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+,-".\*/01/2314526./7\*01/17898/5\*1/:\*!/7./886./7!#\$%!

S61: 2158\*C8<8164, \*%<<.51/5>\*GHHI \*M\*GHHO

!< :?\* (-!GP!R!8?-: A: 3!@P!]#\$Ed`P!8\*!: ?(\* /0M: . (4!. +D=3: /+1 \*!. 0. / (D!21-!B1 \*B(-/!, (\*=(!B-1A4!(, : B=-: /+1 \*!D14 (3+\*?!+\*! /' (!>- (. (\*B(!12!: !2+ (!4+. : ./(-P! "!" ]I`"!#X\$e0#XE%P!

!< :?\* (-!GP!R!8?-: A: 3!@P!]#\$Ec`P!) .+\*?!: \*!(, 13=+/+1\* : -0!: 3?1-+/' D! /!!. 13, (!/' (!A(+?'/ (4!, +(A!D: /(-+ 3+. : /+1 \*!>-1M3(D! 21-!4: /: !A: -(' 1=. (.P! "!" ]#`"!EI c0EeFP!

!&' ://("!8P!R!8?-: A: 3!@P!]#R!N=' : DD(4"!7P!]#\$F`P!W+\*U+\*?H\*21-D: /+1 \*!7' : -+\*?!: \*4!7=>>3+(-!G(/A1-U!J (. >1\* .+, (\* (. ! A+/' !9(3+, (-0!9 (>(\*4: M3+/0!12!: !S+ DP! "!"#]c`"!ce0%I P!

!&' ://("!8P!R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$X`P!L22(B/!12!+\*21-D: /+1 \*!. ' : -+\*?!: \*4!. =>>3+(-!\*( /A1-U!- (. >1\* .+, (\* (. !\*! /+D(0/10D: -U(!B: >: M3+/0!12!: !2+ DP! "!"X!]#`"!EEX0EcEP!

!9' =D: 3!CP!R!8?-: A: 3!@P!]#\$X`P!C(-21-D: \*B(!L, : 3=: /+1 \*!12!7(-+ 3!S3!A!70. / (D. ;!8\* : 30Z+\*?/' (!HD>: B/!12! < 1-U21-B(! S3(b+M3+/0!: \*4!&: .U!&+D(!@: +: /+1 \*!) .+\*?!7+D=3: /+1 \*P! "!"Ed]#`"!E#F0EcFP!

!8?-: A: 3!@P!]#R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$X`P!L\* : M3+\*?U\*1A3(4?(!. ' : -+\*?!/' -1=?' !+\*/-+\* .#B!D1+/+ : /+1 \*!: \*4! >(-B(+, (4H&!. =>>1-/P! "!"E#]c`"!#E0cI P!

!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$e`P!Lb>31-+\*?!>(-B(>/+1 \*!12!/(B' \*13!70! =. (2=3\*( . !. !: !D(4+ : /1-!M(/A(( \*H&K! . =>>1-!/: \*4!U\*1A3(4?(!. ' : -+\*?! "!"e]#`"!E0XP!

!8?-: A: 3!@P!]#R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$e`P!Lb>31-+\*?!>(-B(>/+1 \*!12!/(B' \*13!70! =. (2=3\*( . !. !: !D(4+ : /1-!M(/A(( \*H&K! . =>>1-!/: \*4!U\*1A3(4?(!. ' : -+\*?! "!"e]#`"!E0XP!

!8' D(4"!NP!]#R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$X`P!L\* : M3+\*?U\*1A3(4?(!. ' : -+\*?!/' -1=?' !+\*/-+\* .#B!D1+/+ : /+1 \*!: \*4! >(-B(+, (4H&!. =>>1-/P! "!"E#]c`"!#E0cI P!

!8?-: A: 3!@P!]#R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$X`P!L\* : M3+\*?U\*1A3(4?(!. ' : -+\*?!/' -1=?' !+\*/-+\* .#B!D1+/+ : /+1 \*!: \*4! >(-B(+, (4H&!. =>>1-/P! "!"E#]c`"!#E0cI P!

C!A!C!! "\$()A!C!) \$!+C(\$!! "' )S; \*%) ""\*%?; &C%\$&; \*

!9: 3("!KP!R!8?-: A: 3!@P!]#R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$X`P!L\* : M3+\*?U\*1A3(4?(!. ' : -+\*?!/' -1=?' !+\*/-+\* .#B!D1+/+ : /+1 \*!: \*4! >(-B(+, (4H&!. =>>1-/P! "!"E#]c`"!#E0cI P!

!a=>/: "!"7P!]#R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$X`P!L\* : M3+\*?U\*1A3(4?(!. ' : -+\*?!/' -1=?' !+\*/-+\* .#B!D1+/+ : /+1 \*!: \*4! >(-B(+, (4H&!. =>>1-/P! "!"E#]c`"!#E0cI P!

!8?-: A: 3!@P!]#R!N=' : DD(4"!7P!]#R!N=' : DD(4"!7P!]#\$X`P!L\* : M3+\*?U\*1A3(4?(!. ' : -+\*?!/' -1=?' !+\*/-+\* .#B!D1+/+ : /+1 \*!: \*4! >(-B(+, (4H&!. =>>1-/P! "!"E#]c`"!#E0cI P!

9' =D: 3!CP!R!8? -: A: 3!@P!]#\$X`P!5>/+D: 3!9(/(-D+\*: /+1\*!12!7(-, +B(!K: >: B+/0!21-!70./ (D.!A+! !7(\*. +/+, (!8--+, : 3!J: / (P!  
"IQ: 3/+D1-(!"N9"!G1, (DM(-!##0#%P!

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8?-: A: 3!@P"!N=' : DD(4"!7P"!R!&' : //(!"18P!]#\$X`P!N1/+, : /+1\*!: \*4!U\*1A3(4?(!. ' : -+\*?;!J13(!12!>(-B(+, (4!#&! .=>>1-/P!  
"!5-3: \*41"!SW"!Y: \*=: -0!#0%P!]?8<5\*+1D86\*%K16: `!

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&' : //(!"!

7+D: U"!Yp!g(3(0"!7P!R!8? -: A: 3"!@P!]#\$E!`P!L\*/-(>-( \* (= -.' +>"!H\*1, : /+1\*!: \*4!5-?: \*+B!a-1A/' !A+' \*!@(-/!B: 3!712/A: -(!  
S+D.P! N+: D+!SWP!  
!  
8? -: A: 3"!@P!R!7=\*4: - : -? ' ; , : \*"!CP!]#\$E%P!L./+D: /(.!12!/' (!C(-B(\*!43(.!12!/' (!N: b+D=D!12!: !7(!/!12!J: \*41D!@: -+; M3(.P!  
"!7(: //3("!<8!G1, (DM(-!#E0#dP!  
!  
7=\*4: - : -? ' ; , : \*"!CP7P!8? -: A: 3"!@P!h' : \*?"!iP!R!K: .: M+: \*B: "!8P!]#\$Ed`P!N+\*+D: b! !C(-B(\*!43(!12!N: U(.>: \*!+\*!C: - : 33(3!  
N: B' +\*(!7B' (4=3+\*?C-1M3(DP! "  
&: D>: "ISW!G1, (DM(-!#0#%P!  
!  
< : ?\* (-!GP!R!8? -: A: 3"!@P!]#\$E#`P!LD(-?(\*B0!9(B+. +1\*!7=>>1-!) .+\*?!: \*!8?(\*!0M: . (4!N14(3+\*?!8>>-1: B' P!  
"!<: . ' +\*?/1\*!9K"Y=\*(!EE0EdP!  
!  
9' =D: 3"!CP!R!8? -: A: 3"!@P!]#\$X`P!5>/+D: 3!9/( -D+\* : /+1\*!12!7(-, +B(!K: >: B+/0!21-!70./ (D.!A+' !7(\*. +/+, (!8--+, :3!J: / (P!  
"!Q: 3/+D1-(!"N9"!G1, (DM(-!#0#%P!  
!  
8? -: A: 3"!@P!N=' : DD(4"!7P!R!&' : //(!"8P!]#\$X`P!N1/+, : /+1\*!: \*4!g\*1A3(4?(!7' : -+\*?!; J13(!12!C(-B(+, (4!H&!7=>>1-/P!  
"!SW"Y: \*=: -0!#0%P!]78<5\*+1D86%K16: `P!  
!  
&' : //(!"8P!8? -: A: 3"!@P!R!N=' : DD(4"!7P!]#\$X`P!W+\*U+\*?!+\*21-D: /+1\*!.' : -+\*?!: \*4! =>>3+(-!\*( /A1-U!-(.>1\* .+, (\*(.!A+' !  
4(3+, (-0!4(>(\*4: M+3+/0!12!: !2+DP!8>>3+(4!Q=.+\*(.!.!J(. (: -B' !: \*4!K133(?(!&(: B' +\*?!R!W(: -\*+\*?!K1\*2(-(\*B("15-3: \*41"!SW!  
Y: \*=: -0!#0%P!  
!  
N=' : DD(4"!7P!R!8? -: A: 3"!@P!]#\$E`P!Lb>31-+\*?!C(-B(>/+1\*!12!&(B' \*131?0!) . (2=3\*(.!.! : !N(4+: /1-!M(/A(((\*!HK&!  
.=>>1-!/: \*4!g\*1A3(4?(!7' : -+\*?! "W: .!  
@(? : ."!G@"!5B/1M(-!Ed0EeP!  
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8? -: A: 3"!@P!G: \*4U(130(-!)P!7=\*4: - : -? ' ; , : \*"!CP!R!8' D(4"!NP!]#\$X`P!7+D=3: /+1\*!N14(3!: \*4!8\*: 30.+!12!: !9: /: !  
< : -( ' 1=. (!

#/: 86Y761: 2158\*

9: /: !@+, =: 3z: /+1\*!=. +\*?!LbB(3"!5>(-: /+1\* .!N: \*: ?(D(\*!/1]\*3+\*(!: \*4!2: B(0/102: B(^!N: \*: ?(D(\*!/7B+(\*B(!C-1\B/  
N: \*: ?(D(\*!/C-+\*B+>3(.!12!9: /: M: . (!N: \*: ?(D(\*!/70./D.!84, P!9QN7!]7\_W!A#/' !5-: B3(!E\$a"!C-1?-: DD+\*?!A#/' !  
84, : \*B(4!CW^7\_W!]5-: B3(!E\$a"!70./D.!8\*: 30.+!: \*4!9(.+\*?!N: \*: ?(D(\*!/H\*21-D: /+1\*!70./D.!H\*/-1!/1!Y: , :!  
C-1?-: DD+\*?!LB1DD(-B(!C-1\B!/N: \*: ?(D(\*!/P!

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;!CZ'\$!%\$&'Z'&'!;!;

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[E26/1=C8V.8K86\*

9(B+. +1\*!7B+(\*B(!Y1=-\*: 3!12!9: /: !7B+(\*B(!: \*4!8\*: 30/4B. "!



+C([!\$&!;

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+6EN845! /7./886\*M\*A142-5F! XD865.<8\*; F<589"!S: 0(//(. #33(!7:/(!) \*+, (-.#0"!#\$X0#\$\$F!  
S: B=3/0!Lb>(-/+.(!70./(!D!+!;!A(M!M: .(4!.(: -B'!(?+\*(!A'(-(!: \*0!+\*/(-./(!>(-.1\*!A+/' +\*!1-!1=/.+4(!/' (!1-?: \*+Z: /+1\*!  
B: \*!?!: \*4![=+BU30!31B: /(!4(.+(4!2: B=3/0!D(DM(-.!M0!/' (+!:-(!: !12!(b>(-/+.(!M0!D(- (30!=-.\*?#!U(OA1-4. !S: B=3/0!  
Lb>(-/+.(!70./(!D!./1-(.!:!' 1-/4(.B->+/+.(!>-123(!12!: 3!2: B=3/0!D(DM(-.!A1-U+\*?!: /S7) !+\*!: !4: /: M: .(!  
]' //;>^21-D.2>P=\*B2.=P(4=^M(^-(.(: -B' ^H\*/-1&1S: BLb>70.P' /D' P!Y1M!-(. >1\*. #M3+/+(. !+\*B3=4(!;

C-1\ (B!/!>3: \*\*+\*?!4(. +?+\*?!4(. (31>+\*?!/(. /+\*?!: \*4!+D>3(D(\*+\*?!  
&(B' \*131?0!=(. (4;!87CPG(!/cP%!7\_W!7(-, (-!#\$\$\$"!@QPG(!/!<+\*41A.!! C!

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+6EN845! /7./886\*M\*&((B1!8=/1D1+/+.(!a8"! )78"IEFFF0#\$\$\$!  
&((B1!8=/1D1+/+.(!AAA/((B1!B1D !+!;! ?31M: 3!3(: 4(-!+\*!:=/1D1+/+.(!(D+. .+1\* .! : \*4!+4(!B1\*/-13!>-14=B/. P!Y1M!  
-(. >1\* . #M3+/+(. !+\*B3=4(!;

<1-U+\*?!+\*!/' (!B: >: B+/0!12!/( : D!3(: 4(-!  
8=/1D: /+\*?!/' (! [= : 3+/0!B1\*/-13!.0./ (D! =. (4!/1!D1\*+/1-! : \*4!D(: .=-(!>(-21-D: \*B(!12!/' (!>-14=B/+1\*!  
3+\* (! =.+\*?!>-1B(. .!B1\*/-13!B' : -./!  
N: \* : ?+\*?!: 33!>' : . (!12!>-1\ (B!/!' : /!+\*B3=4(. !>-1\ (B!/!+\*+/+ : /+1\*!.0./ (D!-( [= (. /!A1-U!>3: \*!"  
-( [=+ (D(\*./!?: /' (-+\*?!: \* : 30.+."!4(. +?+\*!. 12/A: -(!4(. (31>D(\*./! : \*4!/(. /+\*?!+D>3(D(\*./+1\*!: \*4!  
B=. /1D(-!/-: +\*+\*?!  
712/A: -( ! =. (4!+\*B3=4(!; !<+\*41A. !#\$\$\$"!@Q!IP\$"!N7!LbB(3!#\$\$\$"!5WL!!

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\$(O+#&!C\*; ^'UU; \* \*

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C-1?-: DD+\*?W: \*?=: ?(. ;!Y: ; : !G(/W1?1"!7\_W"!CW^7\_W"!@QPG(!/!Km"!Y: ; : !7B->/"!S1-/-: \*!  
9: /: M: . (!5-: B3(!E\$a"!7\_W!7(-, (-"!N7!8BB(. ."!N07\_W!  
<(M!