

7ci fgY^{*}Cj Yfj]Yk

GHJZ7cbHJWh8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D\cbY
5bXm; Uc	li Ygcb["[Uc4 i bgk "YXi "Ui	&!(da 'H\i fgXUmg UbX'Vm'Ya U]` Uddc]bha Ybh	; && A cfj Yb 6fck b 6i] X]b[\$&`-\$*) &*+,

GWXcc`7cbHJWhi±bZcfa Uh]cb

GWkcc``cZ9Xi WUH]cb 5fhgž8Yg][b'UbX'5fWk]hYWhifY

; fci bX': `ccfž'A cfj Yb '6fck b '6i]`X]b['fl &\$Ł

H. 'Ž*%'f&Ł'-',) '%++

9. YXi WUNcb4 i bgk "YXi "Ui

K. \hdg.#kkk"Ufhg"i bgk"YXi"Ui#YXi WUh]cb

5W_bck `YX[Ya YbhcZ7ci bhfm

I BGK '5frgž8Yg][b'UbX'5fW,]hYWi fY'? Ybg]b[hcb'UbX'DUXX]b[hcb'Wa di gYg'UfY'Vi]'hcb'5Vcf][]bU`@UbXg"'K Y'dUmci f'fYgdYWrg'hc'h\Y'6]X'][U''UbX'; UX][U''dYcd'Yg'k \c'UfY'h\Y'7 i ghcX]Ubg'cZh\YgY'`UbXg" K Y'UW_bck 'YX[Y'h\Y'5Vcf][]bU`'UbX'HcffYg'GHfU]h=g`UbXYf'dYcd'Ygž'h\Y':]fgh5i ghfU`]Ubgžk \cgY'`UbXgž k]bXg'UbX'k UhYfg'k Y'U``'bck 'g\UfYž'UbX'dUmfYgdYWhc'h\Y]f'i b]ei Y'j U'i Ygž'UbX'h\Y]f'Wcbh]bi]b['UbX YbXi f]b['W' 'h fYg'k \]W XYYdYb'UbX'Ybf]W 'h\Y'`]ZY'cZci f'bUh]cb'UbX'Wca a i b]h]Yg"''

 $\label{eq:continuous} $$ = U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] BGK $$ fig'+bX][Ybcig'ghfUhY[m] $$ $$ $$ U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] $$ $$ $$ U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] $$ $$ $$ U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] $$ U[Y'UhY'] $$ U[Y$

5ggYgga Ybh

5ggYgga YbhhUg_	K Y][\h	8iY'8UhY	7 ci fgY @YUfb]b[Ci hWca Yg 5ggYggYX
%"FYZYW¶cb	(\$1		

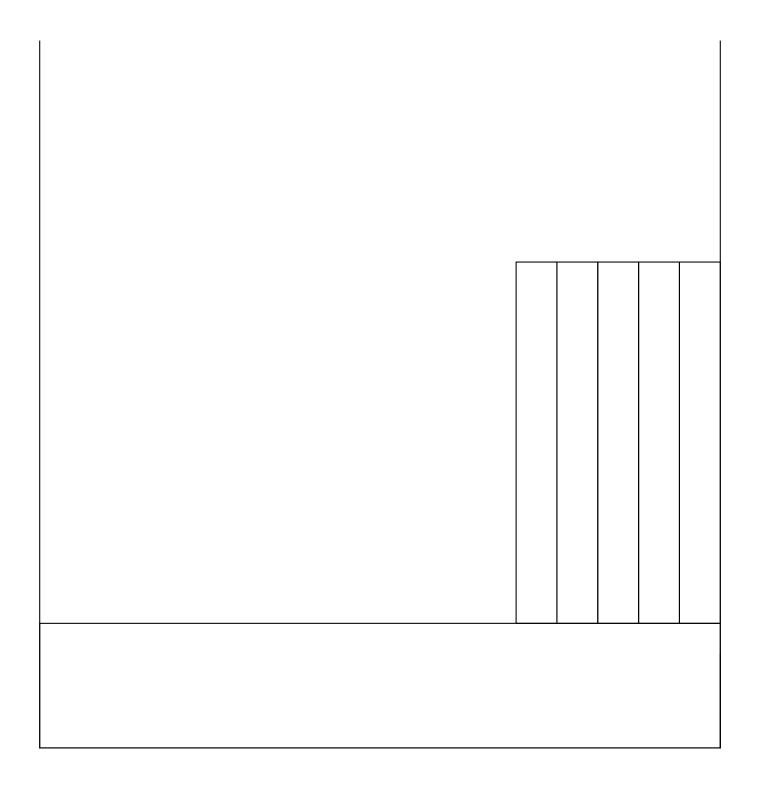
H\Y`i dXUhYX`UggYgga Ybh`[i]XY`]bYg

FI 6F = 7 # 998657? 'G < 99H 98GH&\$\$' '@95FB=B; '5B8'H957 < =B; .'@5B; I 5; 9ž'@=H9F57M5B8 BI A 9F57M

I BGK 'G7<CC@'C: '98I 75H€B

5ggYgga Ybh'HUg_'% FYZYWhjcb

GdYWJZJW7 f]HYf]U	"flŁ——	 2	2fŽŁ
I bXYfgHJbX]b['cZ'h\Y'ei Ygh]cb'cf']ggi Y'UbX'h\Y'_YmWcbWfdhg]bj c`j YX			
 5 WWW fUHY`m]XYbHZYg'UbX'↑ gHZYg'UfYUg'cZgHYb[H\`UbX XYj Y`cda Ybh 			
 7 cbg]XYfg'bYYXg'cZgh XYbhg'Zfca 'X]j YfgY'`]b[i]gh]Wz'W'`hifU'ž fY`][]cig'UbX'gcW]cYWcbca]WVUW_[fcibXg 			
• 7 cbg]XYfg'k \Uh`\Ub[i U[Yž`]hYfUWhž'UbX'bi a YfUWh`ZJWhcfg'UfY UggcW]UhYX'k]h\'X]ZZYfYbWYg']b			

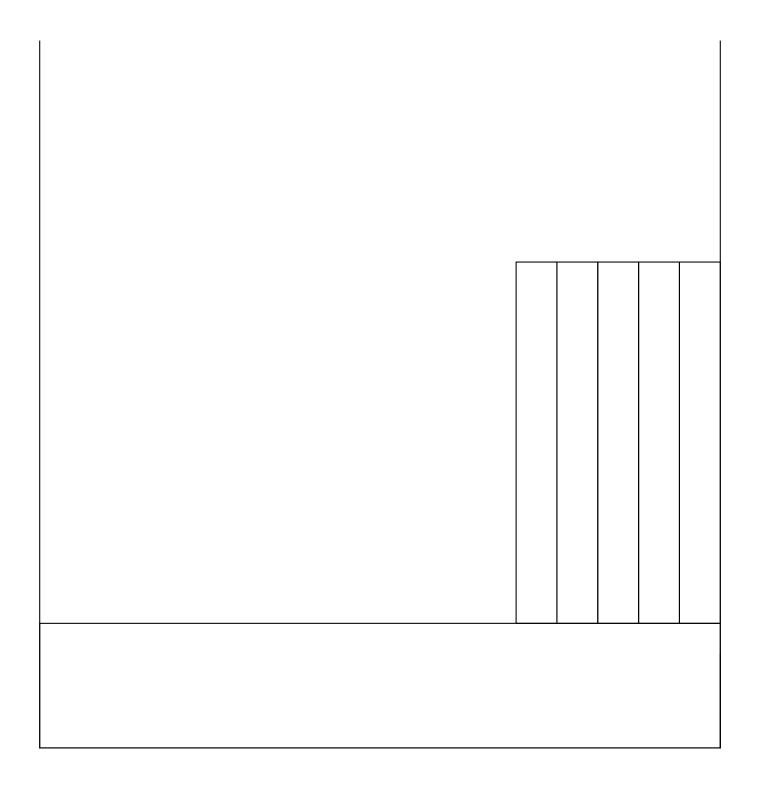


FI 6F = 7 # 998657? 'G < 99H 98GH&\$\$' '@95FB=B; '5B8'H957 < =B; .'@5B; I 5; 9ž'@=H9F57M5B8 BI A 9F57M

I BGK 'G7<CC@'C: '98I 75H€B

 $5\,ggYgga\ Ybh'HUg_^{-}\&.^{-}@Yggcb'^{-}5\,Whjj\]hjYg'^{-}UbX'^{-}5\,bU'mhjWU'^{-}DUdYf$

GdYWJZJW7f]HYf]U	"flŁ	2fŽŁ
I bXYfgHJbX]b['cZ'h\Y'ei Ygh]cb'cf']ggi Y'UbX'h\Y'_YmWcbWYdhg]bj c`j YX • 5bU`mh]WdUdYf']XYbh]Z]Yg'UbX'XYgWf]VYg'Uh`YUghih\fYY'ghfYb[h\g UbX'hk c'dchYbh]U```]a]hUh]cbg'cZYUW\'UWh]j]hmž'Ug'h\YmfY`UhY'hc X]ZZYfYbh`YWh fY'hcd]Wg'Zfca 'h\Y'Wci fgY		
8Ydh\cZUbU`mg]g`UbX`Wf]h]eiY`]b`fYgdcbgY`hc`h\Y`HJg_		
 8 Ya cbglfUllYg'XYdl\'cZi bXYfglUbX]b['cZh\Y'Wca d'Yl 'bUli fY'cZ lcd]Wg'UXXfYggYX']b'dUdYf 		
5 bU`mmjWdUdYf'\Ug'U'WYUf'UiX]YbWY'UbX'h\Y'difdcgY'Zcf'kf]hjb[]g'WYUf		
• 5bU`mh]WdUdYf`\Ug`U`WYUf`Uf[iaYbhhc`giddcfhdc]bhcZj]Yk		
 5ddfcdf]UhY`m'UbX'gi VghUbh]U``mi]bWcfdcfUhYX'`YUfb]b['Zfca Wci fgY'WcbhYbh']b'UbU`mf]WdUdYf'UbX'`Yggcb'd`Ub 		
: Ua]`]Uf]hmk]h\ 'UbX'fY`Yj UbWY'cZ'dfcZYgg]cbU``UbX#cf'fYgYUfW\ `]hYfUh fY'i gYX'hc'gi ddcfhfYgdcbgY		
 FY`Yj Ub\\\"\UbX\"i gY\"cZ\Uh``Y\Ugh`Y][\hfY\UX]b[g\"fbchj]\Yk]b[g\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
• FYUX]b[g'W]hYX'UfY'WYUf'mibXYfghccX		
• H\Y'WjhYX'fYUX]b[g'gi ddcfhh\Y'Uf[i a Ybh		
 H\Y`WcbbYWfjcbg`VYfk YYb`f\Y`Yj]XYbWY`Zfca `fYUX]b[g`UbX Uf[i a Ybfg`UfY`YI d`]WfhmdfYgYbfYX 		
Ghfi Whi fY'UbX'cf[Ub]gUh]cb'cZfYgdcbgY		



5 hyb XUb WY F Yei] fYa Ybhg

GW.cc`cZ'9Xi WUh]cb'5HYbXUbWYFYei]fYa Ybh

H\Y`GW\cc``cZ9Xi WUhjcb`fG98\EfYei]fYg`ghi XYbhg`a YYh`U`a]b]a i a `UhhYbXUbW' fYei]fYa YbhcZ, \$i `cZU`` gW\YXi `YX`WUggYg`f]"%"`YWhi fYgž'hi hcf]U`gž'k cf_g\cdgž'gYa]bUfg\Ezcf`U```Wci fgYg":5hhYbXUbW']b`dYfgcb`]g fYei]fYX`Zcf`hi hcf]U`gž'gYa]bUfgž'UbX`k cf_g\cdg`k \Yb`Wci fgY`UfY`XY`]j YfYX`]b`ZJ\WY!hc!ZJ\WY`a cXY\"\=h]g`h\Y fYgdcbg]V]`]micZghi XYbhg`hc`Ybgi fY`h\Uhih\Y]f`UhhYbXUb\W`]g`fY\\cf`XYX`Zcf`h\Y`ZJ\WY`hc`ZJ\WY`Y]h\Yf`Vm Y`Y\\fob]Wa YUbg`cf`j]U`Ub`UhhYbXUb\W`fY[]g\HYf\`5hHYbXUb\W`]b`cb`]bY`cf`V`YbXYX`a cXY`k]```VY`UggYggYX h\fci [\`X][]h\": i fh\Yf`]b\Zcfa Uhjcb`\Wb`VY`Zci bX`\\fY

		gi ddcfh#bUhjcbU`!`]hYfUWn!bi a YfUWn!hYgh`UbhjhY
		łGi dd`Ya YbłUfmfYUX]b['a UlYf]U`
K_YY_'&.'&%: YVfi Ufm!	Hcd]W	D`Ubb]b['Zcf'bi a YfUWm'UWfcgg'h\Y'W'ff]W'`i a
<mark>&) : YV\$iU\$</mark> mi&%: Y'fiU,r	n!	8Ya UbXgʻUbXʻcddcfh b]hjYg
		Hi hcff]W`.
		l bdUW_]b['XYa UbXg'UbX'cddcfh b]h]Yg'Zcf bi a YfUWn]bghfi W]cb
		@5BH±H9^dfYdUfUh]cb
		FYei]ff/XXFFY/UXXII)b[.
		BGK '8YdUfna YbhcZ9Xi WUnjcb. Bi a YfUWm \hdg.##(Xi WUnjcb"bgk "[cj "Ui #YUW\]b[!UbX!`YUfb]b [#W ff]W`i a #]NYfUWnUbX!bi a YfUWn#YUW\]b[!UbX! 'YUfb]b[!fYgci fW/g#bi a YfUWn
		ł; ccgž; Y][Yfž/'8c`Y"'f&\$‰U/VŁ/GY``Ufgž &\$% U/H\cfbhcb/' <c[ub`f&\$\$)ł< td=""></c[ub`f&\$\$)ł<>

A UfW		₩ ff]₩`i a
		8 Ya UbXgʻUbXʻcddcfii b]hJYgʻʻDf]bWJd`YgʻZcf YZZYWJj YʻHYUWX]b["`8 Yg][b]b[`[ccX`HJg_g'' A i `HJ`]hYfUWJYgʻdYXU[c[m/H\Y`Zci f`fYgci fWYg a cXY`/8]ZZYfYbhJUHJcbʻUbX`gWUZZc`X]b["`H\Y]a dcfhUbWY`cZcfU```Ub[i U[Y`XYj Y`cda Ybh'
		Hi lcf]U`.
		5dd`m]b['h\Y'Zci f'fYgci fW'a cXY`g'UbX gWUZZc`X]b[
		5XX]n]cbU``cb`]bY`UWnjj]njYg`Zcf`@5BH+19 dfYdUfUnjcb
		FYei]fYXFYUX]b[.
		7_\UdhYfg`&'/ '' `]b` <ybxyfgcb`f&\$%-łž7\udhyf`%`]b ;]VVcbg`f&\$\$&Ł</ybxyfgcb`f&\$%-łž7\udhyf`%`]b
		ł A [MXY``'/ 'G\UfdY'f&\$\$) Łž'; 'YYgcb'/ '8 Uj]gcb f&\$% Ł
		\hdg.##a We"bYgU"bgk "YXi "Ui #Vci fgY#gWkcc`! \Wfh]Z\WUHY#\b[`]g\!`]HYfUWh#fgca Y`cZh\Y`a Uh\!UbX `]HYfUWh!fY`UHYX`gi VYWhei]nnYg`fYgYa V`Y @5BH+H9`HYgh`]HYa gŁ
		łGi dd`Ya YbrUfmfYUX]b['a UhYf]U`
K YY_').'%('A UfWX'!'% A UfWX	Hcd]W	@Ub[i U[Y'UbX'UWUXYa]W']hYfUWm'JcWUVi 'Ufm UbX'[fUa H9&

K YY_', .'('5df]`!', '5df]`	Hcd]W	@Ub[iU[Y`UbX`UWUXYa]W`]hYfUWm`Kf]h]b[
		: cWg'cb'[YbfY
		GWUZC`X]b['[YbfYg']b'h\Y'WUggfcca
		H/Y'hYUWX]b['UbX'`YUfb]b['WhWY
		H\Y`fc`Y`cZcfU```Ub[i U[Y"
		: YYXVUW_cb'k f]h]b[
		Hi hcf]U`.
		5 Whjj]hjYgʻhoʻdfoa chYʻk f]hjb[/YZZYWhjj YʻZYYXVUW_dfUWhjWYg
		@5BH+H9'DfYdUfUhjcb
		FYei]fYX'FYUX]b[.
		7\UdhYf'% ']b' <ybxyfgcb'f&\$% 7\udhyf'*']b<br="" ł="">;]VVcbg'f&\$\$-Ł/ł@hfY``'/ 'DUf_Yf'f&\$\$%Ł</ybxyfgcb'f&\$%>
		BGK '8 YdUffa YbhcZ9Xi WUfjcb. 'K f]fjb[\httq.##YXi WUfjcb"bgk "[cj "Ui #YUWX]b[!UbX!`YUfb]b [#gh XYbhUggYgga Ybh#ga UfflhYUWX]b[! ghfUfY[]Yg#]fYfUWfr#k f]h]b[
		ł Gi dd`Ya YbłUfmfYUX]b['a UłYf]U`
K YY_''%%'5df]`'!'%)	Hcd]W	@]hYfUWnžBi a YfUWnUbX`8]j Yfg]hm
5df]`		6ci fX]Yi 'gʻZcfa gʻcZWUd]hU`
		@jhYfUWm`YUfb]b[']b'fi fU`'Wcaai b]hjYg
		<ca <="" a="" td="" y`ubx`gw\cc```]hyfuv]yg#bi="" yfuwh=""></ca>
		8YZMhX]gWcifgYg
		9ei]hmUbX`']bj]g]V`Y'`X]j Yfg]hm
		Hi lcf]U`.
		7 UgY 'ghi X]Yg 'cZfi fU` 'gWXcc` 'ghi XYbhg 'UbX ghi XYbhg 'cZX]ZZYfYbh'W 'hi fU` 'VUW_[fci bXg"
		@5BH+H9'DfYdUfUh]cb
		FYei]fYXFYUX]b[.

	7 \UdhYfg'%%/'%&']b'< YbXYfgcb'f&\$% Ł ł 5 i gh]bž'&\$% /: Ui`_bYf'f&\$\$) Ł' \hdg.#k k k "Ufhg"i bgk "YXi "Ui #YXi WUh]cb#ghi Xmli g#

F Ygci fWYg

DfYgWf]VYX F Ygci fWYg'

HYI HVcc_g'

•

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

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

Image: Ybwci bhYf'U'dfcV'Ya k \Yb'UhYa dhJb['hc'gi Va]hmci f'Ugg][ba Ybht\fci [\'Hi fb]hJbž'd'YUgY

HY'Yd\cbY'9| hYfbU'`Gi ddcfhcb'-',) '' ' ' %cf'Ya U]`'h\Ya 'cb'Y! hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh
\ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY_XUmg'UbX'-.\$\$Ua '-').\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUfŁ"'=Imci
UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZJi 'hk]h\'Hi fb]hJb'mci 'a UmUdd'mZcf'Ub'Y! hYbg]cbž'Vi hmci
a i ghfYhJ]b'mci f'hJW_Yhbi a VYf'Zfca '9! hYfbU'`Gi ddcfhfU'cb['k]h\'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁ'hc
]bWi XY'Ug'Yj]XYbW'hc'gi ddcfhmci f'Y! hYbg]cb'Udd']WUhJcb"'=Imci 'Ya U]`'9! hYfbU'`Gi ddcfhmci 'k]``
Ui hca UhJWJ'`mfYWY]j Y'U'hJW_Yhbi a VYfž'Vi h]Zmci 'hY'Yd\cbY'mci 'k]``bYYX'hc'gdYWJZJWJ'`mUg_'Zcf'cbY"
Hi fb]hJb'U'gc'dfcj]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'ghUh' g'cb'Hk]hYf"

; YbYfU``mž'UggYgga YbhiHug_g'a i gh'VY'gi Va]hhYX'Y`YWfcb]WJ``mj]U'Y]h\Yf'Hi fb]h]b'cf'U'A ccX`Y Ugg][ba Ybh'' = D']bgHJbWYg'k \YfY'h\]g']g'bchdcgg]V'Yž']hk]``VY'gHJhYX'cb'mci f'Wci fgY'g'A ccX`Y'g]hY'k]h\

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

D`U[]Uf]ga `]g`i g]b['h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b['h\Ya `Ug`mci f`ck b"`=hWJb`hJ_Y`a Ubm Zcfa gžZca `XY`]VYfUhY`W\YUh]b['hc`UVW]XYbhJ``mWcdm]b['Zfca `U`gci fWY`k]h\ci hUW_bck `YX[Ya Ybh'

IBGK [fcidgdu[]Uf]ga]bhch\YZc``ck]b[WUhY[cf]Yg.

 $\begin{tabular}{ll} \hline \textbf{7.cdm}b[...] g]b[...] MY cf'j Yfmg]a] ``Uf'k cfXg'hc'h\Y'cf][] bU``HYI hcf']XYU'k]h\ci h`U\W_bck ``YX[]b[...] b[...] MY cf'i g]b[...] bU``HYI hcf']XYU'k]h\ci h`U\W_bck ``YX[]b[...] b[...] MY cf'i g]b[...] a UhYf]U`gž']XYUg'cf'WcbW'dhg'\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]WY\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '`U'Vcc_\bar{Z}Ufh]\bar{Z}ca '``U'Vcc_\bar{Z}Ufh]\bar{Z}ca '``U'Vcc_\bar{Z}Ufh]\bar{Z}ca '``U'Vcc_\bar{Z}Ufh]\bar{Z}Ufh]\bar{Z}Ufh]\bar{Z}ca '``U'Vcc_\bar{Z}Ufh]\bar{Z}U$

5 WUXYa]W + DZcfa Uhjcb

8 i Y 'hc 'Yj c'j]b['UXj]WY 'VmBGK '<YU'h\z'gh XYbhg'a i ghW\YW_'Zcf'i dXUhYX']bZcfa Uh]cb 'fY[UfX]b['cb`]bY 'YUfb]b['Zcf'U``'5fhgž'8Yg][b 'UbX'5fW\]hYWi fY 'Wci fgYg'h\]g'hYfa 'fJ]U'A ccX'Y'cf'Wci fgY']bZcfa Uh]cb dfcj]XYX"L

: cf`YggYbhJU``ghi XYbh`]bZcfa UhJcb`fY`UhJb['hc.