



ARTS2123

A i g]WJ`gž'8 UbWŴ `UbX`Dc di `Uf'7 i `h' fY

GYa YghYf`C bY` `##`&\$%



GWcc`cZH Y`5ftg`UbX`A YXJU` `#`I BGK `..5ftg`UbX`GcWJU`GWYbWg

7ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUW`i8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]UV]`]m	@cWU]cb	D\cbY
9f]b`6fUbb][Ub	Y"VfUbb][Ub4 i bgk "YXi "Ui	: f]XUmg`%%d%%&	F cVYfh K YVghYf`%-	\$&`-' ,) +,) (

GW`cc``7cbhUW`i`bZcfa Uh]cb

Fcca " %&ž`Yj Y"" `F cVYfhK YVghYf`6i]X]b[

D\cbY.`f\$&Ł`-' ,) `(,) *

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

K YVg]hY: [\hfdg.#gUa "Ufng"i bgk "YXi "Ui](#)

H\Y`GW`cc``cZ`hY`5fng`UbX`A`YX]U`k`ci`X`_]`Y`hc`F`YgdYW`Z`m`5W`bck`YX[`Y`h`Y`HfUX]h]cbU`7`i`g`h`X]Ubgž`h`Y`6`Y`X`Y`[`U`f`P`Y`bg]b[`h`c`b`W`U`a`d`i`g`Ł`ž`:`U`X][`U`f`7`]m`U`b`X`5`f`h`/`8`Y`g][`b`7`U`a`d`i`g`Y`g`U`b`X`h`Y`B`[`i`b`b`U`k`U`d`Y`c`d`Y`f`B`i`g`h`f`U`]U`b`8`Y`Z`b`W`:`c`f`W`5`W`U`X`Y`a`m]b`7`U`b`V`Y`f`f`U`E`c`Z`h`Y`U`b`X`g`k`Y`Y`f`Y`U`U`W`W`U`a`d`i`g`c`Z`I`B`G`K`]g`c`W`U`h`Y`X`"

5`h`Y`b`X`U`b`W`F`Y`e`i`]`f`Y`a`Y`b`h`g`

5`g`h`i`X`Y`b`h`]g`Y`I`d`Y`W`Y`X`h`c`U`h`Y`b`X`U`W`U`g`g`W`c`b`h`U`W`h`c`i`f`g`Z`c`f`U`Z`J`W`!`h`c`!`Z`J`W`f`i`&`Ł`c`f`V`Y`b`X`Y`X`W`c`i`f`g`Y`U`b`X`W`c`a`d`Y`h`U`W`U`W`j`]h`Y`g`Z`c`f`U`V`Y`b`X`Y`X`c`f`Z`m`c`b`]b`Y`W`c`i`f`g`Y`"

5`g`h`i`X`Y`b`h`k` \`c`U`f`f`j`Y`g`a`c`f`Y`h`U`b`%`a`]b`i`h`Y`g`U`h`Y`a`U`m`V`Y`d`Y`b`U`]g`Y`X`Z`c`f`b`c`b`!`U`h`Y`b`X`U`b`W`"Z`g`i`W`U`d`Y`b`U`m`]g`]a`d`c`g`Y`X`ž`h`Y`g`h`i`X`Y`b`h`i`a`i`g`h`V`Y`]b`Z`c`f`a`Y`X`j`Y`f`V`U`m`U`h`i`h`Y`Y`b`X`c`Z`W`U`g`g`U`b`X`U`X`j`]g`Y`X`]b`k`f`]h`b[`k`]h`]b`&(`\`c`i`f`g`"

Z`U`g`h`i`X`Y`b`h`Y`I`d`Y`f`]Y`b`W`g`]`b`Y`g`g`ž`a`]g`U`X`j`Y`b`h`i`f`Y`c`f`c`h`Y`f`c`W`W`f`Y`b`W`h`U`h`a`U`_`Y`g`U`V`g`Y`b`W`Z`c`a`U`W`U`g`g`#`U`W`j`]m`i`b`U`j`c`]X`U`V`Y`ž`c`f`Y`I`d`Y`W`g`h`c`V`Y`U`V`g`Y`b`h`Z`c`a`U`Z`c`f`h`W`c`a`]b[`W`U`g`g`#`U`W`j`]m`ž`h`Y`m`i`g`l`c`i`X`g`Y`Y`_`d`Y`f`a`]g`g`]c`b`Z`c`a`h`Y`7`c`i`f`g`Y`5`i`h`c`f`]m`ž`U`b`X`k`Y`f`Y`U`d`d`]W`U`V`Y`ž`h`Y`]f`f`Y`e`i`Y`g`h`g`l`c`i`X`V`Y`U`W`W`c`a`d`U`b`]Y`X`V`m`U`b`c`f`[`]b`U`c`f`W`f`h`Z`Y`X`W`c`d`m`c`Z`U`a`Y`X`]W`W`f`h`Z`W`U`h`c`f`c`h`Y`f`Z`c`a`c`Z`U`d`d`f`c`f`]U`h`Y`j`]X`Y`b`W`"

5`7`c`i`f`g`Y`5`i`h`c`f`]m`a`U`m`Y`I`W`g`Y`U`g`h`i`X`Y`b`h`Z`c`a`W`U`g`g`Y`g`c`f`U`W`j`]h`Y`g`Z`c`f`i`d`h`c`b`Y`a`c`b`h`"<`c`k`Y`j`Y`f`ž`h`Y`m`a`U`m`U`g`g`[`b`U`X`X`]h`c`b`U`U`b`X`#`f`U`h`Y`f`b`U`h`j`Y`h`U`g`_`g`h`c`Y`b`g`i`f`Y`W`c`a`d`]U`b`W`"5`7`c`i`f`g`Y`5`i`h`c`f`]m`W`c`b`g`]X`Y`f`b[`h`Y`[`f`U`b`h`b[`c`Z`U`V`g`Y`b`W`a`i`g`h`V`Y`g`U`h`g`Z`Y`X`U`g`h`i`X`Y`b`h`k`]`g`h`V`Y`U`V`Y`h`c`a`Y`Y`h`h`Y`W`c`i`f`g`Y`g`Y`U`f`b`b[`c`i`h`W`c`a`Y`g`U`b`X`#`f`j`c`i`a`Y`c`Z`Y`U`f`b`b[`"5`g`h`i`X`Y`b`h`g`Y`Y`_]b[`U`d`d`f`c`j`U`h`c`V`Y`U`V`g`Y`b`h`Z`c`f`a`c`f`Y`h`U`b`c`b`Y`a`c`b`h`a`i`g`h`U`d`d`m`]b`k`f`]h`b[`h`c`h`Y`8`Y`U`b`U`b`X`d`f`c`j`]X`Y`U`c`f`[`]b`U`c`f`W`f`h`Z`Y`X`g`i`d`d`c`f`h`b[`X`c`W`a`Y`b`h`U`h`c`b`"

:`c`f`a`c`f`Y`]b`Z`c`f`a`U`h`c`b`U`V`c`i`h`h`Y`U`h`Y`b`X`U`b`W`d`f`c`h`c`W`c`g`]b`h`Y`:`U`W`m`i`c`Z`5`f`ng`U`b`X`G`c`W`U`G`W`Y`b`W`g`[\hfdg.#k k k "Ufng"i bgk "YXi "Ui #W fYbYhgh XYbhg#UWUXYa \]W\]bZcfa Uh\]cb#dfcfcW`g!\[i \]XY`\]bYg#](#)

5`W`U`X`Y`a`]`W`b`Z`c`f`a`U`h`]`c`b`

: cf`YggYbh]U`gh XYbh]bZcfa Uhcb`fY`Uh]b[`rc.`fYei Ygrg`Zcf`YI hYbg]cb/fYj]Yk `cZa Uf_g/cVW dUhcbU`\\YU`h
UbX`gUZ`hm/YI Ua]bUhcb`dfcW`Xi fYg/gdYW]U`Wcbg]XYfUhcb`]b`h`Y`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
gh XYbhYei]mUbX`X]gUV]`]m/UbX`ch`Yf`YggYbh]U`UWXYa]W]bZcfa Uhcbž
gYY`[\hdg.#k.k"Ufng"i bkg "YXi "Ui #W ffYbhgh XYbng#UWXYa \]W\]bZcfa Uhcb#dfcfcW`g!\[i \]XY`\]bYg#](#)

7ci fgY'8YHJ]`g

7fYX]hDc]bhg`*`

Gi a a UfmcZ`h`Y'7ci fgY

Gi V`Y`Wh5fYU. FZWSfdWS` V BW`ad_ S` UWE fgV[W`
H\]g`W`ci fgY`W`b`U`gc`VY`gh`X]YX`]b`h`Y`Z`ck`]b[`gdY`W`U`]gU]cb. ? W[S] 5g`fgdWS` V F WUZ` a`aYk

H\]g`]g`U`W`ci fgY`UVci hidcdi `Uf`dYfZcfa UbW`]b`W`b`h`a dcfUfmW`h`fY`Mci `k`]`YUfb`UVci h`j`Y
Yb`h`f`U]ba YbhUW`cgg`a YX]U`UbX`h`Y`Uf`g`]b`U`k`]XY`f`Ub[Y`cZ[Yb`f`Y`g`z`]b`W` X]b[`a`i`g]W`U`g`z`X`U`b`W`z`W`a`Y`X`m`z`

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5ggYgga YbhHUg_	K Y][\h		

- 7cbfYbh—mci f'UV]]hmhc XcW a YbhU'dYfZcfa UbW'UbX'i bXYftU_Y'fYgYUfVW'cb']hg'\]gfcfmUbX WcbhYI h]b'gi ddcfhcZmci f'UbU'mg]g/
- Gci fW'g'—mci f'UV]]hmhc YI hYbX'fYUX]b[g' [] Yb']b'WUgg'hc'chYf'fY'Yj UbhgVWc'UfmiHYI hgžUbX'hc fYgYUfVW'Z'fhYf']b'gi ddcfhcZmci f'Uf[i a Ybh'

g\ck "5ffj Y'Uh\Y`YWñ fY'fYUXmhc'dYfZcfa "'H\YfY'k]`VY'bc'VUW_gHJ[Y'UfYU'cf'hja Y'Zc'f'dfYdUfUH]cb"'H\Y
cfXYf'k]`VY'WJ`YX'cb'h\Y'XUmUbX'UggYgga Ybñg'k]`VY'a UXY'VmU'dUbY`cZdfcXi Wfñg"DYfZcfa Yfg'k]`
Zcfa 'h\Y'Ui X]YbW`Zc'f'YUW\ 'UWñUbX'YbñfUbW`g#l]ñg'k]`VY'a UXY'Zca #c'h\Y'Ui X]YbW"5ññbXUbW`]g

@Yb[h. (' \$'a]bi hYg

8YHJ]g. 'H\]g'hYghYI Ua]bYg'mci f'i bXYfghUbX]b['cZ_YmVcbWdHg'UVci hdYfZcfa UbVW'UbX'dcdi 'Uf'W'hi fY"
#]g'VUgYX'cb'hLY'Wci fgY'Wcbh'bhfiYWhi fYgZ'fYUX]b[gZ'UbX'gWfYb]b[gL'dfYgYbHfX'']b'k YY_g'%:hc
("'DYfWbHJ[Y'[fUXY'UbX'']b!WUgg'fYj]Yk "

5XX]h]cbU'XYHJ]g.

H\]g'hYghk]'Wca df]gY'&\$'a i 'hd'Y!Wxc]W'ei Ygh]cbg'UbX'(' g\cfhUbgk Yf'ei Ygh]cbg" #]g'fYWca a YbXYX
hUhmc i 'gh XmhLY'fYUX]b[gZ'YWhi fYg'UbX'gWfYb]b[g'Zca 'hLY'dfYj]ci g'k YY_g"'HLY'hYgh]g'WcgYX'Vcc_
UbX'k]'UghZcf(' \$'a]bi hYg"'5HfYbXUbWf]g'Wca di 'gcfm'-'Zmci 'WJbbchZcf'UbmfiYUgcb'a U_Y'h\]g'hYghmc i
k]'VY'fYei]fYX'hc'Udd'mZcf'gdYW]U'Wcbg]XYfU]h]cb]b'cfXYf'hc'VY'Y']]V'Y'Zcf'fY!g]h]b["

F Uh]cbU'Y. 'H\]g'hUg_YbUV'Yg'mci 'hc'ZcW'g'cb'_YmVcbWdHg'YUf'm]b'hLY'Wci fgYZ'UbX'hc'Yj U'i UH'hLY'YI h'bh
cZmci f'_bck'YX[Y'cZhYa "'#]g'XYg][bYX'hc']bX]W]H'hc'mci 'k \]W'WcbWdHg'UbX'_bck'YX[Y'UVci h
dYfZcfa UbVW'UbX'dcdi 'Uf'W'hi fY'mci 'k]'VY'fYei]fYX'hc'Udd'm]b'hLY'Z'ck]b['hk'c'UggYgga YbhiUg_g"

Gi Va]gg]cb'bchYg.Gi Va]hYX']b'WUgg"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gh XYbhtg`UFY`YI dYWVX`hc`di h`h`Y`f`b`Ua`Yg`UbX`gh`XYbhbi`a`VYfg`cb`Yj`YfmdU[`Y`c`Z`h`Y`f`Ugg][`ba`Ybhtg`"

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

z`mci`YbWci`bHYf`U`dfcV`Ya`k`Yb`U`H`Ya`d]b[`hc`gi`Va`]h`mci`f`Ugg][`ba`Ybh`h`fci`[`h`Hi`fb]h]b`z`d`Y`UgY`
H`Y`d`l`cb`Y`9I`H`f`b`U`G`i`d`d`c`f`h`c`b`-`'`,`)`"``"``"``%`c`f`Y`a`U`]`h`Y`a`c`b`[YI`H`f`b`U`H`f`gi`d`d`c`f`h`i`b`g`k`"Y`X`i`"U`i`"Gi`d`d`c`f`h`
l`ci`f`g`U`f`Y``,`.\\$`\\$`U`a`-`-%`\\$`.\\$`\\$`d`a`c`b`k`Y`Y`_`X`U`m`g`U`b`X`-`-`.\\$`\\$`U`a`-`-`-`.\\$`\\$`d`a`c`b`k`Y`Y`_`Y`b`X`g`f`l`*\)`X`U`m`g`U`m`Y`U`f`l`"z`mci`
U`f`Y`i`b`U`V`Y`h`c`gi`Va`\]h`mci`f`Ugg\]\[`ba`Ybh`X`i`Y`h`c`U`Z`U`i`h`k`\]h`Hi`fb\]h\]b`mci`a`U`m`U`d`d`m`z`c`f`U`b`Y`I`H`f`b`g\]cb`z`Vi`h`mci`
a`i`g`h`f`Y`h`U\]b`mci`f`h\]W`Y`h`bi`a`V`Y`f`z`c`a`9I`H`f`b`U`G`i`d`d`c`f`h`f`U`c`b\[`k`\]h`U`b`m`c`h`Y`f`f`Y`Y`j`U`b`h`X`c`W`a`Y`b`h`g`l`h`c`
\]b`W`i`X`Y`U`g`Y`j`\]X`Y`b`W`h`c`gi`d`d`c`f`h`mci`f`Y`I`H`f`b`g\]cb`U`d`d`\]W`h\]c`b"z`mci`Y`a`U`\]`9I`H`f`b`U`G`i`d`d`c`f`h`mci`k`\]`
U`i`h`c`a`U`h\]W`U`m`f`Y`W`\]j`Y`U`h\]W`Y`h`bi`a`V`Y`f`z`Vi`h\]Z`mci`H`Y`d`l`cb`Y`mci`k`\]`b`Y`Y`X`h`c`g`d`Y`W`Z\]W`U`m`U`g`_`z`c`f`c`b`Y`"
Hi`fb\]h\]b`U`g`c`d`f`c`j`X`Y`g`i`d`X`U`H`g`c`b`h`Y`f`g`m`g`h`Y`a`g`h`U`h`g`c`b`H`k`\]h`Y`f`"](#)

;`Y`b`Y`f`U`m`z`U`g`g`Y`g`g`a`Y`b`h`U`g`_`g`a`i`g`h`V`Y`g`i`Va`]h`Y`X`Y`Y`W`f`c`b]W`U`m`j`]U`Y`]h`Y`f`Hi`fb]h]b`c`f`U`A`c`c`X`Y`
U`g`g][`ba`Y`b`h`-`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`c`h`i`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`c`b`mci`f`W`ci`f`g`Y`g`A`c`c`X`Y`g`]h`Y`k`]h`
U`h`f`b`U`h]j`Y`g`i`Va`]gg]cb`X`Y`h]j`g`"

@UH`5ggYgga YbhDYbU`h]Yg

5`b`U`g`g`Y`g`g`Y`X`h`U`g`_`]g`X`Y`Y`a`Y`X`U`H`]Z`]h]g`]g`i`Va`]h`Y`X`U`Z`Y`f`h`Y`g`d`Y`W`Z]Y`X`h`a`Y`U`b`X`X`U`H`U`g`g`Y`h`c`i`h]b`h`Y`
W`ci`f`g`Y`@Y`U`f`b]b[`A`U`b`U[`Y`a`Y`b`h`G`m`g`h`Y`a`f`@A`G`l`"

H`Y`U`H`d`Y`b`U`h`m]g`h`Y`c`g`g`c`Z`i`c`Z`h`Y`h`c`U`d`c`g`g]V`Y`a`U`f`_`g`z`c`f`h`Y`h`U`g`_`z`c`f`Y`U`W`X`U`m`c`f`d`U`f`h`h`Y`f`Y`c`Z`h`Y`
k`c`f`_`]g`U`H`Y`@UH`b`Y`g`g`k`]`]b`W`i`X`Y`k`Y`Y`_`Y`b`X`g`U`b`X`d`i`V`]W`l`c`]X`U`m`g`"H`l`g`X`c`Y`g`b`c`h`U`d`d`m`h`c`U`h`U`g`_`h`U`h]g`
U`g`g`Y`g`g`Y`X`Vi`h`b`c`a`U`f`_`]g`U`k`U`f`X`Y`X`"

K`c`f`_`g`i`Va`]h`Y`X`z`c`i`f`h`Y`b`f`%`L`X`U`m`g`U`Z`Y`f`h`Y`X`i`Y`X`U`H`k`]`V`Y`a`U`f`_`Y`X`U`b`X`Z`Y`X`V`U`W`_`d`f`c`j`]X`Y`X`Vi`h`b`c`a`U`f`_`
k`]`V`Y`f`Y`W`c`f`X`Y`X`"z`h`Y`k`c`f`_`k`c`i`X`U`j`Y`f`Y`W`]j`Y`X`U`d`U`g`g`a`U`f`_`Vi`h`z`c`f`h`Y`U`H`b`Y`g`g`U`b`X`h`Y`k`c`f`_`]g`U`
W`c`a`d`i`g`c`f`m`W`c`i`f`g`Y`W`c`a`d`c`b`Y`b`h`z`U`g`h`i`X`Y`b`h`k`]`V`Y`X`Y`Y`a`Y`X`h`c`U`j`Y`a`Y`h`h`U`h`f`Y`e`i`]f`Y`a`Y`b`h`H`l`g`X`c`Y`g`b`c`h`
U`d`d`m`h`c`U`h`U`g`_`h`U`h]g`U`g`g`Y`g`g`Y`X`Vi`h`b`c`a`U`f`_`]g`U`k`U`f`X`Y`X`"

K`c`f`_`g`i`Va`]h`Y`X`h`k`Y`b`h`m`c`b`Y`f`&%`L`X`U`m`g`U`Z`Y`f`h`Y`X`i`Y`X`U`H`k`]`b`c`h`V`Y`U`W`W`d`h`X`z`c`f`a`U`f`_`b[`c`f`Z`Y`X`V`U`W`
U`b`X`k`]`f`Y`W`]j`Y`b`c`a`U`f`_`c`f[`f`U`X`Y`"z`h`Y`U`g`g`Y`g`g`a`Y`b`h`U`g`_`]g`U`W`c`a`d`i`g`c`f`m`W`c`a`d`c`b`Y`b`h`c`Z`h`Y`W`c`i`f`g`Y`U`
g`h`i`X`Y`b`h`k`]`U`i`h`c`a`U`h]W`U`m`Z]j`h`Y`W`c`i`f`g`Y`"

GdYW]U`7cbg]XYfU]cb`5dd`]W]h]cbg

M`ci`W`b`U`d`d`m`z`c`f`g`d`Y`W`U`W`c`b`g]X`Y`f`U`h]c`b`k`Y`b`j`b`Y`g`g`c`f`c`h`Y`f`W]f`W`a`g`h`U`b`W`g`]b`h`f`Z`Y`f`k`]h`mci`f`
U`g`g`Y`g`g`a`Y`b`h`d`Y`f`z`c`f`a`U`b`W`"

G]W`b`Y`g`g`z`a`]g`U`X`j`Y`b`h`f`Y`c`f`c`h`Y`f`W]f`W`a`g`h`U`b`W`g`V`Y`n`c`b`X`mci`f`W`c`b`f`c`a`U`m`

f`D`f`Y`j`Y`b`h`mci`z`c`a`W`c`a`d`Y`h]b[`U`W`c`i`f`g`Y`f`Y`e`i`]f`Y`a`Y`b`h`z`

f`?`Y`Y`d`mci`z`c`a`U`h`Y`b`X]b[`U`b`U`g`g`Y`g`g`U`V`Y`U`W]j`]m`z`

f`G`h`c`d`mci`gi`Va`]h]b[`U`g`g`Y`g`g`U`V`Y`k`c`f`_`z`c`f`U`W`c`i`f`g`Y`z`

f`G][b]Z]W]b]h]m]U]Z]Y]W]h]m]c]i] f]d]Y]f]Z]c]f]a] U]b]W]Y]]b]U]g]g]Y]g]g]U]V]`Y]`k] c]f]_]Z]V]Y]`]h]U]`Z]c]f]a] U]`Y]b]X]!]c]Z]g]Y]a] Y]g]h]Y]f]`Y]I] U]a]]b]U]h]c]b]Z]U] W]U]g]g]`h]Y]g]h]Z]U]`U]V]c]f]U]h]c]f]m]h]Y]g]h]Z]U]`g]Y]a]]b]U]f]d]f]Y]g]Y]b]h]U]h]c]b]`c]f]U]b]m]c]h]Y]f]Z]c]f]a] `c]Z]U]g]g]Y]g]g]a] Y]b]h]

: c]f]Z] f]h]Y]f]X]Y]h]U]`g]`]b]`f]Y]`U]h]c]b]`h]c]`G]d]Y]W]U]`7]c]b]g]X]Y]f]U]h]c]b]`]b]W]i] X]b] [`K] \]Y]b]`h]c]`5]d]d]`m]Z]`<]c]k] `h]c]`5]d]d]`m]`U]b]X] `G]i] d]d]c]f]h]b] [`8]c]W] a] Y]b]h]U]h]c]b]`d]`Y]U]g]Y]`f]Y]Z]f]`h]c]`h]Y]`G]d]Y]W]U]`7]c]b]g]X]Y]f]U]h]c]b]`k] Y]V]g]h]Y]`.

[\\]h\]d\]g.\]#\]g\]h\] X\]Y\]b\]h\]i\] b\]g\]k\] "Y\]X\]i\] "U\]i\] #\]g\]d\]Y\]W\]U\]`!\]W\]c\]b\]g\]X\]Y\]f\]U\]h\]c\]b\]](#)

5 WUXYa]W<c bYghmUbX 'D`U[]Uf]ga

D`U[]Uf]ga]g`i g]b['hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b['hYa`Ug`mci f`ck b" #WUb`hU`Y`a Ubm
Zcfa gZ`Zca`XY`]VYfUHY`WXYU]b['hc`UWV]XYbU`mW`dm]b[`Zca`U`gci fW`k]hCi hUW_bck`YX[Ya`Ybh`

I BGK`[fci dg`d`U[]Uf]ga`]bhc`hY`Zc`ck]b[`WUHY`[cf]Yg.

7cdm]b[.`i`g]b['hY`gUa`Y`cf`j`Yfmg]a`]Uf`k`cfXg`hc`hY`cf][]bU`hY`hcf`]XYU`k`]hCi hUW_bck`YX[]b['hY`
gci fW`cf`i`g]b[`ei`chU]cb`a`Uf`g`"H`]g`U`gc`Udd`]Yg`hc`]a`U[YgZ`UfhUbX`XYg][`b`dfc`YWgZ`Ug`k`Y`"Ug`
dfYgYbhU]cbg`k`YfY`gca`YcbY`dfYgYbhg`Ubc`hY`f`g`]XYUg`cf`k`cfXg`k`]hCi hWYX]h`

#Uddfcdf]UHY`dUfUd`fUg]b[.`W`Ub[]b[`U`Zy`k`cfXg`UbX`d`fUgYg`k`Y`a`cghm`fYU]b]b['hY`cf][]bU`
g]fi`W`fY`UbX`]bZcfa`U]cb`k`]hCi hUW_bck`YX[Ya`Ybh`"H`]g`U`gc`Udd`]Yg`]b`dfYgYbhU]cbg`k`YfY`gca`YcbY`
dUfUd`fUgYg`Ubc`hY`f`g`]XYUg`cf`k`cfXg`k`]hCi hWYX]h` #U`gc`Udd`]Yg`hc`d`]YW]b[`hc`[Y`hY`f`ei`chYg`UbX`
dUfUd`fUgYg`]bhc`U`bYk`k`c`Y`Z`k`]hCi hfY`ZYfYbW]b[`UbX`U`gh`XYbh`g`ck`b`UbU`mg]g`hc`Vf]b['hY`a`U`hY`f]U`
hc`[Y`hY`f`"

7c`i`g]cb.`k`cf_]b[`k`]h`chYfg`Vi`hdUgg]b[`cZ`hY`k`cf_]Ug`U`dYfgcb`g`]bX]j`Xi`U`k`cf_]7c`i`g]cb`U`gc`
]bW`i`XYg`dfcj`X]b[`mci`f`k`cf_]hc`Ubc`hY`f`gh`XYbhVY`Zc`fY`hY`Xi`Y`XU`hY`Zc`f`Zc`f`hY`di`fdcgY`cZ`hY`a`
d`U[]Uf]g]b[`Uh`Ubmi`h`a`Y`Z`dUm]b[`Ubc`hY`f`dYfgcb`hc`dYf`Zc`fa`Ub`UW`XYa`]W`hUg`_`Z`ghY`U`]b[`cf`U`W`ei`]f]b[
Ubc`hY`f`dYfgcb`g`UW`XYa`]W`k`cf_]UbX`W`dm]b[`]h`c`Z`Y`f]b[`hc`W`ca`d`Y`hY`Ubc`hY`f`dYfgcb`g`k`cf_]cf`g`Y`Y_]b[
dUma`Ybh`Zc`f`W`ca`d`Y`h]b[`UW`XYa`]W`k`cf_]`

#Uddfcdf]UHY`W`hU]cb.`7`]h]b[`gci`fW`g`k`Y`W`U`j`Y`bchV`Y`Yb`fY`U`X`Z`k`]hCi hUW_bck`YX[]b['hY`"gY`W`bX`U`fm`
gci`fW`Z`ca`k`Y`W`_`bck`YX[Y`cZ`hY`a`U`g`V`Y`Y`b`c`V`hU]bYX`"

8i`d`]W`h]cb`f`f`gY`Z`d`U[]Uf]ga`"E`gi`Va`]h]b[`mci`f`ck`b`k`cf`_`Z]b`k`c`Y`cf`]b`dU`f`Z`k`Y`fY`]h`U`g`d`fY`j`ci`g`m`
V`Y`Y`b`d`fY`dU`fY`X`c`f`gi`Va`]hY`X`Zc`f`Ubc`hY`f`UggY`gga`Ybhcf`W`ei`fgY`U`hI`BGK`cf`Ubc`hY`f`i`b]j`Yfg]h`"

7c`ffY`W`hY`Z`Y`fY`bW]b[`d`fU`W`]W`g.

- VYhYf'a UbU[Y'mci f'hja Y

F Ygci fWg

DfYgWf]VYX F Ygci fWg

F Yei]fYX fYUX]b[g

5 fYei]fYX fYUX]b[g UfY Uj U]UVY]b hY]VfUfmk]h]b_g Zca A ccX Y Gca Y gci bX UbX j]XYc fYWfX]b[g UfY Ugc Uj U]UVY cb]bY"

Mci UfY YI dYWYX hc df]bhci hcf'a Uf_i d U'X][]U WcdmicZH Y fYUX]b[g Zcf YUW k YY_ UbX Vfb[h Ya hc WUgg" Zmci Xc bchUff]j Y Uhh hcf]U'g dfYdUFYX fk]h Yj]XYbW cZa Uf_YX i d fYUX]b[g h hc fg fYgYfj Y h Y f][\ htc a Uf_mci U'g UVgYbhZcf h Uhk YY_"

Z]b_g hc hY fYUX]b[g]b A ccX Y Xc bchk cf_zmci UfY YI dYWYX hc gci fW hY fYUX]b[X]fYWhiZca hY]VfUfmWU]c[i Y cf XUHVUgY mci fgY ZUbX]bZca hY YW h fYf ja a YX]U h m h U h h Y]b_]g bchk cf_b[" 6fc_Yb]b_g UfY bchUb YI W gY Zcf bch Uj]b[gci fW X UbX fYUX hY fYUX]b[g mci fgY j Yg"

F YWca a YbXYX F Ygci fWg

F YgYUfW Z fh Yf

Gi [[Yghc bg Zcf Z fh Yf fYgYUfW]b hY]VfUfmUbX cb]bY UfY]bW XYX]b hY Wci fgY WcbhYbh Mci WUb i gY h YgY Ug ghUff]b[dc]bhZcf fYgYUfW]b[mci f YggUmUbX Ug Z fh Yf fYUX]b[cb hcd]W mci Z]bX]b h fYgh]b[" K \ YfY fYgci fWg Zcf Z fh Yf fYgYUfW UfY bchUj U]UVY cb]bY Zh Y ma UmVY Vc fck YX Zca h Y]VfUfm U]b_ hc hY]VfUfm fYWfX]g dfcj]XYX Zcf h YgY"

H Y]VfUfmcZY fg fYgci fWg]b U j Uf]Ym cZca Uhg - cb]bY Ufh WYgZ df]bh Y Vcc_gz Xj X fYWfX]b[g UbX gh fYUa]b[j]XYc Mci WUb UVWgg U h Y 5F HG & % & ']VfUfm fYgci fWg X]fYWhiUbX mci WUb fYUX a cfY UVci h]VfUfm gYfj]Wg Zcf gh XYbhg Uh \ h d. #]VfUfm i bgk " YXi " Ui "

Gh XYbhg UfY Ugc YbWci fU[YX hc Vf]b[fY Yj Ubha UfYf]U'g]bhc WUgg -]bW X]b[Ufh WYg]b h Y a YX]Uz j]XYc fYWfX]b[gZdfY Zca UbW fYj]Yk g UbX]bZca Uhcb UVci hi dWca]b[dYfZca UbWg"

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

J U'i]b[mci fZYXVUW

Gh XYbhZYXVUW]g[U h YfYX h fci [\ ci h h]g Wci fgY Vch Vm]bZca U ZYXVUW gYgg]cbgZ Vm7 5H9 = dfcWggYg UbX j]U'gh XYbhUggYgga Ybhg k \ W Z d Ufh W Uf m]b h Y WUgY cZdfYgYbhU]cbg]b h]g Wci fgYz UfY XYg][bYX hc]bX]WU h k \ YfY gh XYbhg k ci X]_Y hc gY Y WcbhYbh]b h]g Wci fgY hfUj Y]b[hc " 5X g h Ybhg hc h Y Wci fgY WcbhYbhZ dfYgYbhU]cb a cXY UbX ghf W h fY \ Uj Y VYb a UX Y h]g m Y Uf VUgYX cb gh XYbhZYXVUW Zca h Y Ughk c m Y Ufg"

K \ Uh] bYk

Gh XYbhg \ Uj Y a cfY cddcfh b]hYg hc YUfb UVci ha i g]W h Y UfY UbX dcdi Uf XUbW]b h Y & \$ % +]h fU]cb cZ h]g Wci fgY " B Yk WcbhYbh \ Ug VYb UXXYXZ XfUk]b[cb fYWbhXY Y cda Ybhg UbX W ffYbh fYgYUfW / gca Y WcbhYbh \ Ug VYb fYa cj YX " b h Y Ughk c m Y UfgZ gh XYbhg k YfY []j Yb a cfY gW dY hc VY UW h j Y YUfb Yfg]b h hc f]U'g k]h U fUb [Y cZUW h]h Yg " 5bch Yf]bbcj Uhcb k Ug h Y Zca UhZcf [fci d dfYgYbhU]cbg" H Y gY UW h j]h Yg k] Wcbh bi Y h]g m Y Uf"

⇒ U[Y'7 fYX]h

\hd.##k k k "_]gga mj Ubg"Vta "a l #lcgh#% +&* +* ++)) - #ch↑ ghU!Zb!Ugr 7' i 58!\Ya cg!j]j]Xc!bi Ygrfcg

7F ⇒ CG

7F ⇒ CG'Dfcj]XYf'7cXY.'\$\$\$- , ;