



EDIÇÃO DE ANIVERSÁRIO
ONLINE E GRATUITA

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2020

2020

Foto cedida por Manuel Amado Simões



APOIO



PATROCÍNIO



REALIZAÇÃO



SECRETARIA ESPECIAL DA
CULTURA
MINISTÉRIO DO
TURISMO



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8Y'&('U' '\$'XY'gYhYa Vfc'p'GYdhYa VYf'&(!' \$h\`p'&\$&\$Æ
 Cb`]bY`Y`[fUhi`]hc`p`Cb`]bY`UbX`ZfYY`cZ`7\Uf[YÆ
 9l]V], " Yg`Yl Wi` gjj` Ug`dUfU`c`6fUg]`p`9l` \]V]h]cbgfYgfh]WYX`hc`6fUn]`Æ
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DUFUÆVt a Ya cfUfÆg UÆ%\$ÆYX], ~cÆYÆUXYei Uf!gYÆ[ÆFYU`]XUXYÆ]a dcghUÆdY`UÆ dUbXYa]UÆXUÆ7cj]X!%žÆcÆ:]`a Ua V]YbhYÆ&\$&\$ÆgyfzÆcb`]bYžÆ[fUhi]hcÆYÆ UVt bhYVfz`XY`&(`U" \$`XY`gYhYa Vfc"Æ

CÆ Yghj U`ÆFYVYi ÆYghYÆUbcÆa U]gÆXYÆ%" \$Æ]bgW], " YgžÆXYÆ%Æ]U]gYžÆa UgÆ XYj]XcÆgÆYghf], " YgÆYÆI]V], ~cÆa dcghUgžÆd hci ÆcfÆVt a Ya cfUfÆYi gÆYnÆ]bcgÆ UdfYgYbhUbXc`i a U`a cghfU`XY`Z`a Yg`dfYa]UXcgYa `YX], " Yg`UbhYf]cfYg"Æ

Gyf~cÆÆcb[UgÆa YhfU[Ya ÆYÆ%ÆZ`a YgÆV fhcgžÆdfYa]UXcgÆY`cÆ• f]ÆZ]WU`Æi Æ dY`cÆI•V`]VtžÆYÆÆV fhUg]b fX]hcg ÆÆÆÆ a Æf]h] b]VtÆYÆ a Æf]Ub]UbcÆÆ]bgW]hcgÆ YghYÆbcžÆi YÆYa ÆVt a cÆY a UÆ]Æcj]X!%ÆÆÆ a ÆÆYÆfcXi , ~cÆa Yf]W]bUÆÆ gcVfY`Ug`ei Y]a UXUg`cVtff]XUg`bU`5a Un` b]U`Ya `&\$% "Æ

5`fa Æ XUgÆ YI]V], " YgÆ XYÆ Z]a YgžÆ WUXUÆ i a Æ X]gdcb] Y`Æ dcfÆ &(Æ`cfUgžÆ YI Wi gj Ua YbhYÆUfUÆÆb fUg]žÆÆYghj U`ÆYU`]nUfzÆ a UÆ]j YÆYÆVYfhi fUžÆVt a Æ i a UÆ]i `UÆ U[bUÆ]b]ghfUXUÆY`cÆdfYa]UXcÆch] fUzcÆmj YghfYÆUa dYžÆÆc]gÆ dU]b f]g`hYa zh]Vt g`Cg`hf..g`Yj Ybhcg`Yghf~c`]VYfUXcg`dUfU`hcXc`c`a i bXc"Æ

9gdYfUa cgÆYa Æ&\$&%Æ c`hUfÆ gÆUdfYgYbhU, " YgÆdfYgYbW]U]gžÆY a ÆU]UbXcbUfÆUÆ YZ]V]V]U`Y`U`W]bW`YI dcbYbW]U`Xcg`YbVt bhfcg`Y`YI]V], " Yg`cb`]bY"Æ

9ghUÆYX], ~cÆgyfzÆYU`]nUXUÆVt a ÆYV fgcgÆUÆ]ÆY]ÆYÆbW]bh]j cÆÆZi `hi fUžÆVt a Æ Udc]cÆYÆUf`cgÆdci gUÆÆUÆU]bU`Æca i b]W], ~cÆÆZi `hi fU/ÆUhfcb]cÆUÆB; →Æ YÆfYU`]nU, ~cÆ5a UXcÆ5fhYÆ/ÆDfcXi , ~cžÆGYWYhUf]UÆ9gdYV]U`ÆXUÆ7i `hi fUžÆ A]b]ghf]c`Xc`Hi f]ga c`Y;`cj Yfbc`YXYfU"Æ

5`gY[i]fž`bcggU`dfc[fUa U, ~c`i`hUa Vfa `X]gdcb] Y`bc`g]hY`Xc`ZYgh] U"Æ

Dfc[fUa Y!gY"Æ

9ei]dY:]`a Ua V]YbhYÆ

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HcÆV`YVfUHyAfhgÆ\$h\ÆEX]h]cbÆbXÆXUdhÆcÆ\YÆYU`]hmÆfa dcgYXÆmÆ\YÆcj]X!%Æ
dUbXYa]VÆE]`a Ua V]YbhYÆ&\$&\$Æ]`ÆYÆY`XÆb`]bYžÆFYÆZÆUf[YžÆfca Æ&(ÆcÆ
' \$'GYdhYa VYf"Æ

H\YÆYgh]j U'ÆYVW]j YXÆā cfYÆ\UbÆž' \$\$ÆYbhf]YgÆZfca Æ(\$%ÆVti bhf]YgÆ\]gÆYUfžÆ
Vi hÆi YÆ\YÆYgh]Vh]cbgÆfa dcgYXžÆ YÆ\cgYÆcÆV`YVfUHyÆi fÆYbh\Æbb]j YfgUfmÆ
dfYgYbh]b[`U'fYhfcdYVh]j Y`cZ`Z]`a g'Uk UfXYX`]b`dfYj]ci gYX]h]cbg"Æ

-ÆYUhi fYÆbXÆ%g\cfhÆ]`a gžÆk UfXYXÆmÆ\YÆZZ]V]U'Æb fmÆfÆmÆ\YÆi V`]VÆzi hÆ
U`gcÆÆYk Æj\cfhg ÆÆÆbYÆf]h]g\ÆbXÆbYÆf]Ub]UbÆÆY[]ghYfYXÆ\]gÆYUfÆ]h\Æ
h\YÆ\Ya YÆcj]X%ÆUbXÆbYÆÆUbÆ5a Yf]VUbÆdfcXi Vh]cbÆÆUvci hÆ\YÆ]fYgÆ\UhÆ
\UddYbYX`]b`&\$%`]b`h\Y`5a Uncb"Æ

ÆÆXX]h]cbÆcÆ\YÆ]`a ÆWYb]b[gžÆUWÆ] U]`UV`YÆcfÆ&(Æci fgžÆi Wi gjj Y`mÆcfÆ
6fUn]žÆ\YÆYgh]j U'Æ]`Æc`XÆbÆdYb]b[Æ]j YžÆ]h\Æ]Æ UghYfÆVUggÆ]j YbÆmÆ\YÆ
Uk UfX!k]bb]b[Æ\`chc[fUd\YfÆGmj YghYÆZUa dYžÆbXÆk cÆ\Ya Uh]VÆUbY`g'Æ\YÆ
h\fYY`Yj Ybhg`k]`VY`fY`YUgYX`k cf`Xk]XY"Æ

Æ&\$&%Æ YÆcdYÆcÆYhi fbÆcÆZUW!hc!ZUWÆbYfYgYbhUh]cbgžÆ]h\ci hÆVUbXcb]b[Æ
h\Y`ZZYVh]j YbYgg`UbX`Yi dcbYbh]U`fYUW`cZ`cb`]bY`a YYh]b[g`UbX`Yi \]V]h]cbg'Æ

H\]gÆYX]h]cbÆk]`ÆYÆY`XÆk]h\Æzi bXgÆZfca Æ\YÆi`hi fYÆbVWbh]j YÆ@Uk žÆk]h\Æ
g ddcfhÆZfca ÆUf`cgÆDci gUÆbXÆZUbU'Æca i b]WU, ~cÆÆzi`hi fU/Æ\YÆgdcbgc`fg\]dÆ
Zfca ÆB; →ÆbXÆdfcXi Vh]cbÆmÆ5a UXcÆfhYÆÆdfcXi , ~cžÆ\YÆdYV]U'ÆYWYhuf]UhÆ
Zcf`7i`hi fYž`h\Y`A]b]ghfmcZ`Hci f]ga `UbX`h\Y': YXYfU`; cj Yfba Ybh"Æ

<YfY`]g`ci f`dfc[fUa ž`U`gc`Uj U]`UV`Y`cb`h\Y`ZYgh]j U`k YVg]hY"ÆÆ

; Yh`fYUXmÆ

:]`a Ua V]YbhY`HYUa Æ

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ðBHFC8I uËCÆ
 : CF9K CF8
 569FHI F5'5I @5'A5; B5Æ
 CD9B-B; '9J9BH
 D5-B9@%
 D5B9@%
 D5-B9@&
 D5B9@&
 : -@A 9G'89'@CB; 5'A 9HF5; 9A
 : 95HI F9'; -@AG
 : -@A 9G'89'7I FH5'A 9HF5; 9A
 G<CFH'; -@AG
 9EI ð9
 : -@A 5A 6-9BH9ÑG'H95AÆ

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@J 9ÆYÆVYfhi fUÆcÆUWVcc_ÆcÆ]`a Ua V]YbhYžÆa Æcfa UÆYÆI `UÆ U[bUÆtÆ a Æ
cÆfYa]UXcÆ]fYhcfÆYÆchc[fUZ]UÆmj YghfYÆUa dYžÆi YÆchc[fUZci ÆÆV fhUÆ ~YÆ
XcÆ5fÆfA ch\ YfÆcZÆh\ YÆ5]fžÆZ]`a YÆei YÆUVf]fzÆcÆZYgh]j U"ÆGmj YghfYÆ]fzÆ
VtÆa dUfhj\`UfÆUÆYI dYf]..bW]UÆXYÆgcVfY] cUfÆUÆ5a Un' b]UÆYÆXYdUfUfI gyÆVtÆa ÆUgÆ
ei Y]a UXUgžÆYa Æ&\$% ÆcÆZUnYfÆÆ]bW]j Y`ÆYÆVtÆa cj YbhYÆY[]ghfcÆei YÆYa cgÆcÆ
Z]`a Y"Æ

CÆW fhUÆA ~YÆXcÆ5fzÆXcÆX]fYhcfÆa i fUhÆ9mi Vc[`i žÆ]bfX]hcÆbcÆ6fUg] žÆgyfzÆ
X]gdc]b]V]`nUXcÆUÆUfh]fÆUgÆ% .` \$žÆYÆYfzÆÆb]VtÆZ]`a YÆi YÆ]WVfzÆ]gdc]b]j Y`ÆÆ
gYa UbUÆcXUžÆVtÆa Æ]b]UÆVYfhcÆUfUÆcXcÆÆi bXc" ABUgÆU`Uj fUgÆcÆX]fYhcf. Æ
Í 7\Ua Ua cgÆghYÆZ]`a YÆYÆYZ Yh]fžÆUbcÆcÆ]Ybh]XcÆYÆZgdY\`UfÆi Æ cgfUfžÆ
VtÆa c`bc`gYbh]Xc`XY`i a U`a YX]hU, ~c`ei Y`gY`Yj U`UhfUj fgXU`a • gjW`í Æ

5`fa ÆXUÆYI dYf]..bW]UÆXYÆg] UgÆZ]`a U[YbgÆbUÆ5a Un' b]UžÆYÆXYÆVtÆa cÆcÆ
W fhU!a YhfU[Ya ÆZc]ÆVtÆbWV]XcžÆGmj YghfYÆVtÆbhUfzÆUcÆd• V]VtÆgcVfYÆg] UÆ
hfU`Yh]Æ]UÆI YggcU`ÆÆYÆVtÆa cÆY]cÆUÆYÆZ] UfÆcÆbfUg] ÆzÆVfWUÆYÆ \$Æ]bcgÆÆÆÆ
dfcZ]gg]cbU`ÆÆVtÆa cÆYÆcfc]bc] Æa ÆcgÆ] U]gÆVtÆb\`YW]XcgÆÆ]fYa]UXcgÆZch]Æ fUZcgÆ
XY`Uj Ybhi fU`Xc`a i bXc"Æ

: U`UfzÆ]bXUÆYÆ] UgÆI dYf]..bW]UgÆcgcÆ`h]a cgÆ]bcgžÆUgÆei U]gÆ i]hUgÆYnYgÆgUÆ
gYi ÆdUfUa chcfžÆUfUÆYÆcW]`nUfÆUd]XUa YbhYÆbUÆY[]~cÆbXYÆYÆVtÆbhfUÆYÆ
fYU`nUf`]a U[Ybg`UfYUg"Æ

5`fa Æ]ggcžÆcgcÆVtÆbhUfzÆa Æci VtÆX]YÆ] UgÆ]U[YbgÆ]cfÆcW]gÆ]b]Æ]hcgÆbXYÆzÆ
Z]`a ci ž`Ya `a U]gXY`%&\$`dUtgYg'Æ

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:]'a Ua V]YbhYfjÆdYb]b[ÆK]`ÆVYÆUÆ@9ÆbÆ UWVcc_žAbÆ\YÆcfa ÆZÆUÆ UghYfÆ
WUggÆk]h\ÆUk UFX!k]bb]b[ÆX]fYWfcÆcZÆd\chc[fUd\mÆGmj YghfYÆ7Ua dY"Æ<YÆ
d\chc[fUd\YXÆh\YÆg\cfhÆA ch\ YfÆZÆh\ YÆ5]fzÆk \]WÆk]`ÆcdYbÆh\YÆZYgh]j U"Æ
Gmj YghfYÆk]`Æg\UfYÆh\YÆYI dYf]YbWVÆcZÆZmj]b[Æcj YfÆh\YÆ5a UncbÆUobXÆ
YbVæi bhYf]b[Æ\YÆ]fYgžAbÆ&\$% žÆ`ck]b[Æ\YÆ U_]b[ÆZÆ\]gAbWVYX]V'YÆYVæfXÆ
h\Uh'k Y'gyY']b'h\Y'Z]'a "Æ

H\YÆ]cfhÆZ]'a ÆA ch\ YfÆZÆh\ YÆ5]fzÆ/mÆ]fYWfcÆi fUhdmi Vc[`i žÆbfY'YUgYXAbÆ
6fUn]žÆk]`ÆVYÆUj U]UV'YÆzfca Æ.' \$Æla "ÆhÆk]`ÆVYÆh\YÆb`mÆZ]'a Æh\UhÆk]`ÆVYÆ
Uj U]UV'YÆU`Æ YY_žÆ]h\ÆdYbÆg][bU'ÆcfÆ\YÆ \c'YÆ cf"X"AbÆ\YÆ cfXgÆZÆhgÆ
X]fYWfc. ÆI K YÆU`YXÆ\]gÆZ]'a ÆUÆYZ YV]cb\hÆch\AbÆ\ YÆYbgYÆZÆa]ffcf]b[ÆVÆ
cfÆVYUf]b[ÆK]hbYggVÆUbXÆAbÆ\ YÆYbgYÆZÆUÆ YX]hUh]cbÆ\ UhÆcUfgÆh'fc i [\Æ
a i g]V'Æ

ÆÆXX]h]cbÆcÆ\YÆI dYf]YbWVÆZÆ]gÆZ]'a]b[AbÆ\YÆ5a UncbžAbXÆck Æ\YÆ\cfhÆ
Z]'a Æ UgÆbV]j YXžÆGmj YghfYÆ]`ÆV`Æ\YÆi V`]WÆVci hÆ]gÆYfgcbUÆfU'YWfcfÆ
!Æck ÆYÆUa YÆcÆYh\YÆbÆfUn]'ÆVci hÆ\$ÆYUfgÆ[cÆÆbXÆfcZYgg]cbU'ÆÆck Æ
\YÆVYUa YÆcbYÆcZÆh\YÆVYgh!_bck bÆUbXÆa cghÆUk UFX!k]bb]b[ÆUj Ybhi fYÆ
d\chc[fUd\Yfg]b'h\Y'k cf"X"Æ

<YÆ]`Æ'gcÆU_ÆVci hÆ]gÆI dYf]YbWVgAbÆYVbhÆYUfgžAbÆ \]WÆYÆZhYbÆgYgÆ
\]gÆUfUa chcfÆcÆi]W_mÆcWUhYÆ]a gY'ZAbÆ\YÆY[]cbÆ \YfYÆYÆgžAbXÆcÆU_YÆ
UYf]U`]a U[Yg'Æ

ÆÆXX]h]cbžÆYÆ]`ÆV`ÆgÆh\YÆVci hÆ]gÆUj Y'gÆcAb\cgd]hUV'YÆgdchYÆ \YfYÆ
\Y'\Ug'U'fYUXmZ]'a YXž]'b'a cfY'h\Ub`%&\$'Væi bhf]Yg'Æ

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CÆdf]a Y]fcÆdU]bY`ÆhYa zh]VcÆhYfzÆVt'a cÆhYa U.ÆA UfYgÆYÆC VVUbcgÆÆUÆbcj UÆ
XfWUXUffÆY'a ÆFYZyf..bW]UÆÆÆXfWUXUÆ&\$&%' &\$' \$žÆXYWUfUXUÆdY`UÆCBI ÆVt'a cÆUÆ
8fWUXU` ðbhYfbUW]cbU`XU`C VVUbc[fUZ]U`dUFU`c`8YgYbj c`j]a Ybhc`G ghYbhZj Y`"Æ

DUFUÆUÆX]fYhcfU! [YfU`ÆXUÆ B9G7CžÆU[..bW]UÆei YÆVt'cfXYbUfzÆUgÆU]h]]XUXYgžÆ
5i XfYmÆ5nci `UmžÆcgÆC VVUbcgÆg-cÆÆ cgÆFY[i `UXcfYgÆa U]gÆdCXYfCgCgÆCÆV]a U] žÆ
a UgÆ]bXUÆI]ghYa ÆUW]bUgÆYÆVt'b\YV]a YbhcÆgC VYfYÆgÆ UfYg`ÆCÆVWUbcÆÆÆa UÆ
bcj UÆZfcbhY]fU"Æ9`YÆVt'VfYÆ+% ÆXcÆd`UbYhUÆYÆbcÆYbhUbcÆYI d`cfUa cgÆYÆ
Vt'b\YV]a cg'a Ybcg'XY`) i `XY`Y"i Æ

CÆdU]bY`ÆUcfxUfzÆUÆei UbhUgÆU]bXUÆUg]•XYÆCÆ UfÆfUg]`Y]fcÆBÆÆ zgh]VcÆÆÆÆ
ZU`hUÆXYÆgU]bYUa YbhcÆVzgjVt'žÆYÆei YÆZcfa UÆUZYhUa ÆbcggUÆVt'ghU3Æ9I]ghYÆ a Æ
d`Ubc`XY` [Ygh-c`Xcg'fYVW fgcg'bUhi fU]gVt'ghY]fcg'3Æ

DUFh]V]dUf~cÆXcÆdU]bY`žÆei YÆhYfzÆVt'a cÆ]bgd]fU, ~cÆcÆZ]`a YÆ6U]UÆ fVUbužÆ
dfYa]UXc`dY`c`d•V`]Vt`bc`ZYgh] U`XY`&\$% .Æ

5@9L5B89FÆHI FF5žÆ6]Cec[cžÆa YghYAYÆci hcfAY'a ÆVt`c[]UÆI B=75A DÆAYÆdfcZYggcfÆ
h]hi `UfÆCÆbgh]hi hcÆC VVUbc[fzZ]Vt'ÆUÆ b]j Yfg]XUXYÆYÆG-cÆDUi `cÆI C I GDtÆIhi UbXcÆUgÆ
zfyUg'XY`9Vt`c[]U`A Uf]b\U`Y; YfybV]Ua Ybhc`7cghY]fc"Æ

F=75F8CÆ CA9CžÆB]Cec[cÆA Uf]b\cAYÆC VV a YbhUf]ghUžÆ]fYhcfÆCÆZ]`a YÆU]UÆ fVUbužÆ
Zi bXUXcfÆCÆbgh]hi hcÆA UfÆ fVUbcžÆc`hUXcÆdUfUÆUÆXYZYgUAYÆdfYgYf] U, ~cÆXYÆa UfYgÆÆ
cVWUbcg'Æ

>| @5B5ÆDCB7-€B-žÆ9b[Yb\Y]fUÆ5a V]YbhU`ÆI : : ŁžÆBYg] [bYfÆdUfUÆG ghYbhU]`]XUXYÆ
f] U]UÆXi W]h]cbtžÆI !j Y`Y`UXcfUÆfC]g]cbU`žÆhi U`a YbhYÆÆ]fYhcfUÆUÆDUf`YmžCfÆI YÆ
C VVUbgÆ6fUn]`žÆdY`UÆei U`ÆXYgYbj c`j YÆYÆYI YW]hUÆdfc`YhcgÆYXi W]h] cgÆYÆa]b]ghfUÆ
dU`YghfUgÆVt'a ÆUÆYa zh]W]UÆUÆg ghYbhU]`]XUXYÆÆfchY, ~cÆcgÆC VVUbcgÆUfUÆZ]YfYbhYgÆ
d•V`]Vt'g'Æ Æ

G9DH9A 69F Ž' &) *Ž' 5H * . ' \$ ' DA Æ

H\YÆ]fghÆ\Ya Uh]WÆ]UbY'Æ]`Æ/YÆVci hÆSYUgÆ]bXÆVWUbg.Æ\YÆYk ÆYWXZYžÆbÆ
fYZfYbWYÆcÆ\YÆXYWUXYÆ&\$%& &\$' \$žÆYWUFYXÆ/mÆ\YÆ BÆ]gÆ\YÆbYfbUh]cbU'Æ
8YWXZY'cZ'CWUbc[fUd\mZcf'G ghU]bUV'Y'8Yj Y'cda Ybh'Æ

: cfÆh\YÆX]fYVWcf! [YbYfU'ÆcZÆ B9G7CžÆh\YÆU[YbWÆh\UhÆk]`ÆVcfcX]bUhYÆh\YÆ
UVh]j]h]YgžÆi XfYmÆnci `UmžÆ\YÆVWUbgÆ]fYÆ h\YÆ cghÆdck YfZi `ÆY[i `UhfcgÆZÆ
h\YÆV]a UhY' žÆi hÆ\YfYÆ]fYÆ]`Æ UdgÆ]bÆ\YÆbck `YX[YÆVci hÆ\YÆ]YUg'Æ H\YÆ
cWUbgÆ]gÆ]bYk ÆZfcbh]Yf"ÆhÆVj YfgÆ% ÆcZÆ\YÆ`UbYhÆ]bXÆ]YhÆ YÆI d`cfYÆ]bXÆ
_bck `Ygg'h\Ub') i `cZ]h"Æ

H\YÆ]UbY'Æ]`ÆXXfYggÆ\YÆYU'hÆZÆ\YÆfUn]"UbÆVWU"Æ`Ugh]WÆ]bXÆ\YÆUWÆ
cZÆ]Ug]WÆ]b]hUh]cbžÆck ÆcÆ\YmÆ]ZZYWÆi fÆZUgh3Æ]YfYÆ] UbU[Ya YbhÆ`UbÆ
Zcf'VžUghU`bUhi fU`fYgci fWg3Æ

K]`Æ]fuh]V]dUhYÆ]bÆ\YÆ]UbY'žÆ \]WÆk]`Æ/YÆ]bgd]fYXÆ/mÆ\YÆ]`a Æ fVUbÆ]bUhÆ
Uk UfXYX`Vmh\Y`di V]WUh'h\Y'&\$% `ZYgh] U'Æ

5@9L5B89FÆII FF5žÆ]c`c[]ghžÆ UghYfžÆ]bXÆD<8Æ]bÆVc`c[mÆI B=75A DÆ]bXÆ]fcZYggcfÆ
UhÆ\YÆCWUbc[fUd\]WÆ]gh]hi hYÆZÆ\YÆ b]j Yfg]hmÆZÆ-cÆDUi `cÆIÆI GDÆÆ cf_]b[Æ]bÆ\YÆ
UfYUg'cZ'AUf]bY'9Vc`c[mUbX'7cUghU`A UbU[Ya Ybh'Æ

F=75F8CÆ CA9GžÆ Uf]bYÆ]c`c[]ghÆ]bXÆcW a YbhUfmÆ]`a a U_YfžÆ]fYVWcfÆZÆ\YÆ]`a Æ
6U]UÆI fVUbUžÆZci bXYfÆcZÆ-bgh]hi hcÆA UfÆI fVUbcžÆZcW gYXÆcbÆh\YÆXYZYbgYÆUbXÆ
dfYgYf] Uh]cb`cZ'gYUg]UbX'cWUbg'Æ

>I @5B5ÆDCB7ÆCBžÆ]bj]fcba YbhU'Æ]b[]bYfYÆI :: žÆBYg] [bYfÆZcfÆI ghU]bUV]"hmÆ U]UÆ
9Xi WUh]cbžÆZcfa YfÆdfcZYgg]cbU'Æ]U]"cfzÆ]YÆ]gÆW ffYbh'mÆX]fYVWcfÆcZÆUf`YmÆZcfÆh\YÆ
CWUbgÆ6fUg]žÆk \YfYÆ]YÆXYj Y'cdgÆ]bXÆYI YW hYgÆYXi WUh]cbU'Ædfc`YVh]gÆ]bXÆ]j YgÆ
`YVh] fYgÆcbÆ\YÆh\Ya YÆcZÆ] ghU]bUV]"hmÆ]bXÆ]fchYVh]cbÆZÆ\YÆCWUbgÆZcfÆ]ZZYfYbhÆ
Ui X]YbWg'Æ

Æ Æ

CÆY[i bXcÆU]bY`ÆYfzÆVta cÆY a UÆ7cbg i a cÆBYgbYVWggzf]c.Æ@] cÆBI VVggj] c"Æ J Ua cgÆFYZYh]fÆgcVfYÆUgÆ]b• a YfUgÆ]a d`]WU, " YgÆXcÆVtbg i a cÆXYgYbZFYUXcÆXYÆ bcggUÆcWYXUXYÆÆYi gÆZY]hcgÆcVfYÆUÆUhi fYnUzÆVta ÆUÆYfU, ~cÆXYÆcbY`UXUgÆ XY`]i c`hcXcg'cgX]Ug'Æ

CÆ] YfYbWUa YbhcÆXYÆYgXi cgÆGCE]XcgÆfÆ a ÆXcgÆa U]cfYgÆXYgUJ]cgÆY a ÆhcXcÆ a i bXc/Ædf]bWUdU`a YbhYÆbi a ÆVt`bhYI hcÆY a Æei YÆUÆdcdi `U, ~cÆXUgÆVWUXYgÆ Ui a YbhUÆVt`bghUbhY a YbhY"ÆGY[i bXcÆUÆ5VfY`dYÆf5ggcWU, ~cÆ6fUg]`Y]fUÆXYÆ 9a dfYgUgÆYÆ]a dYnUÆ• V`]WUÆÆYgXi cgÆGdYWU]gÆÆfUg]`ÆYfci Æa ÆcfcÆcÆYÆ +- Æ]`" YgÆXYÆcbY`UXUgÆYÆYgXi cgÆGCE]XcgÆfVUbcgÆa Æ&\$% žÆV`YhUbXcÆVfWUÆ XYÆ & ÆYÆXY]I UbXcÆ`ž Æa]`" YgÆXYÆcbY`UXUgÆY a ÆYfY a ÆYVt`X]UgÆ]Æ]ggcÆ dcg]WcbUÆcÆfUg]`ÆVta cÆcÆa U]cfÆ] YfUXcfÆXYÆ]i cÆXUÆ5a ff]WUÆ@Uh]bUzÆgYbXcÆ fYgdcbgz Y`dcf`(\$ `Xc`hcU`bU`fY[]-c`fB[..bWU`6fUg]`ž&\$%`Æ

DUfh]WdUf~cÆXcÆdU]bY`žÆei YÆhYfzÆVta cÆ]bgd]fU, ~cÆcgÆZ]`a YgÆ9bgUv`U`ÆYÆ **7ca dfUfžÆ HfcWfžÆ 7ca dfUfžÆ** dfYa]UXcgÆ dY`cÆ d•V`]WtÆ YÆ dY`cÆ ^f]žÆ fYgdYW]j Ua YbhYž`bc`ZYghj U`XY`&\$%Æ

B-B5ÆCF@CK žÆ5fei]hyUÆYÆ fVUb]ghUÆI GdLÆVta ÆdGgÆ] fUXi U, ~cÆY a Æ7cbghfi, " YgÆ G ghYbhzj Y]gÆfi 55DLÆYÆWfgcÆXYÆ; Ygh-cÆ5a V]YbhUÆfG9B57žÆ]bhY[fUÆX]j YfgcgÆ a cj]a YbhcgÆXYÆBYgYbj`c]]a YbhcÆi ghYbhzj Y`ÆVta cÆÆa cj]a YbhcÆY]cgÆ8GÆcÆgUcÆ XYÆG-cÆDUi `cžÆÆ HÆAY]cÆ5a V]YbhYÆUÆYXYÆBcgUÆG-cÆDUi `cžÆUÆ[YbXUÆ&\$`\$ÆYÆ]`UÆ A Uf]UbU#GD Ugg]a `Vta c`]b]WU]h] UgdY`c`FYgXi c`NYfc"Æ

9@G569H<Æ F=A69F; žÆAYghfYÆa ÆcW]c`c[]UÆI : F; GžÆccfXYbUXcfUÆXYÆYgXi cgÆ GCE]XcgÆcÆbgh]i hcÆDCE]gžÆYdfYgYbhUbhYÆUÆ5a ff]WUÆ@Uh]bUÆcÆi VÆ`cVU`ÆYÆ 5-5ÆÆ 5`]Ub, UÆ`cVU`Æ5`hyfbU]h] UgÆÆbW]bYfU, ~cÆYÆ/c]dfca chcUÆXUÆ5`]Ub, UÆYgXi cÆNYfcÆ 6fUg]`Æ

Æ Æ

@CB; 5G'Df 9A -58CG' 9A '98-4É 9G' 5BH9F €F 9GÆ

Gÿ'YW]cbUa cgZÆYbhfYÆgfa i]hcgÆZ]a YgBfYa]UXcgÆCÆcb[cÆYghYgÆ\$ÆUbcgÆYÆ
fYU]nU, ~cÆxcÆ]a Ua V]YbhYžÆcb[UÆi YhfU[YbgÆi YÆU]bXUÆi UfXUa ÆY a UgÆV 'UÆ
Uhi U']XUXYÆfÆ]bY[zj Y'Æci žÆYa ÆU[i bgÆVWgçžÆW 'UÆVt bhYa dcfUbY]XUXYÆgYÆ
Ua d']ci ž'Wt a 'c' U[fU] Ua Ybhc' Xcg'dfcV' Ya Ug'Ua V]YbhU]gjei Y' UdcbhUa "Æ

&('89' G9H9A 6FCÆ



DfâA € '8C' Di 6@7C '&\$%- Æ

6U#U' fVUbU'XY'F]WfXc'; ca YgÆ
&\$%+ p'ófUg]`p'+\$ a]bÆ

G-BCDG9Æ

5Æ]XUÆ Uf]b\UÆUÆU#UÆYÆ i UbUVUfUžÆVt a ÆYbUgÆi bWUÆ
j]ghUgÆYÆc`Z]b\cgÆUfhuFi [UgžÆVt fU]gžÆVt gcb'UgÆYÆ U]gÆ
XYÆ \$Ægd'fVYgÆi YÆU]bXUÆ]j Ya ÆbcÆ UfÆdc' i XcÆcÆ]cÆ
XY'>UbY]fc"Æ

Æ

&) '89' G9H9A 6FCÆ

A 9@<CF '@CB; 5' &\$%) Æ

6]['A Yb'XY'FUMX'Y'6cmtbhc bÆ
&\$% 'p'9ghUXcg] b]Xcgp' - \$'a]bÆ

Æ

>| GH≡ =75H≡ 5'8C`>| FÆ

I a Æ]bhf][UbhYÆZ]a YÆXYÆU' hUÆei U']XUXY"ÆDYfZY]hcÆYa ÆWUXUÆ
XYhU' \YžÆ

XUg'hYbgUg'fYi b] Yg'Wt a 'YI YW'hj] cg'XU']bX• ghf]U'XY'dYhfCEYc' { gÆ
Wt bj YfgUg'Wt a '[i Yff] \Y]fcg'ZcfhYa YbhY' Ufa UXcg"Æ

Æ

G-BCDG9Æ

CÆei YÆUWt bhYWÆei UbXcÆi a Æ[fi dcÆgYXYbhcÆdcfÆX]b\Y]fcÆ
XYgWt VfyÆ

i a 'Ybcfa Y'Y'fUfc'dchY'XY'ci fc'bi a 'Xcg`cWU]g'a U]g'dcVfYg'XUÆ
ãZf]WU3ÆdfcXi n]XcÆdcfÆfUXÆ]hžÆÆ]a YÆÆ a Æci fÆhfUj fgÆcÆ
dcXYfcgçÆa i bXcÆXcgÆbY[ÆV]cgÆXcÆdYhfCEYcÆ ÆUÆV] gWUÆdcfÆ
X]b\Y]fcž' dcXYf'Y']bZi ..bW]Ugž' ei Y'UZyhU'U'hcXcg'bCg"Æ

Æ

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DfâA € '8C 'Di 6@7C '&\$%' Æ

Cg'7\YZ" Yg'D]fUfUa 'XY': fYXf[_]; YfthYbÆ

&\$%&p'G fWU'p',, 'a]bÆ

Æ

G-BCDG9Æ

CAZ]'a YÆ**SubUg**ÆÆgcVFYÆÆdfcWggcÆ c]XcÆbcfÆfUVU\UXcfYgÆ
fi fU]gÆXUÆB]Wlfz [i UÆVtbfUÆUÆY a dfYgUÆBc'YÆ ccXÆ7'ca dUbmÆÆ
h]b\UÆI]V], ~cÆdfYj]ghUÆbcÆ Ygh] U'ÆXYÆÆcgÆ5b[Y'YgZÆi UbXcÆZc]Æ
]bYgdYfUXUa YbhYÆfYh]fUXcÆXUÆg'Y, ~c/ÆgYi ÆX]fYhcfÆYÆYei]dYÆ
ZcfUa ÆdfcWggUXcgÆdY'UÆ8c'YÆdcbÆX]ZUa U, ~c"Æ7'ca cÆB Uj]ÆYÆ
; c]UgZÆcÆX]fYhcfÆYg'j YÆdfcWggz!'cgÆhUa Vfa "Æ i UbXcÆhi XcÆ
dUFYVWÆBYfX]XcZÆ a Æ'c[i Y]fcÆj YVtÆgYÆYj c'hUÆcÆYgVtVf]fÆi YÆ
c'a YfWUXc'cf[]b]Vt'cWU'j YbXY'cg'dfcXi hcgXU'8c'Y"Æ

Æ

DfâA € '8C 'Di 6@7C '&\$%('p'DfâA € '9GD97-5@'8C '>i F=&\$%(Æ

J]fi b[U'XY'cf'UbXc'j cb'9]bg]YXY'Æ

&\$%('pFY]bc'l b]Xc'p'-\$ a]bÆ

Æ

>l GH≠ 75HJ5'8C '>i FÆ

CAZ]'a YÆhY a ÆhcXcgÆcgÆY'Ya YbhcgÆXYÆi a ÆZ]'a YÆXYÆU, ~c. Æ
XfUa zh]VtZÆYI W]hUbhYZÆVcb]hc/Æ]bhf][UÆ]bhYfbUW]cbU ZÆ'c[cÆXYÆ
dcXYfZÆVfi hU'XUXYZÆ]j c'..bWU"ÆA UgÆfÆi a UÆ]ghÆ]UÆFYU ZÆi YÆ
dcXYÆUdYbUgÆgYfÆVtcbUXUÆY'cgÆYfgcbU[YbgÆi YÆbWUfUa ÆghUgÆ
Zcf, Ug'ÆBcgÆ]XYbh]Z]WUa cgÆVt a ÆUgÆ]bcWVbhYgÆ] #]a UgÆXYghYÆ
Vt bZ]hc"Æca cgÆgÆcf] UÆ]gca cgÆgÆVt b[c'Yg'gÆI di `ggcÆYÆj UgÆ
hyffUg'Æ

Æ

G-BCDG9Æ

7cbVtffYbhYÆUcÆCgWfÆ&\$%) ZÆcÆZ]'a YÆa cg'fUÆUÆi hUÆXYÆi a Æ
dYei YbcÆYÆVt'fU'cgcÆ]fi dcÆXYÆ]i UfXUgÆZ cfYghU]gÆXcÆDUfei YÆ
BUW]cbU'ÆYÆ]fi b[UÆ]UfUÆ]fchY[YfÆÆUfei YÆÆgÆ'h]a cgÆcf]UgÆ
XUÆa cbhUb\UzÆZfYbhYÆUcgÆVt bZ]hcgÆUfa UXcgÆei YÆcVtffY a Æ
dYfa UbYbhY a YbhYÆbUÆY[]~c"ÆDYggcUgÆi YÆUff]gWUa Æj UgÆ]XUgÆ
dUFUÆVtbg'fi]fÆi a ÆZi hi fcÆa Y'cfÆY a Æi a UÆdUfhYÆXUÆa Z]WUÆ
Ygei YW]XU"Æ

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89GH5E1 9'85'7I F58CF-5'&\$%* Æ

<ca a Y'@YggXY'H\ca Ug'K]fh\Ybgc\bÆ

&\$% p'fai gfiU'p', + a]bÆ

Æ

>I GH≡ =75H≡5'85'7I F58CF-5Æ

I a ÆYfgcbU[Ya Æ Yb]U'žÆi YÆcgaÆa cWcbUÆtÆa ÆYi Æ/ca Æi a cfÆ
Y'V\Ufa Y'Ybei Ubhc'bcg[i]U'dcf' i a U'\]ghÆ]U'gi fdfYYbXYbhY"Æ

Æ

G-BCDG9Æ

5Æ]XUÆXYÆA Uf_ÆfÆ a UÆa YhzZcfUÆXUÆi hUÆXUÆWUggyÆa fX]UÆi YÆ
YghzÆYgJdUfYVWbXcÆUÆa ff]WU"Æ UgÆÆUa Vfa Æa Æ]a YÆcVfYÆ
UÆY'U, ~cÆUÆVXUXYÆYÆBcj UÆcfei YÆÆ a ÆYÆYi gÆ UV]hUbhYg"Æ
Bcj UÆMÆf_Æb~cÆfÆg]a d'Yga YbhYÆi a ÆVY'cÆVWbzf]cžÆa UgÆUÆ
UbhU[cb]ghUÆi YÆ]hUÆ]fY, ~cÆi YÆÆ]XUÆXYÆ Uf_ÆghzÆca UbXcÆ
Y'U'W]Uhj]XUXY'ei Y'i gU'dUfU'bY'U'gcVfYj]j YfÆ

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Æ

A 9@<CF '@CB; 5'&\$%%Æ

7ca dfUfž'HfcWfž'7ca dfUf'XY'7cg]a U'8Ubbcf]mYfÆ

&\$%\$ p'9gdUb\U'p'+) a]bÆ

Æ

>I GH≡ =75H≡5'8C'>I F≠Æ

FYgi `hUXcÆXYÆdYgei]gUÆXYhU'\UXUžÆVtÆa ÆYei]`f]cÆbcÆi gcÆXYÆ
a UhYf]U'ÆXYÆUfei]j cÆYÆZ]`a U[YbgÆcf][]bU]gžÆcÆZ]`a YÆUdfYgybhUÆ
i a UÆei Ygh~cÆZi bXUa YbhU'ÆXYÆbcggcgÆX]Ug_ÆcÆYbW fhUa YbhÆ
dfc[fUa UXcÆdY'UgÆ fUbXYgÆa dfYgUgÆUÆ]XUÆ h]`ÆXcgÆdfcXi hcgÆ
ei YÆgUa cgÆÆYi Æa dUWtÆbcÆ Y]cÆa V]YbhY"ÆCÆ]a YÆgh]a i `UÆ
UÆ]UhY]UÆÆYgYa dYb\UfÆÆUdY'ÆYÆtÆbgj a]XcfÆtÆbgWYbhYÆUfUÆ
ZUnYf'žFYbhY'Uc'dfcV'Ya U'Æ

Æ

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G-BCDG9Æ

CÆZ]`a YÆXYbi bWUÆUÆgYW`UfÆcVgc`YgW.bWUÆd'UbY'UXUÆ]ÆcÆ
YbW fhUa YbhÆY]VYfUXcÆUÆ]XUÆ h]`ÆcgÆdfcXi hcgÆÆYÆ cXcÆÆ
[UfUbh]fÆUÆYa UbXUÆcÆtÆbgj a cžÆYÆtÆa cÆYghYÆ YWUb]ga cÆÆÆ
WfbYÆXUÆgcWYXUXYÆ cXYfbUÆXYÆtÆbgj a cžÆi YÆUa YU, UÆZc[UfÆ
Ya ``]l c'Y'XY'^hcg'c'd'UbYhUÆ

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&, '89'G9H9A6FCÆ

DfaA €'8C'Di 6@7C'&\$%%Æ

9bgUWt`U°XY'Gi nUb'6YfUnUÆ

&\$%\$ p'9ghUxcgl b]Xcgp'+, 'a]bÆ

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GBCDG9Æ

>YVÆ6Yffj]YfzÆi a ÆUa Yf]WbcbÆVt a i a žÆbUXUÆfUX]WUžÆhca UÆUÆ

XYW]g-cÆXYÆ]bhYffca dYfÆcÆi gcÆXYÆgUWtgcÆXYÆd`zgh]WtÆXcÆ

gi dYfa YfWUXc"ÆA UÆgUvYÆi YÆghUÆ]a d`YgÆXYW]g-cÆa i XUFzÆj UÆ

j]XU'Wt a d`YhUa YbhY""Æ

Æ

&- '89'G9H9A6FCÆ

DfaA €'8C'Di 6@7C'&\$%) Æ

C'>UfX]a `XU'9gdYfUb, U'XY'@ui fybW'; i Ybci bÆ

&\$%) p'6fUg]ž: fUb, U'p'+) 'a]bÆ

Æ

GBCDG9Æ

:]'a UXc'Ya ' ; fUa UWcž'XYdc]g'Xc'ZYWUa Ybhc'Xc'']l ~cž'c'Z]'a YÆ

Xz'j cn{ei Y'Ygjei Y'dYfXYfUa 'gyi '[Ub\U'd~c'ei Yž'Wt a 'i a UÆ

W]a YfUž'dcXYa 'gy'YI dfYggUf'Y'bcg'a cghfUf'g] U'YgdYfUb, U"Æ

Æ

' \$'89'G9H9A6FCÆ

A 9@<CF'@CB; 5'&\$%(Æ

6]XXYf' + \$'XY'6Yh\`UbX'; Ycf[Y'; U[YÆ

&\$%&=9ghUxcgl b]Xcgp'+ 'a]bÆ

Æ

>I GH± 75H±5'8C'>i FÆ

CÆ]YfgcbU[Ya ÆYa ÆlgÆVfUWYf]gh]W]gÆcÆc] Ya ÆYfC]ÆÆ]gdcghcÆ

UAZUnYfÆ a Æ fUbXYÆgUW]ZM]cÆdY'cÆYa ÆVt a i a žÆXYZYbXYbXcÆÆ

W]fhc'WtbfU'c']b]a][c'dcXYfcgc"Æ

Æ

GBCDG9Æ

9a AB&\$\$, ÆcÆygh] XUbhYÆ]a ABY7\]f]ghcd\YfÆVt a YhYi Æ a ÆUhcÆi YÆ

]f]UÆfXYZ]b]fÆcÆdUhf]ch]ga cÆYa ÆbcggcÆY a dcžÆUW]bXYbXcÆ a Æ

Ygd]f]hc'XY'XYgcVYX]..bW]U'W]]'Ya 'bca Y'XU'í gh], U'W]a zh]W]Æ

Æ

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%*Æ

: 95HI F9': @AG'5K 5F898' B' DF9J €I G'98#H€BGÆ

K YAGY`YVWYXZÆA cb[ÆH\YÆ UbmÆUk UfX!k]bb]b[AZ]`a gÆ YÆfYgYbhYXÆj YfÆ\YgYÆ
%\$ÆH\YfgÆcZÆa U_]b[ÆH\YÆ]`a Ua V]YbhYžÆZYUhi fYÆZ]`a gÆH\UhÆgh]`Æc`XÆH\Ya YgÆ
k \cgYÆ]a Y`YggbYggÆgÆ bXYb]UV`YÆcfzÆbÆgca YÆWgYgZÆ \cgYÆÆbhYa dcfUbY]hmÆ
\UgÆI dUbXYXZÆk]h\ÆH\YÆk cfgYb]b[ÆZÆH\YÆbj]fcb a YbhU`ÆfcV`Ya gÆH\YmÆc]bhÆ
ci h`Æ
Æ

G9DH9A 69F`&(Æ

Æ
Æ



D9cD@9N: 7<c=79'&\$%- Æ

I fVUb`6UmvmF]WfXc; ca YgÆ
&\$%+ p'6fUn]`p`+\$`a]bÆ

GMB CDG-Æ

H\YÆa Uf]bYÆ]ZYÆcZÆ i UbUVUfUÆ6UmzÆk]h\Æ bXYfk UhyfÆ
gWYbYgÆbYj YfÆgYbÆVYZcfY.ÆXc`d\]bgZÆhi fhYgZÆVÆfU`gZÆ
gdc b[Yg`UbX`a cfY`h\Ub`) \$`gdYVWYgÆ
k \c`gh]`j Y`]b`h\Y`dc`i hYX`gY`U`cZ F]c`XY`>UbY]fc"Æ

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G9DH9A 69F`&)Æ

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69GH': @A`&\$%)Æ

6][`A Yb`vmF UWX`Y`6cmbHcbÆ
&\$%`p l bhYX`GhYhgp`-\$`a]bÆ

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>I FM>I GH≡ ⇒5H€BÆ

5bÆbhf][i]b[žÆ][\!ei U`]hmÆZ]`a "ÆDYfZYVhÆ]bÆ]j YfmÆX`YhU]`žÆZfca Æ
hYbgYÆa YYh]b[gÆk]h\Æc]`Æ]bXi ghfmÆYI YW`hj YgÆhcÆVÆbj YfgUh]cbgÆ
k]h\`YUj`]mUfa YX`[i Yff]`Ug`Æ

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GMB CDG-Æ

K \UhÆ UddYbgÆ \YbÆ]Æ cbYm\i b[fmÆfci dÆ]bXgÆi hÆ]Æi [YÆbXÆ
fUfYÆchÆZÆc`XÆ]bÆbYÆZÆ\YÆ]ccfYghÆ]UWYgÆ]bÆZf]WJ3Æfci X`WYXÆ
VmÆfUXÆ]hZÆ\YÆ]`a ÆgÆ]Æci fÆ]fci [\Æ\YÆ]ck YfZi`Æ cfXÆZÆ]`Æ
Vi gjbYggÆÆH\YÆgYUfVWÆZcfÆa cbYmzÆdck YfÆUjXÆ]bZi YbVWYgÆ\UhÆ
UZZYVWgi gU`"Æ

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D9CD@9Nt'7<C=79`&\$% Æ
6][`6cmg; cbY`6UbUbUgVmi: fYXf]_; YfhYbÆ
&\$%&p`Gk YXYb`p', , 'a]bÆ

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GMB CDG-GE
H\YÆ cj]YÆUbUbUg`ÆÆVci hÆ\YÆUk gj]hÆ]`YXÆmÆfi fU`Æ cf`_YfgÆbÆ
B]WUfU[i UÆ[U]bghÆ\YÆC`YÆeccXÆca dUbmÆÆ UgÆgMXYXi `YXÆcÆÆYÆ
g\ck bÆUhÆh\YÆ@cÆgÆ5b[Y`YgÆ Ygh]j U`žÆ \YbÆhÆ UgÆ bYi dYVWYX`mÆ
fYa cj YXÆZfca hÆ\YÆY`YW]cb/ÆhgÆ]fYVWfcÆbXÆg]UZZÆ YfYÆ] YXÆmÆ
8c`YÆZcfÆXYZua Uh]cb"Æ@_YÆ8Uj]XÆUbXÆ c`]Uh\žÆh\YÆX]fYVWfcÆ
XYVXYgÆhcÆg] YÆh\Ya hÆcc"ÆK \YbÆU`ÆgYYa gÆcghžÆUÆGk YX]g\Æ
V`c[[YfÆgÆfY] c`hYXÆhcÆX]gVtj YfÆh\UhÆh\YÆcWU`Æcf[Ub]WÆa Uf`_YhÆ
gY`g`8c`Y`dfcXi Wg"Æ

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D9CD@9Nt'7<C=79`&\$%(`p`Gd97-5@`>I FM`5K 5F8`&\$%(Æ

J]fi b[U`VmCf`UbXc`j cb`9]bg]YXY`Æ
&\$%(`p`l b]hYX`?)b[Xca `p`-\$`a]bÆ

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>I FM>I GH= =75HCBÆ
H\YÆZ]`a Æ\UgÆU`Æh\YÆY`Ya YbhgÆcZÆUbÆUW]cbÆZ]`a .ÆxfUa Uh]WÆ
Yi W]h]b[žÆ VYUi h]Z `Æ]bhYfbUh]cbU`Æ]bhf][i YžÆ dck YfÆ d`UnžÆ
Vfi hU]hmžÆ]c`YbWY"Æbi hÆhÆgÆÆYU`ÆhcfmžÆ \]WÆUUbÆb`mÆZÆc`XÆ
VmÆ\YÆW UfUWYfgÆ \cÆZUWYÆh\YgYÆcFVWg"Æ YÆX Ybh]ZmÆ]h\Æ\YÆ
]bbcWYbhÆ]W]a gÆcZÆh\]gÆVtcbZ]W"Æ YÆfYÆh\YÆcf]`UgžÆUbXÆ YÆ
UfY`h\Y`7cb[c`YgY`Yi dY`YX`Zfca `h\Y]f`UbXg"Æ

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GMB CDG-GE
7ca dYh]b[ÆcfÆ\YÆ&\$% ÆgWUfžÆ\YÆZ]`a Æ]ck gÆ\YÆg]fi [[`YÆZÆÆ
ga U`ÆUbXÆVti fU[Yci gÆ] fci dÆcZÆcfYghÆU b[YfgÆZfca hÆ\YÆ]fi b[UÆ
BUh]cbU`ÆDUf`ÆhcÆedfchYVWÆh\YÆdUf`ÆUbXÆh\YÆ UghÆa ci bhU]bÆ
[cf]`UgžÆ]bÆh\YÆZUWYÆcZÆh\YÆcb[c]b[ÆUfca YXÆVtcbZ]WgÆ]bÆh\YÆ
fY[]cb"ÆDYcd`YÆ \cÆ]g`Æ\Y]fÆ]j YgÆcÆi]XÆÆYhYfÆ hi fYÆbÆÆ
Zcf[chYb`dUfhicZ`5Z]WU"Æ

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G9DH9A 69F `&+Æ

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7I F5HCFÑ6`7<C=79`&\$%* Æ

<ca a Y`@YggVmiH\ca Ug'K]fh\Ybgc\bÆ

&\$%`p`5i gnf]U'p`+`a]bÆ

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7I F5HCFGñI GH= =75HCBÆ

5bA]bhf][i]b[Æ\UfUWYfzÆ \cÆ\ f]'`gÆgÆ]h\Æ]gÆccXÆi a cfÆbXÆ

V\Ufa `k \`Y`[i]X]b[`i g'h\fc i [\`Ub`Ua Un]b[`ghcfnÆ

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GMB CDG-GÆ

A Uf`_fjÆ]ZYÆgÆUÆa YhUd\cfÆZcfÆ\YÆgnfi [[`YÆZÆ\YÆa]XX`YÆVUggÆ

h\UhÆgÆ]gUddYUf]b[A]bÆ5a Yf]WU"Æbi hÆhÆgÆ]gcÆUÆ]`a ÆUVci hÆ\YÆ

fY`Uh]cbg\]dÆYrk YYbÆByk Æ\cf_Æ]hmÆUbxÆbyÆZÆhgÆ\UV]hUbhg'Æ

BYk Æ\cf_Æ]gÆchÆi ghÆZÆYUi h]Zi `Æ]hm]b[`zÆi hÆ\YÆbhU[cb]ghÆ\UhÆ

X]V\UhYgÆ\YÆ]fYVh]cbÆ Uf`_NgÆ]ZYÆgÆU_]b[ÆbXÆ\YÆVYUh]j]hmÆYÆ

i gYg'hc`g`fj]j Y`]b`]h'Æ

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69GH` : @A `&\$%%Æ

H\Y`@][\h`6i `V`7cbgd]fUWmVmi7cgja U`8Ubbcf]hmYfÆ

&\$%\$`p`GdU]b`p`+`a]bÆ

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>I FM>I GH= =75HCBÆ

FYg`_hÆZÆYhU]`YXÆYgYUfV\zÆ]h\ÆU`UbWVÆbÆ\YÆgYÆZÆfV\j U`Æ

a UhYf]UÆUbxÆf][]bU`ÆcchU[YzÆ\YÆ]`a ÆfYgYbhgÆUÆ] bXUa YbhU`Æ

]gg YÆZÆci fÆXUmÆh\YÆg\cfhYb]b[Ædfc[fUa a YXÆVmÆh\YÆV][Æ

Vtæa dUb]YgÆbÆ\YÆgYz`_Æ]ZYÆZÆ\YÆdfcXi VhgÆ YÆgYÆUbxÆ\Y]fÆ

]a dUWÆcbÆ\YÆbj]fcba Ybh"Æ\YÆ]`a ÆbVtæi fU[YgÆ\YÆi X]YbWÆ

hc`d`Umh\Y`fc`Y`cZ`U`VtæbgV]ci gVtæbg] a Yf`hc`ZUW`h\Y`dfcV`Ya "Æ

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GMB CDG-GÆ

H\YÆZ]`a ÆXYbci bWVgÆgYW`UfÆd`UbbYXÆcVgc`YgWVbWVÆ!Æh\YÆ

XY`]VYfUhYÆg\cfhYb]b[ÆcZÆdfcXi VhÆ]ZYÆÆ]bÆcfXYfÆcÆi UfUbhYÆ

Vtæbg] a YfÆY a UbXzÆUbxÆck Æ\]gÆ YV\Ub]ga Æ]gÆhÆ\YÆUfYhÆZÆ

a cXYfbÆVtæbg] a YfÆgWVYhmzÆ \]V\Æ\ fYUhYbgÆcÆfck bÆ\YÆ`UbYhÆ

]b`hfUg\`UbX`k`UghY"Æ

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D9CD@9Nt: 7<C=79' &\$%%£

6U[']h° VmGi nUb' 6YfUnU£

&\$%\$ p'l b]hYX' GhUHygp'+, 'a]b£

£

GMB CDG-G£

>YV£6Yff]Yfz£Eub£cfX]bUfnz£Eoch£fUX]WU£E5a Yf]WU£bž£Ea U_Yg£h\Y£E
XYW]g]cb£E£c£d£E g]b[££' Ugh]W£U[g£fca ££\Y£E dYfa Uf_Yh'££]h'Y£E
XcYg£E\Y£_bck ££h\Uh££h\]g£E]a d`Y£XYW]g]cb£E£]`£W£Ub[Y££]g£E]ZY£E
V£a d`YhY`m`""£

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£

D9CD@9Nt: 7<C=79' &\$%) £

H\Y'; UfXYb' cZ' <cdY Vm@Uj fybW'; i Ybci b£

&\$%) p'6fUn]ž: fUbW' p'+) 'a]b£

£

GMB CDG-G£

:]`a YX£]b£E fUa UW£cž£E£ZhYf££h\Y££Wcgj fY££Z££h\Y££xi a dž££h\Y££Z]`a £E
[]j Yg£E] c]W££h££h\cgY£E£ \c£Ecg££h\Y]f£E]j Y']\ccX£E£ \cž£E£]h£££U£E
WUa YfUž`WU£b`Yl dfYgg`h\Ya gY`j Yg`UbX`g\ck `i g`h\Y]f` \cdY"£E

£

£

69GH': £A ' &\$%(£

6]XXYf' + \$ Vm6Yh\ UbX'; Ycf[Y'; U[Y£

&\$%&=l b]hYX' GhUHygp'+ 'a]b£

£

>l FM>l GH≡ =75H£CB£

H\Y££UfUW£Yf£E Ug££h\Y££UfUW£Yf]gh]Wg££Z££h\Y££ci b[£Yfc£££]`]b[£E
hc££ U_Y££££ fYUh££UW]Z]W££cf££h\Y£££a a cb££ccXž££ZYbX]b[££h\Y££E
f][\h'U[U]bgh`h\Y`dck YfZi `YbYa m££

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GMB CDG-G£

-b£££\$, ££gh XYbh££]ja ££BY££\f]ghcd\Yf£££a a]hnhY£££U££UW££h\Uh£E
k ci `X££YXYZ]bY££Uhf]ch]ga ££b££i f££]a Yž££dUf_]b[££££d]f]h££Z££W]]` £E
X]gcVYX]YbW']b`h\Y`bUa Y`cZ`7`]a UhY`>i gh]W"£E

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7I FH5G'DF9A-58CG'9A '98#E'9G'5BH9F €F9GÆ

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CgÆV fhuÆgVc` \XcgpÆYbhFYÆgÆ i]hcgÆfYa]UXcgpÆYghYgÆYnÆbcbgÆYÆYghj] U'ÆÆ
fydfYgYbhJa ÆdYfZY]hJa YbhYÆcÆYgd#]hcÆei YÆhYa Æ [i]UXcÆcgÆEW fUXcfYg Æ
Xj] Yfg]XUXYÆYÆUÆ .bZUgYÆYa ÆZ]'a YgÆXYÆUbj]a U, ~cÆXYÆX]ZYfYbhYgÆhYVb]WUgZÆ
dfcXi n]XcgpÆYa ÆhcXcÆÆÆ i bXc" ÆÆÆV fUXcf]UÆUa Vfa ÆYÆbfYcW dci Æa ÆEYI]V]fÆ
Z]'a Ygei Y'gy'a Ubhf'a 'Uhi U"Æ

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&('89'G9H9A6FCÆ

89GH5E1 9'85'7I F58CF-5'&\$&\$p': ÆA 9' ÆV8#C'BC'6F5GÆÆ

A ~Y'Xc'5f'XY'Ai fUh'9mi Vc['i Æ

&\$&\$ p'9ghUXcgl b]Xcgp'%'Æ' \$'a]bÆ

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>I GH# =75H#5'8CG'7I F58CF9GÆ

8Yj]Xc' { 'i f[..bWU'XU'g]hi U, ~c'XY'ei Y]a UXUg'ei Y'gy'YgdU'\UfUa Æ

dY'c'dUtg'Uc'`cb[c'Xc'Ubc'XY'&\$&\$z'U'W fUXcf]U'Wæbg]XYfci Æ

Zi bXUa YbhU'YI]V]f'i a 'Z]'a Yž'`]VYfUXc'dUfU'hcXc'c'a i bXcž'ei YÆ

WUa UggY'U'Uhyb, ~c'dUfU'U'g]hi U, ~cÆ

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G-BCDG9Æ

I a Uj]U[Ya 'gcVfY'U'ZcfYghU'fYj Y'U'U'XYghfi], ~c'dfcj cWUXUÆ

dY'Ug'ei Y]a UXUg'bU'5a Un' b]U"Æ

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A 9@-CF'7I FH5'&\$%Æ

HUVU'XY'A UfWæg'D]a YbhY'Æ

&\$%p'6fUg]'p%'a]bÆ

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>I GH# =75H#5'8C'>I FÆ

; fi dcg'X]ZYfYbhYg'YI dYf]a YbhJa 'g] Ug[i YffUg'Wæh]X]UbUg'dY'UÆ

gcVfYj]j ..bWU'\UV]hUbXc'i a 'hYff]hÆ]c'XYg][i U'Y'Ya 'Wæbh#i cÆ

XYgYei]'Æf]c"Æ

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G-BCDG9Æ

I a ÆcW a Ybhzf]cÆei YÆYgbi XUÆgÆZæbhfUghYgÆZæbhfUX], " YgÆei YÆ

Uj]XU'bU'W]XUXY'bcg'fYgYfj U"Æ

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DfāA €'9GD97-5@'&\$%&Æ

DUggY]c 'A Uh]bU`XY'; fUbh'CfWUFXÆ

&\$%p'9Gh58cG' l B-8cc'p'*('+a]bÆ

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>| GH≡ =75H≡5'8C>| F≠Æ

DY`U`Zcfa U`cf][]bU`Y`dfYWgUž`ei Y`i gU`c` \i a cf`dUfU`a cghfUf`UgÆ

hfUbgZcfa U, " Yg`Y`UZ], " Yg`dY`Ug`ei U]g`c` a i bXc`dUggU"Æ

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G-BCDG9Æ

Ei UbXc`i a `bcj U!]cfei]bc`dUggU`dcf`i a U`[U`]b\U`Ya `gyi `dUggY]cÆ

a Uh]bU`ž`Z]WUa cg`U`]a U[]bUf`ei Ya `gyf]U`c`j YfXUXY]fc`a U`UbXfcÆ

XU`W]XUXYÄÆ

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DfāA €'9GD97-5@'&\$%) Æ

; YfU]g`XY`5fh\i f: fUn`c`Y`H]U[c`7Ufj U`\cÆ

&\$%) p`6fUg`p`%'a]bÆ

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>| GH≡ =75H≡5'8C>| F≠Æ

v`i a `Z]`a Y`j]g] U`a YbhY`VY`c`Y`WU`a cž`Vt`a `dYfgcbU[Ybg`g]b[Y`cgÆ

Y`XY`\]gh]Ug`Xc`cfcgUgž`a Ug`ei Y`dcf`hfzg`WUffY[Ua `Zcf, U`YÆ

U`Y[f]U`Uc`dfYgyf] Uf`c`Ua V]YbhY`ei Y`cg`WV`fWU"Æ

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G-BCDG9Æ

Bc`bcfhY`XY`A]bUgž`Vt`a i b]XUXYg:[YfU]nY]fUg`Uhi U`]nUa `g] UgÆ

hfUX], " Yg`dUfU`XYZYbXYf`gyi `a cXc`XY`j]XU`Y`gyi `hYff]h]c"Æ

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DfãA €`9GD97.5@`&\$%&Æ

HYW(Cdc`)]g`XY`5bi`_`CVY]XÆ

&\$%\$`p`5f[Ybh]bU`p`%&a`]bÆ

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>| GH≡ =75H≡]5`8C`>| F≠Æ

Dcf`Xca`]bUf`U`hfVb]WU`dUfU`WU`Uf`VY`YnU`i`gUbXc`cV`YhcgÆ

cVgc`YhcgÆ

UXj`Yfh]bXc!bcg`gcVfY`i`a`Zi`hi`fc`Xca`]bUXc`dY`U`hYVb`c`c`[]U"Æ

Æ

G-BCDG9Æ

9fU`i`a`U`j`Yn`i`a`a`i`bXc`"'"'"'"`8Y`Yhcg`XY`d`z`gh]W`WXY[UfUa`U`i`a`Æ

dcbh`c`bc`ei`U`bYa`U`dfU]U`a`U]g`X]ghUbhYÆ

Yghz`gU`j`U`"'"'"'"Æ

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A`9@<CF`:`@A`9`&\$%`Æ

A`c`V`f`]U``f`U`b`X`Y`g`U`X`Y`H`c`b`m`8`c`b`c`[` \i`YÆ

&\$%&`p`f`U`b`X`U`p`,`N%`a`]bÆ

Æ

>| GH≡ =75H≡]5`8C`>| F≠Æ

DY`c`a`c`X`c`c`f`[]bU`Y`W]Uh]j`c`XY`fYdfYgYbhUf`c`dfcW]ggc`XYÆ

fYV]WU[Ya`i`gUbXc`U`hfVb]WU`XY`**ghcd`a`ch]cb"**Æ

Æ

G-BCDG9Æ

I`a`X`c`W`a`Y`b`h`z`f]c`XY`U`b]a`U`,`-`c`gcVfY`fYV]WU[Ya`XY`a`cV]`z`f]cÆ

fi`fU`bU`f`U`b`X`U"Æ

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DfäA €`9GD97-5@`&\$%(Æ

Gca VfU`XU`ãfj`cfY`XY`6]`î`J]`gk`UbU\hÆ

&\$%`´=FYd•V`]WU`XU`HUbñ|`b]U`=%\$`a`]bÆ

Æ

>|`GH≡`≠75H≡]5`8C`>î`F≠Æ

I`a`Z]`a`Y`ei`Y`Xz`YgdYfUb,`Ug`Uc`YgdYWU`Xcf`a`cghfUbXc`i`a`UÆ

Ua`]nUXYÆ

]a`dfcj`zj`Y`"Æ

Æ

G-BCDG9Æ

E`i`UbXc`i`a`a`Yb]bc`YbWëbhfU`i`a`dY]l`Y`U]bXU`j`j]c`Ya`i`a`U`dc,`UÆ

XY`Ua`Už`gYi`XYgUJ]c`f`a`Ubh.!.`c`j`j]c`Y`dUfU`]gñc`j`U]`YbZfYbhUfÆ

XYgUJ]cg`ei`Y`hYghUf`-c`g`U`Zf`bc`i`b]j`Yfgc"Æ

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A`9@<CF`7l`FH5`&\$%)`Æ

C`6Uff]`´XY`5bbUVY`´FcXf#i`YnÆ

&\$%`´=FY]bc`l`b]Xcz`J`YbYni`Y`Uz`FYd`8ca`]b]WbU`=%%a`]bÆ

Æ

>|`GH≡`≠75H≡]5`8C`>î`F≠Æ

DY`U`cf][`]bU`]XUXY`Xc`df]a`cfcgc`fchY]fc`Y`YX],`-cžÆ

fYj`Y`UbXcÆ`a`ÆdYfgcbU[`Ya`ÆUdf]g]cbUXcÆdY`UgÆVëbhfUX],`"YgÆXYÆ

i`a`UÆ`YbYni`Y`UÆ]j`]X]XUÆZbhfYÆgÆ]VëgÆXcÆBYhfCEYcÆÆÆ]bcVFYnUÆ

XY`i`a`U`Vëa`i`b]XUXY`ei`Y`j`j]`Y`{`g`a`Uf[`Ybg`Xc`f]c"Æ

Æ

G-BCDG9Æ

5g`WUgUg`XY`7cb[`c`A`]fUXcf`g`-c`Vëbghfi`#Xug`gc`VfY`dU`UZ]hUg`cgÆ

UXi`hcgi`gUa`U`UbVX`Ug`dUfU`c`hfUbgdcfhY`Y`Ug`W]Ub,`Ug`bUXUa`ci`Æ

i`gUa`VUff]g"Çg`j`YnYgž`Ug`W]Ub,`Ug`cf[`Ub]nUa`Vëff]XUg`XY`VUff]"Æ

@`]g`8Uj`]X`[`cghUf]U`XY`dUfh]W]dUfž`a`Ug`Y`Y`b`-c`hYa`i`a`VUff]"Æ

U]bXU"Æ

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&, '89'G9H9A 6FCÆ
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DfAa €`9GD97-5@'&\$%(Æ
DUmUXU' DU'GUhz b`XY'7Uf'cg'6U'gY]fcÆ
&\$% '5f[Ybh]bU'=#N '\$'a]bÆ
Æ
>| GH≡ =75H≡5'8C'>| FÆ
I a U'bUffU[h]j U'j][cfcgU'Y' [fUbXY'W]XUXc'Yghf[h]Wt' dUfU'a cghfUfÆ
i a U'gff]U'ei Ygh-c'Ua V]YbhU'Æ
Æ
G-BCDG9Æ
Bi a U'fYa chU'z fYU'bc'Wla dcž'i a 'X]U'U'hYffU'Wta Y, U'U'hfYa Yf"'CÆ
; U'Wxc'Y'g' U'YgdcgJž'Uggi ghUXcgž'dYbgJa 'ei Y'f'i a U'dfU[U'XYÆ
gUhuBz'g' A Ug'gyfz' fYU'a YbhY'c'X]UVc'ei Y'Ygzh'Wli gJbXc'YghY'a U'3Æ
Æ
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89GH5E1 9'85'71 F58CF-5'&\$%Æ
7• a d`]WY'XY'; Uj]b'<cZZa UbÆ
&\$% 'p'f'UbXU'p' (N\$, 'a]bÆ
>| GH≡ =75H≡5'8CG71 F58CF9GÆ
Dcf'bcg`Ya VfUf'ei Y'gca cg'hcXcg'fYgdcbgz'j Y]gž'U[]bXcÆ
ci 'WU'UbXc"Æ
Æ
G-BCDG9Æ
I a 'Z]a Y'ei Y'YI d'cfU'U'WtbgYei ..bW]U'XY'bcggcg'Uhcg"Æ
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A 9@<CF'7i FH5'&\$%) Æ
î `h]a U'A cfUXU'XY'HcZ]e'5a Ub]Æ

&\$%('p'7i fX]gh-cž'f~'p'%šN, 'a]bÆ
Æ
>| GH≡ =75H≡5'8C'>| FÆ

@]b[i U[Ya 'j]g] U']bWta i a 'Y'X]z`c[cg'WWhj] UbhYg!'c'Z]a YÆ
g] fdfYYbXY'ei UbXcž'Ya 'ncca 'ci hž' bi a 'd'Ubc'a U]g]UVYfhcžÆ
fYj Y'U' i a 'Z]a ']b]a U[]bzj Y''Æ

Æ
GBCDG9Æ

5'\]ghÆ]U'XY' i a U'Z]a ‡]U'XY'hf..g'dYggcUg]bc'a Y]c'Xc'XYgYfhc'XcÆ
=fUei Yž'XYdc]gXU'df]a Y]fU'[i YffU'Xc'[c`Zc'f% , \$! , , Ł''''Æ

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Æ
A 9@<CF'7i FH5'&\$%) Æ

9| ‡]U'XY'FYbUHu'7'Ui gÆ

&\$%) 'p'6fUg]'p'&'N*'a]bÆ
Æ
>| GH≡ =75H≡5'8C'>| FÆ

C'hfUhJa Ybhc'j]g] U']bWta i a 'i g]Xc'bi a 'Z]a Y'XY'b~c'Z]W ~cžÆ
U[fY[U'j U'cf'W'bhfU' Uc'XcW'a Ybhzf]cž'Wtbj]XUbXc!bcg]UÆ
YbhYbXYf'c'ei Y'Ug'dU'Uj fUg]b~c'dcXYa 'ZUnYf''v' i a 'fYhfUhcÆ
g]bW'fc Y'dcXYfcgc'XY'Xi Ug]gYb\cfUg'Y'g U'buhi fYnUž'bUffUXcžÆ
Z]bU'a YbhYž'dY'U'gYbg]V']XUXY'XY'ci hfU'a i '\Yfž'U'X]fYhcfUÆ
FYbUHu'7'Ui g'Æ

Æ
GBCDG9Æ

8i Ug]gYb\cfUg'XU']\U'XY'HUhi cWU'gY'j]g]hJa 'Y'Wta YbhJa 'Wta cÆ
Ygh~c'gYbXc'XYg'cWUXUg'dY'U'g] V]XU'XUg'a UffgY'dY'Ug'a i XUb, UgÆ
W]a zh]WUg'Æ

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' \$'89'G9H9A 6FCÆ

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89GH5E1 9G'85'7I F58CF-5'&\$&\$'p'&': -@A 9G' -Bv8+HCGÆ

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B~c'j Y^c'ZfcbhY]fUgž'Y'j cW.3XY'DUf\Ua'fB']L'A Ub]UbÆ

&\$&\$'p'FYd+V']W'g]a]W'Xc'f~'p'&N)'a]bÆ

Æ

>l GH≡ ≡75H≡5'85'7I F58CF-5Æ

Dc]g'UZ]bU'z'XY'ZUhcž'YghUa cg'fYU'a YbhY'WtbyWU'XcgžÆ
]bhYfXYdYbXYbhYg'Æ

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G-BCDG9Æ

5'a U]cf]U'XUgj YnYg'Ygei YW'a cg'ei Y'U'dU'Uj fU'î \i a Ubcî 'gYÆ

fYZfY'U'hcXcg'bCgž']bXYdYbXYbhY'XY'dU'gY'Y'bUW]cbU']XUXYg'Æ

7ca'c'UXj Ybhc'Xc'7cfcbUj #fi g'hcXUg'Ug'bU, " Yg'Y'dc' #h]Wt'gÆ

[fUXi U'a YbhY'gY'j]fUa'î bhcg'bc' **Zfcbh**Wt'bfU'c']b]a] [c'Ya Æ

Wt'a i a "Æ

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: YVfY'XY'7'Ya]'mAUfh]bÆ

&\$&\$'p'FY]bc'l b]Xc'p' %a]bÆ

Æ

>l GH≡ ≡75H≡5'85'7I F58CF-5Æ

v'gYa dfY'dcgg]j Y'f]f'""Æ

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G-BCDG9Æ

Bi a U'@cbXfYg'UWt'a Yh]XU'dY'c'7cfcbU'Ug'hYbg' Yg'Ygh-c'Ya'U'hU"Æ

9'i a U'a c, U'ZYfhU'Wt'a'cg'dUggU[Y]fcg'Xc'a Yhf'ž'XYhyfa]bUXU'UÆ

Wt'bgY[i]f'U[i a U'X]j Yfg-c'dUfU'YghU'bc]hY'XY'*U'ZY]fUA Æ

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G<CFH': @AG'5K 5F898' B'DF9J €I G'98H<CBGÆ

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H\YÆg\cfhgÆWcgYbÆÆUa cb[ÆchgÆZÆh\cgYÆk UfXYXÆbÆYbÆYUfgÆZÆYghj U'ÆÆ
dYfZYVh mÆYdfYgybhÆh\YÆgd]f]hÆh\UhÆi]XYgÆci fÆW fUhcfg\]d.ÆX]j Yfg]hmÆUbxÆUbxÆ
Ya d\Ug]gÆbÆUbj]a Uh]cbÆZ]`a gZÆZÆX]j YfgYÆYVWb]ei YgZÆfcXi WYXÆU`ÆfcI bXÆh\YÆ
k cf`X"Æh\YÆV fUhcfg\]dÆJ`gcÆWcgYÆcÆEY!YI \]V]hÆZ]`a gÆh\UhÆfYÆgh]`Æ YUbj]b[Z]`Æ
bck "ÆÆ

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G9DH9A 69F' &(H<Æ

7I F5HCFÆ: 7<C=79' &\$&\$p`i BF9@95G98' B'6F5N@Æ

A ch\Yf`cZ`H\Y`5]f`VmAi fUh`9mi Vc[`i Æ

&\$&\$p`i b]hYX`GhYhgp`%&N`\$`a]bÆ

Æ

7I F5HCFGÆh GH= 75H<CBÆ

6YWUi gYÆZÆh\YÆf[YbVhÆZÆh\YÆ]fYgÆ \]WÆgdFYUXÆ]cb[ÆfUn]`ÆbÆ

&\$&\$ZÆh\YÆW fUhcfg\]dÆVtbg]XYfYXÆ]hÆWi VYU`ÆhcÆYI \]V]hÆUÆZ]`a Æ

k \]W`WU`g`UhYbh]cb`hc`h\Y`g`V`YVWz`cdYb`hc`h\Y`k`c`Y`k`cf`X"Æ

Æ

G-BCDGMÆ

:`n]b[Æj YfÆh\YÆZcfYghÆcÆEY] YU`Æh\YÆYff]V`YÆX]j UghUh]cbÆWi gYXÆ

VmZ]fYg]b`h\Y`5a Uncb"Æ

Æ

69GH`G<CFH'&\$%Æ

Hf]Vi`g`VmA UfVt`g`D]a YbhY`Æ

&\$%p`6fUn]`p`%`a]bÆ

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>I FM>I GH= 75H<CBÆ

8]ZYfYbh[fci dg`YI dYf]YbW`U`XU]`miX]gdi hY`Zcf`g`fj]j U`]b`UÆ

\cg]`Y`UbX`i`bVU`UbW`X`hYff]hcfmÆ

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G-BCDGMÆ

5ÆX`W`a`YbhUfmÆVci hÆVt`bhfUghÆUbxÆVt`bhfUX]W]cbg`Æj YfmÆXUnzÆ

dYcd`YÆZfca ÆX]ZYfYbhÆ[fci dgÆUbxÆVUW_[fci bXgÆW`cgÆEYUWÆ

ch\YfYgÆ]ZYÆUbxÆYb[U[YÆ]bÆUÆk UfÆZcfÆg`fj]j U`Æ]bÆUÆ\cg]`YÆ

hYff]hcfmÆ

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G097-5@'5K 5F8 '&\$%&Æ

5'A cfb]b['Ghfc``\vmi; fUbh'CfWUfXÆ

&\$%%p'l B+H98'G+H96'p*Ñ(+a]bÆ

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>l FM>l GH≡ ⇒5H=CBÆ

: cfÆ\YÆf][]bU'ÆUbxÆdfYWjgYÆ UmÆhÆ gYgÆ i a cfÆcÆbcfhfU]hÆ\YÆ
hfUbgZcfa Uh]cbg'UbX'k cff]Yg'Wj]']nUh]cb' [cYg'h\fc i [\"Æ

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GBCDGMÆ

E i UbXcÆa Æcj U]cfei]bcÆUggUÆcfÆa UÆU']b\UÆa ÆYi ÆUggY]cÆ
a Uh]bU'žÆ]WUa cgÆUÆa U[]bUfÆi Ya ÆYf]UÆÆYfXUXY]fcÆ U'UbXfcÆ
XU'W]XUXYÄ Æ

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G097-5@'5K 5F8 '&\$%) Æ

; YfU]g\vmi5fh\i f': fUn~c' / 'H]U[c'7Ufj U'\cÆ

&\$%) p'6fUn]'p%'a]bÆ

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>l FM>l GH≡ ⇒5H=CBÆ

hÆ]gÆUÆj]gj U`mÆVYUi h]Zi `ÆUbxÆW' a ÆZ]' a žÆg\ck]b[Æg]a d`YÆ
WUfUWYfgÆk]h\ÆdU]bZi `Æghc]YgžÆVi hÆVY\]bXÆh\UhÆh\YmÆWffmÆ
ghfYb[h\ÆUbxÆ ^cmÆk \]'YÆdfYgYfj]b[Æh\YÆYbj]fcba YbhÆh\UhÆ
gj ffc i bXg'h\Ya "Æ

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GBCDGMÆ

hÆ\YÆcfh\YfbÆY[]cbÆZÆ]bUgÆ YfU]g\hUhYžÆ\YÆ]b\UV]hUbgÆfmÆ
hcÆ dXUhYÆh\Y]fÆhUX]h]cbgÆ]bÆcfXYfÆhcÆdfYgYfj YÆh\Y]fÆ]ZYgmYÆ
UbX'hYff]hcfm'Æ

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G9DH9A 69F `&* H<Æ

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G097-5@'5K 5F8`&\$%&Æ

HYWc`]gVm5bi _'CVY]XÆ

&\$%\$ p`5f[Ybh]bUp`%&a]bÆ

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>| FM>| GH≡ ⇒5H<CBÆ

: cfÆa UghYf]b[Æ\YÆYVWb]ei YÆcÆVYUHYÆYUi hmÆ g]b[ÆcVgc`YhYÆ
cV^YVhg`k Ufb]b[`i g'cZ'U'Zi hi fY'k]h`gc'a i Vx`hYVWbc`c[nñÆ

Æ

G-BCDGMÆ

CbWYÆdcbÆ]a Y""d`Ugh]VÆ UghYÆUgÆEYUWXYXÆÆc]bhÆ \YfYÆchÆ
Y] Yb`h\Y'a cgh'X]ghUbh'VYUWXYg UfY`gJZY"Æ

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69GH`G<CFH`&\$%`Æ

≠]g\` : c`_` : i fb]hi fY`VmHcbm8cbc[\ i YÆÆ

&\$%& p`≠Y`UbX`p` Æ%`a]bÆ

Æ

>| FM>| GH≡ ⇒5H<CBÆ

: cfÆ\YÆf][]bU`ÆbXÆVYUh]j YÆ UmÆVcgYbÆcÆc'fhfU]hÆ\YÆYVWV]b[Æ
dfcVWgg'i g]b[`h\Y`ghcd'a ch]cb`hYVWb]ei Y"Æ

Æ

G-BCDGMÆ

5bÆUb]a UhYXÆXcW`a YbhUfmÆUvci hÆfYdU]fÆUjXÆEYVWV]b[ÆcZÆei fU`Æ
Zi fb]hi fY`]b`≠Y`UbX"Æ

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' \$Æ

G097-5@'5k 5F8 '&\$%{ Æ

G\ UXck 'HfYY`Vm6]`i 'J]gk UbUh\Æ

&\$% '=FYdi V`]WcZHUbUjU'=%\$'a]bÆ

Æ

>| FM>| GH≡ ⇒5H<CBÆ

5`Z]'a `h\Uh'[]] Yg'\cdY`hc`gdYVWUhcfcg`g\ck]b[`Ub`]a dfcVUV`YÆ

Zf]YbXg\]d"Æ

Æ

G-BCDGMÆ

K \Yb\Ubn]VUf]ÆcmÆ]bXgÆ]g\ÆbÆ i XXmÆ UhYfzÆ\YÆXU`Yb[YÆ

cZÆ_YYd]b[Æ]hÆU`]j YÆdi g\YgÆ\]a Æ]bÆUbÆ bYI dYVWYXÆX]fYVW]cbžÆ

k \]WÆh i fbgÆci hÆhcÆVYÆh\YÆ `h]a UhYÆhYgÆcZÆ\]gÆZU]h\Æ]bÆh\YÆ

i]bj YfgY"Æ

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69GH`G<CFH`&\$%) Æ

H\Y`6UffY`Vm5bbUVY`FcXf]i YnÆ

&\$% '=i]hYX?]b[Xca žJYbYni Y`Už'8ca]b]WUb'FYd'=%%a]bÆ

Æ

>| FM>| GH≡ ⇒5H<CBÆ

: cf`h\Y`cf][]bU`]hmicZ`h\Y`YI ei]g]hY`gWYYbd`UmUbXÆ

YX]h]b[Æ\UhÆYj YU`ÆÆUfUWYfÆ]a df]gcbYXÆmÆ\YÆtbfUX]W]cbgÆ

cZÆ]YbYni Y`UÆ]j]XYXÆYhk YYbÆ\YÆ]W]bYggÆZÆ\YÆ]`žÆbXÆ\YÆ

dcj YfmicZ`U`Vt`a a i b]hm`]j]b[`U`cb[`h\Y`f]j Yf`VUb_g'Æ

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G-BCDGMÆ

H\YÆci gYgÆcZÆ]cb[cÆ]fUXcfÆfYÆvi]`hÆcbÆ]h]`hgÆcbÆ\YÆ UhYf"Æ

; fck bl`i dgÆgYÆ chcfVcUhgÆcfÆfUbgdcfhUh]cbÆbXÆ\]`XfYbÆ]ja Æ

cfÆgYÆUffY`g'ÆcCa Yh]a YgžÆW]`XfYbÆf[Ub]nYÆUffY`ÆUW]g'Æ]gÆ

8Uj]XÆci `XÆ]_YÆcÆUfh]W]dUhYžÆvi hÆYÆcYgÆchÆUj YÆÆUffY`Æ

""""`nYh"Æ

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G097-5@'5K 5F8 '&\$%{Æ

DUmUXU' DU' GUhz b' Vmi7Uf'cg'6U'gY]fcÆ

&\$% '=5f[Ybh]bU' =+N \$'a]bÆ

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>| FM>| GH≡ =75H-CBÆ

H\Y'f][cfc]ci g'bUffUh]j Y'UbX'h\Y'UYgh\Yh]WWUfY'hc']bhYfdfYh'UÆ

gYf]ci g'Ybj]fcba YbhU']gg Y"Æ

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G-BCDGMÆ

-bÆUÆei]YhÆVti bhfmÆUfYUzÆcbYÆXUmÆE\YÆUfh\ÆghUfhgÆEÆU_Y"ÆE\YÆ

; Ui V\cÆUbxÆ\]gÆk]ZYžÆgWUfYXžÆh\]b_Æh\UhÆ]hÆ]gÆGUhUbnÆVti fgY"Æ

<ck Yj Yfz']g]h'fYU`mh\Y'XYj]`h\Uh]g'WU] g]b['g' V\Yj]`3Æ

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7I F5HCF Ñ: 7<C=9''&\$% Æ

7ca d`]WhVmi; Uj]b'<cZza UbÆÆ

&\$% 'p'≠Y'UbX'p' (Ñ\$, 'a]bÆ

>| FM>| GH≡ =75H-CBÆ

: cf'fYa]bX]b['i g'h\Uh'k Y'UfY'U`'fYgdcbg]V'Yž'UW]b[Æ

cf'g]i h]b['i d"Æ

Æ

G-BCDGMÆ

5'Z]'a 'YI d'cf]b['h\Y'WtbgYei YbW'g'cZ'ci f'UW]cbg'Æ

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69GH`G<CFH`&\$%) Æ

5bhg`5dUfha Ybh`VmHcZ]e`5a Ub]Æ

&\$%(`p?i fX]ghubž`fUb`p`%\$N ,`a]bÆ

Æ

>I FM>I GH≡ ⇒5H<CBÆ

J]g] U`mÆ bi g] U`ÆUb[i U[YÆUbXÆVldhj] Uh]b[ÆX]U`c[i YgÆÆ\YÆZ]`a Æ
g] fdf]gYgÆUbXÆ\ f]`gÆ \YbÆa cj]b[Æ\YÆWJa YfUÆk UmÆUbXÆ]bÆÆ
a cfY`cdYb`d`Ub`fYj YU`g`Ub`i b]a U[]bUV`Y`YbX"Æ

Æ

GBCDGMÆ

H\]g]gÆ\YÆ]hcfmÆZÆ\ fYÆZUa]`mÆ Ya VYfg]bÆ\YÆa]XX`YÆZÆUbÆ
=Ue]ÆXgYfthÆZhfÆ\YÆZ]fghÆ i`ZÆ UfÆ%, \$!%, ,`ÆbYÆUmzÆ\YÆ
Uff]j] U`cZ`gYj YfU`dYcd`Y`k]`W`Ub[Y`h\Y]f`XYgh]b]Yg`ZcfYj Yf"Æ

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69GH`G<CFH`&\$% Æ

9I]`Y`VmFYbUhU`7`Ui gÆ

&\$%)`p`6fUn]`p`&`N`*`a]bÆ

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>I FM>I GH≡ ⇒5H<CBÆ

I bUb]a ci g`mÆY`YWYXÆZcf]hngÆ`Y[UbW`ž`ghfYb[h\ÆUbXÆf][]bU]hmÆ
H\YÆ bi g] U`Æ gYÆZÆ] W`Ad`Ugh]W`mÆcbÆ]bcbZ]W]cbAZ]`a žÆUXgÆ
W`bhfU`Æ] U`i YÆcÆ\YÆxcW`a YbhUfmzÆ]bj]h]b[Æ] gÆcÆ bXYfghUbXÆ
k \UhÆ cfXgÆVbbch"ÆhfgÆ]g]bWYfYÆUbXÆ]ck YfZi `Æ]cfhfU]hÆZÆk cÆ
`UX]YgÆUbXÆh\Y]fÆbUhi fYžÆbUffUhyXžÆUhÆ`UghžÆh\ fci [\Æh\YÆ
gYbg]V]]hmcZ`Ubch\Yf`k ca Ubž`h\Y`X]fYW`cf`FYbUhU`7`Ui g`Æ

Æ

GBCDGMÆ

Hk c`c`X`UX]Yg`bUh]j Yg`cZ`h\Y`]g`UbX`cZ`**HUhi cWj**]g]h`YUW`ch\YfÆ
UbX`X]g]W`gg`\ck`cbY`k Ug`X]gd`UW`X`Zfca`h\Y`j]`U[Y`Xi`Y`hcÆ
k UhYf`f]g]b[`UbX`W]a UhY`W`Ub[Y"Æ

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G9DH9A 69F ' \$H<Æ
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7I F5HCFÑ6'7<C=79'&\$&\$'p'&'l BF9@95G98': =@A GÆ
Æ

=XcbÑh'gYY'UbmVcfXYfgž'Xc'mci 3'vmDUf\Ua'f5']L'A Ub]UbÆÆ

Æ
&\$&\$'p'gUa]WFYdi V']WcZ=fUb'p'&Ñ)' 'a]bÆ

Æ

7I F5HCFGÑ>l GH= =75H-CBÆ
6YWJi gYž'UZñYf'U'ž'k Y'UFY']b'ZUWñVtbbYVWYX'UbXÆ
]bhYfXYdYbXYbh"Æ

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G-BCDGMÆ

A cghÆZÆh\YÆ]a YÆK YÆZcf[YhÆU'ÆZÆ gÆUfYÆg\UFYXÆ]bÆh\YÆK cfXÆ
Èxi a UbÑZÆY[UFX'YggÆZÆi fÆZti bhf]YgÆbXÆU]cbU'h]Yg'Æ]h\Æh\YÆ
UXj YbhÆZÆh\YÆZcfcbUj]fi gžÆ'ÆU]cbgÆU'XÆc'h]V]UbgÆfUXi U'mÆ
Zci bXÆh\Ya gY'j YgÆcbÆUÆVtæ a cbÆZfcbhÆU[U]bghÆh\YÆVtæ a cbÆ
YbYa m'Æ

Æ

: Yj Yf'vm7'Ya]mAUfh]bÆÆ

&\$&\$'p'l b]hYX'?]b[Xca'p%'a]bÆ

Æ

7I F5HCFGÑ>l GH= =75H-CBÆ

hÑg'U'k Ung'VYgh'hc''Ui [\Æ

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G-BCDGMÆ

HYbg]cbg'UfY'Uh'Ub'U'h]a Y'\[\']b'Ub'UdcWU'mdh]VZÆ

7cfcbU]ghf]W_Yb'@cbXcb'Ug'cbY'i ghZi ''UXmZ]fhg'\Yf'k UmÆ

h\fc i [\dUggYb[Yfg'cb'h\Y'Hi VYž'XYhYfa]bYX'hc'd]b'Xck b'gca YÆ

: f]XUmb][\h'Zi b"Æ

Æ

Æ

9EI #D9: @A 5A 6-9BH9'p': @A 5A 6-9BH9Nt'H95A '&\$\$&A

A

8F9uEC: 9F5@'9'7I F58CF-5'p'8F97HCF/'7I F5HCF

G N5B5'5A58C

A

DfC8I uEC'9L97I H#5'9'7I F58CF-5'p'9L97I H#9'DfC8I 79F/'7I F5HCF

A

J 5@vF-5'6I F?9

A

98uEC'!'DfC; F5A5uEC'9'J #B<9H5'p'98#HCF'!'DfC; F5A/'H95G9F

A A

F 5E1 9@'7CI HC

A

9GHFI HI F5'Hv7B-75'9'Hf5BGA #G#9G'CB@B9'p'H97<'GHFI 7HI F9/'CB@B9'Hf5BGA #G#CBG

>vG-75'@ 7M: 5F-5G'9'A 5F79@C'D59G'89'75FJ5@<C

A

5GG-ghA7-5'89'DfC8I uEC'p'DfC8I 7H#B'5GG-gh5BH

A

A

>5B5#5'6F5G-

A

8#I @ 5uEC'p'7CAAI B-75H#B

A A

H<5H<='6CFF9@'; I F; 9@

A

G9FJ #CG'89'579GG-6-@8589'p'5779GG-6-#MIG9FJ-79G

A A

5@@'8I 66-B; A

A

7CBH56-@8589'p'577CI BH#; A

A

8-5G'5GG9GGCF-5'7CBH#6-@

A

A

A

A

5DC-€'p'K #<'H<9'G DDCFH'C: A

@9=89' #79BH#C'Ç'7I @HI F5A

75B5@'7CAI B-75uEC'9'7I @HI F5A

A

D5HfC7#-€'p'GdCBGCF98'6M

9B; 9A

A

F95@N5uEC'p'DfC8I 798'6M

A

A

5A58C'5FH9/'DfC8I uEC

A G97F9H5F-5'9GD97-5@'85'7I @HI F5Z'A #B-GHVF-€'8C'HI F-GAC

; CJ9FBC': 989F5@

')A