=G@! ] LIF!PFMB>LP! J A?LP=G!PB>?LILB>@!MAXBMIA?!IMA J A>?BO@!?!LHHL4  
POGILA@!MAPALKL>Q!>APA@@=MN!=PPB J J B?=-ILB>@!HBM!IFALM!FA=GIF!XMBEGA J @-!@OPF!=@!?!LAI=MN!=PPB J J B4  
?=-ILB>@!/e#XX\!&-! , \F/! ( !=I!RUZ/g! . >A!L>?LKL?O=G!MA J A J EAMA?!=! J =>! ] LIF!?!L=EAIA@!GB@L>Q!!=!HL>QAM!  
=@!!=!MA@OGI!BH!IFA!L>=?AbO=IA! J A?LP=G!P=MA!=I! ; \$ ' /e#XX\!&-! , \F/! ( !=I!RUZ/g!

T[a/ 7OML>Q!IFA!@O J J AM!BH!T\_RS-!IFAMA! ] =@!!=! J O J X@!BOIEMA=Y!=I! ; \$ ' !L>! ] FLPF!?A4  
I=L>A?!L>?LKL?O=G@! ] AMA!bO=M=>IL>A?/

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T[W/ 7AI=L>A?!JA>!=I;\$'!=MA!@GAAXL>Q!L>!PAGG@!]LIF!HLKA!IB!@L\!L>?LKL?O=G@!L>!EO>Y4  
 EA?@-!]FLPF!=MA!>BI!@L\!HAAI!=X=MI!'66&8=GAM=!%=JLMAk!7AP!=I!o!m!e#XX\!&&-!,\F/!) )-!=IRSW4  
 T\_Zgl!5B@=:GAIA@!7AP!=I!o!a!e#XX\!&&-!,\F/!<<-!=I!T\_U4\_Wgl!5B>I=N!:O>Ak!7AP!=I!o!S!e#XX\!&&-!  
 ,\F/!: :-!=IRSR4S[gl!%B@=@!'=M?A>=@!7AP!=I!o!m!e#XX\!&&-!,\F/!, , -!=IRWm4S\_gl!;AI=>PBOMI!7AP!  
 =I!o!a!e#XX\!&&-!,\F/!77-!=IRW4Wagl!:AMMALM=;!BMQA@!7AP!=I!o!m!e#XX\!&&-!,\F/!&&-!T\_S4RUg!\$FL@!  
 @GAAXL>Q! =MM=>QAJA>I!J=YA@!LI!LJXB@!LEGA!IB!MAJ=L>!@L\!HAAI!=X=MI! =>? !XM=PILPA!@BPL=G! ?L@I=>PL>Q!  
 '66&5B@=:GAIA@!7AP!=I!o!a!e#XX\!&&-!,\F/!<<-!=I!T\_U4\_Wgl!;LEL=>B!5B=MA@!7AP!=I!o! [!e#XX\!&&-!  
 ,\F/!' '-!=IR[Z4[Sgl!%B@=@!'=M?A>=@!7AP!=I!o!m!e#XX\!&&-!,\F/!, , -!=IRWm4S\_gl!;AI=>PBOMI!7AP!  
 =I!o!a!e#XX\!&&-!,\F/!77-!=IRW4Wagl!:AMMALM=;!BMQA@!7AP!=I!o!m!e#XX\!&&-!,\F/!&&-!T\_S4RUg!

T[S/ \$FA?!AI=L>A?!L>?LKL?O=G@!=MA!PGB@A!IB!A=PF!IBQAIFAM!]FA>!IFAN!A=I!EAP=O@A!IFA!  
 PF=LM@!=MA!=II=PFA?!IB!IFA!HGBBM-!IFAN!F=KA!IB!@LI!=PMB@@!HMBJ!A=PF!BIFAM!B>!IFA!I=EGA-! =>? !IFAMA!L@!  
 >BI!A>BOQF!MBB J !IB!MAJ=L>!@L\!HAAI!=X=MI/ '66!8=GAM=!%=JLMAk!7AP!=I!o!m!e#XX\!&&-!,\F/!) )-!=I!  
 RSW4T\_Zgl!5B@=:GAIA@!7AP!=I!o!RZ!e#XX\!&&-!,\F/!<<-!=I!T\_U4\_Wgl!:AMMALM=;!BMQA@!7AP!=I!o! [!  
 e#XX\!&&-!,\F/!&&-!T\_S4RUg!%B@=@!'=M?A>=@!7AP!=I!o!m!e#XX\!&&-!,\F/!, , -!=IRWm4S\_gl!%B?=@!  
 "A?MB!7AP!=I!o!RZ!e#XX\!&&-!,\F/!00-!=ITRa4RSg!7AI=L>A?!L>?LKL?O=G@!] =LI!L>!GL>A!KAMN!PGB@A!IB!  
 A=PF!BIFAM!]FLGA!] =LIL>Q!IB!A>IAM!IFA?!L>L>Q!F=GG!'66!8=GAM=!%=JLMAk!7AP!=I!o!m!e#XX\!&&-!,\F/!  
 ) )-!=IRSW4T\_Zgl!;AI=>PBOMI!7AP!=I!o!a!e#XX\!&&-!,\F/!77-!=IRW4Wagl!

TW/\_ 5BJA?!AI=L>A?!L>?LKL?O=G@!=MA!A\XAMLA>PL>Q!HGO!GLYA!@N J XIB J @-!L>PGO?L>Q!PBOQF4  
 L>Q-!PB>QA@ILB>!=>?!?LHHLPOGIN!EMA=IFL>Q!'66&

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TWR/ 7A@XLIA!F=KL>Q!@N J XIB J @-! ?AI=L>A?!L>?LKL?O=G@!F=KA! ?LHHLPOGIN!EAL>Q!=EGA!IB!@AA!  
IFA! J A?LP=G!@I=HH!L>!=!IL J AGN! J =>>AM/! '66 [REDACTED]  
[REDACTED] /! . >A! ?AI=L>AA! ] LIF! =>!O>EA=M=EGA!PBOQF!@OE J LIIA?!=! ] MLIIA>!MabOA@I-! ] A>I! ] LPA!IB!IFA! J A?4  
LP=G!BHHLPA-! =>? !IFA>!PB J XG=L>A? !IB! =!QO=M? -!EAHBMA!FA! ] =@! =GGB ] A? !IB!@AA! =! ?BPIBM/! '66 [REDACTED] !  
[REDACTED] /!

TWT/ \$FAMA!F=@!EAA>!>B!Y>B ] >!IA@I!BH! ' . 8 & 74RS! ?B>A!L>!IFA! ; \$ ' !H=PLGLILA@/! '66&5B@=!  
:GAIA@! 7 AP!/ =!o!RR!e#XX\ !&&-! , \F/! <<-! =!T\_U4\_Wg! 5B>=N! : O>Ak! 7 AP!/ =!o!R\_!e#XX\ !&&-! , \F/! : :-!  
=I!RSR4S [g/!

TWZ/ # !MAPA>IGN!IM=>@HAMMA?! ?AI=L>A?!XAM@B>!MAXBMIA?!F=KL>Q!A>IAMA?! ; \$ ' ! ] LIF! =!E=?!  
PBG?! =>? !PBOQF-!EOI! ] =@!>AKAM!IA@IA?!HBM! ' . 8 & 74RS!BM!L@BG=IA?!HMB J !IFA!QA>AM=G!XBXOG=ILB>!/ '66!  
[REDACTED] !  
[REDACTED] !!

TWU/ 7 AI=L>A?!L>?LKL?O=G@!F=KA!IMBOEGA! =PPA@L>Q! J A?LP=G! =IIA>ILB>-!L>PGO?L>Q!HBM!@AML4  
BO@!PFMB>LP!PB>?LILB>@!@OPF! =@! =@IF J =/! '66 [REDACTED] !  
[REDACTED] g/! 2 A?LP=G!@I=HH!F=KA!EAPB J A!@B!BKAM ] FAG J A?! ] LIF!  
IFA!>O J EAM!BH!@LPY! J A>! ?AI=L>A?!L>!IFA!H=PLGLIN!IF=I!B>A?!BPIBM!Q=KA! =>!L>?LKL?O=G!FL@!A>ILMA!EBI4  
IGA!BH!EGBB?!XMA@@OMA! J A?LPL>A!IB!I=YA!B>!FL@B ] >-!@L>PA!@FA!>B!GB>QAM!F=?!IL J A!IB! ?L@XA>@A!FL@!  
XLGG!MAQOG=MGN/! '66 [REDACTED] !

TWa/ # !IGA=@I!U\_! J A>!F=KA!EAA>!EMBOQFI!L>IB! ; \$ ' !L>!IFA!X=@I!HA ] ! ] AAY@/! '66! ; BMQA@!  
7 AP!/ =!o!RU!e#XX\ !&&-! , \F/!&&-!T\_S4RUg/! 1 A ] ! ?AI=L>A?!XABXGA!F=KA!EAA>!XG=PA?!L J J A?L=IAGN!L>IB!  
@F=MA?!MBB J @! ] LIFBOI!EAL>Q!L@BG=IA?!HLM@I/! '66! ; BMQA@! 7 AP!/ =!o!RU!e#XX\ !&&-! , \F/!&&-!T\_S4RUg!  
%B@=@! ' =M?A>=@! 7 AP!/ =!o!RT!e#XX\ !&&-! , \F/! , , -! =!IRWm4S\_g/! . >A!QMBX!BH!>A ] ! =MLK=G@!P= J A!

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=EBOI!B>A! ] AAY!=QB!HMB J ! ( MB J A-! ] FLPF!=GMA=?N!F=?!PB>HLM J A?! ' . 8&74RS!P=@A@-!>?!IFAN! ] AMA!  
XG=PA?! ] LIF!IFA!QA>AM=G!XBXOG=ILB>!BH! ; \$ ' /! '66! ; AI=>PBOMI!7 AP!/!=I!oRZ!e#XX\!&&-! , \F/!7 7 -!!=I!RW4  
Wag/!&>?LKL?O=G@!AI=L>A?!=I! ; \$ ' ] ] AMA!IBG?!IFA!L>HAPIA?!XAM@B>!=I! ( MB J A! ] =@!@A>I!FB J A/! '66  
%B?=@!" A?NB!7 AP!/!=I!o![!e#XX\!&&-! , \F/!00-!!=I!TRa4RSg/!

TWm/ \$FAMA!=MA!>B!XMAP=OILB>@!I=YA>!IB!XMBIAPI!IFB@A! ] FB!=MA! J A?LP=GGN!KOG>AM=EGA!IB!

' . 8&74RS/! '66 [REDACTED] !

[REDACTED] !

TW[/ 7 AI=L>A?!L>?LKL?O=G@!XMAX=MA!IFA!HBB?!=>?!PGA=>!=I! ; \$ ' /! . >A?!AI=L>A?!XAM@B>!

] FB!XMAKLBO@GN!XMAX=MA?!IFA!HBB?!=I! ; \$ ' !MAXBMIA?!F=KL>Q!HGO!GLYA!@N J XIB J @/! '66 [REDACTED] !

[REDACTED] /!7 AI=L>A?!L>?LKL?O=G@! ] FB! ] BMY!!>!IFA!YLIPFA>!?B>BI!

=G ] =N@! ] A=M! J =@Y@! ] FA>!XMAX=ML>Q!IFA!HBB?!=>?!=MA!>BI!I=OQFI! ' . 8&74RS!FNQLA>A! J A=@OMA@/!)B&

=I!o!S!e#XX\!&&-! , \F/! ' ' -!!=I!R[Z4[Sg!%B?=@!" A?NB!7 AP!/!=I!o!RU!e#XX\!&&-! , \F/!00-!!=I!TRa4RSg/!

TWW/ 7 AI=L>A?!L>?LKL?O=G@!F=KA!>BI!BE@AMKA?!QMA=IAM!AHHBMI@!IB!PGA=>!L>!MA@XB>@A!IB!

' . 8&74RS/!%B?=@!" A?NB!7 AP!/!=I!o!Ra!e#XX\!&&-! , \F/!00-!!=I!TRa4RSg/! 2 B@I?!AI=L>A?!L>?LKL?O=G@!

=MA!>BI!XMBKL?A?! ] LIF! J =@Y@!BM!QGBKA@! ] FA>!IFAN!PGA=>!PB J J B>!=MA=@/! '66&8=GAM=!% = J LMAk!7 AP/!

=I!o!W!e#XX\!&&-! , \F/! ) ) -!!=I!RSW4T\_Zg!l5B@=: : GAIA@!7 AP!/!=I!o![!e#XX\!&&-! , \F/!<<-!!=I!T\_U4\_Wg/!

6 FA>!=@YA?!IB!PGA=>!IFALM!PAGG@-!B>GN!B>A!X=LM!BH!QGBKA@!L@!XMBKL?A?! '66&5B>=N! : O>Ak!7 AP!/!=I!o!

R\_e#XX\!&&-! , \F/! : -!!=I!RSR4S[g/! 6 FA>! J =@Y@!>?!QGBKA@!MA!=K=LG=EGA-!IFAN!=MA!B>GN!HBM!PGA=>4

L>Q-!BIFAM ] L@A!IFAMA!L@>B!=PPA@@!IB!QGBKA@!>?! J =@Y@/! '66& ; AI=>PBOMI!7 AP!/!=I!o!m!e#XX\!&&-! , \F/!

7 7 -!!=I!RW4Wag/!!

TWS/ ; \$ ' !@I=HH!>BI!O@L>Q!XMBIAPILKA!QA=M!A>IAM!GLKL>Q!H=PLGLLA@!>?!O@A!IFALM!E=MA!F=>?@!

IB!IBOPF?!AI=L>A?!L>?LKL?O=G@!>?!IFALM!XAM@B>=G!EAGB>QL>Q@/! '66! ; LEL=>B!5B=MA@!7 AP!/!=I!o!Ra!



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, \F/! ' ' !=!R[Z4[Sgl! ; AI=>PBOMI! 7 AP/!=I!o!a!e#XX\!&&-! , \F/! 7 7 !=!RW4Wag! : AMMALM=! ; BMQA@! 7 AP/!  
=I!o!S!e#XX\!&&-! , \F/!&&-!T\_S4RUg!5B@=! : GAIA@! 7 AP/!=I!o!m!e#XX\!&&-! , \F/! << !=!T\_U4\_Wg/!\$FAN!  
F=KA!>BI!EAA>!QLKA>!F=>?!@=>LILkAM/! '66!%B?=@!" A?MB! 7 AP/!=I!o!W!e#XX\!&&-! , \F/!00 !=!TRa4RSg/!  
TST/ 7 AI=L>A?!L>?LKL?O=G@!F=KA!>BI!EAA>!QLKA>! =>N!HBM J =G!A?OP=ILB>! =EBOI!FNQLA>A!  
J A=@OMA@!IB!XMAKA>I!IFA!@XMA=?!BH! ' . 8 & 7 4RS/! '66! ; LEL=>B!5B=MA@! 7 AP/!=I!o!RS!e#XX\!&&-! , \F/!  
' ' !=!R[Z4[Sgl! ; AI=>PBOMI! 7 AP/!=I!o!W!e#XX\!&&-! , \F/! 7 7 !=!RW4Wag! : AMMALM=! ; BMQA@! 7 AP/!=I!o!  
Rm!e#XX\!&&-! , \F/!&&-!T\_S4RUg-! 8 =GAM=!% = J LMAk! 7 AP/!=I!o!RT!e#XX\!&&-! , \F/! ) ) !=!RSW4T\_Zg!  
%B@=@! ' =M?A>=@! 7 AP/!=I!o!W!e#XX\!&&-! , \F/! , , !=!RWm4S\_g!5B@=! : GAIA@! 7 AP/!=I!o!W!e#XX\!&&-! , \F/!  
<< !=!T\_U4\_Wg!5B>=N! : O>Ak! 7 AP/!=I!o!R[!e#XX\!&&-! , \F/! : : !=!RSR4S[g!%B?=@!" A?MB! 7 AP/!=I!o!  
R\_le#XX\!&&-! , \F/!00 !=!TRa4RSg/!\$FA!B>GN!L>HBM J =ILB>!IFAN!F=KA!MAPALKA?!L@!HBM J ! ] =IPFL>Q!\$ 8!  
=>?!XB@IAM@!B>IIFA! ] =GG/! '66& 8 =GAM=!% = J LMAk! 7 AP/!=I!o!RT!e#XX\!&&-! , \F/! ) ) !=!RSW4T\_Zg!%B@=@!  
' =M?A>=@! 7 AP/!=I!o!W!e#XX\!&&-! , \F/! , , !=!RWm4S\_g/!!

TSZ/ 7 AI=L>A?!L>?LKL?O=G@!F=KA!>B!=PPA@@!IB! J =@Y@!BM!QGBKA@-!AKA>!HBM J !IFA!PB J J L@4  
@=MN/! ; BMQA@! 7 AP/!=I!o!RT!e#XX\!&&-! , \F/!&&-!T\_S4RUg! ; AI=>PBOMI! 7 AP/!=I!o!R\_le#XX\!&&-! , \F/! 7 7 !=  
=!RW4Wag/!

TSU/ ; \$ ' !@I=HH!MBI=IA!L>! =>?!BOI!BH! ; \$ ' !B>! =MAQOG=M!E=@L@/!5I=HH!QA>AM=GGN!GLKA!L>!IFA!  
PB J J O>LILA@!>A=M! ; \$ ' q =MA=@! ] FAMA!IFAMA! J =>N!PB>HLM J A?!P=@A@!BH! ' . 8 & 7 4RS/!!

TSa/ ; \$ ' !F=@! =!FL@IBMN!BH!BOIEMA=Y@!BH!PB>I=QLBO!e#05005 8 9 . 5 7 8 9 . 9 143 c mBT!

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TSm/ .>! 2 =MPF!R[-!T\_T\_-!?!AI=L>A?!XAM@B>@!=I! ; \$ ' ! ] AMA!@OE^APIA?!IB!=!a4FBOM! ] =IAM!  
@IBXX=QA-!?!OML>Q! ] FLPF!IFAN!F=?!>B!=PPA@@@!IB! ] =IAM!IB! ] =@F!IFALM!F=>?@-!E=IFA-!BM!O@A!IFA!IBLGA!/<sup>LS!</sup>  
#+%`G' ) FH@J>=H;[ @G'HA'&@H@>H;A>'4JAVJ=W'

TS [ / : BM!BKAM!Ra!NA=M@-!7 < 5f& ' , !F=@!@BOQFI! =>?!BEI=L>A?!PB>QMA@@LB>=G!HO>?L>Q!HBM!  
LI@!#GIAM>=ILKA@!IB!7 AIA>ILB>!ei # \$ 7 jg!XMBQM= J -! ] FLPF!O@A@!@OXAMKL@A?!MAGA=@A-!P=@A! J =>=QA4  
J A>I-! =>?! J B>LIBML>Q!BH!L>?LKL?O=G@!L>@IA=?!BH?!AIA>ILB>^W-!& ' , !F=@!MAXA=IA?GN!IBG?! ' B>QMA@@!IF=I!  
IFA!# \$ 7 !XMBQM= J !L>PMA=@A@!& ' , `@!BXAM=ILB>=G!AHHAPILKA>A@@! =>?!L>?LKL?O=G!PB J XGL=>PA! ] LIF!MA4  
GA=@A!PB>?LILB>@/!!

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[<sup>S!</sup>FIIX@cff ] ] ] / ] GM>/BMQfXB@!fPBMB>=KLMO@4GLKA4OX=?=IA@4I ] B4EMB ] =M?4AGAPILB>4XBGG4 ] BMYAM@4  
IA@I4XB@ILKA4PBKL?4RS | @IMA= J f\_!

^W-!& ' , `@!POMMA>I!# \$ 7 !XMBQM= J !L@!P=GGG?!&>IA>@LKA!5OXAMKL@LB>!#XXA=M=>PA!"MBQM= J !&&&!e&5 # " !  
&&&g!\$FA!XMBQM= J !HA=IOMA@!?LHHAMA>I!GAKAG@!BH!P=@A! J =>=QA J A>I!L>PGO?L>Q!L>4XAM@B>!BM!IAGAXFB>LP!  
J AAIL>Q@-!O>=>>BO>PA?!FB J A!KL@LI@-!@PFA?OGA?!BHHLPA!KL@LI@-! =>?!PBOMI! =>?! J AAIL>Q!=GAMI@/!5B J A!  
=MA!G@B!A>MBGGA?!L>!IAPF>BGBQN4E=@A?! J B>LIBML>Q!L>PGO?L>Q!IAGAXFB>LP! J B>LIBML>Q-! ) " 5! J B>LIBM4  
L>Q!KL=!=>YGA!EM=PAGAI-! =>?!@ J =MI!XFB>A! =XXGLP=ILB>! J B>LIBML>Q!P=GGG?!5 J =MI+L>Y!IF=I!O@A@!H=PL=G!  
MAPBQ>LILB>! =>?!GBP=ILB>! J B>LIBML>Q!KL=!) " 5!\$FA!XMLK=IA!PB>IM=PIBM!IF=I!BXAM=IA@!IFA!XMBQM= J !  
HBM!& ' , !L@! ; &-!&>P/-! =! ] FBGGN4B ] >A?!@OE@L?L=MN!BH!\$FA! ) , . ! ) MBOX-!&>P/! '66& ' % 5!% AXBMI!%UaW\_U-!  
& J J LQM=ILB>C!#GIAM>=ILKA@!IB!7 AIA>ILB>!e# \$ 7 g!"MBQM= J @-!e0OG!/W-!T\_RSg/! .>! 2 =MPF!TZ-!T\_T\_-!

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TSW/ \$FA!7 <5!: \*T\_TR! ' B>QMA@@LB>=G! ; O?QAI!00@ILHLP=ILB>!HBM!& ' , !@I=IA@!IF=I!LI!PB@I@!  
}RTa/\_m!XAM!?=N!IB!^=LG!>=>!=?OGI!L J J LQM=ILB>!L>!& ' , !PO@IB?N!/\$FA!=KAM=QA!PB@I!XAM!# \$ 7!X=MILPL4  
X=>I!L@!}U/UZ!XAM!?=N!/\$FA!7 <5!: \*T\_TR!HO>?L>Q!MabOA@I!@AAY@!IB!@OXXBMI!RT\_ \_\_\_\_!?=LGN!X=MILPL4  
X=>I@!L>!# \$ 7 /<sup>WR</sup>!

TSS/ #!T\_RU!) # . !%AXBMI!HBO>?!IF=I!Sa v !BH!IFB@A!B>!HOGG4@AMKLP!# \$ 7 !eIFB@A!IF=I!L>4  
PGO?A!P=@A! J =>=QA J A>Ig!=XXA=M!HBM!IFALM!HL>=G!FA=ML>Q@/<sup>WT</sup>! #PPBM?L>Q!IB!T\_R [ !PB>IM=PI!?=I=-!@O4  
XAMKL@LB>!PBOXGA?! ] LIF!@B J A!P=@A! J =>=QA J A>I!MA@OGI@!L>!=! J BMA!IF=>!SS v !=XXA=M=>PA!M=IA!HBM!=GG!  
L J J LQM=ILB>!PBOMI!FA=ML>Q@-!>?!=! J BMA!IF=>!SR v !=XXA=M=>PA!M=IA!HBM!HL>=G!FA=ML>Q@/<sup>WZ</sup>!

Z\_/\_ #@!BH!#XMLG!U-!T\_T\_-!& ' , !F=@!WS-WaR!L>?LKL?O=G@!A>MBGGA?!L>!# \$ 7 -L>PGO?L>Q!a-\_a [ !  
L>!IFA! 2 L= J L!=MA=<sup>WU</sup>!

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<sup>WR</sup>!7 <5f& ' , !: \*T\_TR! ' B>QMA@@LB>=G! ; O?QAI!00@ILHLP=ILB>-!>I! . XAM=ILB>@! x !5OXXBMI!RZT-!R [ R-!  
R [ Z-!FIIX@cff ] ] ] /?F@/QBKf@LIA@f?AH=OGIFHLGA@fXOEGLP=ILB>@fO/@/DL J J LQM=ILB>D=>?DPO@IB J @DA>4  
HBMPA J A>I/X?H! 7 OA!IB!PBOMI!E=PYGBQ@!>?!?AG=N@!HBM!IFB@A! ] FB!=MA!>B>4?AI=L>A?># \$ 7!X=MILPL4  
X=>I@!=MA!A>MBGGA?!HBM!=!GB>QAM!XAMLB?!BH!IL J A!IF=>!IFA!XAMLB?!BH!IL J A!IF=I!L>?LKL?O=G@!MA J =L>L>!  
?AIA>ILB>!/ <B ] AKAM-!AKA>!PB>@L?AML>Q!IFA!=KAM=QA!GA>QIF!BH!@I=N!L>?!AIA>ILB>!>?!IFA!=KAM=QA!  
GA>QIF!BH!IL J A!L>!# \$ 7 -!I=\ X=NAM@!=MA!X=N!>Q!>!=KAM=QA!BH! }U- \_\_\_\_! J BMA!XAM!L>?LKL?O=G!?AI=L>A?!  
IF=>!IFB@A!MAGA=@A?!B>!# \$ 7 /!

<sup>WT</sup>!) # . 4Ra4Tm-!#GIAM>=ILKA@!IB! 7 AIA>ILB>-!>I!Z\_!e 1 BK!/T\_RUg-!>K=Lg=EGA!=I!  
FIIX@cff ] ] ] /Q=B/QBKf=@@AI@fm [ \_fmmmSRR/X?H/!

<sup>WZ</sup>!\$FA!%A=G! #GIAM>=ILKA@!IB! 7 AIA>ILB>!e00>A!T\_RSg-!>K=Lg=EGA!=I!FIIX@cff ] ] ] / B J A>@MAHOQAA4  
PB J J L@@LB>/BMQfL J =QA@fk?BP@f\$FA4%A=G4#GIAM>=ILKA@4IB4 7 AIA>ILB>400>A4T\_RS4 : & 1 # +4K4T/X?H/!

<sup>WU</sup>!& ' , ! ] AE@LIA-! 7 AIA>ILB>! 2 =>=QA J A>I-!FIIX@cff ] ] ] /LPA/QBKf?AIA>ILB>4 J =>=QA J A>I | I=ET/!

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/ % 2 ) / ' . \* ) 0 % 5 , \* R'

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Z\_R/ ! \$FA!7OA!"MBPA@@! ' G=O@A!XMBKL?A@!IF=I!>B!XAM@B>!@F=GG!iEA!?AXMLKA?!BH!GLHA-!GLE4  
AMIN-!BM!XMBXAMIN-! ] LIFBOI!?OA!XMBPA@@!BH!G= ] /j!9/5/! ' B>@I!= J A>?!8/!&I@!XMBIAPILB>@!A\IA>?!IB!  
AKAMN!XAM@B>] ] LIFL>!IFA!>=ILB>`@!EBM?AM@!MAQ=M?GA@@!BH!L J J LQM=ILB>!@I=IO@/! \$ ?7H6V<&LEk I 8?M-!UTm!  
9/5!/m[-![-!eRS[mgei , KA>!B>A! ] FB@A!XMA@A>PA!L>!IFL@!PBO>IMN!L@!O>G= ] HOG-!L>KBGO>I=MN-!BM!IM=>4  
@LIBMN!L@!A>ILIGA?!IB!IF=I!PB>@LILIOILB>=G!XMBIAPILB>/jg/!

) k & : @'4JA?@GG' \* ;VXH'HA' \* @=GA>=TF \ '(=Y@''A>74 : >;H; [ @' + ; [ ;F' & @H@>H;A>'

Z\_T/ ! 6 FA>!IFA!QBKAM> J A>I!I=YA@!!=!XAM@B>!L>IB!PO@IB?N!>=?! ?AI=L>@!FL J !=Q=L>@I!IFA!  
XAM@B>`@! ] LGG-!IFA! ' B>@LILIOILB>!L J XB@A@!OXB>!IFA!QBKAM> J A>I!?!OIN!IB!=@@O J A!MA@XB>@LELGLIN!HBM!  
IF=I! ?AI=L>AA`@!@=HAIN!>=?!QA>AM=G! ] AGGEAL>Q/! '66kO6>>8: F&LEk \$ C ! 8: : 6P-!a\_S!9/5/!Ta-!ZT!eRSSZg/!  
9>?AM!IFA! , LQFIF!# J A>? J A>I-!IFA! ) BKAM> J A>I! J O@I!XMBKL?A!PML J L>=G! ?AI=L>AA@! ] LIF!E=@LP!FO4  
J =>!>AA?@-!L>PGO?L>Q!MA=@B>=EGA!@=HAIN/!!)BEk!

Z\_Z/ \$FA!QBKAM> J A>I!KLBG=IA@!IFA! , LQFIF!# J A>? J A>I!LH!LI!PB>HL>A@!!=!PML J L>=G! ?AI=L>AA!  
L>!O>@=HA!PB>?LILB>@/!)BE!=I!ZZ/!!

Z\_U/ 6 FA>!IFA!QBKAM> J A>I! ?AI=L>@!!=!XAM@B>!HBM!IFA!KLBG=ILB>!BH!>=!!L J J LQM=ILB>!G= ] -!  
IFA!XAM@B>!L@!!=!PLKLG! ?AI=L>AA-!AKA>!LH!FA!F=@!!=!XMLBM!PML J L>=G!PB>KLPILB>!/ '66kQ?BLPB?<&LEk I ?L8<-!  
aZZ!9/5!/m[W-!mS\_!eT\_\_Rg/!

Z\_a/ # @!PLKLG! ?AI=L>AA@-!"AILILB>AM@!=MA!A>ILIGA?!IB! J BMA!PB>@L?AM=IA!IMA=I J A>I!IF=>!  
PML J L>=G! ?AI=L>AA@-! ] FB@A!PB>?LILB>@!BH!PB>HL>A J A>I!=MA! ?A@LQ>A?!IB!XO>L@F/!5AA! \$ ? ; <H&LEk S>?Ek  
I 6A^7&9@k \*9; ;E-!ZZ\_! : /!#XX` \!R[S-!RWT!eRRIF! ' LM!T\_\_Sg!ebOBIL>Q!

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Z\_m/ \$FA!: LHIF!# J A>? J A>I! 7 OA!" MBPA@@! ' G=O@A!XMBFLELI@!XO>L@F J A>I!BH!XABXGA!L>!PLKLG!  
PO@IB?N!46>&LEk 5 9>@8<H-!UUR!9/5/!aT\_-!aZa!>/Rm!eRS [ SgI! \$ ?F>I7?&LEk ' ?KA>6<-!Z[ a! : /Z?!RTmS-!  
RT[Z!eRRIF! ' LM!/T\_\_Ug!O?KK&LEk I 6R?>Nk \*7PE-! [ [U! : /T?!Ram[-!Ra [ T!eRRIF! ' LM!RSWag!ePLIL>Q!) : =  
F; ?H?K&LE! 5 ; 8FH7-!UZ\_!9/5/!maR-!m [ R!>!/U\_!eRS [ [gg/!

Z\_ [ / \$B!A@I=EGL@F!IF=I!=!X=MLPOG=M!PB>?LILB>!BM!MA@IMLPILB>!BH! ?AIA>ILB>!PB>@ILIOIA@!L J 4  
XAM J L@@LEGA!XO>L@F J A>I-!XAILILB>AM! J O@I!@FB ] !ALIFAM!eRg!>=>!A \XMA@@A?!L>IA>I!IB!XO>L@F!BM!eTg!  
G=PY!BH!=!MA=@B>=EGA!MAG=ILB>@FLX!IB!=!GAQLL J =IA!QBKAM> J A>I=G!XOMXB@A-!HMB J ! ] FLPF!>=>!L>IA>I!IB!  
XO>L@F! J =N!EA!L>HAMMA?! ' 66k 5 9>@8<H-!UUR!9/5/!I!aZW/! #E@A>I!>=>!A \XGLPLI!L>IA>ILB>!IB!XO>L@F-!<=  
PBOM! J O@I!=XXGN!=I ] B4X=MI!IA@IC!i : LM@I-!PBOM! J O@I!=@Y! ] FAIFAM!>=>N!rGAQLL J =IA!QB=G'! ] =@!  
@AMKA?!EN!IFA!XML@B>!PB>?LILB>@/!5APB>?-!LI! J O@I!=@Y! ] FAIFAM!IFA!PB>?LILB>@!=MA!rMA=@B>=EGN!MA4  
G=IA?`!IB!IF=I!QB=G/j!J?C9NP&LEk 4 ?>BV8: k \*7PE-!WZa! : /Z?!RZZW-!RZUa!eRRIF! ' LM!/T\_Rmg!/i s&tH!PB>?L4  
ILB>@!=MA!@B!A \ IMA J A!IF=I!GA@@!F=M@F!=GIAM>=ILKA@=MA!A=@LGN!=K=L=G=EGA-!IFB@A!PB>?LILB>@!PB>@ILIOIA!  
rXO>L@F J A>I' j! . 6>@?8; &LEk - 8>N6; F-!WmW! : /5OXX!RZSm-!RURT!e5/7/!) =/!RSSUg!ePLIL>Q! 5 9>@8<H-!UUR!  
9/5/!I!aZW4ZS!>/T\_g/!

Z\_W/ is 6 tFA>!IFA!5I=IA!I=YA@!=!XAM@B>!L>IB!LI@!PO@IB?N!>=?!FBG?@!FL J !IFAMA!=Q=L>@!FL@!  
] LGG-!IFA! ' B>@ILIOILB>!L J XB@A!@OXB>!LI!=!PBMMA@XB>?L>Q! ?OIN!IB!=@@O J A!@B J A!MA@XB>@LELGLIN!HBM!FL@!  
@=HAIN!>=?!QA>AM=G! ] AGG4EAL>Q/j! I 6 'H? : 6P&LEk 5 8: : 6N?F9k \*7PEk I 6A^7Ek9@k '9CEk '6; L</-!UWS!9/5/!RWS-!  
RSS4T\_\_!eRSWSg!\$FA!QBKAM> J A>I! J O@I!XMBKL?A! ?AI=L>A? !L>?LKL?O=G@! ] LIF!E=@LP!>APA@LILA@-!@OPF!  
=@!>?AbO=IA! J A?LP=G!P=MA-!HBB? -!P@BIFL>Q-!>=?!@FAGIAMI!IFA!H=LGOMA!IB!XMBKL?A!IFA@A!>APA@LILA@!KLB4  
G=IA@! ?OA!XMBPA@@!/O?KK-! [ [U! : /T?!=I!Ra [ ZI! \*99Rk6Tk; 6>Ek%<7?76k9@k . 6<<86; &LEk ' H6; 8@k9@k \$ 9: ; 96k  
\*7P-!U\_T! : /Z?!R\_ST-!RRRa!eRRIF! ' LM!/T\_\_ag/!

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Z\_S/ #I!=! J L>L J O J -!IFA! : LHIF!# J A>? J A>I! 7 OA!" MBPA@@! ' G=O@A!XMBFLELI@!%A@XB>?A>I@`!  
?AGLEAM=IA!L>?LHHAMA>PA!IB!=!@OE@I=>IL=G!ML@Y!BH!@AMLBO@!F=M J !IF=I! ] BOG?!ML@A!IB!IFA!GAKAG!BH!=>!  
,LQFIF!# J A>? J A>I!KLBG=ILB>!L>!IFA!XB@I4PB>KLPILB>!PML J L>=G!PB>IA\I/" 6L6;6&LE& \$ ?<<E& - 6 : E&  
O9<AE-!UmZ!9/5!/TZS-!TUU!eRSWZg!eis\$tFA! ?OA!XMBPA@@!MLQFI@!BH!=!s?AI=L>AAt!=MA!=I!GA=@I!=@!QMA=I!=@!  
IFA! ,LQFIF!# J A>? J A>I!XMBIAPILB>@!=K=LG=EGA!IB!=!PB>KLPIA?!XML@B>AM/jgl!@66&?><9&O?>6&LE&  
. ?>>?A99<?&\*7PE-!a\_! : /!Z?!Ra[S-!RaWT!>/U!eRRIF! ' LM!RSSag!

ZR\_/ \$B!?A J B>@IM=IA!IF=I!%A@XB>?A>I@!=MA!=PIL>Q! ] LIF!?AGLEAM=IA!L>?LHHAMA>PA-!" AILILB>4  
AM@! J O@I!@FB ] !A\XB@OMA!IB!=!@OE@I=>IL=G!ML@Y!BH!@AMLBO@!F=M J !BH! ] FLPF!%A@XB>?A>I@!=MA!= ] =MA!=>?!  
F=KA!?L@MAQ=M?A?/!S?; K6;&LE&4;6: : ? : -!aRR!9/5!/WTa-!WZU-!WZ[ 4ZW!eRSSUgl! \$ ?; NI; P&LE& 5 ?; B6: -!  
SZm! : /Z?!RTT[-!RTZZ!eRRIF! ' LM!T\_RSgl!

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IM=QLP!AKA>Ij!EAHBMA!@AAYL>Q!MAGLAH!HMB J !=!PB>?LILB>!BH!PB>HL>A J A>I!IF=I!O>PB>@ILIOILB>=GGN!A>4  
?=>QAM@!IFA J /! '66!O6>>8: F-ta\_S!9/5/!=I!ZZ!eFBG?L>Q!XML@B>AM`@!, LQFI!# J A>? J A>I!PG=L J !PBOG?!EA!  
E=@A?!OXB>!XB@@LEGA!HOIOMA!F=M J !IB!FA=GIF-!=@! ] AGG!=@!XMA@A>I!F=M J g/!!!

ZRZ/ i 1 BM! ?BA@!LI! J =IAM!IF=I!@B J A!L> J =IA@! J =N!>BI!EA!=HHAPIA?!EN!IFA!PB>?LILB>!=>?!  
IF=I!IFA!F=M J !L@!IFO@-!L>!=!@A>@A-!B>GN!XBIA>IL=G!F=M J !/\$FA! ' BOMI!F=@!HBO>?!=>!, LQFIF!# J A>? J A>I!  
KLBG=ILB>!rAKA>!IFBOQF!LI! ] =@!>BI!=GGAQA?!IF=I!IFA!GLYAGN!F=M J ! ] BOG?!BPPOM!L J J A?L=IAGN!=>?!AKA>!  
IFBOQF!IFA!XB@LEGA!L>HAPILB>! J LQFI!>BI!=HHAPI!=GG!BH!IFB@A!A\XB@A?/^ j! . 877>6&LE&J6@@6;<9: &\*7P!  
\*9KK^:-!R\_!:/Z?!RaZa-!RaUZ!eRRIF! ' LM!RSSUg!ebOBIL>Q!O6>>8: F-!a\_S!9/5/!=I!ZZg/!!

6k'"\$X@') \*\*'+, #&A?HJ;>@''

ZRU/ 6 FA>!IFA!QBKAM> J A>I!F=@!XMB J OQG=IA?!ismtAQOG=ILB>@! ] LIF!IFA!HBMPA!=>?!AHHAPI!BH!  
G= ] -j!IFB@A!MAQOG=ILB>@!i@OXXGA J A>I!IFA!E=MA!EB>A@j!BH!HA?AM=G!@I=IOIA@/! 2 : 876B&' 7?76<k6T& ; 6>E&OC=  
C? ; B8&LE&' H? IFH: 6<<PD!ZU [!9/5/!Tm\_ -!Tmm-!TmW!eRSaUg!eMAKAM@L>Q!L>!L J J LQM=ILB>!P=@A!=HIAM!MAKLA ] !  
BH! ] =MM=>I!HBM! ?AXBMI=ILB>g/!#QA>PLA@! J O@I!HBGG B ] !IFALM!B ] >!iA\@L@IL>Q!K=GL? !MAQOG=ILB>@-j!AKA>!  
] FAMA!QBKAM> J A>I!BHHPAM@!F=KA!EMB=?! ?L@PMAILB>-!@OPF!=@!L>!IFA!=MA=!BH!L J J LQM=ILB>!)B/!=I!TmWI!  
<66&?><9! \$ 9;79: &LE&' I8M-!URa!9/5/!RSS-!TZa!eRS [Ug!eis&tI!L@L>PO J EA>I!OXB>!=QA>PLA@!IB!HBGG B ] !  
IFALM!B ] >!XMBPA?OMA@!//!//!AKA>] ] FAMA!sIFANt!=MA!XB@@LEGN! J BMA!MLQBMBO@!IF=>!BIFAM ] L@A! ] BOG?!EA!  
MABOLMA?/jgl!4?77>6&LE&S00-!ZSZ!:/Z?!RZZ\_-!RZZm!e7 / ' /! ' LM!T\_\_aglei OCC? ; B8!F=@!PB J A!IB!@I=>?!HBM!  
IFA!XMBXB@LILB>!IF=I!=QA>PLA@! J =N!>BI!KLBG=IA!IFALM!B ] >!MOGA@!=>?!MAQOG=ILB>@!IB!IFA!XMA^O?LPA!BH!  
BIFAM@/jg/! ; MA=PFA@!BH!OCC? ; B8^@!MOGA!PB>@ILIOIA!KLBG=ILB>@!BH!EBIF!IFA!#? J L>L@TM=ILKA! "MBPA?OMA@!  
#PI!ei # " # jg!=>?!IFA! : LHIF!# J A>? J A>I^@!7OA! "MBPA@@! ' G=O@A/!!

ST!



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ZRa/ 6 FLGA!KLBG=ILB>@!BH!iL>IAM>=G!=QA>PN!XMBPA?OMA@j! ?B!>BI!=G ] =N@!MabOLMA!=!MA J A ?N-!  
 OCC?;B8^@!MOGA!=XXGLA@! ] LIF!HOGG!HBMPA! ] FA>!i IFA!MLQFI@!BM!L>IAMA@I@!BH!IFA!BE^APIL>Q!X=MINj!=MA!i =H4  
 HAPIA?/j! \$ 9: 87>>?&LEk), 'D&STm!: /T?!RmT-!Rm[!eT?! ' LM!'RSSRg!ePLIL>Q!P=@A@g!ei #PP=M?L! ?BPIML>A!L@!  
 XMA J L@A? !B>!HO>?= J A>I=G!>BILB>@!BH!H=LM!XG=N!O>?AMGNL>Q!IFA!PB>PAXI!BH! ?OA!XMBPA@@jg!<66k?><9k  
 5 8><9: &LEk \*9KK^; &9@k '9CEk '6CE-!Z[W! : /Z?!aUR-!aUa4Um!emIF! ' LM!'T\_\_Ug!e>BIL>Q!IF=I! =>!OCC?; B8!KLB4  
 G=ILB>! J =N!EA!=! ?OA!XMBPA@@!KLBG=ILB>-! =>? !IFA!QBKAM> J A>I^ @!=PILB>! J =N!EA!@AI!=@L?A!XOM@O=>I!IB!  
 IFA!# " #g! ' ?K66: ?Dk): CE&LEk 2E 'EkO8; &S9; C6-!RU[! : /Z?!RRUW-!RRaZ!eSIF! ' LM!'RSSWg!ei #>! =QA>PN^ @!  
 H=LGOMA!IB!HBGGB ] !LI@!B ] >!MAQOG=ILB>@!/!/!/! J =N!MA@OGI!L>!=!KLBG=ILB>!BH! =>!L>?LKL?O=G^ @!PB>@!LIOILB>=G!  
 MLQFI!IB! ?OA!XMBPA@@/jg/!

+K' (H=H@'+J@=H@<'&=>V@J'

ZRm/ \$FA!7OA!"MBPA@@! ' G=O@A!iL J XB@A@!=! ?OIN!B>!@I=IA!=PIBM@!IB!XMBIAPI!BM!P=MA!HBM!PLIL4  
 kA>@!L>! ] FA>!IFA!@I=IA!=HHLM J =ILKAGN!XG=PA@!=!X=MILPOG=M!L>?LKL?O=G!L>!=!XB@LILB>!BH! ?=>QAM!IFA!L>?L4  
 KL?O=G! ] BOG?!>BI!BIFAM ] L@A!F=KA!H=PA?/j! - ; 6F9; P&LEk \*87P&9@k "9F6;<DkO; R-!S[U! : /T?!R\_\_m-!R\_R\_!  
 eWIF! ' LM!'RSSTg!eA>!E=>Pg/!

ZR[/ \$FA!QBKAM> J A>I!KLBG=IA@! =>!L>?LKL?O=G^ @!MLQFI!IB! ?OA!XMBPA@@! ] FA>!LI!eRg!i=HHLM J =4  
 ILKAGN!XG=PA@t!sIFAt!L>?LKL?O=G!L>!?=>QAM-j!eTg!EN!i=PIL>Q! ] LIF!r?AGLEAM=IA!L>?LHHAMA>PA!IB!s=t!  
 Y>B ] >!BM!BEKLBO@! ?=>QAM^ j! ! 6: : 6BP&LEk \*87P&9@k "8BF6@86>B-!UZS! : /Z?!R\_aa-!R\_mT!eSIF! ' LM!'T\_\_mg!  
 ebOBIL>Q! \$ I: F6; &LEk \*87P&9@k - >?<F9V

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ZRW/ i#!?OIN!BH!XMBIAPILB>!=ML@A@! ] FAMA!IFA!@I=IA!F=@!=!PO@IB?L=G!MAG=ILB>@FLX! ] LIF!IFA!  
 L>?LKL?O=G-!=ML@L>Q!HMB J !@OPF!PLMPO J @I=>PA@!=@!L>P=MPAM=ILB>!L>!XML@B>!BM!L>KBGO>I=MN!PB J J LI4  
 J A>I!L>!=! J A>I=G!L>@ILIOILB>/j! I ?L&<&LE& \*?;76;-!aaa!:/Z?!S[S-!SWT!>/T!eRRIF! ' LM/T\_\_Sg!\$FA!B>GN!  
 MAG=ILB>@FLX@!IF=I!=OIB J =ILP=GGN!QLKA!ML@A!IB!=!QBKAM> J A>I=G! ?OIN!IB!XMBIAPILB>?LKL?O=G@!HMB J !F=M J !  
 O>?AM!IFA!@OE@I=>ILKA!?OA!XMBPA@@!PG=O@A!MA!PO@IB?L=G!MAG=ILB>@FLX@!IFMBOQF! ] FLPF!IFA!QBKAM>4  
 J A>I!?AXMLKA@!L>?LKL?O=G@!BH!IFALM!GLEAMIN!=>?!IFO@!BH!IFALM!=ELGLIN!IB!I=YA!P=MA!BH!IFA J @AGKA@!! '66&  
 5 H876&LE&/6K?CR<-!RWZ!:/Z?!RTaZ-!RTa[ !eRRIF! ' LM!RSSSg!

ZRS/ \$FA!QBKAM> J A>I!=PI@! ] LIF! ?AGLEAM=IA!L>?LHHAMA>PA!IB!=!Y>B ] >!BM!BEKLBO@! ?=>QAM!  
 ] FA>!LI!MAPBQ>LkA@! =>!O>MA=@B>=EGA!ML@Y! =>?!=PIO=GGN!Y>B ] L>QGN!A \ XB@A@!IFA!XAILLB>AM!#>!O>4  
 MA=@B>=EGA!ML@Y!L>PGO?A@!HOIOMA!F=M J !P=O@A?!EN!PB>?LILB>@!BH!PB>HL>A J A>I! '66&O6>>8: F&LE& \$ C ! 8:=  
 :6P-!a\_S!9/5!/Ta-!ZZ!eRSSZg!

+) ! (% (' , . ') + \$ # , ''

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+ , ! "\$' , "%'7' ) - - ) . /0'& , + \$ \* # "%'E . # . \$ - ' ) 0 % " & 0 % " \$ b ) 4 ) Q'c

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ZTm/ %A@XB>?A>I@!F=KA!H=LGA?!IB!PB J XGN! ] LIF!IFA! ' 7 ' !QOL?AGL>A@/!!%A@XB>?A>I@!F=KA!  
>BI!isAt>@OMAs?t!IF=I!@OHLPLA>I!@IBPY@!BH!FNQLA>A!@OXXGLA@-!PGA=>L>Q!@OXXGLA@-! " " , -! => ?! J A ?LP=G!  
@OXXGLA@/!/!/!=MA!B>!F=>?/j!\*9KA?;6k ' 7 ' ! ) OL?=>PA!=I! [ !e#XX\!&-!, \F/!:-!=I!aUgl!V87Hk 7 APG=M=4  
ILB>@!BH!&>?LKL?O=G@! 7 AI=L>A?!=I!=GG!IFMAA!H=PLGLILA@C! ( MB J A!e 6 =M@=>A! 7 AP/-!<=@=>! 7 AP/-! : =M=F!  
7 AP/-!#MM=Y! 7 AP/g! ) G=?A@!e 7 =LMB>! ; =MMA?B!5=>PFak! 7 AP/-!!\$=FL J L!" AMAk! 7 AP/-! : M=>YGL>!%= J B>!  
) B>k=Gak! 7 AP/-! ) AM=M?B! 8 =MQ=@! 7 AP/-! => ?! : M=>PL@PB!%LKAMB! 8 =GAMB>! 7 AP/g! => ?! ; \$ ' !e

Sm!

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ZTS/ %A@XB>?A>I@!F=KA!>BI!L J XGA J A>IA?!=?AbO=IA!@BPL=G!?!L@I=>PL>Q!XM=PILPA@/!\*9K=  
A?;6k ' 7 ' ! ) OL?=>PA!=I!RR!e#XX\!&-! , \F/!:-!-I!aWg!V87Hk 7 APG=M=ILB>@!BH!&>?LKL?O=G@!7 AI=L>A?!=I!  
=GG!IFMAA!H=PLGLILA@C! ( MB J A!e 6 =M@=>A! 7 AP/-!<=@=>! 7 AP/-! : =M=F! 7 AP/-! #MM=Y! 7 AP/g! ) G=?A@!e

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L>!PGB@A!@GAAXL>Q-!A=IL>Q-!>?!GLKL>Q!bO=MIAM@!=I! ( MB J A-! ) G=?A@-!>?! ; \$ ' /! : OMIFAM-!EAP=O@A!%A4  
@XB>?A>I@!P=>!>?!@FBOG?!MAGA=@A!" AILILB>AM@!>?!IFB@A!@L J LG=MGN!@LIO=IA?-!iPBFbMI!bO=M=>IL>Aj!L@!  
>BI!IFA!B>GN!i=K=LG=EGA!BXILB>/j!!!

ZZZ/ ' BFBMIL>Q!L@!>BI!IFA!@= J A!=@!bO=M=>IL>A!BM! J A?LP=G!L@BG=ILB>!=>?!IFA! ' 7 ' ! J =YA@!  
LI!PGA=M!IF=I!PBFbMIL>Q!L@!IB!EA!O@A?!B>GN!=@!!=!G=@!MA@BMI!L>!IFB@A!iPBMMAPILB>=G!H=PLGLILA@!>?!?AIA>4  
ILB>!PA>IAM@?!B!>BI!F=KA!A>BOQF!L>?LKL?O=G!PAGG@j!HBM!bO=M=>IL>A!BM! J A?LP=G!L@BG=ILB>/!&>IAML J !  
) OL?=>PA-!>I!Z-!Ra!e#XX\-, \F/! : -!>I!a\_-!mTg!\$FA! ' 7 ' !>?!BIFAM! J A?LP=G!A\XAMI!BXL>LB>@!PB>4  
HLM J !IF=I!PBFbMIL>Q!L>?LKL?O=G@! J FB!F=KA!>BI!EAA>!PB>HLM J A?!IB!EA!L>HAPIA?! J LIF! ' . 8 & 7 4RS!  
iXOI@!AKAMNB>A!>I!KAMN!FLQF!ML@Y!BH!PB>IM=PIL>Q!>?!@XMA=?L>Q! ' . 8 & 7 4RS/j!5FL>!7 APG/-!o!ZZ!  
e, \F!Tg/!!!

ZZZ/ .>! 2 =MPF!ZR-!T\_T\_-!IFA!"MA@L?A>I!OX=?-IA?!IFA!QOL?=>PA-!MA>= J L>Q!LI!iZ\_!7=N@!IB!  
5GB J !IFA!5XMA=?-j!>?!>GB>Q! J LIF!IFA! 6 FLIA!<BO@A! ' BMB>=KLMO@!\$=@Y! : BMPA!OMQA?!# J AMLP=>@!IB!  
PB>IL>OA!IB!>?FAMA!IB!IFA! ' 7 ' !QOL?AGL>A@!>?!A\X=>?!PB J J O>LIN! J LILQ=ILB>!AHHBMI@/j! . >!#XMLG!R-!

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PB J XGN! ] LIF! ' 7 ' !QOL?AGL>A@!B>!@BPL=G!?L@I=>PL>Q!>=>?!bO=M=>IL>L>Q!O>GA@@!%A@XB>?A>I@!MAGA=@A!  
?AI=L>A?! J A>!>?! ] B J A>!B>!>G=MQA!@P=GA/j!!)BEk=I!oo!ZS4U\_!! 7M!5FL>!PB>PGO?A?!IF=I!LI!L@!i J N!  
XMBHA@@LB>=G!BXL>LB>!IF=I!H=LGOMA!IB!MAGA=@A!?OML>Q!IFA! ' . 8 & 74RS!X=>?A J LP!L@!=!KLBG=ILB>!BH!IFA!





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XG=PA!" AILILB>AM@!=I!QMA=IAM!ML@Y!BH!PB>IM=PIL>Q!' . 8 & 7 4RS!EN!L J XGA J A>IA?!XM=PILPA@!IF=I!IM=>@HAM!  
XABXGA!L>IB!=>?!BOI!BH!H=PLGLILA@-!=>?!A J XGBN@!PBFBMI!bO=M=>IL>L>Q!=XXMB=PF!h!IF=I!?M=@ILP=GGN!L>4  
PMA=@A@!IFA!?=>QAM!BH!IFA!KLMO@!@XMA=?L>Q!/%A@XB>?A>I@!F=KA!=PIA?! J LIF!?AGLEAM=IA!L>?LHHAMA>PA!IB!  
IFA!PGA=M!AGAK=IA?!GAKAG@!BH!IFMA=I!P=O@A?!IB!" AILILB>AM@/!!

ZaT/ !%A@XB>?A>I@!F=KA!=HHL J =ILKAGN!XG=PA?!" AILILB>AM@!L>!?=>QAM!EN!HBMPL>Q!IFA J !L>IB!  
=!XB@LILB> J BMA!?=>QAMBO@!IF=>!LI!HBO>?IFA J -!A \XB@L>Q!IFA J !IB!AGAK=IA?!?=>QAMBO@!EN!H=LGL>Q!IB!  
HBGGB J L>Q!' 7 ' !QOL?AGL>A@!L>PGO?L>Q!EN!IM=>@HAMML>Q!XABXGA!= J B>Q!H=PLGLILA@!=>?!L J XMBXAMGN!O@4  
L>Q!PBFBMI!bO=M=>IL>A@!L>! J =>>AM!IF=I!XG=PA@!" AILILB>AM@!L>! J BMA!?=>QAMBO@!@LIO=ILB>!IF=I!LI!  
HBO>?IFA J !/%A@XB>?A>I@ J =?A!IFA!=HHL J =ILKA!?APL@LB>!IB!>BI!MAGA=@A!" AILILB>AM@!BM!O@A! # \$ 7 @-!  
=>?!L>@IA=?!L J XGA J A>IA?!PBFBMI!bO=M=>IL>A@!L>! J =>>AM!IF=I!M=@ILP=GGN!L>PMA=@A!IFA!XB@@LELGLIN!  
BH!IM=>@ J L@@LB>-!L>HAPILB>-!=>?!H=PLGLIN4 J L?A!BOIEMA=Y!EN!QMBOXL>Q!IBQAIIFAM!XABXGA! J FB!F=KA!=G4  
MA=?N!EAA>A \XB@A?!IB!IFA!KLMO@/! '66&5FL>!7 APG!/oU\_e , \F!/TgI! ) MAAM!7 APG/-!ooZU4Za!e , \F!/Zg/!!!!

ZaZ/ %A@XB>?A>I@!PB>IL>OA!IB?!AI=L>!" AILILB>AM@! J LIFBOI!I=YL>Q!>APA@=@=MN!XMAP=OILB>@!  
IB!MA?OPA!IFA!ML@Y!BH!' . 8 & 7 4RS!IM=>@ J L@@LB>!/%A@XB>?A>I@!F=KA!IFO@!A \XB@A?!" AILILB>AM@!IB!!=!  
QMA=IAM!ML@Y!BH!PB>IM=PIL>Q!' . 8 & 7 4RS!IF=>!IFAN! J BOG?!F=KA!BIFAM J L@A!H=PA?!

ZaU/ %A@XB>?A>I@!PB>IL>OA?!IB!=PILKAGN!L@MAQ=M?!IFA!IFMA=I!BH!IFA!X=>?A J LP!" AILILB>4  
AM@!=MA!?AI=L>A?!L>!PB>?LILB>@!IF=I!A \XB@A!IFA J !IB!=!FALQFIA>A?!ML@Y!BH!PB>IM=PIL>Q!' . 8 & 7 4RS!  
%A@XB>?A>I@!=MA!PB>HL>L>Q!" AILILB>AM@!L>!PGB@A!XMB \L J LIN!IB!BIFAM!?AI=L>AA@!=>?!&' , !BHHL PAM@-!MA>4  
?AML>Q!" AILILB>AM@!A>ILMAGN!O>=EGA!IB!XM=PILPA!>APA@=@=MN!@BPL=G!L@I=>PL>Q/!!!

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H=PA!LH!IFAN! ] AMA!>BI!L>! ?AIA>ILB>! =>?! ] AMA!=EGA!IB!I=YA!>APA@@=MN!XMAP=OILB>@!IB!XMBIAPI!IFA J 4

@AGKA@/!

Zam/ !%A@XB>?A>I@!F=KA!=PIA?-! =>?!PB>IL>OA!IB!=PI-! ] LIF!?AGLEAM=IA!L>?LHHAMA>PA!IB!IFA!

Y>B ] >! =>?!BEKLBO@!ML@Y!BH! ' . 8 & 7 4RS!IM=>@ J L@LB>/!

Za[/ %A@XB>?A>I@!L J XGA J A>IA?!=!PBFBMI!bO=M=>IL>A!=XXMB=PF!IF=I! ?BA@!>BI!PB J XGN!

] LIF! ' 7 ' !QOL?AGL>A@! =>?!?M=@ILP=GGN!L>PMA=@A@!IFA!ML@Y!BH! ' . 8 & 7

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4\* ) 8%\*' . , \*'\*/#% . '

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6 < , % , : . % , ! " AILILB>AM@!MAbOA@I!IF=I!IFA! ' BOMI!QM=>I!IFA!HBGGB J L>Q!MAGLAHC!!

=/ #@@O J A!^OML@?LPILB>!BKAM!IFL@! J =IIAMI!

E/ , >^BL>!%A@XB>?A>I@!HMB J !IM=>@HAMML>Q!" AILILB>AM@-!>?!IFA!PG=@@!IFAN!MAXMA@A>I-

HMB J ! ( MB J A-! ) G=?A@-!BM! ; \$ ' -!O>ILG!IFA! ' BOMI!F=@!?!APL?A?!IFL@!=PILB>I!!

P/ &@@OA!!=! 6 MLI!BH! <=EA=@! ' BMXO@!B>!IFA!QMBO>?!IF=I!%A@XB>?A>I@!PB>IL>OA?!?AIA>4

ILB>!BH!" AILILB>AM@-!>?!IFA!PG=@@!IFAN!MAXMA@A>I-!KLBG=IA@!IFA! 7 OA!"MBPA@@! ' G=O@A!>?!BM?AM!IFA!

L J J A?L=IA!MAGA=@A!BH!" AILILB>AM@!>?!IFA!PG=@@!IFAN!MAXMA@A>I-! J LIF!=XXMBXML=IA!XMAP=OILB>=MN!

XOEGLP!FA=GIF! J A=@OMA@I!

?/ &@@OA!L>^O>PILKA!MAGLAH!BM?AML>Q!%A@XB>?A>I@!IB!L J J A?L=IAGN!MAGA=@A!" AILILB>AM@!

=>?!=GG!@L J LG=MGN!@LIO=IA?!?AI=L>AA@L>! ( MB J A!5AMKLP!"MBPA@@L>Q! ' A>IAM-! ) G=?A@! ' BO>IN! 7 AIA>4

ILB>! ' A>IAM-!>?! ; MB J =M?!\$M=>@LILB>=G! ' A>IAM! J LIF!=XXMBXML=IA!XMAP=OILB>=MN!XOEGLP!FA=GIF!

J A=@OMA@-!B>!IFA!QMBO>?@!IF=I!PB>IL>OA?!?AIA>ILB>!KLBG=IA@!IFA!PB>@ILIOILB>=G! 7 OA!"MBPA@@!MLQFI@!

BH!" AILILB>AM@!>?!IFA!PG=@@!IFAN!MAXMA@A>II!!

A/ &@@OA!!=!?APG=M=ILB>!IF=I!%A@XB>?A>I@!PB>IL>OA?!?AIA>ILB>!BH!" AILILB>AM@!>?!=GG!

PG=@@! J A J EAM@!PMA=IA@!>O>?OA!L>PMA=@A?!ML@Y!BH!@AKAMA!LGG>A@@!BM! ?A=IF-!>?!IFO@!KLBG=IA@!IFA!

7 OA!"MBPA@@! ' G=O@A!!!

H/ &@@OA!>?!BM?AM!XMBFLELIL>Q!%A@XB>?A>I@!HMB J !XG=PL>Q!>A J !?AI=L>AA@L>!IFA! ( MB J A!

5AMKLP!"MBPA@@L>Q! ' A>IAM-! ) G=?A@! ' BO>IN! 7 AIA>ILB>! ' A>IAM-!>?! ; MB J =M?!\$M=>@LILB>=G! ' A>IAM!

O>ILG! ' . 8 & 7 4RS!>B!GB>QAM!XB@A@!!=IFMA=I!L>! : GBML?=@!!

Q/ # J =M?!" AILILB>AM@!IFALM!PB@I@!>?!MA=@B>=EGA!=IIBM>AN@`!HAA@L>!IFL@!=PILB>IO>?AM!

IFA! , bO=G!#PPA@@!IB!00@ILPA!#PI!ei , #0#jg-!=@!= J A>?A?~!a!9/5/ ' /!u!a\_U!>?!TW!9/5/ ' /!u!TURT-!

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=>?!B>! =>N!BIFAM!E=@L!^O@ILHLA?!O>?AM!G= ]I! =>?!!

F/ )M=>I! =>N!BIFAM! =>?!HOMIFAM!MAGLAH!IF=I!IFL@! ' BOMI! J =N! ?AA J !HLI! =>?!XMBXAM!

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7=IA?C!!#XMLG!RZ-!T\_T\_! ! ! ! !

%A@XAPIHOGGN!@OE J LIA? -!

;NC!f@f!%AEAPP=!5F=MXGA@!!!!!!

%, ; , ' ' #!5 < #%" + , 55!

:GBML? =! ; =M! 1 B/\_RZR\_TU!

% . 2 \*! + , % 1 , %!

:GBML? =! ; =M! 1 B/!RRm[RZ!

( # \$ # % & 1 #! 2 /! ) . 2 , 3-! += ]!5IO?A>I!

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2 # % & #! #/! + + . % , 1 5 -! += ]!5IO?A>I!

0# ' . ; !5/! 2 . % 5 , -! += ]!5IO?A>I!

. + & 8 & #! ) /! " # % & 5 , -! += ]!5IO?A>I!

2 # % & #! #/! " & 5 , + + & -! += ]!5IO?A>I!

9 1 & 8 , % 5 & \$ \*! . . : 2 & # 2 & 5 ' < . . +! . . :! + # 6!

& 2 2 & ) % # \$ & . 1! ' + & 1 & '!

RZRR! 2 LGGAM! 7 MLKA! 5OLIA-! , 4T[Z!

' BM=G! ) =EGA@-! : GBML? =!ZZRUm!!

\$AGC!eZ\_ag!TWU4Za[m!

: = \C!eZ\_ag!TWU4m\_ST!

M@F=MXGA@@ ~ G= ] / J L= J L/A?O!

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RR! ; MB=? ] =N-! 5OLIA!mRa!

1 A ] ! \* BMY-! 1 \* !R\_\_U!

\$AG/C!eTRTg!WUZ4\_SR\_!

: = \C!eTRTg!Ta[4[\_ZZ!

QMAQBMN ~ ?AHA>@A>AI ] BMY/BMQ!

@=M=F ~ ?AHA>@A>AI ] BMY/BMQ!

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n+ ; 9kO?Ck ( 8C6kOBK8<<89 : k+6 : B8 : Fk

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R\_a!

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2 #% (!# 1 7% , 6 !" # 7 #!  
:G=;! ; =M! 1 B!/SRSS[!  
# 1 \$ < . 1 \* !%& ' < # % 7 ! 7 . 2 & 1 ) 9 , 3!  
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" # 7 # ! 9 % & 3 # % - ! " + + ' !  
ZRSR! ' BM=G! 6 =N-!5OLIA!a\_\_!

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4%\$\$\$. "%\*74/ )#"\$#. .(`'1%\*#.#+) \$\$. ''

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&! = J !@OE J LIL>Q!IFL@!KAMLHP=ILB>!B>!EAF=GH!BH!IFA!" AILLB>AM4 "G=L>ILHH@!EAP=O@A!&! = J !B>A!BH!