

5MDC\YfH'9 <LbX Gk YfE[Yf}H

; fi bXk Yf_gcZf
i' GU"
i' <cWY[]MfYQ} \Y
i' Si a]b} a

9a dZ\ YbY' gZgJh[]MfY
i' SbL[YdZ'6\ } YfZAUjM]b]dZ'GU \U
i' fZgYbXg]mi b[i "FYdLUh f



5MDC\YfH'9 \$' 9 <LbX Gk YfE[Yf}H

9Y 5MDC\YfH'j Yfgk YfE[Yf}Y 9Y_HicYbYfYb fii HZVUjgJAE7Y! i bXGbbXfYfY_HicYbXVjgri Yf]Ya '8i fMa Yg]fj cb' Z} 'aa"5g; fi bXk Yf_gcZf Yf] bYb'g]WOU \Z'cWY []MfYQ} \Ygk]Y Si a]b} a " 8Yg' : Y []M] } Hja '9ZgJha UWHXfY 5MDC\YfH'j b' YXf'6\ bWY [YZU []M'8Yj c'Y5_ j ! @X b[fY]MhZ fVjgri * GfW' Z} 'aa Vrk" Vjgri " % GfW' Z} 'aa '9Y_HicYb'

AYf_aUY
i' <GZHUfH' DfZ' HgYb] YfUfYbW]7Y! i bXf H]Yb'9Y_HicYb
i' GZHUfH' GU]Yf'@MhC[YbXf fVQZHUfH'Z fVUjgJW'9Y_HicYbZ'
XfYV]b]YXf] Ya Gk YfEg]fca ri bXfYb
i' 8ribL_ g] Zb'cgY]b]Y' VUf] G] Zb'cgYfY[i]Yfi b[Xf'8ribL_]
i a]a]_ j fV]Yf] Ya '9\ " \Yb Xf'Gfca g] f_YXUj'9g]UfYbXfGGA YfUWVg
gk]Yf]b'] b[YfYg'ri fVg]V]YfYbXfG@MhC[Yb]gri j Yfa YfXfYb

i' HUf'GAbY' Ygi bXf]b]UWg <YfYbXf fVd' i' g]YfYbXfYb@MhC[Yb]b'Yf]Ya '
5fW]f]g]M]H
i' H: 7ca ZfH'Ged' '8Y]b]YfY' Gk Yf] i b[XfY'Gk YfE]VfYb]f]g]g]r]b' HXfY'Gk YfE
g]fca U fca Ujg]WUW/XUj] Yf]bXfYbXUj] } g]]Y'5fY]EYbXfG@MhC[Yb]g]Lb '
Gk YfEYbXf

HfWb]g]W'8UfYb'

	5MDC\YfH'9 \$
Gk YfEg]fca WfY]Wk = !87'GQ	' i % \$
Gk YfEg]fca WfY]W'9Y_HicYb' 87'GQ	% 6i % \$
9Zg]MhXU YfW] % a]b' # (\$ \$7f'6 ('s L	% 6si '98W] (\$5
9Zg]MhXU YfW] % a]b' # (\$ \$7f'6 ('s L	% i '98W] % \$5
9Zg]MhXU YfW] % a]b' # (\$ \$7f'6 ('s L	6} i '98W] % \$5
BfVng]Lbbi b['OQ	8' \$
@YfU Zg]Lbbi b['OQ	- \$
GM hLUh	-D8
; Yk]MfQ[Q	%
AUEY@ '6i < @aQ	(') i % \$ i % \$

6YgY' cd'jcbYb'

5fH'BF' 6fH]Mbi b]
8\$\$\$, ' % 5MDC\YfH'9 \$Za]h'UW'g]H'6i (a i
i '9Y_HicYb' i bXAUjg]_UWZ'_ca d'YfH'cd'jYfH'

HUbgDcVYH''9 <LbX'GAK YJEL YF}H''

; fi bXk Yf_gcZV
i' 7fEJ
i' QcbXYfa YUUY
i' GUA`

9a dZa` YbY'gJgHr[WYVY
i' SbU[YdZ'6A) YfZAUJMbYdZ'GUA` WU
i' <YJa k Yf_WYVJW
i' &gUbyGfmi b[i' "FYdURhi f
i' AYU' i' "DcfUUVU z'GNVoggYfZ'GNa JYXY
i' GNVZU #CZj cYfHUbGdVYH'9) \$S&



HUbgDcVYH'9) \$\$' 9 <LbX'GAK YJEL YF}H''

gYHUbgDcVYH'9) \$\$' jhYb] c' X]JU [YV[YVH'9 <LbX'GAK YJEL YF}H'' Ha]HngbUbfY' &HY'] YbY'gY'XUY'Ybb]b]Y gdf HZ fY]bYb'gYfjgUW]Yb @MVC[YbzU WVM] Ud [Yb Bfmi Y]a b[Yb Vlg?&\$ AYV' cXV'W] gAK Ub_YbXVb BfmgUbbi b[Yb'GY' Yf gAK YJEL URb]YfHU Y'9Y_HicXVbndMb Vlg('aa i U W7Y'9Y_HicXVb) Z'UbUlgUMV'

AYf_aUY
i' 5b]G]M': i b_fcb
i' 7Y'fU []W
i' g[]HUY GAK Y]EdfctggY[Yi b[]
i' '9bY[]NgdURbXV'&j YfYfYVb'c'c[]Y
i' YbYUc'fU []W
i' GAK YJELURb]YfHU

HUbgDcVYH'9) \$\$' 9 <LbX'GAK YJEL YF}H''

gYHUbgDcVYH'9) \$\$' jhYb] c' X]JU [YV[YVH'9 <LbX'GAK YJEL YF}H'' Ha]HngbUbfY' &HY'] YbY'gY'XUY'Ybb]b]Y gdf HZ fY]bYb'gYfjgUW]Yb @MVC[YbzU WVM] Ud [Yb Bfmi Y]a b[Yb Vlg?&\$ AYV' cXV'W] gAK Ub_YbXVb BfmgUbbi b[Yb'GY' Yf gAK YJEL URb]YfHU Y'9Y_HicXVbndMb Vlg('aa i U W7Y'9Y_HicXVb) Z'UbUlgUMV'

AYf_aUY
i' 5b]G]M': i b_fcb
i' 7Y'fU []W
i' YbYUc'fU []W
i' GAK YJELURb]YfHU
i' GAK YJELURb]YfHU
i' GAK YJELURb]YfHU

YVb]gUW'8UYb'

	HUbgDcVYH'9) \$\$'	HUbgDcVYH'9) \$\$'
GAK YJELURb]YfHU	%i %\$	%i %\$
GAK YJELURb]YfHU	%i %\$	%i %\$
gYHUbgDcVYH'9) \$\$' a]b#(\$S'7fE) (\$L	' \$i '98W] %\$5	')i '98W] %\$5
gYHUbgDcVYH'9) \$\$' a]b#(\$S'7fE) (\$L	%\$si '98W] , \$5	%\$si '98W] %) 5
BfmgUbbi b['00	& \$	' , \$i (*\$
@YfU Z'gUbbi b['00	- &	//
BfmgUbbi b['00	%	%
7ogd]	\$&- f' \$5L	\$&- f' \$5L
GAK H'fU	-D&	-D&
; Yk]MfQ['0	(Z	%&
AUEY @ 'i < @aQ	' %i %\$i %\$	(' \$i %\$i ' %\$

6YgY' cdf]cbYb'

5fH'BF' 6YfY]Mbi b[
&\$\$\$, ' & HUbgDcVYH'9) \$\$' a]b#(\$S'7fE) (\$L
&\$\$\$, '' HUbgDcVYH'9) \$\$' a]b#(\$S'7fE) (\$L
i' 9Y_HicXVb) i b'c'UgY_UWZ_c'dYfHic'gYfH'

JUfjOU' A# #A5 !Gk YJ[Yf] H'

; fi bXk Yf_gZz
i' GU'
i' 5i a]bj a fJUfjOU' %\$
i' 7fB] fJUfjOU' %\$
i' GcbXYfa YU Yf fJUfjOU' %\$

9a dZa YbY' gbg]h[WJMY
i' <Y]ak Yf_WYJW
i' AYU! i' "DcfHUU zGM cgg]YJzGNa JXY
i' bgtubXg]mi b[i' "Fyduhi f

9a dZa YbY' @bY; Uj
i' 7cf[cb%
i' 7fcb] cb&f]fB]
i' 5f[cb(" f5i a]bj) at



JUfjOU' \$ \$ \$' A# #A5 !Gk YJ[Yf] H'

gYJUfjOU' \$ \$ \$] h\$ \$5] h] bY] g]i Zb[YGNUMYA# #A5 !Gicaei Y'Ya] i'
8Fc' Yd 5b] W' GY] g] h] b] W] b XY' <UbXUM b[zfcM g] YU hi bX] JYg] H] YH
g] h] M' GYz' h] g] h] j' a' 8' b] b] W] W' M] W] i' WU EM] Yk " \b] W] i' Y' Gk YJ[Yf] H'
[Ybg] M] h] b] U' Z' g] Y] h] [f] Y] Y' g] b] Y' \] Z' g] f] h] Z' f] Y] b] W] g] Y' 8' X] M] i' b["

AYf_aUY
i' 8' h] f] W] g] h] Yb] 8' H] W] h] W] Z' h] Y] U' g] k] YJ[Yf] H' b] b] h] Y] b]
i' g] b] g] M] h] g] f] a] g] c] E] W] [f] b] r] i] b] z'; Uj c] f] k]) fa g] h] W] W] k] g] z] D] c] i' a] g] M] h] b] z'
H] a] d] Y] U] h] f] Y] g] h] Y] h] Y' @ Z] Y'

JUfjOU' % \$ \$' A# #A5 !Gk YJ[Yf] H'

gYJUfjOU' % \$ \$] h] b] Y] g] i] Zb[YGNUMYA# #A5 !Gicaei Y'Ya] h] 8' Fc' Yd
5b] h] W' GY] g] h] b] W] b XY' <UbXUM b[zfcM g] YU hi bX] JYg] H] YH
j YZ [h' Wf] r] k] Y] c] X] Y] Y] 8' c] g] Y] U] h] b] i' Yb' 8] a]] h] d] g] h] g] W] X] Y' @ M] h] c] Yb] c] W
Y] W] Y' U] b] X] Y] Y] b] g] h] W] W] b] X] Y' 5] Z' U] M] b] g] Y' i' b[U] b'

AYf_aUY
i' 8' h] f] W] g] h] Yb] 8' H] W] h] W] Z' h] Y] U' g] k] YJ[Yf] H' b] b] h] Y] b]
i' g] b] g] M] h] g] f] a] g] c] E] W] [f] b] r] i] b] z'; Uj c] f] k]) fa g] h] W] W] k] g] z] D] c] i' a] g] M] h] b] z'
H] a] d] Y] U] h] f] Y] g] h] Y] h] Y' @ Z] Y'

H] W] b] g] W] 8' U] b] Y'

	JUfjOU' \$ \$ \$'	JUfjOU' % \$ \$'
Gk YJ[Yf] H' g] f] a] W] Y] W] A# #A5, 8' Q	8] i] 8] \$	88] i' %8
g] b] g] M] h] g] f] a] g] c] E] W] [f] b] r] i] b] z' (\$57] f] %(\$5	&+i' 98] W]] \$5	' \$i' 98] W]]' %5
g] b] g] M] h] g] f] a] g] c] E] W] [f] b] r] i] b] z' (\$57] f] %(\$5	%88] i' 98] W]] %5	%88] i' 98] W]]' %5
B] Y] h] g] l] b] b] i] b[' 00	' i' (\$5	' i' (\$5
@] Y] U] Z] g] l] b] b] i] b[' 00	' ,	0
B] Y] h] U] g] W] W] i] b[' 8' Q	%	88
7] c] g] d]]	\$5) f] 8] \$5	\$5) f] 8] \$5
G] M] h] U] h	-D8%	-D8%
; Yk] W] H] Q] [Q	+(-&
AUEY @ 6i < @ a Q	, \$5! ', \$! *, \$	, \$5! ', \$! *, \$

8' Y] g] Y' c] d] h] c] b] Yb'

5] H] B] f' 6] h] Y] M] i] b[
88] \$ \$, ' * JUfjOU' \$ \$ \$] [U] g] Y' \ \ h] a]] H] G] W] U] W] d] U] Y] H' (a i b] X] N] W] W' " f'
88] \$ \$, ' + JUfjOU' % \$ \$] [U] g] Y' \ \ h] a]] H] G] W] U] W] d] U] Y] H' (a i b] X] N] W] W' " f'
i' N] W] W' : Y] h] h] b] ; fi b] U] g] g] h] i] b[g] k] YJ[Yf] H' Z' Y' G] V] c] b] Y' G] k] YJ[Yf] H' g] h] k] Yf_gZz' i' b] X] ; Uj



JU]cObYf[MVA# #A5 !GAK YJE[Y]Y'

; fi bKk Yf_gzZ
i`GUA`
i`5i a]b] a`
i`7fB]
i`GUA`

9a dZa` YbY'g]g]h] V]M]Y
i`5bU[Ybz6A) YfZAL]M]bYdZGUA` VU
i`5i g] i`"K Y]H]X] b[g]g]H] Y
i`bX] g]Y]bU[Yd i`"FcA'fY]h b[gU z`
AcchU[YZ]fa Yb
i`b]g]bYg]f]h b[i`"FydU]h f
i`AYU! i`"DcfU]VU zGN'cgg]Y]ZGVA]XY
i`G]M]bYbZ]f]M [VU
i`GcbXYZ]f]M [VU #6U a U]M]bYb

9a dZa` YbY'g]g]h] V]M]Y
i`5f[cb(" f5i a]b] a`
i`7fcb]cb&f]f]B]
i`7cf[cb%



JU]cObYf[MV(\$\$ V]g) \$\$\$!&' A# #A5 !GAK YJE[Y]Y'

g]YJU]cObYf[M]Y]g]Y]bY]g]i Z]d[V]g]M]U]H]Y]i bXa]_fcd]f]c]g]g]d[V]Y]V]Y]A# #A5 !G]fca]d] Y]Ya]H](!Fc`Yd]5h]W`S]Yf]G]b]Yf[M]M]H]W]a]U]A]H]U]g]G]A]K]Y]J]E]Y]b]n] f]Y]b]Z]U]A]g]Y]b`
G]U]Y]X]Y]K]Y]H]6]W]A]K]M]Y]i bXN] g]H]k]Y]f_gzZ]Y]g]Y`Y]b]i bXZ]f]H] "FcM] g]i bX]i]j] Y]f]g]g] Y]I] b]b]g]M]X]Y]JU]cObYf[M]V] f]X]Y]b]g]A]K]Y]Y]b]G]A]!Z]A]U]M]b]Y]d] i bX]5]d]U]U]M]U] z
Z]f]5]b]U[Y]d] i bX]6A) Y]H]M]U] i bX]Z]f<U]b]k]Y]f_i bX; Y]k]Y]W]Y]G]Y] Y]f]g]A]K]Y]J]E]Y]b]i]d] i bX]b]Y]M]Y]V]M]Y]G]Y] V]Y]Y]b]U]g]c]k]Y]V]d]M]Y]M]Y]G]Y]V]g]k]Y]V]:"`X]Y]W`

AYf_aUY
i`5i fca U]g]M]W`?` \ [Y]H]U]g]M]U]H] b[
i`8]U]A]K]b]g]M]Y]W]Y]b
i`8]U]A]H]b]g]X]Y]b[U]g] i`"g]fca`og
i`; U]g]f`Z]i b_]jcb
i`; Y]b]Y]U]c]f]U] []M]
i`A]M]d]f]c]f]c]g]g]d]G]M] Y]f]i b[
i`G]b]Y]f[M]M]H]W]Y]M]
i`y]W]H]Y]a]d]Y]U]h] f]g]M] H]m

H]W]b]g]M]W`8]U]Y]b'

	JU]cObYf[MV(\$\$	JU]cObYf[MV(\$\$\$!&	JU]cObYf[MV(\$\$\$!&
GAK YJefg]ca W]Y]M]VA# #A5, 6BQ	%i' (\$	' \$i (\$\$	')i) \$\$
g]g]M]U]H]U] Y]W]Y]a]b]#(\$S7]f]f(\$sL	')i '98W]' (\$5	' \$i '98W]'(\$\$5	' \$i '98W]']\$5
g]g]M]U]H]U] Y]W]Y]a]b]#(\$S7]f]f(\$sL	%\$\$i '98W]'&\$5	%\$\$i '98W]'&\$5	%\$\$i '98W]'& \$5
B]Y]H]g]d]b]b]i b[0Q	' i (\$\$	' i (\$\$	' i (\$\$
@]Y]U] Z]g]d]b]b]i b[0Q	0)%) (
B]Y]H]U]g]M]W]i b[6BQ	&\$	')	')
7]c]g]d]	\$) f] (\$5L	\$) (f](\$5L	\$) f] & \$5L
G]M] H]L]H	-D&	-D&	-D&
; Y]k]M]H]Q]Q	%-	%+)	%*
A]U]E]Y]@] 6]i <@]a]Q	, \$\$i (*\$! -0	, -\$i (*\$! -0	, -\$i (*\$! -0

6]Y]g]Y`cd]j]cb]Y]b'

5]H]B]f'	6]Y]H]M]b]i b[
8888\$, ,	JU]cObYf[MV(\$\$zk U]g]M]Y` \ Y]za] H]G]V]U] W]d]U]Y]H('a i bXN] W]A`f
8888\$, -	JU]cObYf[MV(\$\$\$!zk U]g]M]Y` \ Y]za] H]E]U]A]H] c]f]g]M] V_c]Z]Y]Z]N]k] g]M]W]b]g]M]U] W]d]U]Y]H?#a zG]V]U] W]d]U]Y]H('a i bXN] W]A`f
8888\$, (%)	JU]cObYf[MV(\$\$\$!zk U]g]M]Y` \ Y]za] H]E]U]A]H] c]f]g]M] V_c]Z]Y]Z]N]k] g]M]W]b]g]M]U] W]d]U]Y]H?#a zG]V]U] W]d]U]Y]H('a i bXN] W]A`f

i]N]W]A`f; Y]H]H]b]; fi bX]U] g]H]H]i b[g]A]K]Y]J]E]Y]b]Y]Z]G]V]U]c]b]Y]G]A]K]Y]J]E]Y]b]i g]H]k]Y]f_gzZ]i bX; U]g]

HUbgGY "A= #A5 !Gk YjE[Yf) Y'

; fi bXk Yf_gzZ'
i' GUA`

9a dZa YbY gbgJh[WjMY
i' AUjWjBYE i bX5b U[YbMU Z'
GjYbYbZL fM [VU i bXGMZgAU

9a dZa YbY @bXY; UjY
i' 7cfl cb%



HUbgGY ') \$Wbx) \$\$\$' A= #A5 !Gk YjE[Yf) Y'

6/a GUA VU jhuYf) gJW VjH[YZL Wfcm gYK Yf_rM [YgbXjYbY GvGj Yjg) bXjW VjH[Blj[JHU WwWj GUA gk YjEYb' gYj HUbgGY jhXUZ f[YGmUZb. Yj b'cm gYf' i bXj Yf) gJW WfDUb YZXYf gWwM fWj Yj Yf Yf; Yj HXVg[bi bX YjZLUGY 6XjYi b[U gYj WbY' gJ W [Yf[Yf i bXa] H9 dYf Yk jgYb U g YGj WwZ jhXUZ Gk YjEgJ W a HUbgGY Z fWj Yf GUA gk YjEYb [Yf gYf i bX [UUb) Yf) \$si GgYa dYzCfa UbW'

YwbgWj' gYb'

	HUbgGY ') \$W	HUbgGY ') \$\$\$
Gk YjEgJca WfYjWA= #A5, 6Q	%i ') \$	%i) \$\$\$
gJgMjHU YfW] %a jB#(\$57M \$(s t	(\$i '98Wj) \$5	(\$i '98Wj) \$\$\$5
gJgMjHU YfW] %a jB#(\$57M \$(s t	%\$i '98Wj) @ \$5	%\$i '98Wj) * \$5
BfngdLbbi b[Z#! %i 0Q	' , \$#(\$\$(* \$	' , \$#(\$\$(* \$
@YfU ZjLbbi b[0Q	* \$	*)
BfngdLbbi b[6Q	')	')
7cgd]	\$ -	\$ -
GM hLfh	-Dg	-Dg
; Yk jWQ[Q	g' j	' \$g
ALEY@ 'i < @aQ	+(+ ' \$\$\$ (-+	+(+ ' \$\$\$ (-+

6YgY` cdjcbYb'

5fH BF'	6fH jMbi b[
\$\$\$ , (	HUbgGY ') \$\$\$ Wk UjgYf[Y_ \ hza]h: Ufk U[YbzGwU WdU Yh(2) a i bXN Ww "ff
\$\$\$ , ((	HUbgGY ') \$\$\$ k UjgYf[Y_ \ hza]h: Ufk U[Ybz8U h j cfdM V_cZfY GbYf[jWk jgMbgWU WdU Yf) \$a ZGwU WdU Yh(2) a i bXN Ww "ff

i N W "f; Yf) Hb; fi bXU gYj H b[Gk YjEYf) Z YcWc bY Gk YjEi gYk Yf_gzZ' i bX; Uj'



HUbgD `gObYf[]MA? #A5 !Gnk YJE[Yf] H"

; fi bXk Yf_gcZV
i '5i a]b] a
i '7fB]
i GbbXVfa YWUY
i GUA`

9a dZa YbY' gbgJh[W]NY
i '5bU[Ybz6A) YfZALjM]bYdzGUA VU
i '5i hca cV]! i "N]YZf]b] g]fY
i 'bX] g]f]YbU[Yb] i "Fc fY]h] b] gU ZAdhU[YZfa Yb
i 'bg]ub]g]f]h] b] i "FYdUUh f
i AYU! i "DcfUUVU ZGV cgg]YfZGNa]YX
i GAV]bYbZL f]f]i [VU
i GAVZAU #CZ] cY
i GbbXVZL f]f]i [VU #6U a UjM]bYb

9a dZa YbY' @bY; UjY
i '5f[cb (" f5i a]b] a]k
i '7fcb] cb & f]f]B]k
i '7cf[cb%



HUbgD `gObYf[]M+\$\$" A? #A5 !Gnk YJE[Yf] H"

g]YHUbgD `gObYf[]M+\$\$Z f? f]f]ZGf' \! i bX-ad `g]MhG[Vb]g]h]b]j c'X[]U]
g]M]Yi bXa] fcd]f]r]gg]f] Yg]M] Yf]YA? #A5 !G]f]ca ei Y'Ya]h]Y]b]Y' @]g]i b] j cb`
&-\$5" g]Y'G]f]ca ei Y'Y'fa "[]M]h]b] Y'XV' <]g]M]h]W]g]Y'G]N]k Y]E]V] Y]b]g]M]U]f]b]i bX
W]]W]] c]h]f]d]c]k] h]Y]M]U]Y' g] [W]b]g]p] "8Y] b]Y] f]M]Y' 8U]h]j c]g]M] V [U]b]h]M]h]X]b]
a c]]Y]b] g]b]g]h]m]Z f]6U g]Y' Y]b]Z]k Y]f] g]]h]Y]b]g]k]]Y]F]Y]d]U]h]i f]i bX-b]g]ub]g]f]h]i b] "Ai !
f]d]f]o]r]gg] \] Y]] b]Y]h]g]W]X]Y'G]f]ca ei Y'YZ f]A? #A5 !Z]K? ! i bX'9Y' h]c]X]Y]d]G]N]k Y]
E]b]'A]h]X]Y]H]U]b]g]D `g]O]b]Y]f]]M]k]\$\$k]]X]D `g]N]k Y]E]b]H]U]]V]f]' < "V]g]Y]D]f]]h]g]b]Z
Y] U]]Y]F]Y]d]c]k] h]Y]M]U]_Y]h]i bX]W]g]Y'G]N]k Y]E]V] Y]b]g]M]U]f]b]i 'Y'X]f]V]h]L]b] Y'X]Y]a G]H

AYf_aUY
i '(!Fc`YbLh]f]V
i '5M]U]b]X]a d]i `g]f]M]f]Z_]Y]g]8]U]]Y]b]X]Y]z]c]d]h]a U]Y]g]k]]Y]X]Y]f]i b]X]Y]d]
i '5b]f]g]]W]f]i b]_]f]cb
i '5i hca U]f]g]W]?' \ [Y]f]]H]U]g]M]U]h]i b]
i '8]]]H]U]Y'G]N]k Y]E]d]f]o]r]gg]f] Y]i b]
i 'A]M]d]f]o]r]gg]f]! G]M] Y]f]i b]
i 'Ai]h]j c]H]]Y
i 'G]i Z]b]c]g]]G]N]k Y]E]g]f]ica Y]]b]g]Y' i b] ~ W]f]G]N]k Y]E]M]b]b]Y
i 'G]b]Y]f]]M]6]Y]f]V
i 'H? !7ca Z]f]f]G]e]d]f]b]d]j]c]b]U]k

HUbgD `gObYf[]W&\$\$" A? #A5 !Gnk YJE[Yf] H"

g]YHUbgD `gObYf[]W&\$\$Z f? f]f]ZGf' \! i bX-ad `g]MhG[Vb]g]h]b]j c'X[]U]
g]M]Yi bXa] fcd]f]r]gg]f] Yg]M] Yf]YA? #A5 !G]f]ca ei Y'Ya]h]Y]b]Y' @]g]i b] j cb`
' 8\$5" g]Y'G]f]ca ei Y'Y'fa "[]M]h]b] Y'XV' <]g]M]h]W]g]Y'G]N]k Y]E]V] Y]b]g]M]U]f]b]i bX
W]]W]] c]h]f]d]c]k] h]Y]M]U]Y' g] [W]b]g]p] "Ai]h]d]f]o]r]gg] \] Y]] b]Y]h]g]W]X]Y'G]f]ca ei Y'Y
Z]f]A? #A5 !Z]K? ! i bX'9Y' h]c]X]Y]d]G]N]k Y]E]Y]b]Z]g]k] c']a' a]U]i Y'Y]b]i U]g]U]W]]a'
F]c]h]Y]f]V]h]W]f]D `g]N]k Y]E]b]a]]f] 8\$5Z \ "V]g]Y]D]f]]h]g]b]Z]Y] U]]Y]F]Y]d]c]k] h]Y]M]U]_Y]h]
i bX]W]g]Y'G]N]k Y]E]V] Y]b]g]M]U]f]b]i 'Y'X]f]V]h]L]b] Y'X]Y]a G]H

AYf_aUY
i '5M]U]b]X]a d]i `g]f]M]f]Z_]Y]g]8]U]]Y]b]X]Y]z]c]d]h]a U]Y]g]k]]Y]X]Y]f]i b]X]Y]d]
i '5b]f]g]]W]f]i b]_]f]cb
i '5i hca U]f]g]W]?' \ [Y]f]]H]U]g]M]U]h]i b]
i '8]]]H]U]Y'G]N]k Y]E]d]f]o]r]gg]f] Y]i b]
i 'A]M]d]f]o]r]gg]f]! G]M] Y]f]i b]
i 'Ai]h]j c]H]]Y
i 'G]i Z]b]c]g]]G]N]k Y]E]g]f]ica Y]]b]g]Y' i b] ~ W]f]G]N]k Y]E]M]b]b]Y
i 'G]b]Y]f]]M]6]Y]f]V



HUbgD `gObvM[M\$\$\$\$` A# #A5 !GNkY[EY]H

gYJU]pObvM[M\$\$\$\$a]H(\$\$5]gY]bYg]i Zfb]VgM YHYi bCa_]fodforVgg] VY!
[YHYA# #A5 !Ofcaei Y'Ya]h]bY]f]MHYa (!Fc`Yd5ch]V`SYfObvM[M]M]V
aUAH]L]GNkY[EY]bri fY]z]U]G]Yb]G]W]X]Y]K]Y]H]6]Y]W]K]Y]V]i bXN]g]h]k]Y]E!
g]e]Z]Y]g]Y`Ybi bXZ]M]!"F]c]M]g]h]i bX]r]j]Y]f]g]g] Y]i]b]h]g]M]X]Y]J]U]p]O]b]v]M]i]V]Z]f]X]V]b`
g]N]k]Y]Y]b]O]U]!z]A]U]M]b]Y]d] i bX]5]d]L]U]U]U]U] Z]Z]f]5]b]U]i]Y]d] i bX]6]A]`H]Y]U] i bX]Z]f`
<]L]b]k]Y]E_] i bX]; Y]k]Y]W]`g]Y]J]U]p]O]b]v]M]i]V]Z]f]X]V]b]Y]g]M]k]Y]E]H]i]b]i]b]X]b]M]E]I`Y]i]M]Y]H`
O]Y]Y]i]V]b]U]g]k]Y]i]d]W]Y]i]M]Y]O]Y]g]k]Y]V:``X]O]Y]H`S]Y]f]b]Y]f]f]M]Y]H]S]U]L]h]c]f]g]M]V`
Y]f]Y]M]Y]H]a]c]Y]Y]g]g]h]Y`

AYf_aUY
i`(!Fc`Yb]U]h]f]V
i`S]i]h]e]a]U]h]g]W`?`Y]i]Y]f]H]U]G]M]U]H]b]
i`); Yb]Y]U]c]f]U] []W
i`A]M]i]d]f]o]r]V]g]g]!G]M]Y]i]b]
i`O]b]v]M]i]V]Z]f]X]V]b]
i`y]W]H]Y]a]d]Y]U]h]f]g]M]h

HUbgD `gObvM[M]Y\$\$\$\$` A# #A5 !GNkY[EY]H

gY]c`X]i]U]J]g]M]Y]i bCa_]fodforVgg] Vg]M] YHYA# #A5 !Ofcaei Y'YZ]f?]f]h]Z
G]f`! i bX]a]d] `g]M]W]N]c] Y]b]Y]f]a`[]M]h]b]`Y]X]Y]f]<]b]g]M]H]W]G]Y]GNkY[EY]i]Y]b]g]M]U]Y]b`
i bX]W]M]V]i]c]h]Y]d]f]c]h]i]f]M]U]Y]9]i]V]b]g]g]`A]H]Y]b]Y]f]@]i]b]i]j]c]b]\$\$\$Y]Z`h]X]Y`
H]U]b]g]D`g]O]b]v]M]i]V]Z]f]X]V]b]Y]`"W]g]Y]b]5]b]g]f]W]W]X]Y]5]i]e]a]c]U]! i bX]N]i]Z]f]i]b]k]g]f]i]Y]Z`
]a]5]d]L]U]U]U]U]Z]j]a]7]Y]a]M]U]b]U]i]Y]b]U]U]Z]j]a]A]U]M]b]Y]d] i bX]G]M]Y]b]Y]z]U]h]Y]i] []U] i bX`
]b]k]Y]Z]Y]b`A]i]h]f]o]r]V]g]g]Y]i] Y]i]b]h]g]M]X]Y]O]f]c]a]e]i]Y'YZ]f]A# #A5 !Z]K]# i bX]9]Y]!
H]i]c]X]Y]d]GNkY[EY]b]z]g]k]c]a`]j]a]a]U]i]Y]Y]b]U]g]U]W]j]a]F]c]h]Y]H]W]H]W]D`g]g]N]k]Y]E]Y]b]a]h]i`
)\$\$\$5]Z`"W]g]Y]D]i]h]i]g]c]h]z]Y]U]j]Y]Y]F]Y]d]f]c]h]i]f]M]U]Y]j]i]b]X]W]G]Y]GNkY[EY]i]Y]b]g]M]U]Y]b]z`
]X]U]Z]f]i]b]k]g]f]i]Y]b]`g]g]h]Y`

AYf_aUY
i`5]W]U]b]X]j]a]d]i`g]f]o]r]V]Z]f]X]Y]g]M]U]Y]b]X]Y]z]c]d]h]j]a]U]Y]g]k]j]X]Y]i]r]i]b]X]Y]k`
i`5]b]h]g]M]Y]i]b]j]c]b`
i`g]i]j]U]Y]GNkY[E]f]o]r]V]g]g]Y]i]b]i`
i`9]b]Y]i]j]g]L]U]Y]b]X]Y]f]j]Y]H]Y]H]W]M]b]c]d]j]Y`
i`?`c]Y]Z] []Y]b]c]W]b`
i`A]M]i]d]f]o]r]V]g]g]!G]M]Y]i]b]
i`O]i]Z]b]c]g]Y]GNkY[E]g]f]i]c]a]Y]j]g]Y]i]b]i`W]f]GNkY[E]Y]V]Y]b]Y]f`
i`O]b]v]M]i]V]Z]f]X]V]b]
i`y]W]H]Y]a]d]Y]U]h]f]g]M]h

H]W]b]g]M]V]S]U]Y]b`

	HUbgD `gObvM[M]\$\$\$\$`	HUbgD `gObvM[M]Y\$\$\$\$`	HUbgD `gObvM[M]\$\$\$\$`	HUbgD `gObvM[M]Y\$\$\$\$`
GNkY[E]g]f]i]c]a]W]f]Y]M]A# #A5; i bX]K]#`O]O	' $	' `$	' (##	')##
g]g]M]U]H]U]Y]f]W]i]Y]a]j]b]#](\$`S`7]f]6](\$`S`E	(\$i `9]B]W]j]$5	(\$i `9]B]W]j]`$5	) \$i `9]B]W]j](##5	(\$i `9]B]W]j])##5
g]g]M]U]H]U]Y]f]W]i]Y]a]j]b]#](\$`S`7]f]6](\$`S`E	%$i `9]B]W]j]`%\$5	%$i `9]B]W]j]`$5	%$i `9]B]W]j]`$5	%$i `9]B]W]j]`*`\$5
B]Y]h]g]L]b]b]i]b]i]`O]O	' | (##	' | (##	' | (##	' | (##
@]Y]f]U]Z]g]L]b]b]i]b]i]`O]O)\$	*)`	+\$	+\$
B]Y]h]U]G]M]W]i]b]i]`O]O	%	')	')	')
7]c]g]d]j]	## -	## - f]i]##5]E	## -	## -
G]M]h]L]h	-D$	-D$	-D$	-D$
; Y]k]M]H]Q]i]Q	$@	' (Z	')$	')Z
A]E]Y]@]E]i]<]@]a]Q	*$ $- \$! (+)	*$ $- \$! (+)	*$ $- \$! (+)	*$ $- \$! (+)

6]Y]g]Y`c]d]h]c]b]Y]b`

5]H]E]B]F`	6]H]Y]M]b]i]b]i]
##### , O	HUbgD `gObvM[M]\$\$\$\$k]U]g]M]Y]_`h]z]a]h]i]U]k]f]U]Y]b]z]8]U]h]c]f]g]M]V]_c]z]f]z]N]k]j]M]W]b]g]M]U]W]d]U]Y]H](\$`a]i]b]X]N]W]M]`f
##### , (*	HUbgD `gObvM[M]Y\$\$\$\$k]U]g]M]Y]_`h]z]a]h]i]U]k]f]U]Y]b]z]8]U]h]c]f]g]M]V]_c]z]f]z]N]k]j]M]W]b]g]M]U]W]d]U]Y]H](\$`a]z]G]M]U]W]d]U]Y]H](\$`a]a]j]N]W]M]`f
##### , (+	HUbgD `gObvM[M]\$\$\$\$k]U]g]M]Y]_`h]z]a]h]i]U]k]f]U]Y]b]z]8]U]h]c]f]g]M]V]_c]z]f]z]N]k]j]M]W]b]g]M]U]W]d]U]Y]H](\$`a]z]G]M]U]W]d]U]Y]H](\$`a]a]j]N]W]M]`f
##### , (,	HUbgD `gObvM[M]Y\$\$\$\$k]U]g]M]Y]_`h]z]a]h]i]U]k]f]U]Y]b]z]8]U]h]c]f]g]M]V]_c]z]f]z]N]k]j]M]W]b]g]M]U]W]d]U]Y]H](\$`a]z]G]M]U]W]d]U]Y]H](\$`a]a]j]N]W]M]`f

f]N]W]M]`f; Y]H]E]B]F; f]i]b]X]U]g]M]h]i]b]i]GNkY[E]W]Y]Z]Y]c]W]c]b]Y]GNkY[E]H]g]h]k]Y]E]g]z]r]i]b]X]; U]g]

HDG#] 'A= #A5, !GkYjE[Yf] Y"

; fi bKk Yf_gczY
 i' 6U gj\Y
 i' 6YgMjMhY 6U gj\Y
 i' 7iBj Gj\ YZfj] jgM#U gYb] jgM
 i' 8i dY! G] \Y
 i' B] M' 6UjgK Yf_gczY
 i' 5i a] b] a! K Yf_gczY
 i' GcbXfK Yf_gczY

9a dZa YbY' gYg] h[YjYjY
 i' 5i hca cU]! i bXN] YZf] b] g] fY
 i' b] g] b] g] h] i] j] #FYdYfU h f
 i' 5bU [Ybz6A) YfZALj M] b] Ybz
 GUA \U
 i' G] M] YbZAL f] h] [U

9a dZa YbY' @bY; UjY
 i' 7c] [cb %
 i' 7icb] [cb &
 i' 5f] [cb ("



fi; fUj] g] g] U

HDG &] 7D 'g' i bXHDG (\$\$) 7D 'g' A= #A5, !GkYjE[Yf] Y"

g] YHDG#] j] h] b] j] Yjg] [Yb] Y' gYk i fX] j] cb; fi bXU Zb] i' _cb] j] M' Y' B] U i fWki fXbX] Y Gk YjE] [Yb] g] M] h] b] Yb] g] M] Xb] j] YfWg] f] Z] X] Y? ca a i b] U] j] b] g] \] Y] h] k]]
 g] M] b] A] Yb] g] M] i bXALj M] b] Y' c] h] a] M] i] Z] X] Y < U bXALU b] d] YZ] j] b] j] M' Y' B] i fW X] b] a c] i' U Y b] 5i ZAU] g] g] Y' g] M] Y' b] ZU W U b] X] Y] b] X] j] i' Y Y b] Gk YjE] M] X f] b] g] Y' b] d] j] g] b]]"
 A] j] X] Y' HDG#] j] g] b] k] j] f] W] Y] j] g] b] X] Y' N] b] h] X] Y' Gk YjE] M] g] U] [Y_ca a Yb]

YwWb] g] M] Y' B] U

	HDG &] 7D 'g'	HDG (\$\$) 7D 'g'
Gk YjE] g] h] ca Yf] Y] M] A= #A5, 6Q	' i' 8\$	' i' (\$\$
g] b] g] M] h] U Yf] W] % a] j] b] # (\$ \$ 7 f] % (' s' t	% \$ i' ' 9 B] W]] & (\$ 5	% \$ i' ' 9 B] W]] 8 \$ 5
g] b] g] M] h] U Yf] W] % a] j] b] # (\$ \$ 7 f] % (' s' t	(\$ i' ' 9 B] W]] 8 \$ 5	(\$ i' ' 9 B] W]] (\$ \$ 5
g] b] g] M] h] U Yf] W] % a] j] b] # (\$ \$ 7 f] % (' s' t	* \$ i' ' 9 B] W]] & \$ 5	* \$ i' ' 9 B] W]] * \$ 5
B] Yf] g] d] l] b] i] b] [' 0 Q	' i' (\$\$	' i' (\$\$
@ Yf] U Z] g] l] b] i] b] [' 0 Q	+	+
B] Yf] U g] M] W] i] b] [' 0 Q	')	')
7c] g] d]]	\$ -	\$ -
G] M] h] U f] h	- D g	- D g
; Yk] M] H] Q] [Q	' ' z	' ' z
ALE Y @ ' e] < @ a Q	+ \$ ' i' ' \$ \$ i') %	+ \$ ' i' ' \$ \$ i') %

6YgY' c] d] j] c] b] Yb'

5f] h] B] f'	6Yf] Y] M] b] i]
888\$,) \$	HDG &] 7D 'g' Zk Ujg] M] [Y_ \ Yza] h] U f] k] U] Ybz G] V] U Wd] U] Yh (z) a i bXN W' h
888\$,) &	HDG (\$\$) 7D 'g' Zk Ujg] M] [Y_ \ Yza] h] U f] k] U] Ybz G] V] U] j] c] f] g] M] V_ cZ] Z] f] Z] k] j] g] M] b] g] M] U Wd] U] Yf] % a] Z G] V] U Wd] U] Yh (z) a i bXN W' h
i' N W' e; Yf] h] b; fi bXU g] g] U] h] i] g] k] YjE] M] Y' Z' Y' c] W' c] b] Y' Gk YjE] b] i] g] h] k] Yf_gczY i] bX; UjY	



HUbgi "K = !GAK YJE[Yf]H'

; fi bXk Yf_gcZV
i' 7fB]
i' GcbXYfa YAU'Y
i' GAU'

9a dZa YbY'g]g]h[W]M]V
i' 5bU[YdZ'6A) YfZAU]M]bYdZ'GAU' WU'
i' 5i hca cV]! i' "N]VZf]bX] g]f]V'
i' 7A Ya]M]bU[YbVU'
i' 4bX] g]f]M]bU[Yd i' "Fca fY]h b[g]U' Z'
Acb]U[YZ]fa Yb'
i' 4g]bX]g]h] b[i' "FydUR]h f'
i' @ Z] i' bXfU' aZ]A]f]bX] g]f]V'
i' AYU'! i' "Dcf]U]U' Z'G]V'cgg]Y]Z'G]A]]X]V'

9a dZa YbY'@bY; U]Y
i' 7fcb] cb&f]f]B]K
i' 7cf] cb%



HUbgi %) \$D 'g' K = !GAK YJE[Yf]H'

g]YHUbgi %) \$D 'g]g]_ Y]z]f]M] g]i bX] c'_caa YbX]]W]g]M]Y]A]h- Z%[]hX]V'
K = !8Z]G]f]ca e] Y'Y]X]U' Z' fX]Yb'a cV] Yb'g]g]h]i bYf\U]M]b'Ac]h]U[YW]X]d] i b[Yb'
cX]f]U' Z'6U' g]Y'Yb[]V]]b]Y]8]Y]A]]f]d]f]c]f]g]g]f]g]M] Y]hX]Y]G]A]K] Y]E]g]f]ca e] Y'Y'Z]X]U'
g]]W]b]g]g]bX]Y]b'\ W]g]g]U]]Y] @W]V]c[Yb] bX%'\$\$i' f]Y]d]c]X]]h]Y]U]U]Y]G]A]K] Y]E]V] Y]d'
g]A]U]Y]b' g]Y]G]f]ca e] Y'Y]]h]Z' fX]Yb'g]g]h]M]g]%'\$5[]V]]b]Y]

AYf_aUY
i' g]z]U]W]g]6]X]Y]b_c]b]Y]d]h
i' D' g]M]f]V
i' D' b]]Y]Z] b]]h]cb
i' H57
i' <: !N] bX] b[

HUbgi '888\$'cV' A = #A5 !GAK YJE[Yf]H'

g]YHUbgi '888\$]h]Y]b]Y]K = !8Z]G]f]ca e] Y'Y] bX] Y]g]Y]h'888\$5'g]V]]h]Y]M]h] bX]f]c]M] g]i
ri []Y]M]g]V]g]Y]f_]]f]bX]]bX]Y]f] 6]X]M]b] b[]z] c'_caa YbX]]W]g]M]Y]A]h] bX]Y]M]f]]hX]V'
aU]]aUY'@]g]i b[U' g]Y]b]Y]a' & \$]!B]Y]h]i'g]Y]G]f]ca e] Y'Y]V]]b]f]g]W]]X]U' Z' f'7A]]M]Z'
6A) Y]f]Z'AU]]M]b]Y]d] i bX]5b]U[Y]b]U' Z'Ac]h]U[YZ]fa YbZ'AY]U'U] !Z'4g]bX]g]h]i b[g'
i bX]FydUR]h] f]W]f]W]g]k]]V]Z' fX]Yb'fca fY]h] b[g]U' "g]Y]HUbgi '888\$]h]f]a]]h]]f]b'
%Z'] i bX'888\$5]Y]b] i E]Y]f]g]ia cV]]g]i bX]f]c]h]X]Y]a']g]i b[g]g]U' Y]g]G]A]K] Y]E]V]]h]Y'
A]f]]Yb']h]Y]b' & \$]!5b]g]M]i' g]i bX]g]M]cb]g]A]K] Y]E]g]f]ca Y]U]Y]b]]Y]f]! i bX]c]W]Y]]M]Y]b'
G] \ Y]g]k]]Y]G]i b]a Y]U'Y'

AYf_aUY
i' 5b]]G]M]V: i b]]h]cb
i' 5i hca U]]g]W]'? \ []Y]]Y]U]g]M]U]h] b[
i' 7Y]]U []]W
i' 8]]]U]Y]G]A]K] Y]E]d]f]c]f]g]f]V]]Y]i b[
i' A]]M]d]f]c]f]g]g]f]G]M]]Y]h] b[
i' G]i Z]b]c]g]Y]G]A]K] Y]E]g]f]ca Y]]g]Y' i b[]]W]f]G]A]K] Y]E]V]]b]Y]f]

HUbgI @ \$\$\$cV K = !GmK YJ[Y] H

gYHUbgI @ \$\$\$gYjYbYK = !8ZOficaei YVZ YJgYH @ \$5i bXrj\ha]h]fMb
&([_i ni Xyb YJWYgYbK = !Oficaei Y Yba]H !dUj[YFOficaj Yfgd[i b["Gy]g]i
Y HVa YJbZUWzdU JgVg/VgYV_)fMbXj bXYf @X]Mi b(z)i EYgHfclM gZ YJg]i b[g
gU_ i bXj c_ caa YbX[]JgYVYf gYOficaei Y Y]g]j Y]g]H YJgYHmUfZ f. 7Ya]Mz
6A) YfEZAUGjYbYd i bX5bL YbWU zFcA fY]i b[gU z: UfM [! i bXGM]bYbZUf
nM [VU z@Zi i bXFU aZUf]bX g]fYZGMZgU gk Yg aH]WY AdbH[YZfa YbZ
bZgYbYg]mi b[g i bXFYdUUh fWf]WY "gYHUbgI @ \$\$\$g]YXU ni a 'gog]mU Z
6U gY YbzUWfU Wj bXYf: YH] i b[[YV] bYH KYf_gczY. b]Yf]! i bX\cWY[]YfY
G)\ Ygk]Y'6i bta YWY'

AYf_aUY
i '5b]G]Y: i b_jcb
i '5i hca U]g]W; UjbuUg]f'ai b[f]g]Nk YJegfca UA) b[]t
i '6V\fi b[gog]N bX b[f]k: t
i 'g]]JUY GmK YJedfclVg]Y[Y i b[
i : U bUf]WfV] 7Y! 9Y_hicXb
i ; YbYUcfU []W
i 'Gh Zfbcg/ GmK YJegfca YJbgY' i b[~ WfGmK YJEMVbbyf

HUbgI ' \$\$\$cV K = !GmK YJ[Y] H

gYHUbgI ' \$\$\$gYjYbYK = !8ZOficaei YVZ YJgYH \$\$\$5i bXrj\ha]h]fMb
&([_i ni Xyb YJWYgYbK = !Oficaei Y Yba]H !dUj[YFOficaj Yfgd[i b["Gy]g]i
Y HVa YJbZUWzdU JgVg/VgYV_)fMbXj bXYf @X]Mi b(z)i EYgHfclM gZ YJg]i b[g
gU_ i bXj c_ caa YbX[]JgYVYf gYOficaei Y Y]g]j Y]g]H YJgYHmUfZ f. 7Ya]Mz
6A) YfEZAUGjYbYd i bX5bL YbWU zFcA fY]i b[gU z: UfM [! i bXGM]bYbZUf
nM [VU z@Zi i bXFU aZUf]bX g]fYZGMZgU gk Yg aH]WY AdbH[YZfa YbZ
bZgYbYg]mi b[g i bXFYdUUh fWf]WY "gYHUbgI ' \$\$\$g]YXU ni a 'gog]mU Z
6U gY YbzUWfU Wj bXYf: YH] i b[[YV] bYH KYf_gczY. b]Yf]! i bX\cWY[]YfY
G)\ Ygk]Y'6i bta YWY'

AYf_aUY
i '5b]G]Y: i b_jcb
i '5i hca U]g]W; UjbuUg]f'ai b[f]g]Nk YJegfca UA) b[]t
i '6V\fi b[gog]N bX b[f]k: t
i 'g]]JUY GmK YJedfclVg]Y[Y i b[
i ; YbYUcfU []W
i 'Gh Zfbcg/ GmK YJegfca YJbgY' i b[~ WfGmK YJEMVbbyf

HVWb]g]W'8U]b'

	HUbgI (%) \$D g	HUbgI \$\$\$cV	HUbgI @ \$\$\$cV	HUbgI ' \$\$\$cV
GmK YJegfca WfY]Wk = 0Q	6i % \$	' i \$\$\$	' i @ \$	' i ' \$ \$
GmK YJegfca WfY]W9Y_hicX 0Q	%6i % \$	%6i % \$	%6i @ \$	%6i ' \$ \$
g]g]mU]XU YfW] % \$ a]b# (\$ \$7f]6 (\$ t	%6si '9B]W] %6\$5	%6si '9B]W] % \$5	%6si '9B]W] @ \$5	%6si '9B]W] & \$5
g]g]mU]XU YfW] % \$ a]b# (\$ \$7f]6 (\$ t	') i '9B]W] % \$5	(\$i '9B]W] \$\$\$5	) \$i '9B]W] @ \$5	) \$i '9B]W] \$ \$5
B]fng]lbbi b['0Q	6 \$	6 \$	' i (\$ \$	' i (\$ \$
@YfU Zg]lbbi b['0Q	-'	, , "	,)	, %
B]fmlUg]Wf]i b['0Q	%	%	%	%
7cg]d\]	\$6 -	\$6 -	\$6 -	\$6 -
G]M hU]h	-D6	-D6	-D6	-D6
; Yk]M]H]Q	-Z%	%Z	6Z6	6Z6
AUEY @ 6i < Q aQ	(' \$i % \$i & \$	(,) i % \$i ' - \$	) * \$i @ \$i ( ' )	) * \$i @ \$i (')

6YgY`cd]cbYb'

5f]Bf'	6f]Y]Mbi b[
\$\$\$ \$,)'	HUbgI (%) \$D g [Uj[Y_ \ hZGMU WdU_Yh, a i bXN W\ "f
\$\$\$ \$,)	HUbgI \$\$\$cV [Uj[Y_ \ hZGMU WdU_Yh, a i bXN W\ "f
\$\$\$ \$,)*	HUbgI @ \$\$\$cV [Uj[Y_ \ hZGMU WdU_Yh, a i bXN W\ "f
\$\$\$ \$,)+	HUbgI ' \$\$\$cV [Uj[Y_ \ hZGMU WdU_Yh, a i bXN W\ "f

i N W\ "E: Y]H]b; fi bXU g]f]H b[g]mK YJEMV]Z YcWc]bY GmK YJ]i g]h]k Yf_gczY i bX; Uj



AU]MY Y'K = !GAK Y[E[Y]Y'

; fi bXk Yf_gcZV
i '5i a]b] a
i '7FB]
i GcbXYfa YAU Y
i 'GUA`

9a dZa YbY' gbg]h[V]MY
i '5bU YbzZa\ YfZAUj]bYdZGUA VU
i '5i hca cV]! i "N jZf]b] g]Y
i '7Ya jYbU YbVU
i 'bXk g]Y]bU YbU i "Fca fY]i b[gU ZAc]h[YZ]fa Yb
i 'bg]bXg]h] b[i "FYdU]h f
i '@Zi bXFU aZU f]b] g]Y
i 'AYU! i "Df]U]U ZG]Vcg]YfZGNa jYV

9a dZa YbY' @bY; UjY
i '5f[cb(' * f5i a]b] aZ
i '7fcb[cb&f]f]f]
i '7cf[cb%



AU]K Y'\$\$\$ 'xV]g' \$\$\$ 'xV' K = !GAK Y[E[Y]Y'

g]YAU]MY Y]g]Yb]V] c' X]U [Y]V YVYK = !57#8Z0fca e] YYa]5U] YK Y]H]Wb]c]d]Vi bX]Y]M]b]h]g]W]X] fVY]b]V] Y]g]h]a "[]M]b]i bX]h]c]h]Y]a V'W]g]h]U]Y]b'
@MNV[YbU g'g]YAU]MY Y]g]Yb]V] X]b' Y]M]Y]g]Yb]X]Y]K]Y]h] bX_Ubb' W]U' a]i] Y]b]c]a a Y]b]k Y]X]Y]b' g]Y]f]c]i g]Y' e]U k Y]g]a U]M]h]g]Y]U]g]c]i h]U g]Y' Y]b]U []W'
g]Y]U]U]b]V] 'xV]fa "[]M]h' U]M]X]U]U]g]h]i Y]i b[i bX]U hca U]g]Y]V]b' g]g]h]h'

AYf_aUY
i '5b]g]Y]V: i b]j]cb
i '5i hca U]g]W?'Uch]Y]b]V]X]i b[
i '6Y' \fi b[g]g]Y]N]b]k b[f]k: k
i ; Y]b]Y]U]c]h]U []W
i 'A]M]b]d]f]c]h]Y]g]g]h]i Y]i b[

i 'Dci a g]M]h] b[
i 'FD]N]b]X]i b[
i 'GAK Y]E]g]U]h<ch]G]U]h]i bX]G]Z]H]G]U]h
i 'G]i Z]b]c]g]Y]G]AK Y]E]g]h]c]a Y]b]g]Y' i b["W]f]G]AK Y]E]V]Y]b]b]Y]
i '7Y]!U] []W]f]AU]]M]K] Y]g] \$\$\$ 'xV] bX' \$\$\$ 'xV'

H]W]b]g]W] '8U]Yb'

	AU]MY Y'\$\$\$ 'xV	AU]MY Y]g] \$\$\$ 'xV	AU]MY Y' \$\$\$ 'xV
GAK Y]E]g]h]c]a W]Y]M]K = 0Q	' i \$\$\$	' i]\$	' i '\$\$
GAK Y]E]g]h]c]a W]Y]M]V]9]Y]_h]c]X	%6i %\$	%6i]\$	%6i '\$\$
g]g]h]U]M]h]U Y]f]W] %a]b]#(\$S7f]k(\$S k	%6si '98W] %] \$5	%6si '98W] %] \$5	%6si '98W] \$\$\$5
g]g]h]U]M]h]U Y]f]W] %a]b]#(\$S7f]k(\$S k	')i '98W] \$\$\$5	(\$i '98W]]\$5	')i '98W] '\$\$5
B]Y]h]g]l]b]b]i b[0Q	\$ \$	' i (\$\$	' i (\$\$
@Y]U Z]g]l]b]b]i b[0Q	''	,' -	,' -
B]Y]h]U]g]W]Y]i b[0Q	%	%	%
7c]g]d]	\$ -	\$ -	\$ -
G]M] h]L]h	-D\$	-D\$	-D\$
; Y]k]M]H]Q]Q	%6[	\$ Z	& %]
AUEY@ e] < @aQ	(, ) | % \$ ' - \$	) * \$ i ] \$ ( ' )	) * \$ i] \$ (')

6Y]Y' c]h]c]b]Yb'

5f]h]Bf'	6Y]Y]M]b]i b[
8\$\$\$,)	AU]MY Y' \$\$\$ 'xVZk U]g]Y]V' \ YZa]f] U]f]k]U] Y]b]Z]G]V]U] W]b]U]Y]h] 'a i bX]N] W]'f]
8\$\$\$,)-	AU]MY Y]g] \$\$\$ 'xVZk U]g]Y]V' \ YZa]f] U]f]k]U] Y]b]Z]G]V]U] W]b]U]Y]h] 'a i bX]N] W]'f]
8\$\$\$, *\$	AU]MY Y' \$\$\$ 'xVZk U]g]Y]V' \ YZa]f] U]f]k]U] Y]b]Z]G]V]U] W]b]U]Y]h] 'a i bX]N] W]'f]

i N]W]'e; Y]h]h]b]; fi bX]U g]g]h]i b[g]k] Y]E]V]Y]b]b]Y]f]Z]G]V]c]b]Y]G]AK Y]E]i g]h]k] Y]f]_gcZ]V]i bX; U]Y'

AU]MWY Y'K = !GAK YfE[Vf]H'

; fi bXk Yf_gcZV
i '5i a]b] a
i '7fE]
i 'GcbXYfa YAU'Y
i 'GUA'

9a dZA YbY'g]g]h[V]W]VY
i '5bU[Ybz6A) YfEZAU]M]bYdZGUA'U
i '5i hca cV]! i 'N]VZf]b]i g]f]Y
i '7Ya]YU]bU[YbVU
i 'b]i g]f]YU]bU[Yb] i 'Fca fY]h b[g]U ZAc]hU[YZ]fa Yb
i 'b]g]U]b]g]f]h]i b[i 'Fy]U]U]h f
i '@ Z]i bXFU a Z]U]f]b]i g]f]Y
i 'AYU]! i 'Dcf]U]U]U] ZG]Vcg]Y]Z]G]U]a]XV
i 'Fca]V]f]g]U]k Y]E]Yb
i 'G]V]M]b]Z]U]f]h]i [VU] ZG]V]Z]U] #CZ]g]c]f]Y

9a dZA YbY'@bY; U]Y
i '5f]cb(' * f5i a]b] at
i '7fcb]cb&f]f]E]
i '7cf]cb%



AU]KUY (\$\$\$'xV' WIG-Schweißgerät.

Die MagicWave 4000 ist eine voll digital geregelte WIG-AC/DC-Stromquelle mit Active Wave-Technologie und zeichnet sich durch einen leise- und trotzdem höchst stabilen Lichtbogen aus. Die MagicWave 4000 Job ist ein äußerst leistungsstarkes und robustes Schweißsystem. Ideal zum Einsatz auf Baustellen, aber auch in der Fertigung geeignet. Die Stromquelle verschweißt Aluminium und seine Legierungen, niedrig- und hochlegierte Stähle sowie Buntmetalle. Die Variante Job ermöglicht Kaltdrahtsteuerung sowie automatisierter Einsatz und Roboterschweißen.

AYf_aUY
i '5f]G]W]i b]f]b
i '5i hca U]g]W]U]d]h]b]V]X]i b]
i '6V' \f]i b]g]g]N]b]i b] f]k: t
i '8[]YU]Y GAK Y]E]d]f]c]h]g]f]Y]i b]
i 'Yb]U]U]c]f]U []W
i 'xV' 6]h]YV

i '@]g]f]@WVc[V]b]X]i f]W]5]M]g] YK]U]Y
i 'Dc]i a]g]U]h]i b]
i 'FD]N]b]i b]
i 'GAK Y]E]g]U]h]c]h]G]U]h
i 'G]i Z]b]c]g]GAK Y]E]g]f]ca Y]b]g]Y'i b] "V]f]GAK Y]E]V]Y]b]b]f
i 'H:]D:]g

HVWb]g]W]S]U]Yb'

	AU]MWY (\$\$\$'xV'
GAK Y]E]g]f]ca W]V]M]K = 00	' i (\$\$
GAK Y]E]g]f]ca W]V]M]9Y_H]c]X	%6i (\$\$
g]g]M]U]H]U Y]f]W] %a]b# (\$S7]f]6 (\$ s t	0 i '98W] (\$\$
g]g]M]U]H]U Y]f]W] %a]b# (\$S7]f]6 (\$ s t	%66i '98W]' %\$
B]V]h]g]l]b]b]i b] ' 00	' i (\$\$
@]V]U] Z]g]l]b]b]i b] ' 00	-\$
B]V]h]U]g]W]V]i b] ' 00	')
7]c]g]d]	\$ -
G]M] h]U]h	-\$8
; Yk]M]H]Q] [0	), z
AUEY@ 6i < @aQ	* 8] i &-\$! +\$)

6YgY'cd]cbYb'

5]H]B]F' 6]V]U]M]b]i b]
8\$\$\$, *% AU]MWY (\$\$\$'xVZk U]g]f]Y_ \]Z]a]f] U]f]k]U] Y]b]Z]G]U]U] W]b]U]Y]h] 'a i b]X]N] W]V]f]f
i]N] W]V]f]f; Y]h]f]b]; fi b]U] g]g]U]h]i b] g]U]k Y]E]V]Y]Z]Y]c]V]c]b]Y]G]AK Y]E]f]i g]h]k Y]f]_g]c]Z]f]i b]k; U]Y