

Q~t yq } i 0y~0" qsq~¬q0s i ~0y|0sq~u0u0s i ~
y|0wq!!! i

Y0" yqwwy0s i ~0y0~ i ¥! ay0q~y } qly

f yqwwyqauis i ~lwly0q~y } qly0cSÉlu¥¥uauis~7u¥cuay~qly!aq i ay~qayqly0qayssxu~!u0 } q
ayxyut uis~q0cyq~yysq~y i ~u0q! i u~!qly0t u! qlyq!q0" ay } q0t yly~!aq0au~t uauisÉsqlyayq¥y
"yqwwy i is i ~0y0~ i ¥!ay0q } ysy0qÉsq! i a i 0~q } cu0Álv i ~t q } u~!qlyuis i ~¥yt uaqauis~qlyuayult y
q¥cu! i y0cu0wqay~!ysuly0 i a i 0r u~u¥¥uauis0qly~ i ¥!aq!aq~Ésyly! i 0xT qly0!su! qly0t u! q
t u¥!y~q~y i ~u0qly0q0cu0qay~y i ~u0t uyl t i sS } u~!y0~usu¥¥qay0c q¥¥q~t i 0cu0qly0!u~y i ~u
t uyl } u~y0t y0!aq¥c i a i 0cy!0q t q! y0 i w~y0t usy¥y i ~u0t u" ulu¥¥uauis0 i ~t uaq! qis i ~isSaq0ly~
Ésu¥!qlywSy t q0u¥c i i auau } i 0!S! i ullyuis i ~¥yt uaq~y i ~y0u¥¥u~yqly0t qly0qauis0u0q¥¥ysSaqasy
sxuly0! " yqwwy i ¥lyq¥ysS a i 0cyqsu" i ullyuis0ay" i 0ty¥! au¥¥0cu0!S! i yly0 } u } r ay0t u! qly0q } ywlyq<
cu i ¥lyy~s!S¥y0" au0qayq } i sy0qly0 uwy i 0cu0S~7q" u~!Saqly~ty } u~!ysqrylyu!

i

cul t usy tyq } i 0t y0c i a! qaly~0" asq~q
f yqwwyqauisÉisqS¥qau!¥!au¥¥ly¥ys i 0u0c¥ys i i wys i 0qly0~ i ¥!a i 0q } ys i 0cul t usy tyq } i 0t y0c i a! qaly is i ~0~ i y0cay } q0ty
cyq~yysqauis~0" yqwwy i 0ays i ay } i 0t y0sxyut uauis i ~¥wly i 0qly0 } u t ys i 0" u! uay~qay i 0cu0wqawly0" y" uauis0qly0 uwy i
Ésu¥! qly0cu0ay~qay

i

cul t usy tyq } i 0t y0q¥syqaly0qlysq¥qlyssS ty!y
U~y } c i a! q~!u! i a i " qau! u0cu0¥ i ~u0wS¥! uisxuis i ~i ¥sq~ i 0ly0qry!S ty~y0t uyl~ i ¥!ay0q } ysy0usxulyq~ i 0q! i u~!u0qly0 i a i
s i } c i a! q } u~!y0u0qis i } uisq } ryq~ i 0ry¥ i w~qly0u¥uauis0 } cu0wqwwyS~wryly0u t 0Ály } c i a! q~!u! q¥syqauis~sxuly
ausqcy! i 0t u0 } u t ys i 0" u! uay~qay i isSaq~!u0cu0!S! i ully0~usu¥¥! i 0t y0!y0c i 0qay~y! qay i 0~ i ¥!aqly0¥u~q0!a su¥! q
¥ i S~y i ~u0Á0cq!ys i qay } u~!u0~t ysq! qly0cu0ly0wq! y0sxuly0wu~u0qly0!w a i ~ i 0 } i i i 0! " yqwwy0

i

cul t usy tyq } i 0t y0c i a! qaly~is~qly0cu0~¥y i ~u
ly0cu0~¥y i ~u0" qlysu! qly0cu0!u } c i 0ry¥ i w~qly0" y¥! qly0cu0" u t uauis i } u0Ály0wq~y~q! q0" uayysqau!xuly0is i ~¥wlyqrylyu
u0q" uauis i ~u0uauu~u~u0culy0cu0!0~ i ~Ály0qry!Sq! i 0q t 0q~t qauy~0cu0~¥y i ~u0Ár u~u0qauis~qly0cu0" qly0cay } q
ly0q¥syq~t i i 0 } qwqay0S~0cu0!0u~t 0cu0" u t uauis i } u0ly0is i } c i a! qlyuis i } u0u0qwy¥su~

i

Y~0Quau j

Q r r y q } i t t u s y ¥ i t t y l c i o t q u u y l i ~ i ¥ i o i l q } y s i l q l E S q i t i o i l ~ q } c u l s i ~ i ~ i y l y ~ l E S u ¥ i q
q " " u ~ i S e q d u y l i " y q w w y i l ¥ q o o y ~ l q u a u j x l S i ~ i l q l w y S ¥ i q l c o u c q a q ~ y i ~ u d l ¥ y q } i l c o i ~ i y l q
w q a q ~ i y a u l S ~ 7 u ¥ c u a y u ~ q l ¥ y S e q l u l s i ~ v i o t u " i l u l c u o l i S i t y c s i c a y q } i l y ~ ¥ y u } u l s i } u
a u ~ t u a u l E S u ¥ i t " i i l i S ~ i } i } u ~ i i ¥ u a u ~ i l u l c y q s u " i l u l

R y ¥ i w ~ q l v a u l } i l q l i t u ~ y i ~ u l c u e s x Á i ~ i l i S i t u l l u l s i } c q w ~ y u l q u a u l q s s u i t q ~ i l q ~ y } q l y d l E S y ~ t y Á
v i ~ t q } u ~ i q l u l y ~ v i o } q a ¥ l ¥ S y l y ~ w i l y l y ¥ i l c u o l " u a y y s q a u l ¥ u l ¥ i ~ i l q } } u ¥ ¥ u l E S q l l y i ~ i l u l i q a y v u u
i
c i l y t q } u ~ i u d w l l q ~ y } q l y l c i ¥ ¥ i ~ i l " y q w w y q a u l y ~ l s q r y ~ q l s i ~ i S ~ i r y w l u l i t i l q l s i ¥ i l a y t i t i l c c S e s x Á y l i o i l c u ¥ i
l y ~ s l S ¥ i l y l i o a q ¥ c i o t y ~ i 9 i ~ i l ¥ S c a u l y A @ l { w l } q l y l i o a q ¥ c i o t y ~ i l Á l ¥ u } c a u l i r r l y w a t i a y i >
i
C l s i ~ ¥ y w l y q r y l u l s x y u t u a u l q l q l s i } c q w ~ y q l q u a u l E S q l y l a q ¥ c i o t y ~ y l y i ~ i l q s s u i t q l y d l c i y s x Á l t y } u ~ ¥ i ~ y d l } q l u a y q l l u
q c u a l S e u l c i ¥ ¥ i ~ i l " q a y q a u l l u l } y ¥ S e u l ¥ i q ~ t q o t l y i ~ i l D F l a B E l a C a l s } l u l t u " i ~ i l c u e } u l i u a u l q l l q ~ y } q l u l t y l ¥ i q a u l y ~
c y u t y c l w y a q a y d u ¥ u a u l c S y l i l u l q l E S u ¥ i l l y s i c i t u " i ~ i l q " u a u l S ~ q l r q ¥ u l y } c u a } u q r y l u l l i q ~ y } q l u l ~ i ~ l c S É l S ¥ s y o u
t S e a ~ i u l y l " i i i l y u ~ ~ q l y l s i ~ ¥ u ~ ¥ i l t y l i S i t y l y l c q ¥ ¥ u w w a y l u l t u l c y l i t q
i
W l y l q ~ y } q l y l t y l q w l q l } u t y q l i l w a q ~ t u l " y q w w y q ~ i l ~ u l l q l y l y " q d s x u l t u " u l u ¥ ¥ u a u l c a u ¥ ¥ S a y ~ a q l q l u l a y s q l t q l q l q
s i } c q w ~ y q l q u a u l t u " u l w a q ~ i y a u l E S u ¥ i u l s i ~ t y ~ y i ~ y
i
` u a l y } r q a s i d l y i ~ i l ~ u s u ¥ ¥ q a y l y l y r a u l i l y q ~ y l q a y i t t u l l i q ~ y } q l u l u d c u a l y l s q ~ y d y l l s u a l y y s q i l t t y l y s a y ~ y i ~ u
q l l i q ~ q w a q v u l c u l y l " y q w w y q l " u a ¥ i t t u ¥ l y ~ q ~ y i ~ y l q l l u ¥ l u a i l y u a " y o l q ~ s x u l y l c q ¥ ¥ q c i o t i >
i
\ u l ~ S i " u l ~ i o } q l y " u l y Q d Q l c u a l y l i o a q ¥ c i o t i l q u a u i t t y l q ~ y } q l y l t i } u ¥ l y s y d u ~ l a q l u l y ~ i " y w i a u l ~ u l l } q w w y i B @ B E <
c u a } u l i i ~ i l y l i o a q ¥ c i o t i l y ~ l s q r y ~ q l t y l q ~ y } q l y l t y l c u ¥ i l y S c u a y i a u l q w l y l H = A @ l { w d c a u s u t u ~ i u } u ~ i u l l y } y l u d c S e s x Á
¥ ¥ l u } q l y l y ~ l i o a q ¥ c i o t y ~ y l y } i l i w a t i l u l q l y ¥ S e a q l y
i
i
[q l q l i t u ~ y i ~ u l l u l s i } c q w ~ y u l q u a u l ~ i ~ l y i ~ i l i r r l y w a t i q t l q t i t i q a u l l u l ~ S i " u l a u w i l u d l } q l } i l l y l y l y l q ~ ~ i
q t u w S q ~ t i d l s i ~ ¥ u ~ i u ~ t i l q l c o i c a u l q a y l t y l y q w w y q a u l s i ~ y l c o i c a y l q ~ y } q l y l t i } u ¥ l y s y d y l l w a q ~ t y l y a u l i q } u ~ i u l y ~
s a r y ~ q d y ~ " u s u l s x u l y ~ l y l y " q
i
C l s i ~ ¥ y w l y q r y l u l s i ~ ¥ S i t q a u l l y l y i l c u r l t u l l q l s i } c q w ~ y q l q u a u l q u l y u l ~ u s u ¥ ¥ q a y i d y l y l y i t t u l l u ^ Q S l S U ~ i u l a q ~ y i ~ q l u
Q " y q ~ y i ~ u l S y " y l y l c u a u l ~ v i o } q ~ y i ~ y l q w w y i o ~ a q l u l u l t u l i q w l y q l u i

Y~0dau~ i

Q r r y q } i 0¥su!i 0t y!s i~t y"yt uau!£\$u¥!q!q" "u~!\$aq!s i~0y!~i ¥!a i 0v u t u!u!s i } £q w~i 0q
£\$q!i a i 0~q } £u £"y q w w y q~t i 0y~0!au~i >!S i~0\$~7q!i u~!q!£y q~y v y s q~y i~u £!s y!q ¥y s \$ a u a u } i
s x u 0y!0!a q w y!i i 0¥q!¥y s \$ a i 0u!s i~v i a!u" i |u!£u a!S!i y>0U ¥££i a y q } i 0s i } u!0!a q ¥v i a } q a u
£\$u ¥!i 0"y q w w y i 0¥\$!a i!q y u!y~0\$~7u ¥££u a y u~q!a y!q ¥¥q~!u!u!w y i y i ¥q!1

c\$y!0!au~0y!0~i ¥!a y!q } y s y!t y!£y s s i |q!0!q w!y q £s x u!¥y q~i 0s q~y!0!q!0!a y!q~y } q!y ££i ¥¥i~i 0"y q w w y q a u!w u~u a q! } u~!u!q!y!i i |
w a q!S y!i >

i

\u!auw i |u!£i ¥¥i~i |u ¥¥u a u! } i |i |u!u!£i ¥¥i~i 0t y v u a y a u!t q!s i } £q w~y q!q!s i } £q w~y q £q~s x u!~u!0s q ¥i 0y~0s \$ y!0y!
"y q w w y i 0¥q!~i |i \$ a~i |u!£a u" u t q!\$~q!s \$ s s u!i q!~i i!u >>0 } q!i " "y q } u~!u!0s q~y!w \$ y t q!i" y q w w y q~i 0¥u } £a u
w a q!S y!q } u~!u!u!¥u~q!r y ¥i w~i 0t y!0!a q ¥££i a y!~i >!

i

i

buw i |u!w u~u a q!y!

i

i

£!£u } £a u!s i~¥w!y q r y!u!y~v i a } q a ¥!¥\$!|u!0£u s y s x u!s i~t y~y i~y!0t y!"y q w w y i 0t u!q!s i } £q w~y q!s i~0s \$ y!¥y!~!u~t u
"y q w w y q a u £y~0£\$q~!i 0£i!a u r r u a i |u ¥¥u a s y!0" q a y q~y i~p i

£!y } £i a!q~!u!q" u a u!s i~0£u!S~q! } \$ ¥u a S i |q!£u a!£i!u a!q!S!y!y!~q a u!~u!0s q ¥i 0y!0£u a ¥i~q |u!i!q!i!y!0£q ¥¥u w w u a y
t i "u ¥¥u a i!a y s x y u t u a!i >!

Y~0w u~u a q!u £A!r \$ i~q!~i a } q!i"y q w w y q a u!s i~0q~y } q!y!0 r u~0q t t u ¥!a q!y!u!q r y!S q!y!q!0"y q w w y!y~0!au~i >!

£!y } £i a!q~!u!q" u a u!s i~0£A!0!S!i!q!q!t i s \$ } u~!q~y i~u!~u s u ¥¥q a y q £s i } u!y!0y!r a u!i!i 0¥q~y!q a y i 0t u!||q~y } q!u!0y!
s u a!y y s q!i!0t y!¥s a y~y i~u!q!||q~q w a q v u!s q~y~q!i

£!r \$ i~q!~i a } q!q" u a u!q!t y!££i ¥~y i~u!s a q!q!q ¥¥i a r u~!u!u!¥q!i"y u!i!u!y!u~y~q~!y!0£u a!u!0£u a y s y!0~u!0s q ¥i 0y~0s \$ y
t i "u ¥¥u a i!¥\$ s s u t u a u!£y s s i |y!2y~s y t u~!y!2>

Y~lqS! i

i

cus i~t i ð/ðs i tysultu||q!#!oqtq<C i ¥¥q } i!oq#C i o!qouð/ð~i ¥!o i ðq } ys i ð~ðs i~ty~y i~ðt yð~i ~ðs i ¥!y!S yau
y } Cuty } u~! i ð i ðC uoy s i i i ðC uo||q!wSy tq<C uoy~lqS! i ðq r r y q } i ðC y l!q~y } q l!ðt i r r y q } i ðC o i i uwwuol!ð~u y ð i o i ð!oq#C i o!y~y
¥u C q o q!ð i ð~u||q~i ðC i ¥!uoy i ou!ty~¥! i ðt q!ou!u!S! i!ðt y~¥! i o yð~¥! q||q!yð~ð~y q!C u o } q~u~!u!t u~ i~i ðu ¥¥u ou
qS! i o y~q!y!ðt q!ðs i } C u!u~!u!Sv y s i i ðC o i~y~s y q!u!t u||q!T y ou~y i~u!wu~u o q!u!t u||q! } i! i o y~q~y i~u!S y~y!u!t u~ i~i
y~¥ i } } q!u ¥¥u ou! i } i i wq!y
U ¥¥! u!q~sxu!l q!s y~!S o q!t y!¥s S ou~r q!C u o!sq~y!ð!ðS~q!¥C u s y q!u y } r o q w q!S o q!s x u!¥!q! i q s s q!q!l q!~ i o } q!u!s y~!S o q!t y
¥!s S ou~r q!u!t u!ð!t y ¥C i~y r y!u y~ð! q w!u!t y~u o ¥u y~ð r q ¥u!q!l C u ¥ i ðt u!l s q~u
i

Y~ð~q~u

i

^S } u o i ¥u!s i } C q w~y u!t yð~q~y w q~y i~u!s i~¥u~! i~i ð!q s s u ¥¥ i ðt y!q~y } q l!ðq!r i o t i ð } q!ð! i C C i o!S~i ðy~v i o } q o ¥!ðC u o
!u } C i ð¥S l!ou w i q } u~! i ðt u!l q!s i } C q w~y q!¥s u!l q!C u o y!ð~y q w w y i>Q!s S~u!o y s x y u t i~i ðy!l s u o!y y s q! i ðt y ð r S i~q!¥q!S! u
o u t q! i! i ðt q! i } u t y s i ð~u!u o y~q o y i ð i!o u!q!ðt i s S } u~! i ðt u~!y y s q!y~i ðt u!l!q~y } q!u!ð } y s o i s x y C l u y!¥s o y~y i~u!q~q w o q v u ð
Y~ð i w~y!s q ¥ i ðy~v i o } q!u~y!ðS l!q!C i ¥¥y r y!y!o!t y!C i o!q o u y~ðs q r y~q!s i~ð~i y!y!ð~i ¥!o i ðq } y s i ðq!E S q! i o i ð~q } C u! i ð¥u!ð
C o u~y ¥! q!q!¥ i q!¥ i ¥!ð~u!l u!q o u!s i } S~y
i

Y~lQ S! i r S ¥< } u!o i!u!o q }

i

~u o C i o!q o u y!ð~i ¥!o i ðq } y s i ðs i~ð~i y!¥S l!q S! i r S ¥< } u!o i!u!o q } ð i s s i o o u y~v i o } q o ¥!¥S l!~u ¥!¥!u~r q!t y!¥C u s y y s x u
i o t y~q~u!s i } S~q!y!C ¥S l!o u w i q } u~! y!¥C u s y y s y!t u!l u!¥ i s y u!o!t y!o!q ¥C i o! i>U ¥¥¥! i~i ðC u o E l q!s S~y!C o y~s y C!ð w u~u o q y
~q!y t y!C u o!S! i q!y!q!y!y!ð~i ¥!o i ðq } y s i ðC S E l~y q w w y q o u!s i~ð~i y!ð q!s i~ty~y i~u!s x u!q r r y q!y!ðC o i C o y i ð r y w!y u! i! i ðt y
~y q w w y i <u!~i~ðC i!o! i s s S C q u!S~ðC i ¥! i!q!¥u t u o u >~u o y!ðs q~y!s y!¥!ðt i~o!o!y s i o t q u!t y!C i o!q o u!s i~ð ¥!w S y~r q w y i ð u
} S ¥u S i q!C w!y!q! i o y!q~y } q!y!C i!o q~i~ð~y q w w y q o u!~u y!C o i C o y!o!q ¥C i o!y~y~y

cu0q~tyq } i0q|0sq|t i

ì

\q0¥qr r yq0 } i|i i0sq|tq0¢\$Ê0sauqau0¢¤ i r|u } y0q||u0~q } ¢y~u0tuy
~i¥!ay0q } ysy0sq~yJ0ays i ¢tq!u``y0¥u } ¢au0sxu0|i ¢ i0~i~0¢ i ¢!q~i
|u0syqrq!|!u1

ì

Y|0sq~u0~i~0¥\$tqJ0xq0 } y~i ¢0sq¢qsy!°0ty0!u ¢ } i ¢uw i|q ¢¥y0£\$y~ty
sy0``i w|y i~i0``ysy~y0¥¢q~y0q||÷i } r ¢q0¢ i ¥¥yry| } u~!u0``u~!y|q!y>

ì

cu0vq0y|0rqw~i0~u||7qs£\$q0tu|0 } q ¢u0Á0~usu¥¥qay i 0¥syqs£\$q ¢ i
t i ¢ i0s i~0qs£\$q0t i |su0¢u ¢u0``y!q ¢u0y ¢ay!q~y i~y>ì

ì

a\$ q~t i 0¥suw|y0\$~0|\$ i w i0¢u ¢u0|u0``qsq~~u<0``u ¢yvysq0t i ``7Á0y|
``u!u ¢y~q ¢ay i0¢y!ï0``ysy~i0u0y|0` ¢ i~! i0c i ss i ¢¥ i0``u!u ¢y~q ¢ay i0~uy
ty~! i ¢~yJ0q~t ¢°0!\$! i i0ru~u0 } q0~i~0¥y0¥q0 } qy1

Q~!y¢q²q¥¥y!q²y0u0`qssy~y

d²q!q } u~!y0q~!y¢q²q¥¥y!q²y0u0 } vy!q¥¥y0`qssy~q!y¥i~i0tSulq²w } u~!y0y } ¢i²!q~!y
¢²y } q0t!y0¢q²!y²u>i

S i } ¢²u~t~i~i!S!y00!²q!q } u~!y0 } utys0tu¥!y~q!y0q
¢²u`u~y²uut i u`y!q²u0 } q!q!y!u0!y~vu¥!q~y i~y
¢²q²q¥¥y!q²y0t!y!sq~y0!wq!y!u0¥i~i0!q0²y } q!s i ¥q!q
sS0!¢²u~¥q²u0y~0¢²u`y¥y i~u!t!y!S~q!`qsq~q0y~0!S i wxy
~S i`p
i
Y0sq } r!yq } u~!y0s!y } q!y!s!u0!q! } qwwy!²u0 } i r!y!t0ty
q~y } q!y!u0¢²i ¢²²u!q²²xq~~i0qS } u~!q!i0!q0¢²u¥u~q
t!y0¢²q²q¥¥y!y0u0 } q!q!y!u0¢²q²q¥¥y!q²y0u0~u0!~¥!²²i
`qu¥u>0y } ¢i²!q~!u0¥!q r!y!²u0!S~0¢²i } s i!i
¢²u²y~q!y~q!i } 0¢²u0!i w~y0q~y } q!u0y~0r q¥u0q!0¥S i 0¥!y!u
t!y0!q!0q r!y!q~y i~u0`y!q!q!q!q¢²u0!i ¢²s i~!q!i0y
q~y } y!q0¥¢²i ¥!q } u~!y0uss>²²iQ~sxu0!u0 } q!q!y!u
y~vu!t!y`u!u0!u0`qssy~q~y i~y0²ysxyut i~i0¢²i } s i!y
y~t!y`ytS!q!q!s i~¥y!t u²q~t i0y!0²ySxy i0t!y0s i~!qwy!0u
!u¥¢²i ¥y~y i~u!qwy!0qwu~!y0~vu!t!q~!y0!0`u!u²y~qwy i0¢²SÊ
q t i } q²u0!u0 } y¥S²u0!y!q0¢²²i ¢²²q!u0¥u~q!0²y¥Sx²
i
Sxyut!y¥u } ¢²u!qyS!i0q!i!S i0`u!u²y~qwy i0t!y0ytSsyq
q! } u~i0S~0 } u¥u0!¢²y } q!t!y0¢²²i y²u0!¢²u0`²²y²ysq²u
sxu0!y!S i!sq~u0!y!0!S i!wq!i } 0²yq~!s i } ¢²u0!y!t q!l!u
`qssy~q~y i~y!u!sxu0!yq~i0²!q!u!S i!u
s i²²u0!q } u~!u!u¥wS¥!u!u0²ysxyq } q!u1
i

y~S!y! } u~!u!¢²u²ys i!i¥i>
i
Q!i!Sq! } u~!u!u0¥¥y!i~i0y~0s i } } u²ys i0`q²y0¢²i t i!y
q~!y¢²q²q¥¥y!q²y0~0t!y`u²¥u0!u0 } S!q~y i~y!0s i!q²y0¥¢²i
i~0²y¢²u!i0t!q!¢²²²u0!¥S!q!sS!u0²s i } ¢²²u¥¥u<
y~y~y i~y!u0`qssy~q~y i~y
!q!¥su!q!0t!u`u!u¥²u²u!u!u!S!q!q!¥S!s i~¥y!y!0t!u!
} utys i0`u!u²y~qwy i0t!y0ytSsyq!y~0²u!q~y i~u!q!~u!0<
¥!y!u0t!y0`y!q0!S i w i0t!y0¥i wwy!²²i0!u0¢²u¥u~q!0 } u~i
t!y0q!i0²yq~y } q!y0r q } ry~y!0¥i wwu!y!y0²²qwy!p
i
Q~sxu0!¢²u0E!Sq~i0s i~su²u0!u0`qssy~q~y i~y0!
¢²i ¢²²y!0 } utys i0`u!u²y~qwy i0¥q¢²²²y~t!ysq²u!E!Su!l!u
~usu¥²q²y0y~0²u!q~y i~u!q!0!S i w i0t!y0¥i wwy!²²i0!u0¢²u0!u
²ysxyu¥!u0t!u!0s i } ¢²qwu~y0t!y0`yqwy i0t!u!u0¢²u~¥y i~y<
t!y0¢²qu¥y0!¥¢²y!q~!y>

\q0 } utysy~q!`u!u²y~qwyq!t!y0¢²u`u~y i~u!xq!S~0²S i!i
} i!i!0²y w~yysq!y`i0y~0!²²u } y~y0t!y0¥q!S!u0¢²S r!ysq<
q~sxu0!q!0y~u0t!y0s i~!²²i!q²u0!u0 } q!q!y!u0~i~i } y!sxu
8 i ¥¥q!0!²q¥ } y¥¥y r!y!0q!0S i } i0!A!E!Sy~ty
y~t!y¥¢²u~¥q r!y!u0²y`i!wu²¥y0q!0 } utys i0`u!u²y~qwy i0t!y
vytSsyq!¢²u0!s i~s i²²²²²²u0!0¢²i } s i!i0t!y0~!²²u`u~!y0ty
¢²i vy!q¥¥y0¢²y!0y t i~u i0¢²u0y!0~i ¥!²²i0¢²u!>
i
Qwy t q²¥y!q!wq!t q!0!u!¢²SÊ!y~vq!i!y0²y¥S!q²u
y~¥Svysyu~!u0ussu¥¥y`i0!u!y~!q!sS~y!sq¥y!q~sxu

SiCitysql.ru

|l|s| |c| |t|y|sq| |u|o|q|c|u|u|u|~|q|S~|o|ay|s|xy| |u|u|y| |c|u|a|y|o| |y|~|y|y|q| |q|~|y|sq~|y|u|w|q|~|y|
 y| |c|q|~|S| | |t|S|q~| |u|l|u|~|q|w|~|y|y|c| |l|s|q|t|u|~|S|q| |c|c| |c|~|~|~|S|~|y|y|c|c| |c|y|u|~|q|y|~|~|
 s|~|y|q|c| | |y|t|u|y|c|u|y| |y|s|x|u|l|u|q| |u|~|u| |c|u|q|S|s|u|c| |y|~|~|s| | |c|~|q|u|c|u|a|y|l| |c|
 q~y| |q|y|t| |u|~|y|s|y|c|y|~|y|q| |u|~|q|u|t|y|y|~|t|t|u|u|q|s| |u|~|y|s|u|~|q|~|S|S|S|u|~| |q|ow| } u|~|
 c|u|a|c|u|~|u|y~|y|y|S|q~|~|c| |u|~|u|y|q| |u|~|u|u| |q|y|y|~|S|S|u|~|q|c|q|w|~|c|~|u|c|~| |o|u|u| | |y|
 y|u|w|q|y|t|y|q|q| |u|q|u| |y|S|s|u|c|u|~|u|~|y|~|u|u|l|u|q~|y|~|y|t|q|y|~|q|c|q|u|~|t|u|u|c|u|a|c| |u|w|u|u|y|

1yCuo#1uo3yqqlslyjpititvslq1aurlAlQs3u-1pitulq11u3cuoq1Sqa1s1c1aurlsq1Sqa1itqls1-t1y1-j1q3yru-qlq1
 Sq-1y1aurlq11y1-1-#S1q-11u1#1t1yu-1-1-itql1sq11aurlsu1sq-111S1-1S11111u1#u1s11u-1l1sq1s1it1u1yq11y11q-1y3q-111Cuo
 vq11y1aurl11u1q11c11q-1y11u-1l1sq1s1it1u1ys1-1p
 aSg-111S1u11y1qss1owy3u-1y1-1-1r1q11q-11q11p111u11Cuoq1Sqa1s1c1aurlsq1uluss11Cuo1x11S1u11q11-1sq1q1s11o1ty
 1S1t1aurlu-1t1u1y1q1y-11q11o1t11u11y1s1y1C1y11S1-1u1q1r1y1q1ys11C1y11s1q11u1a1y1C1u111q11u1Cuo1y1-1u
 1yCuo1uo3yqlAl11111Cuo1ys1111y1q1u1a1ys1y1t1u1S1-1o1a11q3u-111y311y1yq11y
 1

!q!i'u } #u#q!\$#q!; i # } q!u!t#sq-#u#wq!||Á!CH#E#C ! Ó!S#K#u!~'u-wj-i!#S#u#q!#D@#EÓ!S!Á!\$-!u } u#wu--q#

|l|s| i |c| i t |t|s|q| |o|u|e|y| u|a|y|s|q| u|l|q|e| |q|w|y| ~u|s|q| t|q| i ~|e| i | |i|E|S|q~ t |i|t|q~y |q|u|A| |q|e|s|y|q| i |y|~|S|~|q|S| i |s|x|y|S|e|q|< |q|q~s|x|u|y|~|q| |o|u|e|y|S|q~y |i|~|e|s| i | } u|j

A90Q||7qCua!;i0y-0si~ty-yi~y0ty0sq||i;au0u0\$ } yty!°0ussu¥¥y°y0¥u~q0; } r0q
B90c\$||7q¥vq||;i

```
C90T$eq~|u|!u#u$y~|j|!j#y$|j~|u~#|s|!s~|!|u} #u#q|S$u|u|u~q|!u
D90~!q$|;|!t|w|y|~;~!q~!$xul$|~!|u} #u#q|S$u|u#|u#~q|u|q|!~"q} u~|u|u#u#q|!$S~|!|!$|t|y|!xq|t|y} i#y!q|!|!$xul|q
|u} #u#q|S$u|u~|u~q|!$S$!q$|S} u~|q|u|t|!D$!S|~w~|!|!$q$
}
```

[illegible]

i

Y0¥y~!i } y0tu|0si|¢i0ty0sq|i au0u si } u0si } ¢i a!q a¥y

a\$Q~t i 0S~0q-y } q|u|¥ i wv0ut y0S~ls i |¢ i 0ty0sq|i au0Áu¥¥u~yq|u0 } q~!u~u0u0|q|sq|i } q0 } q
qwy0u0q¢ytq } u~!u>Uss i 0q|sS~u|¥u } ¢|ysy0uw i |u0tq|0ys i 0tq0u0¢u0y~!u0" u~y0u
uvyysqsu } u~!u|u0¢0 i |uwwu0u0y|0!S i 0q } ys i 0q|E\$Q!|!0 i 0-q } ¢u>

i
i

Y~y~yq| } u~!u0|q~y } q|u0q¢¢0u0q0ty¥qwy i <q~¥y } q|ussu¥¥y" q } u~!u0tÁ0y0uE\$y u! i >S i ~0y|0¢uwwy i 0q } u~! i
t u||~y¢u0!u0 } yq0y~y~yq|0¢u0t u0u0w0q~ty0E\$Q~!y!0!ty0¥q|y" q0tq|0~q¥ i 0u0tq|q0r i s\$Q0r q0s i |q|u0u0q!ysq|0q0u¥!q0u0y~
¢yutp0\0u0u~w¥" u0¢ i ¥¥ i ~j0ty" u~!q0u0r|S q¥!0u0 i 00 i ¥¥ i 0qssu¥ i 0q|sq\$¥q0t u||~y~¥\$vysyu~!u0 i ¥¥jwu~q~y i ~u>
bq¢ytq } u~!u0|q~y } q|u0¢S E0¢u0t u0u0si ~j ¥su~~q0u~!0q0u0y~ls i } q|u0y~vy~u0 } i 0y0u>

S i ¥q|0vq0u0

i

c¢ i ¥!q0u0y } } utyq!q } u~!u0|q~y } q|u0tq|0|S i w i 0y~lsS y0¥0Á0" u0yysq!q0|y)¢u0!u0 } yq
` i 0!q0 i 0y~0S~0q } r y u~!u0v0u¥s i 0u0 i } r0uwwyq! i 0u0vq0w|y0q0yq
cu0¢ i ¥¥jry|u00 } ¥\$00q0u0|q0!u } ¢u0q!S0q0u0!q|u0u0q~~ i !q0q|
bqvw0ut t q0u0y|0s i 0¢ i 0!q } ¢ i ~q~t i | i |s i ~0¥!0qss0 i 0q¥sy\$wq } q~0r qw~q!y0s i ~0q\$E\$Q0t y00S r y~u! i ! i 0¥ i ¢0q0y|
s i || i <¥ i ! i i 0|u0q¥su||u0u0~u||q0uwy i ~0y~w\$y~q|u0u0ty0ywu0u0S~0" u~!y|q! i 0u0¥\$0E\$u¥!u0~j~u0r qw~q!u0^ i ~
|q¥syq0u0w|y0¥!0qss0¥\$0|s i 0¢ i 0¢u0u0"y!q0u0ty00q||u~!q0u0|q0ty¥¥¢q0y i ~u0t u0|sq|i 0u>
` i 0!q0u0y } } utyq!q } u~!u0|q~y } q|u0tq|0" u!u0y~q0y i 0¢j0!0"ysj~j>

i

S i ¥q|0^_0vq0u0

i

^ i ~0S!y|y~q0u0q\$E\$Q0w0q!q0|0wx yqss y i 0¢u0y|00qvw0ut t q } u~! i 0u0~j~00qvw0ut t q0u0ussu¥¥y" q } u~!u0|q~y } q|u0
|¢r r q¥¥q } u~! i 0ussu¥¥y" i 0t u||q0!u } ¢u0q!S0q0¢S E0sq\$¥q0u0|S!|u0y i 00!q0tq~y>
^ i ~0!u~!q0u0ty0vq00ru0u0v i 0~q!q } u~!u0|q~y } q|u0 } u! i ~t i w|0t u||~q\$E\$Q0y~0r i s\$Q0r y!¥ i w~q0¥ i |!q~! i 0! i u~u0u0q
t y¢¢ i ¥~y i y~u0q\$E\$Q0w0¥\$q00~j~0v0ut t q00t q0 i w0y0u0¥u0|~q~y } q|u0Á0"y w|u0u0¥0 } i ¥!0q0y~!u0u¥¥q! i 0q0ru0u>

`S~!Sαu0t-y~¥u!!!i

T\$eq-!ululCq¥¥uwwyq!u!q!s i-!q!;! !s i-!lq!-q!\$eq!C i¥¥i-!lqssqtuau!tuy!Cys\$ i!y!y } Cpu"¥!y!s i } ulC\$-!\$au!ty
y-¥u!;!y! } q!¥y!;!q!;!q!t!y!S-!Cys\$ i!i!y-syt u-!ul\$xu!\$!;!q"yq!Á!ru-u!-i-!¥i!;!i "q!\$!qauC¥i Ceq!;!S!;!i!-uy!sq¥y!Cyl!waq"y
t!y!C\$-!\$au! } S!;!yC!ui i!y-i-i-i-u!¥u-¥yry!y

i
\ul\$ i-¥uw\$u--u!y } } utyq!u!t!y!S-q!E\$!q!S-E\$u!C\$-!\$eq!¥i-i!t i! i!auC!yay!q-y-i-u!u!Ceq\$y!;!>

i
Ry¥i w-q!lqssu!q!¥y!\$xu!y!C\$-wyw!y i~ui-i~!¥y!q!Cyl!Cau¥u-!ul~u!l!\$ i w i!t u!l!q!C\$-!\$eq!u!¥u!s-Á!ay } S i"u!i>` i y
r q¥!q!qC!C!ysqau!S~iy } Cqss i!t!y!wx!yqssy i!¥S!l!q!C\$-!\$eq!y~! } i t i!t q! } y!¥wqau!¥q!y!l!t i! i!au!sXu!l!y-u"y!qry!u
ayw i~vyq } u-! i! i!sq!ulul!¥y!C\$E!ay\$ i!auau!q!t u!l!uiC i } q!uiq!t!x i!s!C u!l!ulC\$-!\$au!ty!y-¥u!;!y!< } q!¥i i! i!t i!C i!lq"u
s i~¥S!;!q! i!y!l! } utys i! "u!uay-qay i!t!y!y!t\$Ssyq

i
cu!l!q!C\$-!\$eq!Á! } S!;!y!C!q!s!au¥su!q-sxu!l!q!t i ¥u!t!y! "u!u- i!y~yu!;!q!q!t q!l!y-¥u!;! i! i!t q!w!y!y-¥u!;!y!y!l!l!sq-u!C i!\$aurru
ay¥u-!ya-u!s i~!S-q!auq-y i~uiq!l!uayysq!C i!u~y!q! } u~!u! } i! i!l!C uay\$ i! i!¥q!¥u!¥y!s i~¥y!tu!q!l!u"u-!\$q!l!y!l!ty
S~i!¥x i s {!q-qv!q!;!ys i>C!y! } q~yu¥!q!s i~!t!yvvys i!l!o!au¥C!y!q! i!ayq!t u!l!sq-u!s i~!r i!ssq!l!C u!q!u!w i~vy!au!-i~
Cyl!l! i!sq!u! } q! } i! i!l!Cyl!l!u!¥!u¥ i!y~!E\$u¥! i!l!sq¥ i!Á!ru-u!C i!a!qau!y } } utyq!q } u-!u!l!q-y } q!u!t q!S~! } utys i
"u!uay-qay i>

i
^ uy!sq¥y!t!y!C\$-!\$au!y-!ua-u!q!l!q!r i!ssq! i!q!l!q!w i!q!q!i!y~!q!l!au!-i~u!¥u-¥yry!y!s i } u!y!l!-q¥ i!Á!-usu¥¥qay i!C i!a!qau!y!
sq-u!t q!l! } utys i! "u!uay-qay i>

i
i
i
i

f yϕuauu0¥uαCu~!y

Y~!sq¥i|t y0 } i α¥i|t y0" yϕuαq| i¥uαCu~! uΔÁlsαSsyq|u|au¥! qau|sq| } y0 } qly~! uα" u~you
Cα i~! q } u~! uΔUss i|q|sS~u|ly~uuWsy t q|u¥¥u~~yq|yϕCuαWu¥! yau|q|¥y! Sq~y i~u|u|wαq~! yau
|q|¥ysSαu~~q|t u|!|S i|q~y } q|u>

Y|0 } i α¥i|t y0" yϕuαq|y0 ty¥! y~wSulvS } u~! u|t q|ESu|| i|t y0S~q|s i } S~u| rj¥syq|q|" yϕuαq|xq|t Su|wαq~t y0 t u~! y
" u|u~y uαy0~u|!~qαsq|q|¥Sϕuay i auΔsyq¥sS~ i|¥uwSy! i|t q|S~q|vy|q|t y0 t u~! y0ϕy! i|ϕysS i|y
cS||q|ϕu||u|¥qαq~~ i|ESy~t y0" ¥y rj y0 t Su|v i ay0Cα i v i~t y0 ty¥! q~~y q|y0! αq| i α i|t y0@C=Als } >Q~sxu|¥u~~q|" u t uau|q
t u~! q|Sαq|t u|!¥uαCu~! uΔS~ i| i|u~! αq } rj y0 v i ay0¥qαq~~ i|ϕau¥u~! yΔqss i } ϕqw~q|y0 t qly~vyq } } q~y i~uΔw i~vy i au|u
~uα i ¥y! s i~!|qauq|sq|t q|u|t i| i|αq~! u|!|¥q~wSulvS i ayS¥su~! u|~ i~! s i qwS|q
\q|ϕay } q|s i ¥q|t q|vqau|Á|¥syqsESqau|q|vuy; q|s i~! qsESq| i ¥¥ywu~q|q|ϕuαay t Sαu|q|ESq~! y! o|t y0" u|u~! >Δ^ u|0 } u~! au
rj¥ i w~q|¥S r y! i|q||uα! qauS~! } u t y s i| " u! uay~qay i|u|αqwwyS~wuα i|y|!ϕy! i| " u| i su } u~! u|ϕ i ¥¥y r y|u>
i

T Sαq~! u|y|!|αqϕ i α! i|Áy } C i α! q~! u|s uαsqau|t y0! u~uau||q~y } q|u|y|!ϕy! i|vα } i|ϕ i ¥¥y r y|u|ϕuααq||u~! qau|q|t ywS¥y i~u
t u|! " u|u~i>

S i ¥u|t q| ^ _ ^ |vqau|

^ i~! qϕC|sqau|q|s i| i|q|! ay0|yESj tyΔC i ysxÁ|qS } u~! q~ i|! q¥¥ i α r j } u~! i|t u|! " u|u~i>

^ i~! uvvu!|S qαu|y~sy¥y i~! y0¥S||q|~ i~q|s i|ϕy! q>

^ i~! ¥Ssxxyqau|y| " u|u~ i ΔC i ysxÁ|C i α! u r r u|u~! αqau|~u|~ i ¥! α i s i α C i>

^ i~! } u!|uau|qssy|u } i ¥! q! y|s>

i

^ i~! u¥¥¥ i~ i|¥y ay0q~! y " u|u~ i|t q|ϕ i α! qau|s i~! ¥Á|t Sαq~! u|u|ϕq¥uwWyq! u|Á|ϕuαESu¥! i|v i~t q } u~! q|u|αusqαy0 t q|
" u! uay~qay i>

\q|ϕα i w~ i ¥yÁy~!|S! y0|sq¥y0 ty0q| } u~ i|GB| auΔu|~u¥y! i|t yϕu~t u|t q| " qay0vq! i ay0y|!|u } ϕ i|ϕuααqwwyS~wuau|y
¥ i ss i α¥q|! q|! αq~ESy||y! o|t u||q~y } q|u|t Sαq~! u|y|!|αq¥C i α! i Δ|q|! qw|q|u|q|¥q|S; u|t u||q~y } q|uΔ|q|ESq~! y! o|t y0" u|u~ i
y~y u!|q! i|u|q|αuq~y i~uΔ¥ i wwu!|y " q|q|| " u|u~ i|Bq||uayq|u|¥x i s f >

i

` au " u~you|y0 } i α¥y0 t y0" yϕuαq|Á|t ywvyS|uΔ } q|! u~u~t i|y|!sq~u|q|wSy~~qwy i| } i|! y|u " u~! y0¥y0ϕ i ¥¥ i~ i|u " y! qau>
e~! q|! i α r s i~! ¥Swwuay } u~! i|Á|sq } } y~qau|vqsu~t i|B S } i au|ϕuα¥C q " u~! qau|y¥uαCu~! y>

] uwy i|s i } S~ESu|ϕ i α! qau|s i~! ¥Á|qS ESq| i ¥¥ywu~q! q|u|q " uau|y|~S } uα i|t y0S~! α i~ i|ϕ i ss i α¥ i| " u! uay~qay i|~u||u
" ysy~q~~u>

Y0~ i ¥! αy0ϕ i~ i|! ¥ i ss i α¥ i|XBD|¥ i~ i|u|u~sq|y0 u t|qwwy i α~q|y|¥S|©©©~q~ySαqy!>

Yl0Cq¥¥qC i ¢! i 0Cu¤iq~y } qly

Yl0buw i |q } u~! i 0eUlEGF?B@AC!tu||AB>@F>B@AC¤C¢u""utulsxu!wly0q~y } qly0sxu0""yqwwyq~i
q||~u¥!ua i 0Cu¤0 } i !y""y0~i~0s i } } u¤syqly¤¥yq~i lqssi } Cqw~q!y0tq|0`q¥¥qC i ¢! i ï

 \ul0uw i |ui
`u¤0""yqwwyq¤u0s i ~0y||0sq~u0 i 0s i ~0q||!y0q~y } qly0tly0qvwu~y i ~u¤y0uw i |q } u~!y0¥ i ~i 0Cq¤ussxy0u0¥ i ~i 0tyvwu¤~!y0q
¥us i ~tq0ttu||0Cqu¥u0tly0tu¥!y~q~y i ~u0u0tu||Qec\0s i } Cu!u~!u>
i
dS!;u||uisly~ysxu!Q~ySS¤q0¥ i ~i 0q0!ty¥C i ¥y~y i ~u0Cu¤¤q¥¥¥!u¤u0y0C¤ i C¤yu!q¤0tly0q~y } qly0~u||u0C¤ i su tS¤u0~usu¥¥q¤yu
q0s i } C|u!q¤u0y|0y|q¥sy i 0tu0`q¥¥qC i ¢! i >0!~¥yu } u0q||q0|u!;S¤q0!ty0 } ysa i sxyC0u0!q!Sqwwy¤¥q¤q~~i 0q0!ty¥C i ¥y~y i ~u0Cu¤
uvvu!;S¤q¤u0""qssy~q~y i ~y0u0C¤ i wlyq¥¥y0~usu¥¥q¤yu0u0q0uwy¥!¤q¤u0¥S0yC i ¢! qly0tutysq!y0ESu¥!u0y~v i ¢ } q~y i ~y0¥q~y!q¤yu>
i
Y~""y!yq } i 0!S!;y0y0C¤ i C¤yu!q¤0sxu!"" i wly i ~i 0qC¤¤ i v i ~ty¤u0y|0!u } q!q0""y¥!q¤u0y|0¥! i 0tu0 } y~y¥!ua i 0tu||q!cq|S!u0sxu
xq0S~!q¤uq0tutysq!q!q0ESu¥! i 0q¤w i } u~! i 0u0sxu!~u0qC¤¤ i v i ~ty¥sul!S!;y0wly0q¥Cu!;y!>
i
i

