

! " #

7AQ<X:.B3673NA>8AV.79<B6E.8.RcN<79A>8AM.^ 3=<?<6A9EB673O.C79CP6BC.B937<.dBA7@W>A53.
H99<X<:

kn #%o m Š_{tp<0} up p p |

0

6

,

!2.] [RN<

knip'1 p# 62pp# # mp |

/ \$: 8 * ') 1 /2] [RN<.<>F i RN\.<C6.†' ^
+ %

ko n q p d p 0Y p p# # mr o l l • mOp i pp) st |

/ - 1 9 9 /2

2N3N3=. j RX<OO<4.]O8N.AOR.8.U9<53B937A>8A.H99<X<^U@9.cAb<6EP.cN3N3=37.8.A53.
c3B9<>8A.3B6<>A6BC.><."AO9A.43.=3>h<ll. 2 3T63OR.dBA7@W>8K.H99<X.><cN<79CA6.9P4AKv.
=363N@A.?<Q8Q<P6.NA9858P.36.>37377A4A>8Kll. 2 3T63OR.C.7BA.7NAOC.7<O.5373NP:.
7)<I .2 363OR.b63.AB98.O@.>A.733NRS 8OBC.?><>8CO8v.c3B6N3A>>@O8.

k , l p p {#o n o l p/ p,m |

6

: 4 !2.] [RN<.<9EFHX?<UV.<C6. • ... ^.

3) # !.F.A A

—63F63.BcN3B86:.

H.6<=SA: #) / !2.] [RN<.<9EFHGN<ŒV.<C6.' aa^
k

k

BAN4hAM.

f AKX.R9EFYB9<O.N<BB=<?@7<A6.3U.RUAS4A>8CXV.63.AB6E.3.7ANA.7.H99<X<V.7.g53.<>5A937V.7.
g53.c8B<>8CV.7.g53.c3B9<>>8=37V.7. [R4>@K. ^ A>E.8.7.cNA43cNA4A9A>8A.7BA53.X3N3WA53.8.

`a}^

H.cN3.cNA43cNA4A9A>8A.dBA7@W>8K.H99<X.5373N86:

k

B=<SA6:. 4

<I

gB6AB673.bA937A=<.RB6N3A>3.6<=|.b63.3>.7AN86.7.BRQAB6737<>8A.dBA7@W>A53.H99<X<.8.7.
g53.A48>B673|.dBA7@W>8K.H99<X.B=<?<9:

k/p q01p 'pp o n p o p l p o p o l l d q p ' p p) o n p p o p m o n p k n n> # p š% vlp # p s p p p p m
' _` Å p H p p p o p) p, sl l# plo p o p o n np

' 2 ? >

\$ = 3) = 3 ; * '

3 ' * ' 2

.....

.....

.....

; 3)

H99<X<.]O8N.AOR.8.U9<53B937A>8A.H99<X<^.B=<?<9:.*7''
j RB98O\.__'℥
d.B<O3O.cNA43cNA4A9A>>3O.O3SA6.U@6E.?93℥. i <cN8OAN\.?OA8\B=3Nc83>@\V.48=8A.?7AN8\.
U39A?>8\UA4>3B6E\.?<BRX<.8.6<=.4<9AA℥.d.T68X.7AQ<X.O3SA6.U@6E.?93.49C.bA937A=<\.c363OR.
b63.3>8.>AcN8C6>@.AOR℥.\<=SA.><cN8OAN\RU8KB67<\.5NAX8\.>A7AN8A\.>AbAB68A.8.6<=.4<9AA℥.

73cN3B<X.><.B73K.N<?RO||.
23T63OR.3>8.5373N Cré.

4 :)

8

!2.] [RN<.<>F i <X9E\<C6.`_^

23T63OR.N<?RO.c3>8O<A6\>b63.>A.O3SA6.U@6E.6<=353\>b63.H99<X<.=63F63.B3?4<9\>.1<?RO.

c3467ANS4<9.T63.4AKB678AOM. e 4><S 4@V.cN3N3=.]O8N.AOR.8.U9<53B937A>8A.H99<X<^,cN3bA9.
<C6:

k , l! p , l p p/ p, p s p/t |

; # * 4 ;) 4 !M.] [RN<.<>F i 8B<V.<C6.}a^
H.?<6AO.c393S 89.B73K.U39EW3K.c<9Ah.><.cN<73A.RX3V.<.R=<?<6A9E>@K.c393S 89.><.59<?M. [O M.
D³4<6X.R9EF“<N8LV. ’ ...‡..._...M.
\<=8O.3UN<?3O.cN3N3=.]O8N.AOR.8.U9<53B937A>8A.H99<X<^,c3467AN489.B9RX.8.?NA>8A.
dBA7@W>A53.H99<X<M.

/ & ' /" % " H J H
2N8OAN37.c343U>353.N34<.AQA.OA>EWAM.d.cN8OAN.O3S>3.cN87AB68.X<48B.3.N<U@>AM.
2N3N3=.]O8N.AOR.8.U9<53B937A>8A.H99<X<^,BcN3B89.N<U@>P:.*E +"" 9-.e><.367A689<:.
*:> % - .Y.cN3N3=.]O8N.AOR.8.U9<53B937A>8A.H99<X<^,B=<?<9: * %
/ (8 &- . j RB98OV.}..._M
\<=SA.B33UQ<A6BCV.b63.ÔHU4R99<X.U8>. j <BÔR4V.4<.U 937<9I68 CÀ2 3Ah8OA99<X<=<?<9R19* B Á

:“X<N8V(Ö))Y.®R

64`63.O3S9I6â ä cN3B86E:.

UR=7@.J898.B937<^V.98U3.cR6AO.8?OA>A>8C.359<B373=.7.B937<XIII.\<=.c3B6Rc898.ORG6<?8986@V
4S<XO86@.8.<WG<N86@V.=363N@A.8?OA>898.<C6:

k

36>3WA>88. [AUC.8?.8OA>.8.<6N8UR637ℓ.e 6N8h<>8A.O3SA6.U@6E.c39>@Oℓ.<.O3SA6.U@6E.8.
b<B68b>@Oℓ.
2N87ANSA>h@.BR>>@.8.4S<O<G<.>A.36N8h<P6.>8.34>3.8?.8OA>.dBA7@W>A53.H99<X<.8.g53.
<6N8UR637ℓ.>A.367AN5<P6.8Xℓ.<.><cN3687.c3467ANS4<P6.8X.c39>3B6EPℓ.
dBA7@W>8K.H99<X.5373N86:.

kℓ/ ꞑꞑ n (ꞑ n ꞑꞑ ꞑꞑ

$$k \ n \ ! \ \S \ \pm \ l \ \S \ \ p \ \hat{p} \ m \ \< \ o \ p \ \ l \ u \ l \ p, \ p \ \hat{I} \ o \ p \ |$$

$$\mathbf{0} \qquad \qquad \qquad , \qquad \qquad \qquad = \# \quad \mathbf{6} \qquad \qquad \qquad * \quad \mathbf{4} \qquad \qquad ; \quad) \mathbf{4} \quad \mathbf{!} \mathbf{2} .] \ [\text{RN} < . < \text{WF} \ f \ \text{RN} < \mathbb{V} . < \text{C6} . ' \ ' ^$$

$$+ \ \%$$

$$k \ , \ \oplus \rangle \ \ l \ l \ p / \ \ n \ \Gamma ' \ n \ \ p \ p \ m \ |$$

$$/ \ \mathbf{6} \qquad \qquad \qquad , \qquad \qquad \qquad) \quad = \qquad \qquad \qquad / \mathbf{2} .] \ [\text{RN} < . \backslash < . \mathbb{Z} < \mathbb{V} . < \text{C6} . ' \ ' ^$$

$$\& \qquad \qquad \qquad , \qquad \qquad \qquad I \ . \ [\text{Oll} . \times \ j \ < \mathbf{4} \text{SOR} < \mathbf{6} \text{R9E} . \tfrac{3}{4} < \mathbf{6} < \mathbf{7} < \emptyset .$$

k&ph op # us l o u,l o n /m Š' o l oÄl vÄö m p áÃ m p p p #m p (# p p p >> # òl p ðo vlx p s p p st fz
p/ n p o p p # us ' p) o n np /m q p en ul |

i <.T63.6<=SA.T63.6A=,, R6=\$@

>A43B6<6=37.7BA54<.cNA4WAB67RA6.c3467ANS4A>8P.B37ANWA>B67<ll.23T63OR.5373NC6:.
3 * I .
d.<C6A.cANA4.B9373O.Df #

#8* ' 4 4 A!.] [RN<.<>F i <O9E\.<C6.}”^
H.6<=SA:
k

\$ 1 : 4)

YOAP6BC.7.784R.B937<.dBA7@W>A53.H99<X<.8.g53.c3B9<>>8=<.JO8N.AOR.8.U9<53B937A>8A.
H99<X<^℥.e>8.>A.8?OA>CP6.636.BO@B9℥.3.=363N3O.5373N86.3cNA4A9A>>3A.B9373℥.i <cN8OAN℥.
dBA7@W>8K.H99<X.B=<?<9:.

k

kn p p o m n \hat{I} o s m x p s m y o s l l p o # m |

kp 4p o n o p l p ysm Šp'o l yopp) p' nq us n~ p% y#l |

%) 2 8 ' 12.
] [RN<.<9EF“<=<N<V.<C6.` } `^

$$\$ 6 \qquad \qquad \qquad) = \qquad \qquad)$$

3733” >#.8#0.H3=3R5P68S4@V73H0A2N274C3P<90OR: ! B à

3

: 4)

#

&8

5(

k5=6C 5 f c f B E8

...4” _`V.<6F\<U<N<>8.’—...} `M.^ 3B637AN>3B6E.X<48B<.c3467AN4898.8O<O.<9EFZ<=8O\8O<O.<9EF““<5I<R8\X<E8?.
HUR9EF¾<49E.<9EF““<5I4<48\WAKXR9EFYB9<O.YU>.\<KO8C\WAKX.YU>.<9EF—I<K8O.8.WAKX.<9EFH9EU<>8\

.....
.....
.....

d.T63K.b<B68.=>858.WAKX.R9EFYB9CO.8U>. \ AKO8C.J4<.BO89RA6BC.><4.>8O.H99<X^.><b8><A6.
cN873486E.43734@V.7.=363N@X.5373N86BC.3U.<6N8UR6<X.dBA7@W>A53.H99<X<ll. ; 6<.b<B6E.
C79CA6BC.c34N3U>@O.N<?ICB>A>8AO.6353V.b63.U@93.B=<?<>3.N<>AAM.
[RN<.D<9EFYX9CBL.B34ANS 86.7.BAUA.R67ANS 4A>8A.<6N8UR637.dBA7@W>A53.H99<X<.8.
36N8h<>8A.36. i A53.>A43B6<6=37ll. \ 3b>3.6<=SA.8.<C6.<9EF—RNB8K.B34ANS 86.7.BAUA.
R67ANS 4A>8A.8.36N8h<>8AV.=<=.3U.T63O.UR4A6.B=<?<>3.c3?SAM
d.T63K.BRNA.dBA7@W>8K.H99<X.5373N86:

k

1 . M6

6 P!.JBRN<.<9EFYX9CB^

<6N8UR6<O8.B37ANWA>B67<.8.7. i AO.7BA.>RS4<P6BCM.YU>.HUU<B.B=<?<9:. : ! =
3) * " \$: ! C " / "
") : ! - " / "
: ! 7 + " / " " +) : !

)) -# !2 ? 5

d.—3N<>A.AB6E.=3B7A>>3A.R=<?<>8A.><.63V.b63.?AOA9E.6<=SA.BAOEIII.dBA7@W>8K.H99<X.
5373N86:

k

k : pŽ o p m < p p p l u s p / p p / p l o p # s t f o p o n f p) p v l Ä n p l ~ m p s v l y p # # p , m |

6 ' 1 !2

H99<X<.b63F63.6C53686||.—<=.O@.5373N898V.7BC=3A.36N8h<>8A.7=9Pb<A6.7.BAUC.R67ANS4A>8A.

H99<X.7A?4A\7@6A=<A6.O>353.7?43N>@X.B9A4B678K\23.8X.B937<O\dB7@W>8K.H99<X.

' L

H99<XR\.>3.T63.>AcN<789E>3A.3cNA4A9A>8A\.
[33UQ<A6BC\.\b63.\0 J O<N\.\4<.UR4A6.43739A>.8O.H99<X\.\B=<?<9\.\b63.B9@W<9\.\=<=.c3B9<>>8=.
H99<X<\.\4<.U9<53B93786.A53.H99<X.8.4<.cN87A6B67RA6\.\B=<?<9:.*: " %! " !

kn l f0 q p' st m n q0 q p' st |

% # ')) %) ' 4 !2.] [RN<.<9EF3/4<68X<V.<C6
}^

Y?.g53.OR4N3B68.AB6E.6<=<Cv.3.=363N3K.O@.?><AOv.<.AB6E.6<=<Cv.3.=363N3K.O@.>A.?><AOll.
dBA7@W>8K.H99<X.B=<?<9:

k, 4p t l 0 0 # 6 l m m # m |

; < 8 !2.] [RN<.<9EFYBN<v.<C6F Ö.

k

=363N@K.AQA.>A.N3489BCL. .
d3FcAN7@XV.c39.NAUA>=<.O3S>3.3cNA4A9C6E.639E=3.c3B9A.3cNA4A9A>>353.BN3=<||.H.73F
763N@XV.N<?7A.?><P6.9P3` á 9CÀP35||d .N34869B||.6.23.c` ä&d ?7 .?><P6>3`3B<P39E=3F

<UB39P6>RP.O3QE.dBA7@W>A53.H99<X<M. i 8b63.>A.O3SA6.3B9<U86E.dBA7@W>A53.H99<X<M.
i A6.6<=3K.7AQ8V.=363N<C.gOR.>A.c34.B89RM.g53.O35RQAB673.3X7<6893.=<S4RP.7AQEM. i A6.
6<=3K.7AQ8V.><.=363NRP.>A.N<BcN3B6N<>C93BE.U@.O35RQAB673.dBA7@W>A53.H99<X<M. ^ AC>8C
9P4AK.6<=SA.c3c<4<P6.c34.O35RQAB673.H99<X<M.d.T63O.73cN3BA.?<U9R4898BE. M.
dBA7@W>8K.H99<X.O3QA>.><4.6AOV.b63. e>.SA9<A6V.<6<=SA.O3QA>.><4.6AOV.b63. e>.>A.
SA9<A6M.d.T63O.73cN3BA.?<U9R4898BE. * .8. # M. e>8.5373NC6V.b63.
O35RQAB673.dBA7@W>A53.H99<X<B7C?<>3.639E=3.B.6AOV.b63. e>.SA9<A6M. i 3.H99<X.5373N86:

]^`bdefghijelneopqerhpstuv

4 1 4 : !2.] [RN<7<N7 .<C6.`a•^
dBA7@W>8K.H99<X.6<=SA.5373N86:

ko p, o p Š'kđm , pl o p (p m o p h xp K'o" p o # m o p k p o # , p p) o p p p pã p (p o/p ' p p) xš po p n' g n
wÑ o p pŸ•p|

- ' !2.] [RN<.<?F''<N8K<6V.<C6.) a^

k - p m e p o p p p # v l g t p p p |

H99<X<^B=<?<9:.*? 2 V+''' W ' % " % ;

d.B9A4RPQAO.<C6A\.=363N@K.cN87Ê9.WAKX.R9EFYB9CO\5373N86BC:

