



ARTS3456

7 `Ugg]WU`7 \]bYgY`@]hYfUhi fY

HYfa `H\ fYY`##`&\$&\$

GWcc`cZ<i a Ub]hYg`UbX`@Ub[i U[Yg`#`I BGK `5 frg`UbX`GcWU`GWYbWg



7ci fgY`Cj Yfj]Yk

GHJZZ7cbHJW`8YHJ`g

7cbj Ybcfg

B Ua Y	9a U]	5j U]`UV]`]m	@cW]h]cb	D\cbY
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@YW`i fYfg

B Ua Y	9a U]	5j U]`UV]`]m	@cW]h]cb	D\cbY
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GW`cc``7cbHJW`i`bZcfa Uh]cb

GW`cc``cZ<i a Ub]h]Yg`UbX`@Jb[i U[Yg

@cW]h]cb. `GW`cc``C Z]W`zA cfj Yb`6fck b`6i]X]b[ž`@Yj Y``&ž&),

CdYb]b[`<ci fg. `A cbXUm! : f]XUmž - Ua `!) da

D\cbY. `Ž`*%&`- ' ,) `)* , %

: U! . `Ž`*%&`- ' ,) `; , +\$)

9a U]: [\U`4 i bgk "YXi "Ui](#)

7ci fgY'8YHJ`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ\hY'7ci fgY

H\]g`Wci fgY`dfYgYbHg`U`bi`a`VYf`cZa`U`cf`hcd]Wg`]b`WUgg]WU`7`\\]bYgY`]]hYfUhi`fY`Zca`d`fY!E`]b`dYf]cX`fW`%&&!!&&%67`L`h`Y`E`]b`[`'8`mb`Ughm`f%*`((!%-`%&`"K`Y`k`]]b`_`h`Y`g`Y`h`cd]Wg`h`c`j`Uf]ci`g`[`Y`b`f`Y`g`]b`W`X`]b`[`d`\\]c`g`c`d`\\]W`k`f`]h`b`[`g`z`d`c`Y`f`m`z`Y`g`g`U`m`g`U`b`X`Z`W`]c`b`z`U`g`k`Y`U`g`]]h`Y`f`U`f`m`W`]h`W`g`a`"H`\\Y`h`c`d]Wg`]b`W`i`X`Y`]b`X`]j`]X`i`U`Z`Y`Y`X`c`a`]b`d`f`Y`!E`]b`d`\\]c`g`c`d`\\Y`f`g`f`]b`W`i`X`]b`[`>`g`k`g`!`?`W`Y`I`[`U`b`X`L`Z`g`S`Y`I`[`f`z`\\Y`f`c`Y`g`U`b`X`j`j`U`]b`g`]b`V`]c`[`f`U`d`\\]Y`g`f`E`Z`[`N`W`U`a`d`v`e`a`X`f`Z`W`:`[`e`f`a`d`S`O`z`c`j`Y`U`b`X`b`U`h`f`Y`]b`d`c`Y`f`m`f`]b`W`i`X`]b`[`E`Z`[`Y`N`Z`W`4`a`a`]a`X`A`V`W`Q`H`U`b`[`E`Z`[`U`b`X`G`c`b`[`5`[`z`Z`]b`Y`U`f`h`g`]b`]]h`Y`f`U`h`g`h`m`Y`z`Y`g`g`U`m`g`f`z`c`W`g`]b`[`c`b`h`Y`]b`h`f`f`Y`U`h`c`b`g`\\]d`V`Y`k`Y`Y`b`d`c`Y`f`m`U`b`X`d`U`]b`h`b`[`z`U`g`k`Y`U`g`f`c`a`U`b`W`U`b`X`W`c`i`f`h`g`\\]d`]b`j`Y`f`b`U`W`U`f`Z`W`]c`b`f`z`c`a`H`U`b`[`F`c`a`U`b`W`g`h`c`:`a`Y`a`g`?`W`Y`N`6`d`S`_`a`X`D`W`?`S`e`[a`e`Q`"H`\\Y`W`c`i`f`g`Y`]g`]b`h`b`X`Y`X`h`c`Y`b`\\U`b`W`m`c`i`f`U`V`]]m`h`c`f`Y`U`X`U`b`X`U`d`d`f`Y`U`h`Y`W`U`g`g`]W`U`7`\\]b`Y`g`Y`]]h`Y`f`U`h`f`Y`]b`]h`g`X`Z`Z`Y`f`b`h`z`c`f`a`g`z`U`g`k`Y`U`g`]h`g`i`b`X`Y`f`m`]b`[`d`\\]c`g`c`d`\\]W`U`b`X`U`Y`g`h`Y`h`W`d`f`]b`W`d`Y`g`"

7ci fgY`@YUfb]b[`Ci hWca Yg

%`F`Y`U`X`z`]b`h`f`d`f`Y`h`z`U`b`X`W`]h`W`m`U`b`U`m`g`Y`c`f`[`]b`U`h`Y`I`h`g`U`b`X`g`Y`W`c`b`X`U`f`m`g`c`i`f`W`g`&`5`f`h`W`U`h`Y`U`g`d`Y`W`Z`W`W`c`X`m`c`Z`_`b`c`k`Y`X`[`Y`U`V`c`i`h`W`c`f`Y`U`g`d`Y`W`g`c`Z`W`U`g`g`]W`U`7`\\]b`Y`g`Y`]]h`Y`f`U`h`f`Y`'`8`Y`Z`]b`Y`U`b`X`Y`j`U`i`U`h`Y`a`U`c`f`]]h`Y`f`U`f`m`h`Y`c`f`]Y`g`U`b`X`[`Y`b`f`Y`g`]b`W`U`g`g`]W`U`7`\\]b`Y`g`Y`]]h`Y`f`U`h`f`Y`(`I`b`X`Y`f`g`h`U`b`X`U`b`X`Y`I`d`U`]b`h`Y`d`\\]c`g`c`d`\\]W`U`b`X`U`Y`g`h`Y`h`W`d`f`]b`W`d`Y`g`i`b`X`Y`f`m`]b`[`W`U`g`g`]W`U`7`\\]b`Y`g`Y`]]h`Y`f`U`h`f`Y`)"`8`Y`a`c`b`g`h`U`h`g`_`]g`]b`g`W`c`U`f`m`]b`e`i`]f`m`]b`7`\\]b`Y`g`Y`!`V`U`g`Y`X`X`]g`W`d`]b`U`f`m`g`h`X`]Y`g`U`b`X`W`f`f`Y`b`h`U`W`X`Y`a`]W`X`]g`W`c`i`f`g`Y`"

HYUWX]b[`GhfUHy[]Yg`

K`]h`h`Y`Y`j`Y`f`]b`W`Y`U`g`]b`[`]b`Z`i`Y`b`W`c`Z`7`\\]b`U`]b`h`Y`k`c`f`X`U`f`Y`b`U`z`]h`]g`]a`d`c`f`h`U`b`h`c`i`b`X`Y`f`g`h`U`b`X`7`\\]b`U`g`d`U`g`h`]b`c`f`X`Y`f`h`c`V`Y`h`f`i`b`X`Y`f`g`h`U`b`X`]h`g`d`f`Y`g`Y`b`h`H`\\]g`W`c`i`f`g`Y`\\Y`d`g`h`c`V`f`X`[`Y`h`Y`[`U`d`V`Y`k`Y`Y`b`h`Y`U`b`W`Y`b`h`7`\\]b`Y`g`Y`W`j`]]g`U`h`c`b`U`b`X`W`c`b`h`Y`a`d`c`f`U`f`m`7`\\]b`Y`g`Y`W`h`i`f`Y`h`f`c`i`[`\\`U`g`h`X`m`c`Z`j`U`f`Y`h`m`c`Z`W`U`g`g`]W`U`]]h`Y`f`U`f`m`h`Y`I`h`g`"H`\\Y`W`U`g`g`a`Y`Y`h`g`z`c`f`(`\\`c`i`f`g`Y`U`W`X`k`Y`Y`_`k`]h`U`W`c`a`V`]b`U`h`c`b`c`Z`Y`W`i`f`Y`U`b`X`h`h`c`f`U`z`k`\\Y`f`Y`h`Y`h`h`c`f`U`\\`U`g`U`g`h`c`b`[`Y`a`d`\\U`g`]g`c`b`W`U`g`g`X`]g`W`g`g`c`b`c`Z`V`c`h`d`f`]a`U`f`m`U`b`X`g`Y`W`c`b`X`U`f`m`a`U`h`f`U`g`"H`\\Y`h`Y`U`W`X`]b`[`g`h`f`U`h`[`m`i`k`]]V`Y`U`[`b`Y`X`k`]h`h`Y`Y`U`f`b`]b`[`c`i`h`W`c`a`Y`g`c`Z`h`Y`W`c`i`f`g`Y`"5`b`]b`h`f`X`]g`W`d`]b`U`f`m`U`d`d`f`c`U`W`X`k`]]V`Y`U`X`c`d`h`X`z`k`\\Y`f`Y`V`m`]]h`Y`f`U`f`m`h`Y`I`h`g`k`]]V`Y`Y`I`U`a`]b`Y`X`Z`c`a`d`\\]c`g`c`d`\\]W`U`z`U`Y`g`h`Y`h`W`z`\\]g`h`c`f`]W`U`g`k`Y`U`g`]]b`[`i`]g`h`W`d`Y`f`g`d`Y`W`j`Y`g`":`i`f`h`Y`f`a`c`f`Y`z`U`V`]]b`[`i`U`U`d`d`f`c`U`W`X`k`]]V`Y`U`X`c`d`h`X`z`k`\\Y`f`Y`b`Y`W`g`g`U`f`m`z`]b`f`Y`U`X`]b`[`c`f`[`]b`U`h`Y`I`h`g`h`c`U`W`W`c`a`a`c`X`U`h`g`h`X`Y`b`h`g`Z`c`a`b`c`b`!`V`U`W`_`[`f`c`i`b`X`U`b`[`i`U`[`Y`[`f`c`i`d`g`"

5ggYgga Ybh

5bmch\Yf'fY'UHfX']bZcfa Uhjcb'UVci h\hY'UggYgga Ybhg'cZH\Y'Wci fgY'k]''VY'dfcj]YX'cb'h\Y'7ci fgY A ccX'Y"

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_	K Y][\h	8i Y'8UHf	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
:]bU'hYgh	&\$i	&\$#%#@&\$&\$ \$- .\$\$'5A	%Z ž(
F YgYUfW\ '9ggUm	(\$i	J Uf]ci g'fB YHU]YX']bZcfa Uhjcb k]''VY'dfcj]YX'cb'h\Y A ccX'YŁ	%Z ž(ž)
hYfUWfj Y'Dfc YWf	(\$i	J Uf]ci g'fB YHU]YX']bZcfa Uhjcb k]''VY'dfcj]YX'cb'h\Y A ccX'YŁ	%Z&Z

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% :]bU'hYgh

GHUfhXUHf. 'Bch5dd`]WUV'Y

@Yb[h. '%') \ci fg

8YHU]`g.

5b]b!WUgg'hYghf%) \ci fgŁ]bWf X]b['g\cfhUbX'YggUmhmdY'ei Yghjcbg"

: YYXVUW_i dcb'fYei Ygh

5XX]h]cbU'XYHU]`g.

5XX]h]cbU']bZcfa Uhjcb'k]''VY'dfcj]YX'cb'h\Y'Wci fgY'A ccX'Y'k Y'']b'UXj UbW

Hi fb]h]b'gYh]b[. H\]g'Ugg][ba Ybh]g'gi Va]hX'hfci [\Hi fb]h]b'UbX'gh XYbhg'WUbb'gYY'Hi fb]h]b'g]a]Uf]m fYdcfmg"

5ggYgga Ybh&. 'F YgYUfW\ '9ggUm

GHUfhXUHf. '

@Yb[h. " \$\$\$!') \$\$'k cfXg

8YHU]`g.

Gh XYbng'k f]h'U'fYgYUfW'YggUmftZ' \$\$\$!') \$\$'k cfXgE'cb'cbY'cZhY'hcd]Wg'dfcj]YX"

: YYXVUW_j]U']bX]]Xi U'Wca a Ybng'zi Vf]WUbX']b!WUgg'X]gW gg]cb"

5XX]h]cbU'XYHJ]g.

8YHJ]YX']bZcfa Uh]cb'k]''VY'dfcj]YX'cb'hY'7 ci fgY'A ccX'Y"

Hi fb]h]b'gYH]b[. H\]g'Ugg][ba Ybh]g'gi Va]hY'X'h'fci [\ 'Hi fb]h]b'UbX'ghi XYbng'WUb'gY'Hi fb]h]b'g]a]'Uf]m fYdcfng"

5ggYgga Ybh' . 'bHYfUW]j Y'Dfc'YWh

GhUfhXUH' . '

@Yb[h. " !) 'a]bi h'g'dYf'dYfgcb

8YHJ]g.

Gh XYbng'Xc'Ub' bHYfUW]j Y'F YgYUfW'Dfc'YWh#; fci d'DfYgYbhUh]cb'fl !) 'a]bi h'g'dYf'dYfgcbE'Y]hYf']b WUgg'cf'hc'VY'j]XYc!fYWcfYX'UbX'gi Va]hY'X'cb!]'bY"

Gh XYbng'[Yh]bX]]Xi U' 'a Uf_g": YYXVUW_j]U']bX]]Xi U'Wca a Ybng'zi Vf]WUbX']b!WUgg'X]gW gg]cb"

5XX]h]cbU'XYHJ]g.

H\]g'UggYgga YbhWcbg]gh'cZhk c'dUfng. '%E'hY'; fci d'DfYgYbhUh]cb'cb'7 ci fgY'F YUX]b['A UHf]U'fl \$i E UbX'&E'7'Ugg'X]gW gg]cbg'f'f\$! E"8YHJ]YX']bZcfa Uh]cb'UVci h'hY'UggYgga Ybhk]''VY'dfcj]YX'cb'hY'7 ci fgY'A ccX'Y'k Y'']b'UXj UbW"

5 HbXUbW F Yei]fYa Ybhg

5 HbXUbW cZVch @YWi fYg#Hi hcf]U'g]g'a UbXUrcfm]b'h]g'Vei fgY"i bYI W gYX'UVgYbWw Zca 'a cfY'hUb &\$i 'cZY]hYfZJW!hc!ZJW'cf'cb!]bY @YWi fYg'UbX'Hi hcf]U'g'k]'fYgi 'h]b'hY'Uk UfX'cZU'ZJ]'[fUXY"'5'fc'' k]'VY'hU_Yb']b'Vch'hY'@YWi fYg'UbX'Hi hcf]U'g'YUW'k YY_""i bUj'c]XUV'Y'WUg'\k]h'@YWi fY'f&'aci fg'dYf k YY_£]g'U'ck YXZ'Vi hgi XYbhg'a i gh[Yh'hY''YWi fYfjg'dYfa]gg]cb'Zfgt'UbX'']gh'b'hc'hY''YWi fY'fYVefX]b[Yj Yfmk YY_'hc'WUW'X'i d'' 'b'Vch'@YWi fYg'UbX'Hi hcf]U'g'mci 'k]'UW]j Y'mYb[U[Y'k]h'Ve'fY'Ve'i fgY VebhYbhZ'YbUV]b['rci 'hc'UHU]b'7 @C '%ž&ž ž(")"

: cf'a cfY'XYHU]YX']bZ'fa Uhc'b'UVci hUHbXUbW'dc']Wž'd'YUGy'fYZf'hc'GYW]cb'' "%cZhY'I BGK 'Dfc[fUa 8Y']j YfmDfcW'Xi fY: [\hhd.#k k k "\[g'i bgk "YXi "Ui #lc\]W'hd'fc\[fUa XY'\]j YfmDfcW'Xi fY"\ha`](#)

7 ci fgY'GWXYXi `Y

[J\]Yk'WUgg'hja YhUV'Y](#)

H]a YhUV'Y`

8 UHY	HmdY	7 cbhYbh
K YY_%'%'(GYdhYa VYf! %'GYdhYa VYf	Hcd]W	; YbYfU' b'fciXi W]cbg
	@YWi fY	b'fciXi W]cb'hc'hY'7 ci fgY'!?' bck'YX[Y'ZUa Yk cf_ UbX'h'UW]b['a YhcXc'c[m'
	Hi hcf]U'	5b'cj Yfj]Yk 'cZ7'Ugg]W'7\]bYgY'']h'fUhi fY''UbX']hg \]ghcf]W]''UbX'W'hi fU''VUW_[fci bXg"
K YY_&'&%(GYdhYa VYf! &)'GYdhYa VYf	Hcd]W	8]gW gg]cbg'cZhY''YWi fY'Ve'bH'bhicZ'hY'k YY_žUbX UggYgga YbhXYHU]g"
	@YWi fY	DfY!C['D\]cgcd\m'=' '=
	Hi hcf]U'	%& b'fciXi W]cb'hc''DfY!E]b'D\]cgcd\m'hY'DfY!E]b d\]cgcd\Yfg'UbX'hY]f']bZi YbW'cb'7\]bYgY]Xyc'c[mUbX'W'hi fY/
K YY_'.'&,'GYdhYa VYf! &'C'WcVYf	Hcd]W	'&£'7 cbZ W]Ub HYI hg. 3' S'WUfe ' /?' W I [
	@YWi fY	8]gW gg]cbg'cZhY'Ve'i fgY'fYUX]b['UbX'hY''YWi fY'Ve'bH'bhicZ'hY'k YY_"
	Hi hcf]U'	DfY!E]b'D\]cgcd\Yfg.'8Uc]ga.' '>Sal [fl '£ž LZgS` YI [fl '£ž
K YY_(.)'C'WcVYf!'- C'WcVYf	Hcd]W	&£ b'fciXi W]cb'hc'6i XX\]ga
	@YWi fY	8]gW gg]cbg'cZhY'Ve'i fgY'fYUX]b['UbX'hY''YWi fY'Ve'bH'bhicZ'hY'k YY_"
	Hi hcf]U'	7'Ugg]W'7\]bYgY'DcYfmi'=' '=
		%& b'fciXi W]cb'hc'hY'XYj Y'cda YbhicZ7\]bYgY WUgg]W]''dcYfmiUbX']hg'\]ghcf]W]''UbX'W'hi fU' VUW_[fci bXg/
		&£'9UfmiDcYfmi'G\]b[' žGcb[g'cZ7\i'7\i W]

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

5`hY`fYei`]fYX`Wci`fgY`fYUX]b[`]g`dfcj`]XYX`cb`hY`Wci`fgY`A`ccX`Y`"

C`hY`f`fY`Yj`UbhfYgci`fWg`]bWl`X]b[`k`YVg]Hf`g`UFY`U`gc`dfcj`]XYX`cb`hY`Wci`fgY`A`ccX`Y`"

F YWca a YbXYX`F Ygci fWg

F YWca a YbXYX`fYUX]b[`g`fUj`U]`UV`Y`]b`h`Y`@]VfUfnt`

6]fWz7mf]zYX""5bhkc`c[`micZ7\`bYgY`@]HfUH`fYzZca`9UfmiH]a`Yg`hc`hY`:`ci`fhY`b`h`7`Y`b`h`f`m`B`Y`k`M`c`f`_`
;`fcj`Y`D`f`Y`g`g`z`%`-`*`)"`"

6]fWz7mf]""Gh`X]Yg`]b`7\`bYgY`@]HfUfmi;`Yb`f`Y`g`"6Yf`_Y`f`Y`m`l`b]j`Yfg]m`c`Z`7`U`b`]z`c`b]U`D`f`Y`g`g`z`%`-`+`("`"

6i`g`z`G`i`g`U`b`"7\`bYgY`@]HfUH]`c`b`D`U]`b`h`b[`. `G]`G]`b`\`f`%`\$` `+`!`%`%`\$`%`&`:`h`c`H`i`b[`7\`f]`V`X`f`U`b[`f`%`)`)`!`%`*` `*`L`"
7`U`a`V`f]X[`Y`z`A`U`g`g`U`W`i`g`Y`h`g.`<`U`f]`U`f`X`l`b]j`Yfg]m`D`f`Y`g`g`z`%`-`+`%`"

7`U]z`N`c`b[`!`e]`Y`X`"7\`bYgY`U`Y`g`h`Y`h]W`g.`h`Y`c`f`X`Y`f]b[`c`Z`]HfUH`fYz`h`Y`U`f`h`g`z`U`b`X`h`Y`i`b]j`YfgY`]b`h`Y`G]`
8`n`b`U`g`h]Y`g`"<`c`b`c`i`i`i`l`b]j`Yfg]m`c`Z`<`U`k`U]f]i`D`f`Y`g`g`z`&`\$`\$`("`"

7`U`b[`z`?`U`b[`!`=`G`i`b`"H`Y`9`j`c`i`h`c`b`c`Z`7\`bYgY`H`n`f`i`D`c`Y`f`m`:`f`c`a` `@`U`H`H`f`U`b[`h`c`B`c`f`h`Y`f`b`G`i`b[`D`f]b`W`h`c`b.`
D`f]b`W`h`c`b`l`b]j`Yfg]m`D`f`Y`g`g`z`%`-`,`\$`"

8`Y`6`U`f`m`z`K`a`"H`Y`c`X`c`f`Y`U`b`X`f`Y`b`Y`6`c`c`a`z`W`c`a`d`g`"G`c`i`f`W`g`c`Z`7\`bYgY`H`f`U`X]h`c`b`z`G`Y`W`c`b`X`Y`X]h`c`b`z`&`j`c`g`"
B`Y`k`M`c`f`_`7`c`i`a`V]U`l`b]j`Yfg]m`D`f`Y`g`g`z`%`-`-`"

;`Y`f`b`Y`h`z`>U`W`e`i`Y`g`"5`<`]g`h`c`f`m`c`Z`7\`bYgY`7`j`j`]n`U`h`c`b`"G`Y`W`c`b`X`Y`X]h`c`b`"7`U`a`V`f]X[`Y.`7`U`a`V`f]X[`Y`l`b]j`Yfg]m`
D`f`Y`g`g`z`%`-`*`"

<`i`W`_Y`f`z`7\`U`f`Y`g`C`"7\`b`U`g`a`d`Y`f]U`D`U`g`h`G`h`U`b`z`c`f`X`l`b]j`Yfg]m`D`f`Y`g`g`z`%`-`+`("`"

>`c`b`g`h`c`b`z`U`b`U`b`X`K`U`b[`D]b[""6`S]`g`W/`L`Z`a`Y`k`a`Y`f`6`]b[`i`U`Y`X]h`c`b`"<`c`b[`?`c`b[`H`Y`7\`bYgY`
l`b]j`Yfg]m`c`Z`<`c`b[`?`c`b[`D`f`Y`g`g`z`&`\$`%`&`"

>`c`b`g`h`c`b`z`U`b`U`b`X`K`U`b[`D]b[""F`Z`W`?`[`Y`Q`S`S`V`D`W`S`f`W`F`W]`f`e`z`<`c`b[`?`c`b[`H`Y`7\`bYgY`l`b]j`Yfg]m`c`Z`
<`c`b[`?`c`b[`D`f`Y`g`g`z`&`\$`%`&`"

@]z`N`Y`c`i`z`f`A`Y]X`Y`@]W`X`Y`b[`z`h`f`U`b`g`";`c`b[`@]n`Y`b[`z`H`Y`D`U`h`c`Z`6`Y`U`i`m`5`G`h`X`m`c`Z`7\`bYgY`
5`Y`g`h`Y`h]W`g`"C`l`z`c`f`X`l`b]j`Yfg]m`D`f`Y`g`g`z`%`-`-`("`"

@]b`z`G`l`i`Y`b`l`z`"H`Y`H`f`U`b`g`z`c`f`a`U`h`c`b`c`Z`h`Y`7\`bYgY`@]m]W]H`f`U`X]h`c`b`"D`f]b`W`h`c`b.`D`f]b`W`h`c`b`l`b]j`Yfg]m`
D`f`Y`g`g`z`%`-`,`+`,`"

@]j`z`>U`a`Y`g`>"M`H`Y`5`f`h`c`Z`7\`bYgY`D`c`Y`f`m`@`c`b`X`c`b.`F`c`i`h`Y`X[`Y`/`?`Y[`U`b`D`U`i`z`%`-`*`&`"

@]j`z`L`Y`z`N`Y`b`z`N`l`c`i`"K`Y`b`l`]b`X]U`c`c`b[`l`i`U`b`m]f`l`z`"6`Y]b[`N`l`c`b[`l`i`U`g`l`i`f`l`l`b`l`i`U`
g`l`i`X]U`b`z`%`-`,`\$`"

A]bZcfXž>c\b'UbX'>cgYd\`G"A " "@Ui `YXg"ž7`Ugg]WJ`7\]bYgY'@]hYfUhi fY. '5b'5bhc`c[micZHfUbg`Uhcbgž
Zca '5bhjei]mhc`hY`HUb['8mbUghmf7`ci a V]U' b]j Yfg]mDfYggž&\$\$\$Ł

A]bZcfXž>c\b'UbX'>cgYd\`G"A " "@Ui `YXg"ž5`7\]bYgY'7ca dUb]cb`hc`7`Ugg]WJ`7\]bYgY'@]hYfUhi fY. '5b
5bhc`c[micZHfUbg`UhcbgžZca '5bhjei]mhc`hY`HUb['8mbUghmfH\Y`7\]bYgY' b]j Yfg]micZ<cb['?cb[ž
&\$\$%Ł

C k YbžGHd\Yb" F YUX]b[g' b'7\]bYgY'@]hYfUfmH\ci [\h'7ci bW'cb'9Ugh5g]Ub`Gh X]Ygž<Ufj UfX`
I b]j Yfg]mDfYggž%- &

L i žM UbVXcb["HUb[`Gcb[`W' m]`VU]`k i `g\]`g\ci "6Y]b[.6Y]b[`XU' i Y`W\i `VUb`g\Y'. `L]b`

\i U`g\i `X]Ubž%- \$"

M žDUi `]bY" `J c]W'g`cZ`hY`Gcb[`@mf]W]b`7\]bU"6Yf_Y`Ym' I b]j Yfg]micZ7 U`]Zfb]U`DfYggž%- (

N\Ub[ž'E]n\]"HfUX]hcbU`7\]bYgY`W`h`fY"6Y]b[.: cFY][b'@Ub[i U[Yg`DfYggž&\$\$("

7ci fgY`9j U`i Uh]cb`UbX`8Yj Y`cda Ybh

H\]g`Wci fgY`k]`VY`Zcfa U`mYj U`i UH`X`h`fci [\`A m9I dYf]YbWžUg`k Y`Ug]bZcfa U`mXi f]b[`hY`k \c`Y
hYUWX]b[`dfcW'gg"5bm]ggi Yg`fU]gYX`]b`gh XYbtrgfZYXVUW_k]`VY`UXXfYggYXžUbX`gfUHY[]Yg`hc`ž`fH`Yf
Yb\UbW`hY]f`YUfb]b[`YI dYf]YbW`k]`VY`X]gW`ggYX`k]h`gh XYbtrg]b`WUgg"

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

Hi fb]h]b`Gi Va]gg]cb

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`Hi`fb]h]b`z`d`YUgY`
HY`Yd\cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`"``"``%cf`Ya`U]`H`Ya`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""Gi`ddcfh`
\ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`icb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`icb`k`YY`YbXg`f1`*)`XUmg`U`mY`Uf2`≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`ZU`ihk`]H`Hi`fb]h]b`mci`ia`UmUdd`mZc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`
a`i`ghfYHU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]H`Ubmc`H`Yf`fY`Yj`UbhXcW`a`YbHg`L`hc`
]bWi`XY`Ug`Yj`]XYbVW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]WU]h]cb`≠mci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hca`UH]WU`mifYW]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd\cbY`mci`k`]`bYYX`hc`gdYW]Z]WU`mUg`Zc`f`cbY`
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUH`g`cb`H`Y]f`gmghYa`ig`HU`h`g`cb`Hk`]HYf`"

;`YbYfU`mz`UggYgga`YbhiHUg_g`a`i`ghVY`gi`Va`]HYX`Y`YWfcb]WU`mj`]U`Y]H`Yf`Hi`fb]h]b`cf`U`A`ccX`Y`
Ugg][`ba`Ybhi`b`]bgHUbVW`g`k`\YfY`H`lg`]g`bchdcgg]V`Yz`]hk`]`VY`ghUH`X`cb`mci`f`Wci`fgY`g`A`ccX`Y`g]H`k`]H`
U`HYfbUH]`Y`gi`Va`]gg]cb`XYHU]g`"

:`cf]bZcfa`UH]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`YbHg`cb]bY`j`]U`A`ccX`Y`.\`hdg`#gh`XYbhi`bgk`"YXi`"Ui`Ack`!
gi`Va`]hUgg][`ba`Ybhi`a`ccX`Y`"

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W` `k`]h`c`i`h`U`W`_`b`c`k` `Y`X[`Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f`]Y`g.

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'W'dhUV'Y'I gY'cZ I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dY'W'X'cZYj Yfmcby']b'h'Y'I BGK 'W'a a i b]m
- 'cW'W'h'gYfj]W'g'UbX']bZ'fa U]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k]''VY'ZJa]]Uf'hc'mci ž'c'h'Y'fg'k]''VY'bYk "'; U]b]b['U'gc`]X'i bXYfghUbx]b['cZU''h'Y fY'U'Y'X'UgdY'W'g'cZ9@-G9'k]''\Y'd'mci 'a U_Y'h'Y'a cghcZ'mci f'gh X]Yg'Uhl BGK ""

[\h'hd.##ji V'Y'W'i \]X'Yg" \]VfUfm'i bgk "YXi "Ui #' \]gY#JVci h' \]gY](#)

