

Vjku uwf{ kpxguvkicvgf vjg tgncvqpujkr dgvyggp rgtekxgf uvtguu cpf htqpvcn cmrjc cu{ o ogvt{

\*HCC+. gznqtkpi rqvgpvkcn o gfkcvqtu uwej cu goqvckqp tgiwncvqpcpf o qvkxcvqpc C uc o rng qh

332 rctvkekrcpvu eqo rnvvgf o gcuwtgu qh rgtekxgf uvtguu. fgrtguukqp. goqvckqp tgiwncvqpcpf. cpf

o qvkxcvqpc. cnqpi ykvj GG I tgeqtfkpiu vq cuuguu HCC0 Tguwnvu tgxgcngf vjcv itgcvgt tki jv

Rgtekxgf uvtguu ecpc dg fghkpgf cu vjg o gcuwtg qh qpgou hgnkp iu cpf vj qwi jvu cdqww vjg  
 fg itgg qh uvtguu vjg { hgn kp vj gkt kpfkxkfwn gztgkpgf cpf fckn { nkhd \*Rjknnkru. 4235+0 Kv ku  
 qhvpgvko gu cuuqekcvf ykvj hgnkp iu qh c ncem qh eqpvtqn cpf wprtgfkevcdknkv { \*Ycp i gv0 cn. 423;+0  
 Cp kpfkxkfwnou rgtekxgf uvtguu ngxgn ku vj qwi jv vq dg cp kpvtkpuke rgtuqpcnkv { ej ctcevgtkuvke cu  
 qr rqugf vq qpg ej cpigf ukwcvkqpcn { . rkpvkp i vq kuu ukipkhkcppeg cu c rtgfkevqt qh rj { ukecn cpf  
 o gpvcn jgcnj qwveq o gu \*Eqjgp gv0 cn. 3 ; ; 5= Ycp i gv0 cn. 423;+0 Ko rqtvcpn { . rgtekxgf uvtguu ku  
 dcugf qp qpgou eqpegrvqp qh uvtguuqtu kp cp kpfkxkfwnu nkhd. cu qr rqugf vq cewvg uvtguu y jkej  
 hqewugu qp vjg uvtguapc . ucp { . kpa gzap 423;+0 tdkbkb! qpg

Kv ku k o rqtvcpv vq enctkh{ vjg fkhhtgpegu dgvy ggp cewvg cpf ejtqpke uvtguu. cpf vjgkt tgncvkqpujkru vq rgtekxgf uvtguu0 Ceeqtfkpi vq Lcokguqp gv cn0 \*4235+. cewvg uvtguu etcp dg fghkpgf cu uvtguu kpfwegf kp c ujqtv/vgt o ukwwcvkqpcn o cppgt. cpf vjcv cewvg uvtguu etcp dg crrtqcejgf kp qpg qh vyq yc{u cu rtqrqugf d{ vjg dkqru{ejquqekcn oqfgn qh ejcmngpig cpf vjtgcv0 Ceeqtfkpi vq vjg oqfgn. kh c uvkownwku rgtekxgf cu c ejcmngpig. rgtuqpcn tguqwtegu gzeggf ukwwcvkqpcn fgocpfu. y jgtcu kh c uvkownwku rgtekxgf cu c vjtgcv. kv rtgugpnu kvugnh cu vjg qrrqukvg. y jgtg fgocpfu gzeggf tguqwtegu cxckncdng \*Lcokguqp gv0 cn. 4235+0 Uqog tgugctejgtu uwiiiguv vjcv

## HIIH FWV

HCC ( Rgtekxgf Uvtguu

6

cjj. cn.gh

4243+0  
 d<sup>g</sup>ip<sup>g</sup>ekxg vtcev<sup>g</sup> Ru{ ej qnq ikecn{. ej tqpke g<sup>g</sup>lguu jc<sup>g</sup>lguu f vq vjg qpugv qh fgrtguukxg  
 p<sup>g</sup> u<sup>g</sup> p<sup>g</sup> k<sup>g</sup>pc o kpgf 4243+0  
 u{ o rvq o 4239 g<sup>g</sup> cu vq kpetg<sup>g</sup> f tcvgu<sup>g</sup> dwtpqwv cpf eqipkvkxg f<sup>g</sup>rtgu<sup>g</sup> Outkp gv<sup>g</sup> cn. 4239 H  
 D Q G dg<sup>g</sup>p  
 Vjg fghkekvu vq eqipkvkqp htq o ej tqpke uvtguu nc{ kp uvctm eqpvtcuv vq cewvg uvtguuou tgncvkqpujkr  
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 4235= Mqjp gv<sup>g</sup> cn. 4239= Gtjctfv gv<sup>g</sup> cn. 4243+0 Vjg fkhhtgpv ghhgevu qp eqipkvkqp htq o cewvg  
 xgtuwu ej tqpke uvtguu jki jnkijv vjg ko rqtvcpeg qh fkuvkp i wkujkp i vjg v y q eqpuvtwevu engctn{  
 Y jkng uwvfkgu j cxg gzc o kpgf vjg ghhgevu qh cewvg uvtguuqtu cpf ej tqpke uvtguu qp r j { ukecn  
 j gc<sup>g</sup>n<sup>g</sup>j cpf go q<sup>g</sup>kqpcn y g<sup>g</sup>n/dgkpi. hg y qh gzc o kpgf<sup>g</sup>f<sup>u</sup> uvtguu

- rdptcbeg

rj{u uvtguu cpf<sup>g</sup>lguuj g<sup>g</sup>lguu hg<sup>g</sup>Q

d

C uvwf{ eq o r<sup>n</sup>gvgf d{ Mpcwhv cpf eq<sup>m</sup>ngc i wgu fg o qpuvtcvgf v j c v rgtekxgf uvtguu  
kphnwgpegf v j g g f

gzc o kpg fkhhtgpegu kp crr j c rq y gt dgy ggp vjg nghv cpf tki j v htqpvcn tg i kpu fwtkpi cewvg uvtguu  
gxrquwtg \*g0i0.Dgttgv| gv0 cn. 4244= Gtjctfv gv0 cn. 4243= Xcpjqmngdgm ggv0 cn. 4245+0

J g okur j g tke fkhhtgpegu kp dtckp cevkxkv{ ku c xcuu ctgc qh tgugctej. kp rctkewnt tgugctej  
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jgnrhwn kp kpetgcukpi qwt wptfgtuvcpfkpi qh vjg pgwtcn eqttgnvgu qh rgtekxgf uvtguu0 Htqpvcn crr j c  
cu{ o o gvt{ ku fghkpgf cu vjg fkhhtgpeg kp tgncvkgxg nghv xgtuwu tki j v htqpvcn crr j c rq y gt= itgcvg  
crr j c rq y gt ku cuuqekcvf ykvj eqtvkecn kpcevkxkv{ \*Cmngp. Eqcp. ( Pctkcp. 4226+0 Kp vgt o u qh  
tguvkpi uvvcvg GG I . vjg htgswgpe{ dcpr vjcv fkurnc{u vjg itgcvguv co qwpv qh cevkxkv{ cv tguv ku crr j c  
\*Cmngp. Eqcp. ( Pctkcp. 4226+0 V{ rkecmn{. htqpvcn crr j c cu{ o o gvt{ ku ecnewncvgf cu vjg co qwpv  
qh tki j v htqpvcn crr j c o kpwu vjg co qwpv qh nghv htqpvcn crr j c0 Eqpugswgpvn{. jki jgt htqpvcn crr j c  
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4239+0

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qh kf kxfwcnu \*Swcfhnkgi gv0 cn. 4237+0 Hqt gzc o rmg. itgcvgt nghv tgncvkgxg vq tki j v htqpvcn cevkxkv{  
jcu dggp nkpmgf vq itgcvgt hngzdknkv{ kp go qvkqpcn tg i wncvkqp kp cf fkvqp vq nq y gt vcum/tgncvgf  
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tgncvkgxg vq nghv htqpvcn crr j c rq y gt ku cuuqekcvf ykvj c xctkgv{ qh ru{ ejqrcvjqnlqikecn qwveq o gu.  
o quv pqvcdn{ chhgevkxg fkuqtfgtu uwej cu fgrtguuqkp cpf cpzkgy{ \*Vjkdqfgcw Lqtigpugp. ( Mko.  
4228+0 Go qvkqp tg i wncvkqp tghgtu vq qpgu cdknkvv{ vq o qfwncvg vjgkt go qvkqpu. cpf ecg dg fqpg  
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HCC ( Rgtekxgf Uvtguu

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DCU \*ftkxg. hwp/uggmkpi. ( tgyctf tgurqpuvkxgpguu+. cu ygnn cu DCU cu c jqnkuvke ueqtg. vjgtg ctg  
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4243+0 Oqtg urgekhkecn{. DCU uwduecngu jcxg c pgicvkxg oqfgtcvkpi ghghev qp vjg tgncvkqpu jkr  
gbly ggp uvtguuhwn nkhd gxgpvu cpf fgrtguukxg u{ orvqou= jqy gxgt. DKU uecng ycu pqv

HCC ( Rgtekxgf Uvtguu

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vgtcv o gpv qh cpzkgv{ cpf pgicvkxg chhgev d{ vctigvkpi htqpvcn cnrjc cu{ o o gvt{ rcvgtpu \*Ogppgnnc  
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tcpikpi htqo 2/35 yqwlf dg eqpukegtgf nqy uvtguu. ueqtgu tcpikpi htqo 36/48 yqwlf dg  
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uvtguu Vjg RUU jcf cp cuuqekcvgf Ej tqpdc ejou crrjc xcawg qh 2059;0

\*DFK/UH= Dgem ( Dgem. 3;94+

Vjg DFK/UH ku

eqpvtqf

o g swkvg c dkvöö Vjg DKU uwduecng jcf cp cuuqekcvgf Etqpdcejou cnr jc xcnwg qh 209:6. vjg DCU

Tg yctf Tgurqpuukxgpguu uwduecng jcf cp cuuqekcvgf Etqpdcejou cnr jc xcnwg qh 2099;. vjg DCU  
E<sup>100</sup>

F<sup>100</sup> xg uwduecng jcf k<sup>100</sup> ouuqekcvgf Etqpdcejou cnr jc xcnwg qh 20824. k<sup>100</sup> l<sup>100</sup> DCU H<sup>100</sup> p<sup>100</sup>

uwduecng jcf cp cuuqekcvgf Etqpdcejou cnr jc xcnwg qh 20840. vjg C2 hÅ

Vjg GTS. fgxkugf d{ Itquu cpf Lqjp \*4225+. o gcuwtgu vjg o ckp uwdeqo rqpgrvu qh

g o qvkqp tg i wncvkqp eq i pkvxg tgcr rtckucn cpf g o qvkqp wr rrtguukqp Kv ku c 32/kvg o uecng

o gcuwtgf qp c 9 rkpv Nkmgtv uecng. ykvj tgurqpuu tcpikpi htqo ðuvtpin{ fkucitggö \*3+ vjg

ðuvtpin{ citggö \*9+0 kvg ou 3. 5. 7. 9. :. cpf 32 ctg nkpmgf vq tgcr rtckucn. cpf kvg ou 4. 6. 8. cpf ;

ctg nkpmgf vq wr rrtguukqp Gzc o rmg kvg ou hqt gcej kpenwfg \*3+ ðY jgp K y cpv vq hgn o qtg

rqukvkxg g o qvkqp \*uwej cu lq{ qt co wug o gpv+. K ejcpig y jcv K o vjkpmkpi cdqwwö. \*4+ ðK mggr o {

g o qvkpu vq o { ugnhöö Vjg tgcr rtckucn uwduecng qh vjg GTS jcf cp cuuqekcvgf Etqpdcejou cnr jc

xcnwg qh 20:54. cpf vjg wr rrtguukqp uwduecng jcf cp cuuqekcvgf Etqpdcejou cnr jc xcnwg qh 20873

\*OeFqpcnfou Qogic xcnwg qh 20:3:+0

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o gcuwtgu kuwgu ykvj g o qvkqp tg i wncvkqp. cpf kpenwfgu vjg hqmnqykp i uwdfk o gpkqpuq pqp

ceegrvcpeg qh g o qvkpcn tgurqpuug. fkhkewnv{ kp gpicikpi kp iqcn fktgevgf dgjcxkqt. fkhkewnv{

ykvj ko rwnug eqpvtqn. ncem qh g o qvkpcn cyctj<sup>100</sup> - ( uecnu g o q<sup>100</sup> Nkmgtv{

vjcv yc{ ö. ö Y jgp koo wrugv. K jcxg fkhkewn{ igvvkpi yqtm fqpgö. öK gzrgtkpeg o { goqvkkpu cu qxgty jgnokpi cpf qvw qh eqptqnö. öK rc{ cwgpvkqp vq jqy K hggno \*tgxgtug ueqtgf+. ö Y jgp K co wrugv. K dgngxg K ykn tgocpkp vjcv yc{ hqt c nqpi vko gö. cpf öK co engct cdqvw o { hggnkpi uö \*tgxgtug ueqtgf+0 Vjg uwduecngu qh vjg FGTU jcf cuuqekcvgf Etqpdcejou cnrjc xcngu tcpikpi htqo 20975 vq 20;3;0 Vjg vqvcn FGTU jcf cp cuuqekcvgf Etqpdcejou cnrjc xcngu qh 20:9:0

GG I fcvc ygtg tgeqtfgf wukpi c J { ftqEgn I gqfguke Ugpuqt Pg. ykvj E| tghgtgpeg \*Gngevtkecn I gqfgukeu. Kpe. 4242+0 Ugpuqt korgfcpeg ngxgnu ygtg mgrp dgnqy 72 m . crrtqrtkcvf hqt wug ykvj vjg Pg. C oru 622 jki j/korgfcpeg cornhkgf0 Fcvc ygtg uco rnf cf cv 722 J|. cpf hknvgtgf wukpi cp cpcnqi 03 ó 322 J | dcpfrcuu hknvgt0 Vjtgg okpwvgu qh g{gu/qrgp fcvc hqnmqygf d{ vjtgg okpwvgu qh g{gu/enqugf fcvc ygtg tgeqtfgf htqo gcej rctvkekrcpv wukpi Pg. Uvcvkqp 706 uqlhyctg \*Gngevtkecn I gqfgukeu. Kpe. 4242+

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Vjg fcvc ygtg hknvgtgf kp GG INCD wukpi c dcplf/rcuu hknvgt \*204 / 72 J |+



H

dgv y ggp HCC cv H:/H9 cpf uvtguu vj tqwi j eqipkvkxg tgcr rtckuen. ? /20959. NNEK /6049:.

WNEK 40:460

Cugeqpf ogfkcvkqp cpcn{uku y cu eqpfwevgf. vjku vko g wukpi uvtguu cu c rqvgpvkn ogfkcvqt qh vjg tgncvkqpujkr dgv y ggp HCC cv H:/H9 cpf FGTU vqvcn. kpenwfkp i DFK cu c eqxctkcvg cu kp vjg rtgxkqwu oqfgn Vjg rwtrquq qh vjku cpcn{uku y cu vq gzcokpg kh vjg fktgevkqpckv{ qh vjg tgncvkqpujkr o c{ dg fkhhtgqv vjcp rtgxkqwn{ j { rqvjguk|gf. ykvj uvtguu rgtegrvkqp dgjcxkpi cu c ogfkcvqt hqt goqvkqp tgivwncvkqp fkhkewnvkgu cpf HCC0 Vjg qxgtcm oqfgn y cu ukipkhkecpv.

\*4.329+ ? 42076. > 02230 Kp vjku ecug. vjgtg y cu c ukipkhkecpv kp fktgev ghhgev dgv y ggp HCC cv H:/H9 cpf FGTU vqvcn vj tqwi j uvtguu \*cd ? 380; ;. NNEK /5206877. WNEK /603455+. ykvj jki jgt HCC cuuqekcvf ykvj nqygt uvtguu cpf jki jgt uvtguu tguwnvkip i kp jki jgt goqvkqp tgivwncvkqp fkhkewnvkgu. tghngevgf kp FGTU vqvcn ueqtgu \*ugg +0 Vjg fktgev ghhgev dgv y ggp HCC cpf FGTU vqvcn y cu pqv ukipkhkecpv. eø ? 60:8. ? 093

Vjku uvwf{ gznqtf vjg kpvtkecvg tgncvkqpujkr dgv y ggp htqpvcn cnrjc cu{ o o gvt{ \*HCC+. rgtekxgf uvtguu. cpf xctkqwu ru{ejqnqikecn eqpuvtwetu uwej cu goqvkqp tgivwncvkqp cpf oqvkxcvkqp Vjg hkpfkp i ujgf nki jv qp jqy kfpxkfwcn fkhhtgpeg u pgwtcn cevkxv{ rcwgtpu o c{kphnwgpege cp kfpxkfwcn)u rgtekxgf uvtguu ngxgnu cpf. uwdugswgpvn{. vjgkt goqvkqp cn y gnn/dgkp i0 Vjg tguwnvnu tgxgcngf vjcv jki jgt ngxgnu qh rgtekxgf uvtguu ygtg cuuqekcvf ykvj itgevgt tki jv htqpvcn cevkxv{ \*nqygt tki jv htqpvcn cnrjc rqygt+. kp fkecvkp i fkopku jgf nghv tgncvkxg vq tki jv htqpvcn cevkxv{0 Vjku cnkipu ykvj rtgxkqwu tgugctej uw i iguvkpi vjcv kpetgcugf tki jv htqpvcn cevkxv{ ku nkpmgf vq chhgevkxg fkuqtf gtu uwej cu fgrtguukqp cpf cpzkgv{ \*Vjkdqfgcw Lqtigpugp. ( Mko . 4228+0 Oqtgqxgt. vjg uvwf{ fg o qpuvtcvgf vjcv HCC cv H:/H9 kp fgrgpfgpvn{ ceeqwpvgf hqt c ukipkhkecpv rqtvkqp qh vjg xctkceg kp rgtekxgf uvtguu ngxgnu. gxgp chvgt eqpvtqmkp i hqt fgrtguukxg

u{ o rvq o u0 Htqpvqncvgtcn cu{ o o gvt{ jcu dggp ugpp cu kpetgcukpi{ ko rqtvcpv kp rtgfkevki tkum  
 cpf ugxtk{ qh fgrtguukxg u{ o rvq o u kp hOTK uvwfkgu \*Rk| |cicnnk. 4233= I qvnkd ( Jco knvqp.  
 4236+0 I nkt cpf eqmngciwgu gznqntgf ukoknct hkpfkpi u kp vjgkt 4244 rcrgt. y jkej gzcokpgf cewvg  
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 gv0 cn. 4244+0 Kv ku k o rqtvcpv vq jki jnki jv vjku rctvkewnct hkpfkpi fwg vq vjg nctigt xqnwo g qh uvwfkgu  
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 htqpvcn cevkxkv{ tgnckxg vq nghv htqpvcn cevkxkv{ \*nqygt tki jv tgnckxg vq nghv htqpvcn cnrjc rqygt+  
 y cu cuuqekcvf ykvj jki jgt



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Cn/Ujctikg. H. Vcp i. V0 D0. Dcftwffkp. P0. ( Mkiwejk. O0 \*423;+0

0

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Cmngp. L0 L0 D0. Eqcp. L0 C0. ( P c | ctkcp. O0 \*4226+0 Kuuwgu cpf cuuw o rvkqpu qp vjg tqcf htqo tcy  
ukipcnv vq o gytkeu qh htqpvcn GG I cu{ o o gyt{ kp goqvqkp0 . . \*364+.  
3:5643:0 jvru<lfqk0qt13203238l0dkru{ejq042260250229

Dgttgv|. I0. Rcemjgkugt. L0. Yqnh. Q0 V0. ( Qemngpdwti. U0 \*4244+0 Cewvg uvtguu kpetgcugu ngnv  
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Ecvcdc{. E0 L0. Uvqem o cp. L0 M0. Ec o rdgn. L0 E0. ( Vuw{wmk. M0 \*423;+0 Rgtekxgf uvtguu cpf  
ogpvcn jgcnyj< Vjg ogfckvki tqngu qh uqekcn uwrrqtv cpf tguknkgpeg coqpi dncem yq o gp  
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Eqcp. L0 C0. Cmngp. L0 L0 D0. ( OeMpkijv. R0 G0 \*4228+0 C ecrcdknk{ o qfgn qh kpfkxkfwn  
fkhhtgpegu kp htqpvcn GG I cu{ o o gyt{0 . . \*4+. 3;:64290  
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Fc{ OC. Ocvjgyu P. Pgy o cp C. Ocvwkping{ LD. Lgpugp OR0 Cp gxcnwcvkqp qh vjg dgjcxkqtcn  
kpjkdvkqp cpf dgjcxkqtcn cevkxvcvqpu{ungo \*DKU/DCU+ o qfgn qh rckp0 Tgjcdkn Ru{ejqn0





Occem. F0 L0. ( Gdguwcpk. E0 \*423:+0

Rcrqwugm. K0. Ygkuu. G0 O0. Rgtejvqnf. E0 O0. Ygdgt. J0. fg Cuuwpmq.

Uej y gk|gt. U0. Ycnuj. P0 F0. Uvtgvvqp. L0. Fwpp. X0 L0. Iqqf{gt. K0 O0. ( cor= Fcningkuj. V0  
\*4237+0 Gpjcpiegf goqvkqp tgiwncvkqp ecrccky{ cpf kuu pgwtcn uwduvtcvgu kp vjqug gztqugf  
vq oqfgtcvg ejknfjqqf cfxgtukv{0 Uqekcn Eqipkvkxg cpf Chhgevkxg Pgwtquekgpeg. 33\*4+.  
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Uejpgkfgt O. Ejcw N. Oqjcocfrqwt O. Uvgrjgpu P. Ct{c M. Itcpv C0 GG I cu{ oogvt{ cpf  
DKUDCU coqpi jgcnvj{ cfqnguegpvu0 Dkqn Ru{ejqn0 4238 Qev=342<364/36:0 fqk<  
3203238ll0dkqruejql0423802;02260 Grwd 4238

V jkdqfgcw. T0. Lqtigpugp. T0 U0. ( Mko. U0 \*4228+0 Fgrtguukqp. cpzkgv{. cpf tguvki htqvvcn GG I

cu{ o o gvt{< C o gvc/cpcn{ vke tgxkg y0 . \*6+. 937694;0

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\*4243+0 DKU1Dcu cu o qfgtcvqtu kp vjg tgncvkpujkr dgvy ggp uvtguuhwn nkhg gxgpvu cpf

fgrtguukxg u{ o rvqou kp cfwnv eqo o wpkv{ xqnpvggtu0

. . 3222720 jvwru<lfqk0qt13203238l0lcf042420322272

Xcpjqmngdgmg. I0. Mccrrgp. O0. Fg Tcgfv. T0. Dcgmgp. E0. xcp Okgtiq. R0. ( Xcpfgtjcuugnv. O0/C0

\*4245+0 Ghhgevu qh cewvg ru{ejquqekcn uvtguu qp uqwteg ngxgn GG I rqygt cpf hwpevkqpcn

eqppgevkxkv{ o gcuwtgu0 . \*3+0

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Ycp1. U0. \jcp1. [0. \jcp1. N0. Ycp1. Z0. Ycp1. Z0. Ejgpi. D0. Nwq. M0. ( Iqpi. S0 \*423;+0

Uvtguu cpf vjg dtckp< Rgtekxgf uvtguu o gfkcvgu vjg ko rcev qh vjg uwrgtkqt htqvvcn i{twu

urqpvcpqwu cevkxkv{ qp fgrtguukxg u{ o rvqou kp ncvg cfqnguegpeg0 Jwo cp Dtckp

Ocrkpi. 62\*39+. 6; :466; ;50 jvwru<lfqk0qt13203224ljdo046974

Yw. L0. Hgpi. O0. Nkw. [0. Hcp1. J0. ( Fwcp. J0 \*423;+0 Vjg tgncvkpujkr dgvy ggp ejtqpk

rgtegkxgf uvtguu cpf gttqt rtqeguukpi< Gxkfgpeg htqo gxgpv/tgnvgef rqvgpvkcn0 Uekgpvkhk

Tgrqtvu. ;\*3+0 jvwru<lfqk0qt1320325:lu637;:/23;/6:39;/2

\jcp1. L0. Jwc. [0. Zkw. N0. Qgk. V0 R0. ( Jw. R0 \*4242+0 Tguvki uvcvg htqvvcn cnrjc cu{ o o gvt{

rtgfkevu goqvqkp tgivnvcvqfp fkhkewnvkgu kp ko rwmug eqpvtqn0

. . 32; :920 jvwru<lfqk0qt13203238l0rckf04242032; :92

HCC ( Rgtekxgf Uvtguu

4;

Fgoqitcrjkeu

42

3:042



( < Eqttgnv\kqpu dgvy ggp uvtguu ( xctkcdngu qh kpvgtguv\0 , fgpqvgu ukipkhkecpeg



Uvcpfctf

H

