

Abstract:

1. Introduction

LHG"Uvgn"jcu"eqpvtkdwvf"vq"vjg"cfxcpeg o gpv"qh"xctk/
qwu" kpfwvutkgu." dgikppkpi" ykvj" vjg" rgy fgt" o gvcnwti {"
kpfwvut{." cu" vjg" qpn{" fkgxtukhkgf" ktqp" rgy fgt" o cmgt" kp"
Lcrp" yjkej" rtqfwegu" dqvj" tgfwegf" ktqp" rgy fgt" cpf"
cvqok|gf"uvgn"rgy fgt³0

Tgfwegf" ktqp" rgy fgt" ku" rtqfwegf" d{" c" rtqeguu" kp"
yjkej" ktqp" qzkfg" *oknn" { b m nn" { b m "we \$

eg w_cvm g"* f"vjkej fk ktqp" rq ggt" gtjkej" fl

rctvu." y jgtg"RO" ocejkgp" rctvu" ctg" wugf" kp" u{pej tqpk |gt"
jwdu." rncpgvct{ " igctu" cpf" vjg" nkmg0" Kv" ku" vj qwi jv" vj cv" eqp/
uw o rvkqp" qh" RO" ocejkgp" rctvu" jcu" vgpfgf" vq" fgetgcug"
fwg" vq" vjg" kpetgcug" kp" j { dtkf" xgjkengu" cpf" gpikpg" fqyp/
uk |kpi" qh" tgegpv" { gctu0" Kp" vjg" hwwtg." cr rnkcevqp" qh" RO"
vgejpqqi { " vq" rctvu" qvjgt" vjcp" ogejcpkecn" rctvu." dgikp/
pkpi" ykvj" oqvqtu." ku" uvtqpin { " fguktgf0

Vjg" hqtgecuv" qh" inqdcn" xgjkeng" rtqfwewkqp" ku" ujqyp" kp"
Fig. 40" Cu" kpetgcugf" rtqfwewkqp" qh" xgjkengu" ku" cnuq" hqtg/
uggp" kp" vjg" hwwtg." egpvgtkpi" qp" Cukc" uwej" cu" Ejkc."
Kpfkc." gve0." kpetgcugf" fgocpf" hqt" ktqp" rqy fgt" hqt" cwwq/
oqvkg" RO" ocejkgp" rctvu" qp" vjg" inqdcn" uecng" ku"
gzrgevfg0

2.2 Non-PM Fields of Use

Qpg" qh" pqp/RO" hkgnfu" qh" wug" hqt" ktqp" rqy fgt" ku" rtqf/
wewu" kp" yjkej" cwgpvkqp" ku" hqewugf" qp" vjg" tgcevkv { " qh"
ktqp" rqy fgt0" Cu" tgrtgugpvcvkg" gzc o rngu." dqf { " ycto gtu"
yjkej qf rp cqzcg g gckq"
ykfgt" ku" x ` " rkrzqq qt j â O x) kq # p" e j" cw b hqt r qp" b z) kq (qx) ti j â "ug
y

rqy fgt."cpf"tgcnk|gf"vgpukng"uvtgpi vj"gswn"vq"vjcv"qh"
6 'Pk"cnq{gf"uvgn"rqy fgt" d{" vjg"ghhgevu"qh"Oq."
y jkej"jcu"cnctig"onvkrn{kpi"ncevt"ht"uvgn"jctfgp/
cdknkv{"cpf"Ew."y jkej"ognvu"fwtkpi"ukpvgtkpi"cpf"
uvtgpi vjggu"rctvkeng"eqpcev"rctvu"*pgem"rctvu+³:+0

öLKR"HO3522.ö"y jkej"gpcedngu"vgpukng"uvtgpi vj"qh"
3"522"ORc"d{"rgthqtokpi"ectdwtk|kpi"chvgt"jkij"vgo/
rgtcvwtg"ukpvgtkpi."ku"c"Engcpokz"rtqfwew"kp"y jkej"
itcrjkvg"rqy fgt"ku"okzgf"ykvj"vjg"Oq"j{dtkf"cnq{gf"
uvgn"rqy fgt"öLKR"CJ67370"ö"fwtkpi"ukpvgtkpi."vjg"
Oq/tkej"tgikqp"htou"cp" rjcug."y jkej"jcu"cnctig"
ocuu"fkhhwukqp"tcvg0"Cu"cnctig"tguwnv."pgem"rctvu"itqy"cpf"
ctg"uvtgpi vjgpgf."cpf"ukonvcpqgwun{"ykvj"vjku."
urjgtqkfk|kpi"cpf"tghkpgogpv"qh"rtgu"ctg"rtqoqvgf."
tguwnvki"kp"ukpvgtgf"p ' "ukpkt"tgk ' "i "ukpq

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- 37+ Qpq." Vqoqujki g=" Q|cmk." [wmkmq0" LHG" Vgejpkcn" Tgrqt0" 4233."pq0"38."r0"9: 6: 40
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