



Kh^_j`Zg:b_

1. <_^_gb_ 4
2. GZagZq_gb_ 4
3. L_ogbq_kodZjZdl_jbklbdb 4
4. KhklZla^_ebye_f_ghuijZ\e_gby 8
5. MkljhcklbnjZ[hllZa^_eby 10
6. Kj_^kl\Zaf_j_gbpg^bdZ,ptbqkljmf_lgl
ijbgZ^e_`ghklb 13
7. FZjdbjh\dZ 14
8. MiZdh\dZ 14
9. L_ogbq_khdlkem`b\ZDhgk_j\Zpby 15
10. H[_ki_q_gp_[h\ZgbcahiZkghklb 20
11. Lj_[h\ZgbljZgkihjlbjh\ddojZg_gbx 23
12. Dhfie_dlghklv 24
13. =ZjZglbcghlyazl_evkl\Z 24
14. ?^bgZkym`[lZ_ogbq_kidh^_j`db 27

1. <_^_gb_

Dhgkljmdpbyj_ju\gh^hjZ[Zlu\Z_lkhwlfmjbh[j-
l_ggh\Zfbba^_ebfh`_lhlebqZlvkyhibku\Z_fh]h
^ZgghiZkihjl_

<gbfZgb_ Ba^_eb_y\ey_lkybklhqgbdhifh\ur_gghc
ih`ZjhhiZkghklb\aju\hhiZkghklbwe_dljhhiZkghklb
Dhfi_e_dkgu_gh_l_ogbq_kd[kem`b\Zgbj_fhgl\
h[t_f_ ij_\urZxs_fi_j_qbke_gg^Zggufmdh\h^kl\hf
hi_jZp,bb^he`gu ijhba\h^blvkyd\Zebnbpbjh\Zgguf
i_jkhgZehfZki_pbZebabjh\Zig_guigbylb.yMklZgh\dZ
wdkiemZlZpby[oh^bfh_ogbq_kd[kem`b\Zgb^_eby
ijhba\h^blkiyevah\Zl_ebf^himkdZ_llhyevdihke_
bamq_gmvdh\h^kilhwdkiemZl.Zpbb

Hkh[h_gbfZgbke_^m_rh^_eblyZa^_emh[_ki_q_gb_
lj_[h\Zgb[c_ahiZkgh]klb

2. GZagZq_gb_

l_j_ghkgZyZjm`gZyg_jZlhjgZyklZgh\djZ\h^bfZy
^b`_gb_ihrg_\uf^b]Zl_e_fgmlj_gg_kjhjZgb(x
^Zevg_crba^_ebf_gm:lkyg_jZ)hijj^gZagZq^gyZ
Z\lhghfgh]me_dljhkgZ[`_gbiy\lhjgbdjZldh\j_f_gghf
j_`bf_ihlj_[bl_e_[ulh\h]hb ZgZeh]bqgghZagZq_gb_y
hlghkysbokq deZkkmi_j_ghkguowe_dljhijb_fgbdh\
Bkihevah\Zgbg_jZlhjZijhba\h^kl_ggu_ey^ey
we_dljhiblZgbZypbhgZjgw_oe_dljhmklZghZlh_dhjbq_kdb
aZij_s_.gh

3. L_ogbq_kdZjZdl_jbklbdb

Ba^_e_k_hhl_lkl\mj_[h\Zgbjfk kkbckdbbo
f`^mgZjh^g_uZg^Zj]h_ogbq_kmlbeh\by
ghjfZlb\gZyaZZba^_emklZgZ\eb\ZklZg^ZjIZfb
ij_^ijbylHTR/001-2006 bHTR/002-2006 bijb_^_glu
LZ[ebpZ.

=_g_jZl\kjh a^mrgu\foeZ`^_gb^\fb]Zl_ DY8000LX, DY8000LX-3. Hkg h\g üZjZf_lj.u	
G h f b g Z e v g g h Z i j y ` _ g b ≤	220 / 380
B k i h e g _ g b g Z i j y ` _ g b α h e h k l b b) ^ <	228—234 / 295-402
B k i h e g _ g b g Z i j y ` _ g b i x e g Z y g Z] j m) a & Z	212—218 / 365—377
G h f b g Z e v g g Z y k l h l i Z _ j _ f _ g g h] h d , Z = p	50
Q Z k l h b Z h e h k l h] h d , Z = p	52.5
Q Z k l h l i Z b i h e g h g Z] j m , a & p	50
G h f b g Z e v g f Z y s g h k l , v < :	
DY8000LX/DY8000LX-3, ^ \ b] Z l _ f v 420	6500
> e b l _ e v g Z _ y] j m a g Z ^ h i m k d Z _ l k y	
Q Z k l h l i Z b ^ h i m k l b f h i c _ j _] j m a & p	49.5
> h i m k d Z _ h h d e h g _ g Z k l h , l & p	
O h e h k l b b ^	± 0.4
G Z] j m a 20%	± 0.3
G Z] j m a 20—50%	± 0.25
G Z] j m a 50%	± 0.15
Q Z k l h l i Z b f] g h \ _ g g h d e x q _ g i h b e g h c g Z] j m , a & p	45
Q Z k l h l i Z b f] g h \ _ g g h d e x q _ g i h b e g h g Z] j m , a & p	55
< j _ f y \ h k k l Z g h \ e _ g h f b g Z e v g g Z k l h l (g _ [h e _) _ k	3
G h f b g Z e v g g h o v n n b p b f h g s l g h k l b	1.0
< u o h ^ h k l h y g g h] h d Z	
G Z i j y ` _ g b h e h k l b o] h ^ , Z <	14 < ± 1
G Z i j y ` _ g b j b g Z] j m a 100 < l <	12
A Z j y ^ g u b d Z d d m f m e y l 2 h & Z	8.3
= Z [Z j b , l f i f	790x560x590
< _ k _ a m i Z d h \ d l h i e b \ Z]	96
K b k l _ f Z h a [m ` ^ _ g Z b e y l _ j g Z l h j Z	S _ l h q g Z y
K b k l _ f Z l Z [b e b a Z g Z b j y ` _ g b y	We _ d l j h g g _ u] m e y l h j
M k e h \ b y d k i e m Z l Z p b b	
L _ f i _ j Z l m] u (° K)	243...313 (-30...+40)
L h i e b \ h	; _ g a b g
: l f h k n _ j g h ^ Z \ e _ g b d l Z	89.8
H l g h k b l _ e v g Z y g h k % w	60

I Z j Z f _ l j u ^ \ b] Z l _ e J F e 4 2 0 < k h k l Z \ _ g _ j Z l h j Z	
L b i b d h g k l j m d p ^ b b] Z l _ e J F e 4 2 0	
K i h k h h o e Z ` ^ _ g b y	< h a ^ m r g i u j b g m ^ b l _ e v g u c
D h g k l j m d p b f y _ j k] h j Z g b y	l h e m k n _ j b q _ k d Z y
J Z k i h e h ` _ g b e b g ^ j Z	G Z d e h g g h _
D h g k l j m d p j Z k i h e h ` _ g b e Z i Z g Z	< _ j o g (g Z ^ p b e b g ^) h f
J Z k i h e h ` _ g b k i j _ ^ \ Z e Z	G b ` g (\ d Z j l _) _
H k g h \ g u i Z j Z f _ l j u	
G h f b g Z e v g h Z s y g h k (v q Z) k d < l e k	11 / 15
Q Z k l h \ j Z s _ g b y Z g h f b g Z e v g h c f h s g h k , l h [f b g	3600
Q Z k l h \ j Z s _ g b y h e h k l h] h ^ , Z h [f b g	1700±100 / 1500±100
F Z d k b f Z e v g j u Z s Z x s b t h f _ g l G f	22.5
Q Z k l h \ j Z s _ g b y Z d k b f Z e v g f h f h _ g l , Z h [f b g	2800
J Z k o h h i e b \ Z d < l q	374
J Z k o h f Z k e , Z / d < l q	6.8
l h] j _ r g h k k M Z [b e b a Z p b l h l u \ j Z s _ g b %	6
D h e b q _ k p b e b g ^ j h \	1
Q b k e l Z d l h \	4
J Z [h q t h d t _ f d Z f _ j k] h j Z g t f %	420
K l _ i _ g w ` Z l b y	8:1
G Z i j Z \ e _ g l b Z s _ g b y Z e Z h k l h j h g u j m q g h k h Z j l _ j Z	l h q Z k h \ k t j _ e d _
M] h b i _ j _ ` _ g b a Z ` b] Z g b y	21.5°
A Z a h d j e Z i Z g g h] b Z g b a f Z	0.03—0.05
B k d j h \ h a Z a k j \ _ q b Z ` b] Z g b f y	0.7—0.8
K i h k h i [_ j _ ^ Z d b Z s Z x s _] f h f _ g l Z	R e b p _ \ Z m n l Z
K i h k h h Z i m k d Z	J m q g k b Z j l _ b w e _ d l j h k l Z j e y X
K b k l _ f a Z ` b] Z g b y	F Z] g _ l h
K b k l _ f i h ^ Z q l h i e b \ Z	K \ h [h ^ g u k e b (k Z f h l) _ d

L Z [e b p . Z

I Z j Z f _ l j u ^ \ b] Z I _ e J F e 4 2 0 < k h k l Z \ _ g _ j Z I h j Z	
l j b g Z ^ e _ ` g h k l b	
L b i k \ _ q b Z ` b] Z g b y	NHSP LD F6TC, Esso, PSB6E2, Bosch W6DC, NGK BP5ES, Champion N11YC, Denso W16EX-U, AC Delco 44XLS, Motor Craft AG24C, Beru 14-7DU, J h k k b : y 1 7 > b Z g Z e h] b q g u _
K b k l _ f i b I Z g b y	D Z j [x j Z I h j
L b i \ h a ^ m r g m] h e v l j Z	I h j b k l u c h e b m j _ I Z g
L h i e b \ b k f Z a h q g h Z k e h	
L b i l h i e b \ Z	; _ g a b : 9 2 g _ w l b e b j h \ Z g g u c
L b i k f Z a h q g h Z k e Z	E x [h f Z k e h e Z k S A E * , k h j l g _ g b ` A P I : S E , S F b e S G . (* k f . I Z [e b] m
L b i k b k l _ f k f Z a d b	J Z a [j u a] b \ Z g \ b d Z j l _ j _
, f d h k l \ _ g a h [Z d e Z	25000
, f d h k l \ k b k l _ f k f Z a d b]	1100

L Z [e b p Z

L Z [e b p \ [h j Z Z k e Z a Z \ b k b f h k l l b h] h ^ g u o k e h \ b c

4. KhkZba^_e,bwe_f_glmijZ\e_gby

Jb.k1

I Zj Zf_lju^\b]Zl_eJF6420 <khklZ\]_g_jZlhjZ		
<	G Z b f _ g h \ Z g b _	G Z a g Z q _ g b _
1	; _ g a b g h \ d j c Z g	F Z g b i m e y p t h y Z q _ l b i e b \ Z
2	J m q d k Z Z j l _ j Z	l m k d \ b] Z l _ e y
3	< u k h d h \ h e v l i g h \ c h ^	W e _ d l j h i b l Z k b _ g a Z ` b] Z g b y
4	= e m r b l _ e v	K g b ` _ g m j h \ g r y m f Z u o e h j Z u i m k i d h ^ m d l h \ k] h j Z g b y
5	; _ g a h [Z d	, f d h k l \ e y h i e b \ Z
6	D j u r d Z _ g a h [Z d Z	A Z i j Z \ d Z g a b g h f
7	J u q Z \ h a ^ m r g a h Z k e h g d	M i j Z \ e _ g h a ^ m r g a h Z k e h g d j h o h e h ^ g h m k d _ g Z _ g a b g _
8	< u d e x q Z l _ e b] Z l _ e y l j _ o i h a b p b h g g y c DY8000LX/DY8000LX-3	F Z g b i m e b j h \ Z g b _ d l j h i b l Z k b _ k f l _ f u a Z ` b] Z g a b] Z l _ e k l Z j l _ j Z
9	< h e v l f _ l j	B g ^ b d Z p b e b q b g u z i j y ` _ g b y j _ f _ g g h l] h d Z
10	: \ h f Z l b q _ k d b d e x q Z l _ i _ j _ f _ g g h l] h d Z	A Z s b l e l d h j h l d h a] Z f u d Z g b y
11	J h a _ l d Z a t z f p _ i b i _ j _ f _ g g h l] h d Z	l h ^ d e x q _ g b l j _ [b l _ e i _ c j _ f _ g g h l] h d Z
12	D e _ f f Z h e h ` b l _ e v g h] h i h e x k p _ i b h k l h y g g h] h l h d Z	l h ^ d e x q _ g b l j _ [b l _ e i r k l h y g g h h] b Z < a Z j y ^ d k e h l g Z u d h f h [b e v g u d d m f m e y l l j h \ <
13	D e _ f f Z l j b p Z l _ e v g h] h i h e x k p _ i b h k l h y g g h] h l h d Z	
14	: \ h f Z l b q _ k d b d e x q Z l _ i h k l h y g g h h] d Z	A Z s b l e l i _ j _] j m a p d b i b 2 <
15	D j u r d Z h a ^ m r g m] h e v l j Z	> h k l m e i y h [k e m ` b \ Z g b k l _ f a b e v l j Z p b b \ h a ^ m o Z
16	D e _ f f Z Z s b l g h] h a Z a _ f e _ g b y	A Z s b l g a Z a _ f e _ g v e _ d l j h i j h \ h ^ y d s t b j o m k g u o ^ _ l Z e _] c g _ j Z l h j Z
17	K e b \ g Z j h [d Z Z k e Z	K e b f Z k e Z a k b k l _ f k f Z a d b
18	S m - i i j h [d Z a Z e b \ g h] h h l \ _ j k l b f y Z k e Z	A Z i h e g _ g k b k l _ f k f Z a d b a f _ j _ g m j h \ g f y Z k e Z
19	B g ^ b d Z l m j h \ g y	B g ^ b d Z p r b j h \ g l y h i e b \ Z [Z d _
20	J Z f Z	G _ k m s a Z s b l g b l j Z g k i h j l b j h \ h q v e _ f _ g l u
21	B g ^ b d Z l h j a d h m j h \ g y f Z k e Z	B g n h j f Z p l h y _ h [o h ^ b f h k l b k l Z g h \ e _ g b y m j h \ g f y Z k e Z
22	D e _ f f Z h e h ` b l _ e v g h] h i h e x k Z _ e _ k l Z j l _ j	l h ^ d e x q _ g z d d m f m e y l h j Z g Z c _ G B 1 w e _ d l j b q _ k d Z j h _ j M 1 g Z D Y 8 0 0 0 L X / D Y 8 0 0 0 L X - 3
23	D e _ f f Z l j b p Z l _ e v g h] h i h e x k Z _ e _ k l Z j l _ j G B 1	
24	: \ h f Z l b q _ k d b d e x q Z l _	A Z s b l e _ d l j h k l Z j l _ j Z

L Z [e b p Z

5. Mkljhckl\hjZ[hIzba^_eby

5.1 Mkljhckl\hdhgkljmdlbgk[h[_ggghklb
 Ba^_eb_hlghkblkyd deZkkm_g_jZlhjguonklZgh\hd
 i_j_f_ggh]hhqZijb\h^bfuo\ ^\b`_gb_ihjrg_\ufb
 ^\b]Zl_eyfbgmlj_gg_]h]hjZgbyh[s_]h_gZagZq_gby
 =_g_jZlhjgZyklZgh\kZklhbba ihjrg_\h]h^\b]Zl_ey
 \gmlj_gg_]h]hjZgby><K b we_dlj bq_kdfZcbgu
 (Zevl_jgZl)hjZj_h[jZamxs_fc_oZgbq_kdmx_j]bx\
 we_dlj bq_kdmx
 lh dhgkljmdlbgkZkbnbd ZpjblgpbijrZ[hlu^\b]Zl_ev
 hlghkblky_luj_olZdlghu^fghpbebg^jhaKk_jogbf
 jZkiheh`_gb_fdeZiZgh\b gb`gbf jZkiheh`_gb_f
 jZkij_^_ebl_evghZfZ><Kbf__ldZj[xjZlhjgrkkl_fm
 iblZgbyKfZadZkms_kl\ey_jlZg[jua]b\ZgbfZfkeZ\
 dZjl_j_lmka^\b]Zl_eykms_kl\ey_kkifhsvxjmqgh]h
 ljhkh\h]klZjl_jZbebwedljhklZjl_jZh^_eybX. <
 kbkl_faZ`b]Zgibyf_gy_lkZ]g_lgZfZoh\b.d_
 <dZq_klZevl_jgZlhjZihevam]lky_jZlhjj_f_ggh]h
 lhdZks_lhgghkcbkl_fh\cha[m`^_gby_jjhj_ahgZgkghc
 (dhg^_gkZlh]klZfbebbaZpgZicy`_gby

5.2 MklZgh\dg_jZlhjZ
 ljb mklZgh\de^m\uihegb\wk_lj_[h\ZgbjZa^_eZ:
 «H[_ki_q_gp_[h\ZghcahiZkgk.klb

5.3 AZihg_gZkehkbkl_fkfZadb
 <u\bglblvsmi(ih8 jbk) b aZeb\ dZjl_jfZkeh
 khhl_lkl\mxs_lhZ(lZ[ebpZ i.8) ^h gb`g_]hdjZy
]hjeH\b.gaklZ\blqbklu&moHsmi\]hjeH\bgrZjl_jZ
 \ugmlv_]h_ljh_jblvmjh_gfvZkeZ]jZgbpZfhq_gghc
 h[eZklbsmiZ ^he`gZjZkiheZ]Zlvky`^m hlf_ldZfb
 fbgbfZevg_b]ZdkbfZevgrh]m\g._c
 <gbfZgbDhgljhebjh\Zd\vhkkIzgZ\eb\Znljh_gZkeZ
 ke_^m ilj_^dZ`^ufimkdhf_g_jZlh.jZbkl_fZl bq_kdZy
 jZ[hIz_ ijb ihgb`_gghfmjh\g_fZkeZ ijb_^_l d
 ij_`^_j_f_gghfmg h]mg_jZlh.jZjb mjh\gfZkeZgb`_
 fbgbfZevgh^himklbfh]h ijb \dexq_gbbiblZgby
 kjZ[Zlu\Z_[ehdbjh\Zb]Zl_eyeykgyly[ehdbjh\db
 \hkkIzggh\blghjZevgumjh_gfvZkeZ G_^himkdZlv
 ij_\ur_gbmjh\gy
 ljb \u[hj_ fZkeZ jmdh\h^kl\h\Zlvkly[h\Zgbyfb
 wdkiemZIZpbhg gmf_gIzpbmbdZaZgbiyfbjbf_g_gbx
 dhgdj_lgh]piz fZkeZ_]hijhba\h^bl_dyb jZ[hI_\
 mkeh\bybe bqg hbg hjfZevguo

(kf. lZ[ebp]nj_dhf_g^m_ijby_gylkhhll_lkl\mx\$bic
k_ahgghjZkeZ\ khhll_lkl\bb j_dhf_g^Zpbyfph
ijhba\h^bl_ey

5.4 AZa_fe_gdhjimfZg_jZlhjZ

ljb mklZgh\p_g_jZlhjZe_^m_ih^dexqbbvj_av[h\hc
de_ff(ih a6 jbk 1) ijh\h^gb aZa_feyxs_mhkljhckl\Z
m^h\le_l\hjyxs_]h_[h\ZgbyfjZa^_eZ«H[_ki_q_gb_
lj_[h\Zgbc_ahiZkgk.klb

5.5 AZijZ\dZgabghf

<gbfZgb_l_j_^aZijZ\dhfcgabghfh^dexq_gbzdfd mfm
eylhjghcZlZj_b_g_jZlhjklZgh\b(liv 5.6). < dZq_kl\
lhieb\Zbkihevam_lk gabgZjdb:B-92. ljb aZijZ\d_
[_gabghfke_^m_luihegblv\k_lj_[h\ZgbyjZa^_eZ
«H[_ki_q_gb]_[h\Zgbfc_ahiZkgk.kl]klZgh\b^v\hd
Zddmfmeylh[jZlhZj_.blh^dexqbljh\h^ZZddmfmeylhjghc
[ZlZj_bhaGB1 dde_ffZ(fiha22, 23 jbk1), kljh]kh[ex^Zy
mdZaZgigra xjghklv
<gbfZgb_G_ojZgb_lv_gab^ghgZqZcbZkihevah\Z[ghbey_
30^g_c

5.6 lmkp_g_jZlhjZ

Hldexqblk_ihlj_[bl_eib_j_f_ggh]hdZhl]_g_jZlhjZ
i_j_\^y uqZ Z\lhfZlbq_kd b]p h exqZl_(ey a0 jbk1) \
hldexq_gghih eh`_gb«0», hlk h_^bgblivlj_[bl_eb
ihklhygg h]h d Z lde_ff(fiha12, 13 jbk1).
ljb bkihevah\Z[ghgabgZdjulv hieb\gudjZgiha1 jbk
1)
ljb bkihevah\Zg_bgabgZ_j__klbjuqZ]mijZ\e_gby
\ha^mrgaZkehgdilma7 jbk1) \ djZcg_e_\h_iheh`_gb_
ljb imkdoheh^gh\vb]Zl_ey\ ijhf_`mlhqgih eh`_gb_
ljb imkdjh]j_lh]h\ b]Zl_ey
l_j__klbudexqZl_`e\vb]Zl_(eyh a8 jbk1) \ hldexq_ggh_
ih eh`_gb0».
leZ\g hulygm^hmihjZjh kjmqghk hZjl_jZjmq dima2
jbk1) b_jgm\vb koh^gih eh`_g(pk.f. lZd` jbk2).

l_j__klbudexqZI_^\b]ZI_(eih 8 jbk1) \h\dexq_ggh_ iheh`_g01».

ljb jmqghfmkdijb^_j`b\Zy_g_jZlHjZjZfmj_adtk bgl_gkb\gmfbbeb\uflygmljykkIZjl_jZhmiHj(Zbk2), ih\lhjb\^_ckl\b_g_kdhevjdZraijb_g_h[oh^bfhk?eb ^\b]ZI_@v_aZimkdZ_kky^mbaf_gbiheh`_gbuqZ]Z \ha^mrgaZkeh,gk^\b]Zy]hijZ\hl_f[hevr,_q_f\ur_ l_fi_jZlmjZ^\b]ZI_eyb`hdjm`Zxs_]hha^moZjb bkihevah\Z[gglabpZbh\lhjblvjZldh\j_f_ggZ`Zlb_ dghidjb]meylhijZ jZ[hlgZ]Za_aZI_fih\lhjblvmkd ihfhsvx klZjl_jZ <dexq_gbwe_dlj bq_kdkl]Zjl_jZ ijhba\h^blky\hjhlfdexqZudexqZI_(eih 8 jbk1) \ djZcg_ijZ\h_iheh`_g0imkdKjZaimkeimkd^\b]ZI_ey hlimklbvdexq^eyh[_ki_q_gb]yhkZfh\ha\jZVZkj_^g__ iheh`_gbljb kjZ[Zlu\ZglaZsbl(iih 24 jbk1) gZ`Zlv k[jhkkeh_klu\ZgZylhfZlbq_kdkl]dexqZI_ey ljb jZ[hlgZ[_gabgihke_ijh]j_\Z^\b]ZI_eyl_q_gb_ \j_f_gbhdheh0-40 k_dmg^aZ\bkbfbhkHb_gZqZevghc l_fi_jZlmj_u_j__kljbuqZpZkeh(gich7 jbk1) \djZcg__ ijZ\h_iheh`_gb__kebijb wlhf^\b]ZI_eyZ[hIZ_l g_mklhcq\hjgmlvuqZ]aZkehg(diba 7) \ ij`_g__ iheh`_gbh[_ki_qbaZ\jr_gbjh]j_\Z lh^dexqblvd`jZat_fZf`]_g_jZlHjZihlj_[bl_eb khhl_lkl\mxsblj_[h\Zgbyf jZa^_eZ«H[_ki_q_gb_ lj_[h\Zgbc[_ahiZkgk.kldhegzY(kmffZ Zdlb\ghb j_Zdlb\ghfchsgkklvk_oih^dexqZ_fublj_[bl_e_c klZpbhgZjghf`bf_g_^he`gZij_\urZlv agZq_gbc ghfbgZevghsghk,lmdZaZg\gluZ[ebp_G^himkdZ_lky ^ebl_evghj_\ur_gbgghfbgZevghsghk|phe_q_fgZ 10% k\ur_gghfbgZevgahgZq_gk\vdexqbZ\lhfZlbq_kdbc \udexqZI_(eih 10 jbk1), mklZgh\b]hjuqZ]mijZ\e_gby iheh`_g01».

5.7 HklZgh\jdZg_jZlHjZ

ljb jZ[hIZxs_f]_g_jZlHj_hldexqblvZ\lhfZlbq_kdbc \udexqZI_(eih 10 jbk1), hikh_^bgblvhlj_[bl_eb ihklhygg|h]dZlde_ff l_j__klbudexqZI_^\b]ZI_(eih 8 jbk1) \hldexq_ggh_ iheh`_g00».

AZdjullhieb\gudcjZ(gh 1 jbk1).

5.8 Hkh[_gghwlbkiemZlZjpbibgb`_ggldfi_jZlmj_

<kemqZdkiemZlZpZbjZlhijZ l_fi_jZlmj_hdjm`Zxs_c ke_^gb`_0^Kj_dhf_g^milkjy^aZimkd\uf^_j`Zlv]h

l_iehfi hf_s_gbb l_q_gbbj_f_g,b g_h[oh^bfh]by
ijh]j_\Xk_o]hqZkl_c
<gbfZgb_QZklui mkdb hklZgh\pbg_jZlhjZb gZebqbb
gZe_^bdZf_jZb\b]Zl_eydZj[xjZlhjfh]mljb_klbd
ij_`^_\j_f_gghf ang h bma^_e by

6. Kj_^kl\Baf_j_g bbyb g^bdZp bbg kljmf_@l
ijbgZ^e_`ghklb

6.1 GZebqbb _ebqbgZgZijy`_gbyi_j_f_ggh]HhdZ
bg^bpbjm_bllkayf_jy_lkhyevlf_ljh(fh @ jbk).

6.2 ljbqbg hchklmkl\b gZijy`_gbyijb jZ[hIZxs_f
]_g_jZlhjfh`_l kem`blkjZ[Zlu\ZgbZ\lhfZlbq_kdb o
\udexqZl_eaZcsblp_i_c li_j_]jma(dhba10, 14 jbk). <
wlhfkemqZe_^m mlkljZgbiljvqbgm_j_]jma bbgZ`Zlv
dghidme bdeZ\brk[jhkZhh\lkl\mxsZ\lhfZlbq_kdh]h
\udexqZl_iake_]hklul\Zgby

6.3 Baf_j_gbgZijy`_gby_i bihklhygg h]hd Zh`_l[ulv
ijhba_^_gk ihfhsvx mgb_jkZevgubaf_jbl_evguo
ijb[hjh,\ij_^mkfZljb\Zxsjb`bfbaf_j_gkyhhl_lkl\m
xs_c_ebqbgZijy`_gbyklhygg h]hdZ

6.4 >ey jZaj_r_ggh]hZggufjmdh\h^kl\h h evah\Zl_ex
l_ogbq_kdhklem`b\Zgjby_gyxlklyevdmgb_jkZevgu_
bgkljmf_glu ijbgZ^e_`ghklipbf_g_gbki_pbZevguo
ijbkihkh[e_gbg_ lj_[m_lky Dhfie_dlg_h[oh^bfuo
bgkljmf_gbh]bgZ^e_`ghklhkdZ\ey_lklyhhl_lkl\bb
jZa^_ekDhfie_dlg h.klv

7. FZjdbjh\dZ

FZjdbjh\dZ^_j`kle_^mxsbnghjfp:bx

1. GZa\Zgbh]hlbilhj]h\mfZjd;m
2. Mkeh\gth[hagZq_fgh^_eba^_ebljibh[sb_
k_^_gb\^b]Zl;e_
3. GhfbgZevgmsxghklv_^«<:», ghfbgZevgnzkhlhm
i_j^_f_gghl]hdZ_^«=p, gZijy`_gb_j^_f_gghl]hdZ
_^«<»;
4. >Zlra]hlh\e_gbyjbcgudhf_j
5. G_h[oh^bfij_^mij_^bl_evgugnhjfpbhgg_u_
gZ^ib.kb

8. MiZdh\dZ

8.1 =_g_jZlhjgumklZgh\dihf_sZxlky\ miZdh\dma
Zdhgk_j\bjh\ZgghfljZgkihjlbjh\bbobjZg_gb\y^_
(lhieb\bkfZahqgfZ_kelihghklv^Ze).gu

8.2 MiZdh\dZ^_lkj_^kl\ZaZsbluijh\bihiZ^ZgbgZ
ba^_ebu_ebbihklhjhgfb_ædbqZklbp

8.3 MiZdh\hqgdZcjlhg[eZ^Z^lhklZlhqg^hecyih]jmadb
ljZgkihjlbjh\dbjhqghklvx MiZdh\dZj_^mkfZljb\Z_l
kj_^kl\Zsblbl\b[jZpbuebb\ez`ghkl\ba^m^h30%

8.4 Dhfie_d^hdmf_glZpithf_sZ_fuc\gmijbmiZdh\dkb
ba^_ebb_eb_j_^Z\Z_fuhcdmiZl_(aZdZa)pb^mevgh
— hlf_ldZ_ogbq_kdlh]ghj;ey
— wdkiemZlZpb^hgdrzfy_glZpby
— dhfie_dlg hklZdh.\db

8.5 MiZdh\hqgfZjdbjh\dZ ij_^mij_^bl_evgguZ^ibkb
khh_^kl\ISO1780-1997.

9. L_ogbq_kd[hkem`b\ZgDhgk_j\Zpby

9.1 l_j_q_gv hi_jZpbc g_h[oh^bfh]hl_ogbq_kdh]h
 h[kem`b\Zgby
 — ijh_jd\hkkI Zgh\ e_njth\gfyZke,Z
 — ijh_jd\ZaZf_gk\q_bZ`b]Zgby
 — h[kem`b\Z\ghba^mrgm]thevljZ
 — h[kem`b\Zg\bieb\guobevljh\ZdZb djZgZh^Zqb
 [_gab,gZ
 — ijh_jd\h_l_q[_dgab\Zke,Z
 — aZf_gfZkeZ
 <gbfZgb_:ddmfmeylhjgZyZj_y wdkiemZlbjm_bky
 h[kem`b\Z_lky khhl_lkl\bbk jmdh\h^kl\hfh
 wdkiemZlZp_bjthba\h^bl_ey

9.2 ljh_jd\hkkI Zgh\ e_njth\gfyZke,Z
 l_jbh^bqghkjh_^_g:biy_j_`dZ`^ufaZimkdbefbdZ`^uc
 12 qZkhjZ[hlu

J b.k5

1. <u\bglblsm-iijh[dmba]hje h\bgdZjl_jZhimklblv
]hje h\bglmm o,hqbklu cs mi b \ulZsblv_]h— djZc
 kfhq_ggufZkehfh[eZklbhe`_gZkiheZ]Zl\k\y^m
 hlf_ldZfbfbgbfZevgh]h fZdkbfZevgh]himklbfh]h
 mjh\g_c
2. AZebl\]hje h\bgnZkeh^h gb`g_]hZyaZeb\gh]h
 hl_jklbyljh_jblvmjh_gfZkeZ\ khhl_lkl\bbk
 imgdlh.f
3. MklZgh\bdvaZlygmsm.i G_^himkdZjhe b\ZkeZ
 ljheblhfZkekh[jZlbebg_c]jZebah\Zlv

9.3 ljh_jd\ZaZf_gk\q_bZ`b]Zgby
 1. l_jbh^bqghkjh_^_g:biyjh_jdbg_j_`_ q_fq_j_a
 dZ`^u100 qZkhjZ[hlu bebr_klv_kyp_\

2. Kgylv\ukhdh\hevlgijb\h^ b \u\bglblvk_qmba
 ^\b]Zl_eykihev aknyqg hdx21 ff.

3. >himkdZ_gZyebqbhg dh]k_le dhjbqg_\hg]Zhe_lqZ
ih_joghklywe_dljh^hb d_jZfbq_kdh]bahey|hjZ
>himkdZ_glk]hevrhdhe bq_kll\fhgh]hZkeyghg]ZjZ
gZlhjp_k_qbh[jZs_gghfdZf_jm]hjZgbjyb jZ[hI._
Kbkl_fZlbq_kidhy_e_gbgZ we_dljh^Bobahey|hj_
[hevrh]dhe bq_kl\Zguohleh`_gkdb^_l_evkl\m_l
k_jv_aguogZjmr_gbyò jZ[hI_ ^\b]Zl_eybeb
g_khhI_lkl\mxcZ_d_kl]jbf_gy_fu[o_gab]ZkeZ
ijb h[gZjm`_gbb^h[gh]hj_djZlblwdkiemZIZpbx
h[jZlblvkyl k_j\bkguø_glj aZ dhgkmevlZpb_c
^bZ]ghklbdh&emqZ_kebmklZgh\è_qlh ijbqbg hc
hle h`_gbc y\ey_lky g_m^h\e_l\hjbl_evgh_
dZq_kl\]k koh^gufZl_jbZehlebh[gZjm`_gu
ijbagZdbg_agZqbl_evghj babbwe_dljh,^h\ ff
^himkdZ_4Zvg_cr]v]kiemZIZpbq]bhke_
f_oZgbq_kl]b]fbq_kdh]cbkl]d]be_dljh^b\ 0.7...0.8
bahey|hjZ
4. J_dhf_g^m_lky ijh_jblv _ebqbgm
f_`we_dljh^g]h]ZahjZdh|hjZy`he`gZ[ulv
hdhe 0.7...0.8 ff (j bk 6). ljb kms_kl_gghf
hle bqbbaf_j_ggh]cebqbgauZahj]dZaZgguf
lj_[h\Zgb]Zf_gbkv_qm

Jb.k6

Jb.k8

Jb.k7

5. K_qZ]Zf_gy_lky\hch]h`_lbiZbebihegu fZgZeh]hf
\h_k_okemqZ]h]bgZjm`_g]y]sb,gkdhe,h]Zdh\b]g
^jm]b^_n_dlh]Z_ih_joghkly]ojbh^bq_kdZf_gZ
k_q]Z`b]Zgib]y]ba\h^bl]k]Z`^u100 qZkhgh\hdh]h
`_lbiZbebihegu fZgZeh]h]f]aZ\b]k]h]h_khklhygby

- 6. MklZgh\k\lvqm^b]ZI_eavZ_jgm\^hmihjZl jmqb
 aZI_faZlygm\exqhfgZ180° ^eygh\hcbgZ90° ^ey
 bkihevah\ZggZhc._MklZgh\b\lwkh dh\hevlgjhdh^
 gZp_gljZevgwæ_dljh^_qb
- 7. ljb dZ`^hf h[kem`b\Zgpb dhf_g^m_lkqbsZlvh l
 aZ]jyag_g\c_joghklwkh dh\hevlgjh]h^Z
- 8. >_fhglbjh\Zkvldm kdjh]Zkbl\eymkdgh]h\ _jklby
 hkeZ[b\hfm dj_ie_gm^ZebaZ]jyag_gboyZgbq_kdbf
 kihkh[hfMklZgh\bkvldmZ rIZlgh_f_kl,h aZlygm lv
 ohfml ljb h[gZjm`_gb_b\j_`^_gbk_ldmaZf_gblv
 hjb]bgZevgGh168-L11.

9.4 H[kem`b\Zghba^mrgm]hevlijZ

- 1. l_jbh^bqghk[kem`b\Zggy`_`_ q_fdZ`^u50 qZkh\
 jZ[hlubeb ljb_f_kypZ< hkh[umkeh\bj\ur_gghc
 aZiue_gghklbm_ebq_gb_qZklhlu h[kem`b\Zgby
 hij_^_ey_lkayZ\bkbffhklldhg dj_lgkldmZpbb
- 2. >_fhglbjh\Zdjurd(nha1 jbk7). ljb hl^_e_gd purdb
 hldhjimkgZ_ih\j_^blmiehlg_gkgylnbevljmxsbc
 we_f_(gih a4 jbk7).
- 3. ljhfulv nbevljmxsbwce_f_glh^gufjZkl\hjhfex[h]h
 [ulh\h]fhxs_]tkj_^kl\Zjhfulvwe_f_glqbklh\h^_
 b\ukmrblv]hlheghklvix]jmabrlbevljmxsbwce_f_gl
 \ijbf_gy_fhk_fZahqgfZkeh: ddmjZlgh`Zlvbaebrdb
 fZkeZg_i_j_djmqb\Zg_f_glljb gZebqbbbaebrdh\
 fZkeZ\ nbevljmxs_fwef_gl\hafh`ghihy\egb_
 l_fgh]huoehiZi_j\h_ihkeh[kem`b\Zgjb_fyjZ[hlu
- 4. ljb h[gZjm`_gob[uo^_n_dlhnbbevljmxsbwce_f_gl
 (iha4 jbk7) aZf_gbgv\ufhjb]bgZev.guf
- 5. lhf_klblvnbevljmxsbwe_f_glgZ rIZlgh_f_kl,h
 mklZgh\bjurdm
- 6. <gbfZgb_G_aZimkdZ\vb]ZI_ekv ^_fhglbjh\Zgguf
 \ha^mrgmbevljmxsbwef_glhf

9.5 H[kem`b\Zgmbbevljh\kbkl_fuiblZgbyljh_jdZ
hlkmlkl\mly_qkdkl_ifblZgby

- 1. l_jbh^bqghkjlh_^_gby_j`_`_ q_fq_j`_aZ`^u100
 qZkhjZ[hlu bedjbf_kypZ
- 2. Kgyldjurdm_gah[ZbZdheiZqdjZgZh^Zqpb_gab,gZ
 klZjZygvih\j_^blmiehlg_gkgyblhklZldbieb\Zh
 \kihfh]ZI_evgfmdxklv

3. M^Z e b lvZ]jy a g _ g bryb e v l j h b i j h f u \ Z g b _ f e _] d h f
j Z k l \ h j b l _ (e l b i < 646) b i j h ^ m \ d h c u k m r b l n v b e v l j u b
m k l Z g h \ b b g Z f _ k l h

4. l j b h [g Z j m ` _ g e b x d [u o ^ _ n _ d l h h b e v l j m x s l v e _ f _ g l u
a Z f _ g b g h \ u f h j b] b g Z e v g u f b

5. < g b f Z g b _ l h k e _ a Z i j Z \ d r a [_ ^ b l v k y h l k m l k l \ l o n d l _ q _ d
l h i e b \ Z b a k b k l _ f u i b l Z g b y G _ a Z i m k d Z \ \ b] Z l _ e k v
^ _ f h g l b j h \ Z g g u f b h i e b \ g u f b n b e v l j Z f b H k h [h _
\ g b f Z g h [j Z l b l g Z l h i e b \ g u r e Z g]

9.6 A Z f _ g f Z k e Z

l _ j b h ^ b q g h k j l v \ _ ^ _ g b g Z ` ^ u 50 q Z k h j Z [h l u b e t 6
f _ k y p _ V I Z d ` h ^ b g Z a i h k e h [d Z l d d p _ j _ a _ j \ u _ 10
q Z k h j Z [h l u
G Z i j h] j _ l h f ^ h j Z [h q _ k _ f i _ j Z l m j ^ \ b] Z l _ e u \ b g l b l v
i j h [d m ^ e y k e b \ Z Z k e Z i h f _ k l b \ h ^ k e b \ g u h l \ _ j k l b _ f
\ k i h f h] Z l _ e v g m f x h k l v l h k e _ i j _ d j Z s _ g b b y k l _ q _ g b y
f Z k e Z h k l Z g h \ b j l v [d r g Z r l Z l g h f _ k l h b a Z l y g m A Z e b l v
f Z k e h] h j e h \ b g m ^ Z e l s m , i ^ h g b ` g _] d j Z y a Z e b \ g h] h
h l \ _ j k l b l j h \ _ j b l m j h \ _ g Z k e Z
< g b f Z g b _ G _ i j h b a \ h ^ b l v k Z f h k l h y l _ e v i g h f u \ d m
k b k l _ f u k f Z a d b c k e m q Z h a g b d g h \ _ i g h y h a j _ g b g c Z
i h \ u r _ g g u c m j h \ _ g v a Z] j y a g _ g b h [j Z l b l v k y \
k h h l \ _ l k l \ m x Z b l h j b a h \ Z g k u j d b k g w c g l j

9.7 D h g k _ j \ Z p b g _ j Z l h j Z

1. D h g k _ j \ Z p b i j h \ h ^ b l k y \ h \ k _ o k e m q Z y o d h] ^ Z
i j _ ^ i h e Z] Z _ l k y j _ j u \ \ b k i e v a h \ Z g b g _ j Z l h j Z
l _ q _ g b - o f _ k y p _ b [h e _ _ H ^ g h \ j _ f _ g l g d h g k _ j \ Z p b _ c
i j h \ _ k l b l _ o g b q _ k d h [k e m ` b \ Z g b i j _ ^ m k f h l j _ g g h _
i m g d l Z f . 2 - 9.6 ^ Z g g h] m d h \ h ^ k l \ Z
2. M ^ Z e b l v e b i h e g h k l v x u j Z [h l Z l v f _ x s m x k y [Z d _
l h i e b \ g m k f _ k v K e b \ i j h b a \ h ^ b l k g y \ d h e i Z q l d Z g Z
i h ^ Z q l h i e b \ Z
3. K e b l v l h i e b \ h b a i h i e Z \ d h \ h d Z f _ j u d Z j [x j Z l h j Z
\ u \ b g l b l j h [d . m h k e _ k e b \ Z h k l Z g h \ b j l v [d r g Z f _ k l h b
a Z l y g m l v
4. < f h ^ b n b d Z p b l y d h l h j u b l k m l k l \ m b g l k e b \ Z _ g a b g
k e b \ Z l v u \ b g l b [h e l d j _ i e _ g b h y i e Z \ d h \ h i j b ^ _ j ` b \ Z y
d Z f _ j m
5. < u \ b g l b l k \ _ q m Z ` b] Z g l a Z e b l v d Z f _ j m] h j Z g B y f e
k f Z a h q g h i Z k e Z i j h \ _ j g m l k l Z j l _ j m k l Z g h \ k l v _ q m Z
r l Z l g h f _ k l h i j b k h _ ^ b g b u k h d h \ h e v l i g h c h . ^

- 6. AZebl50—100 fe kfZahqghfZhkeZ l hie b\guZdb
jZ\ghf_jgZkij_^_eb_l]h gmljg Zdehgjy_g_jZlhj
- 7. J_dhf_g^m_gZkg_kgZih_joghkd b jimkgw_g_kmsbo
^_lZe_c_g_jZlhjZhkg_j\bjmxskmZ ad ex[h]hlbiZ
ki_pbZevj_h^gZagZq_g_gm^h[hgup_e_c
- 8. OjZgblaZdhgk_j\bjh\Z]ggu_gZlkje_^m_aZ\h^kdhc
bebZgZeh]bqgrh icZdh\dk_kh[ex^_gb_lf_[h\Zgbc
jZa^_eZ^Zgghj]mdh\h^kl\Z
- 9. l_j_^ bkihevah\Zgb]_fg_jZlhjZhke_^ebl_evgh]h
ojZg_gby ijh_klb l_ogbq_kdh_h[kem`b\Zgb_
ij_^mkfhij_ggm_gdlZ9.6 ^Zgghj]mdh\h^klbZ
ijhfulv[Zdqbklu[_gabghB-92.
lhf_j_bkl_q_gkbyh\l_kl\mxslZe_g^Zjg_jhhdh\H
ijhba\h^bl_khh\l_kl\kibmgdl9.8

J b.k9

9.8 =jZnbdijh_^_gbyg_h[oh^bfh]eZgh\h]hH ijb
ghjfZevgmkeh\byo

<gbfZgb Dhjj_dlbjh\]jZnbdZeZgh\h]h_ogbq_kdh]h
h[kem`b\ZgZd`ijh_jh]hba\h^blikhyevah\Zl_e_f
\kemqZw_dkiemZlZp^_ebly mkeh\bboj`bfZo
hlebbqgubI ghjfbjh\ZgguaZggufjmdh\h^kl\hgZ
hkggh\Zgbbhkh[uo j_dhf_g^ZpbqZajZ[Zlu\Z_fuo
ij_^ijbylb-fa]hlh\bl_e_dfZ`^hfhgdj_lgkfmqZh
kh]eZkh\ZggkfnZ\lhjbah\Zggk_fj\bkgufp_gljhf
aZijh.km_jbh^bqghikjhl_^_gbyHhij_^_ey_lkqZkZo

jZ[hlu beb dZe_g^Zjgukfjhdhf\ aZ\bkbfhklbl
 hq_j_^ghkb_q_gbl^_evgbydZ`^h]b^ZLH

>himkdZ_lkj_^_gbyeZgh\h]LH ^h bkl_q_gby
 mklZgh\e_ggfZadkbZevgukjhdh\k k h o j Z g _ g b _ f
 i_jbh^bqg h i k l b e _ ^ m x f b p h i j b y l b c

<b^LH	i_jbh^ ijh_^_gby	GZjZ[hldZkh\				DZe_g^Zj i_jbh^ f_kyp_\		
		i_j-^ dZ^uf imkdhf	10 (h[dZ]d h^gZa	50	100	500	3	6
1 Mjh_gfZke(0.2)		D	D					
2 Ijh_jdZ\qabZ`b]Zg(0.3)			D	D			D	
3 AZf_gkZ\qabZ`b]Zggbkld k_ldbk djh]Zkb(0.3)y					D			D
4 <ha^mrgmbevl(0.4)				D			D	
5 Lhiebgunbevlj(0.5)					D		D	
6 AZf_gfZke^Z(0.6)			D	D				D
7 MI_qdkkeZhiebl(0.5)		D						
8 Ihegu^bZ]ghklbd j_]mebjhbdphnbeZdlbq_k jZ[hlu						D		D
* <gbfZgbljh\h^bklh evdZ\lhjbah\Zggu]fZgbaZpbh^Z\phf k_j\bkgpf_gljh^khh\lkl\bb13, ZIZd`jmdh\h^kl\hf_ogbq_kdhfm h[kem`b\Zp_xfhglm								
** <gbfZgblj_dhf_g^mijlk\y_^gZ\lhjbah\Zggu]fZgbaZpb_c ijh^Z\phk_j\bkgpf_gljh^khh\lkl\bb13.1.								

LZ[ebpZ

10. H[_ki_q_glj_[h\Zgbp_a hiZkgh.klb

10.1 H[_ki_q_glb[sbolj_[h\Zgbp_a hiZkgh.klb]Z[h-lh
 kihkh[gh.klb

1. =_g_jZl^he`_bulvmklZgh\eggaZdjuluof_s_gbc
 \f_kl,]^_ij_^mkfhij_gZsblZlZlfhkn_jgukZ^dh\
 b\ha^_ckl\byfh]tkheg_qgk\]hl.Z
 <gbfZgblWdkiemZlZpoyZlhjZZfdgmlu6_s_gbyo
 dZl_]hjbq_kadZij_sZ_lkbyaaZlhdkbqghkijb^mdlh\
 \uoehiZ

2. < dZq_kl\hihju ^ey mklZgh\bb_^m_bkihevah\Zlv
 l_j^mxg_ih^\b`gm]hjbahglZevgm\joghkli_a
 \ha\ur_g,bm^h\le_\lhjyxsl\dd`lj_[h\Zgbyf. 10.2,
 10.3. ljb mklZgh\cg_h[oh^bfh[_ki_qblgZebqb_
 k\h[h^gh]hhkljZgkl\g_f_g_1-]hf_ljZk dZ`^hc
 klhjhgj_g_jZlhj^Zeyk\h[h^ghpcbjdmeyp\ba^m dZ
 bkdexq_glb_yiehi_j_^Zqb]_g_jZlhjZ hdjm`Zxsbf
 ij_^f_lZf \dexqZyijh\hrmfh\u_wdjZ.guHkh[h_
 \gbfZgbh[jZlblvgZhlkmlkl\k_hklhjhg_uimkdgh]h
 hl_jklby]emrbl_eyj_^f_lh\ ih\j_`^Z_fuobeb
 kihkh[gukolZlvbklhqqgdZfihZkghkl]bb_i_j_]j_hl
]hjyq_]uoehi.Bkdexqblhva fh`ghkilviZ^Zgley[uo
 ij_^f_lh\bebaZ]jyag_ggZc_glbeypbhggl_jklby
 kbkl_fb oeZ`^_gZyhlZxs_]hg_jZlhjZ
 3. lZjZf_lju hdjm`Zxs_kj_^u^he`gum^h\le_\lhjylv
 mklZgh\le_gg.uf(lZ[ebpZghjZf
 4. Ke_^mbkdexqb\hklmd]_g_jZlhjkmklhjhg_u_l_ d
 ihklhjhggebb,pZlZd`ex^,cg_agZdhfukajZ\beZfb
 wdkiemZlZpb\hiZkghklb
 5. G_j_fhglbjh\ZgvbkijZ\g]ucg_jZlhkZfhklhyl_evgh
 6. OjZgblv_gablgkfZahqghZkeke_^m_lki_pbZevguo
 dZgbkljZjdaZijZ\da[_]ZilviZ^Zgpygab dZkeZ
 gZex[u_qZklb_e,Zg_\^uoZlvZju[_gab.gZkemqZ_
 i_j_eb\Zebml_q_lhie b\ZjbaZijZ\djheblhlhie b\h
 ke_^mkh[jZlbebg_cljZebah\Zlke_aZijZ\dlhgh
 aZdjuldjurdmZdZb m[_^blvkyhIkmlkl\brbl_q_bca
 [_gabgh\hbkkl_fublZgby
 7. G_^himkdZ_wdkiemZlZpbyjZlhjZb ml_qdZokeZ
 bakbkl_fukfZadbjb aZiheg_gbbkl_fukfZadg_
 ^himkdZlv_j_eb.\Zljheblh_fZkeh kh[jZlvbeb
 g_cljZebah\Zlke_dZ`^h]h[kem`b\Zgbbkl_fu
 kfZadhb[_^blv\kylkmlkl\bb_qij d jZ[h]_g_jZlhjZ
- 10.2 H[_ki_q_gp_[h\Zgbk`Zjgh[c_ahiZkghklb
1. Bkdexqbi_hy\le_gb[eba p_g_jZlhjZlhqgb d\Zf_gb
 ble_xs_]h_j_gb d dmjbhvdhe]hg_jZlhjZ
 2. G_ojZgblv\eba p_g_jZlhjZju\hhiZkge_]dh\hkieZ
 f_gyxsb_kby]hjxqbfZl_jbZeu
 3. G_jZaf_sZlvb g_wdkiemZljbh\Zlg_jZlhj\h
 \aju\hhiZkgh_c^_
 4. H[_ki_qblvi_jZlb\gm^hklmighkilvj\bqgu d_j^kl\
 ih`Zjhlmr_grbdyh efh_klZnklZgh]dg_jZlhjZ

5. ljb wdkiem ZIZpZah\h& bkl_fuiblZgbykh[ex^Zlv
 lj_[h\ZgbijZ\beih`Zjghq_ahiZkghklb 01-03, Z
 lZd`mdZaZigb[y_ahiZkghjkmldh\h^kihZwdkiemZIZpbb
 bkihevam_]fZaoh\q_eehgh\
 <gbfZglDhgkljmd]p_lgy_jZlhgZ^himkdZh^dexq_gb_
 dk_lyfZ]bkljZevg]hZah\hklgZ[_gby
6. lh^dexq_g]Zah\hrjZg]Zukhdh^e_gdylh\hfm
]Zah\hfrZeehgirjhbah^b\lvkljh]hfkhhl_lkl\kbb
 jmdh\h^kl\hfwdkiemZIZjbbgy_fh]Zeeh.gZke_
 ih^dexq_gbjh_jblvhlkmlkl\bm_l_qd]ZaZ f_kl_
 ih^dexq_gby

Jb.K0

- 10.3 H[_ki_q_gp_[h\Zg bwe_dljh[_ahiZkghklb
1. Ba^_eth_lghkblkyZ\lhghfguif_j_^b`gu bklhqqgdZf
 iblZgbwe_dljhwg_j]b]hdhgkljmdpjby^mkfZljb\Z_l
 ih^dexq_gbhevhdwe_dljhijb_fgbdhghkysboky
 deZkkim_j_ghkgudhlhju_fh]mlgZoh^blvkyjmdZo
 ihevah\ZlijbywdkiemZIZpbb
 2. We_dljbq_kkdZyih^dexq_gibnyj_[bl_e_hdghkblky
 kbkl_f_k bahebjh\ZgghcljZev(xT), ij_^mkfZljb
 \Zxs_caZsblgha_Za_fe_ghd_djuluw_e_dljhijh\h^ysbo
 qZkl_dchjim.kZ
 3. AZsblgha_Za_fe_ghe`gbf_lvkhijh\le_gg[he__
 4-oHf. ljZdlbq_kvdlh]j_[h\Zgfh`_l[ulvj_Zebah\Zgh
 ke_^mxsbfbihkh[Zfbih^dexq_gd_ihf_s_gguflh
 \eZ`gu_kehbjmglZj_^f_lZfba hpbgdh\ZgklhZce_b
 klZep_aidjulb]ebf_^bjZaf_judhlhju]h]m[ulv
 kl_j`_g^bZf_ljh15 ff b^ebgh1c5 f, ebklx1.5 f;
 ih^dexq_gd_gZoh^ysbfbky_a_fe_h[t_dlZfdjh_f
 ljm[hijh\h^]h]jqbb\aju\hhiZkghkj_o^p_gljZevgh]h

h l h i e _ g b b y d Z g Z e b a ; Z p h b d e x q _ g d k m s _ k l \ m x s _ f m
d h g l m a j z s b l g h a j Z a _ f e _ g b y

4. D h g k l j m d b b y _ j Z l h g Z i j _ ^ m k f Z l j b \ Z h ^ d e x q _ g d _
k _ l y f k] e m o h a Z a _ f e _ g g g c h j Z e , v x k i h e v a m _ f ^ u f y
k l Z p b h g Z j w e o d l j h m k l Z g h \ h d
5. l h ^ d e x q Z _ f i h l j _ [b l _ e ^ h e ` g b f _ l (j b k 10) :
- i j h \ h ^ g b a Z s b l g h j h Z a _ f e _ g b j h o h ^ y s b \ c d Z [_ e _
i h ^ d e x q _ , g b i j b g Z e b q b h l d j u l u o w e _ d l j h i j h \ h ^ y s b o
q Z k l _ d c h j i m ; k Z
- ^ \ h c g m b x a h e y p b k _ o q Z k l _ i j h \ h ^ y s _] d h j i m k i z b
h l k m l k l \ i j b \ h ^ g b a Z a _ f e _ g b l Z [_ e i h ^ d e x q _ ; g b y
- k h [k l \ _ g g u a Z a _ f e y x s b c j h \ h ^ g , b d g _ a Z \ b k b f h
i h ^ d e x q _ g d u k m s _ k l \ m x s a f z a _ f e b l , _ e j x g Z e b q b b
h l d j u l u o w e _ d l j h i j h \ h ^ y s q Z k l _ d h j i m k i z h l k m l k l \ b b
i j h \ h ^ g b a Z a _ f e _ g b l Z [_ e i h ^ d e x q _ . g b y
6. < d Z q _ k l f _ j ^ h i h e g b l _ e v [g r a d i Z k g h j k l o h f _ g ^ m _ l k y
i j b f _ g y l v b e d b m ^ e b g b l k M b A (t < >) g Z 0 f : .
7. < h \ j _ f y j Z [h l u] _ g _ j Z l h j Z] h d e _ f f Z a Z s b l g h] h
a Z a _ f e _ g b y h e ` g Z [u l v i h k l h y g g h i h ^ d e x q _ g d
a Z a _ f e b l , e x [h] b a m d Z a Z g i u 1 0 . 3 . 3 l b i h . \
8. G _ i h ^ d e x q Z l j v _ g _ j Z l h d e x [u f ^ j m] b f b k l h q g b d Z f
w e _ d l j h i b l Z g b j y _ f _ g g h] l m d Z P _ i v i h k l h y g g h l] h d Z
i j _ ^ g Z a g Z q _ g e z y a Z j y ^ Z d b k e h l g u d \ l h f h [b e v g u o
Z d d m f m e y l k h g h f b g Z e v g g u z i j y ` _ g b 1 2 f <

11. L j _ [h \ Z g b d j Z g k i h j l b j h \ d o j Z g _ g b x

11.1 L j Z g k i h j l b j h \ d Z

l j b i h] j m a d b l j Z g k i h j l b j h \ d k e _ ^ m _ i l h e g h k l v x
b k d e x q b l h v a f h ` g h k f l v o Z g b q _ k i d b j o ` ^ _ g b b c e x [u o
i _ j _ f _ s _ g b c b a ^ _ e b c i h e h ` _ g b _ m i Z d h \ d b h e ` g h
k h h l \ _ l k l \ h \ Z l v ^ m i j _ ^ b l _ e v l g [u h f a g Z q _ g b y f

11.2 O j Z g _ g b _ g _ j Z l h j h i m k d Z \ k e y [h f q b k l h f k m o h f

i h f _ s _ g b i j b i j _ ^ h l \ j Z s _ g b l h a f h ` g h k i l b i Z ^ Z g b y Z
b a ^ _ e b Z] j _ k k b \ g k j c ^ u b i j y f h] h k h e g _ q g k] h l , Z
l _ f i _ j Z l m j h a ^ m b Z ^ h + 40 ° K b \ e Z ` g h k \ b a ^ m d Z
80% . B a ^ _ e b ^ h e ` g h o j Z g b l v k y a Z \ h ^ k d m c i Z d h . \ d _
= Z j Z g l b c g k j b o j Z g _ g b z y k e y g u m i e h l g _ g b f _ g _ _
6 - l b f _ k y p _ \ i j b g h j f Z e v g u o n k e h \ b y o j Z g _ g b b
l j Z g k i h j l b j h . \ d b

12. Dhfie_dlg hklv

G Z b f _ g h \ Z g b _	D h e h _ ^
We _ d l j h] _ g _	1
< b e d j Z a t z f Z	1
D h e _ k h	2
W d k i e m Z I Z p b ^ h g d r z f y _ g l Z p b y	
I Z k i h j (l j m d h \ h ^ k i l h w d k i e m Z) Z p b b	1
B g k l j m f _ g d i j b g Z ^ e _ ` g h i k l b l Z \ e y x l k l y a ^ _ e b _ f i j b g Z e b q b b] e Z k h \ Z g g b b l Z \ s b d h j f _ [h \ Z g b c a Z d Z a q b d Z	
D h f i e _ d l g k l j m f _ g b h j b g Z ^ e _ ` g h k l _ c	1
I j h \ h ^ Z ^ _ I Z e h l d Z d d m f m e y l h j g h c [Z I Z j _ l	1

13. = Z j Z g l b c g b [y a Z I _ e v k l \ Z

< g b f Z g b < d Z q _ k l k j _ ^ k l h [t _ d l b \ g h d] h g l j h d y s _] h
 \ j _ f _ g b j Z [h l u i j b f _ g y _ l k k y q _ l q b o p Z k h \ j Z d l b q _ k d b c
 k j h d k e m ` [w a ^ _ e t k y m s _ k l \ _ g a g Z \ b k b l l k h \ h d m i g h k l b
 n Z d l h j , h k k g h \ g u k j _ ^ b d h l h j u o b i u b d Z q _ k l i j b f _
 g y _ f u o _ g a b o Z k f Z a h q g h Z k e Z _] m e y j g h k l o g b e q _ k
 d h] h [k e m ` b \ Z g b l y i _ g a Z] j m ` _ g g h \ k u l o h ^ g h p c _ i , b
 q Z k l h l i z h k d h \ h k l Z g h , h q Z k l h \ Z e x q _ g i h d j _ [b l _ e _ c
 k \ u k h d h c d j Z l g h k l v x i m k d h \ h] h h d Z l _ f i _ j Z l m j Z
 h d j m ` Z x s _ k q _ ^ u b a Z i u e _ g g h k l h a ^ m o = Z j Z g l b c g u _
 h [y a Z I _ e v k l \ Z _ j Z k i j h k l j Z g y x l k y Z j Z k o h ^ g u _
 d h f i h g _ g b o Z I _ j b Z e j Z a h \ u Z e e h g u

13.1 = Z j Z g l b c g k u j h d w d k i e m Z I Z p g b j Z l h j Z k l Z g Z \ e b \ Z _ l k y
 \ j Z a f _ j 12 - l b d Z e _ g ^ Z j g u k o y p _ k h ^ g y i j h ^ Z ` b l h e v d h
 \ k e m q Z _ i j h \ _ ^ _ g b y g _ h [o h ^ b f h] h _ o g b q _ k d h] h
 h [k e m ` b \ Z g b h y d m i Z I _ e _ k f Z f h k l h y l _ e v g h h [t _ f _
 m d Z a Z g \ g i h . f 9 . 2 — 9 . 6 . D j b l _ j b _ j f _ ` ^ _ \ j _ f _ g g h] h Z a Z
] _ g _ j Z l h j Z h \ b g _ b a] h l h \ b l _ e i y b l _ o g b q _ k d h f
 h [k e m ` b \ Z g g b Z \ l h j b a h \ Z g g h] h b k g h p] h g l j Z e m ` b l
 \ u y \ e _ g g Z y w d k i _ j l b a h l c _ o g b q _ k d h k l h k l h y g b y _
 h ^ b g Z d h \ Z l y i _ g w a g h r _ g g h k Z a e b q g u b ^ \ b ` g u o

qZkl_cH[sbcjZ\g-f_jguc baghlagZqbl_evgZdIb
f_oZgbq_kdhaehb ^_lZe,_ch[gZjm`_gguc oh^_
wdki_jlba_uogbq_kdhh]klhygbybkijZ\ghkba^_eby
ij_^ty\e_gghijhe vah\Zl_e_hfbkl_q_gdye_g^Zjgh]h
12-lb f_kyqgh]ZjZglbcgk]hdZy\ey_lkkye_^kl\b_f
gZjmr_gby

lj_[h\Zgbjmdh\h^kilhZwdkiemZlZpbhbg h\Zgb^efy
hldZahZ\uiheg_gbzjZglbcghu[yaZl_evkl\

13.2 =ZjZglbcgkjhd dojZg_gmyklZgZ\eb\Z9_lfk_kyp_kh
^gyba]hlh\e_gby

13.3 ;_a\haf_a^gju_cfhgI beb aZf_gZba^_eby l_q_gb_
]ZjZglbcgk]hdZwdkiemZlZpbhba\h^blkjyb mkeh\bb
kh[ex^_gbijhlj_[bl_e_fjZ\bewdkiemZlZpbZgk
ihjlbjh\dtbojZg_gby

13.4 Ba]hlh\bl]ZjZglbjnk_hhl\lkl\ba^_ebjy[h\Zgbyf
KLI HTR/001-2006 b khhI\lkl\mxswdkiemZlZpbhgghc
^hdmf_glZpbk kh[ex^_gbihlj_[bl_e_fmkeh\bc
ijZ\bewdkiemZlZpb_bgbq_kdhh]klem`b\ZgdjZg_gby
bljZgkihjlbjh\Zgby

13.5 < ij_^_eZljhdZmdZaZgg hij]h13.1 lhdmiZl_bfv__l
ijZ\hij_^ty\blj_l_gab_bijbh[j_l_gg_wfa^_ebjfb
kh[ex^_gbe^_mxsrhkeh\bc
- hlkmlkl\b_oZgbq_kd_bjo`^_gba^_eby
- khojZgg hiehlvf[baZsblgugZde;_d
- hlkmlkl\lq_bagZdgZjmr_gljy[h\Zgbjmdh\h^kilhZ
wdkiemZlZpb
- gZebqbZ_kihjlZba^_ebijh^ibkvkhdmiZl;ey
- gZebqbZ_kkh\h]h\Zjgh]h_dh\
- khhI\lkl\b_k_jbcgh]ghf_jZ ba^_ebyghf_jm
]ZjZglbcghZ]ehgZ
- hlkmlkl\be^_hg_d\Zebnbpbjh\Zgghg]hZ

13.6 =ZjZglbcghu[yaZl_evkl]hZ^Z\pZg_jZkijhkljZgyxiky
gZkemqZhb_j`^_gbya^_ebkye_^kl\bhiZ^Zgbyg_]h
ihklhjhgg_bjo^f_lh\gZk_dhfwo`b^dhkl]_Z_lZd`_
g_kh[ex^_gbdmiZl_emkeh\wdkiemZlZpb_bebby
f_j[_ahiZkgghk]b^mkfhlj_ggucdkiemZlZpb_hgghmc
f_glZpb_c

13.7 ljb h[gZjm`_glhdmiZl_edZd-ed[hg_bkijZ\ghkl_c
ba^_ebyl_q_gb_kjhhdZmdZaZgg hij]h13.1 hg^he`_g

ijhbgnhjfbjh\ZHŷwlhfljh^Z\pØ_e_]jZf,fZdZagh_
ibkvf,h l_e_nhgh]jZffZdkbfbevgkhh[s_gb_b
ij_^hklZ\bd^_ebjh^Z\pmeijh_jdbFZdkbfZevguc
kjhdijh_jdb^__g^_eb< kemqZh[hkgh\Zgghklb
ij_l_gabljh^Z_ph[yam_layk\hckq_lhkms_kl\blv
j_fhgba^_eb_b]hZf_gm

LjZgkihjlbjh\dbZ^_ebŷey wdki_jlba]ZjZglbcgh]h
j_fhglZebZf_gijhba\h^bklkq_lhdmiZl_ey

13.8 < lhf kemqZ_kebg_bkijZ\ghklba^_ebŷua\ZgZ
gZjmr_gb_rfkeh\b_c]hwdkiemZlZpobhdmiZl_e_f
gZjmr_gmkeh\bij_^mkfhlj_ggiu_13.5, ljh^Z_pk
kh]eZkbyhdmiZl_ejZ_hkms_kl\blvfhgiba^_ebay
hl^_evgmeZl.m

14. ? ^ b g Z k y e m ` [L _ o g b q _ k d h e ^ _ j ` d b

We _ d l j h g i h Z y l : Zservis@huter.su
K Z c www.huter.su

: ^ j _ k < Z r _] k _ j \ b k g h p] h g l j Z

> hi he g b l _ e v g l m x n h j f Z p b x h i h j y ^ d _ b f _ k l _ i j h \ _ ^ _ g b y
l _ o g b q _ k d h e ^ _ j ` d b m h j] Z g b a Z p j h e ^ Z \ p . Z
k e m ` [l _ o g b q _ k d h e ^ _ j ` d b m h j] Z g b a Z p j h e ^ Z \ p . Z

l j _ ^ k l Z \ e _ g g Z h y d m f _ g l Z p b y _ j ` b f b g b f Z e v g h _ h [o h ^ b f u _
k \ _ ^ _ g b y e y i j b f _ g _ g b y b a ^ _ e . b y j _ ^ i j b y l b - b a] h i h \ b l _ e v
\ i j Z \ _ \ g h k b l v d h g k l j m d p b k h \ _ j r _ g k l \ h \ Z g b y a f _ g y x s b _
i j Z \ b e Z b m k e h \ b y w d k i e m Z l Z p p _ b a h l j Z ` _ g b y b o \
w d k i e m Z l Z p b h e g h r a f _ g l Z p b k _ a Z f _ q Z g b y \ h i j h k u i h
i h \ h ^ n o g n h j f Z p b b j b \ _ ^ _ g g h c ^ h d m f _ g l Z p b z i j Z \ e y l i h
m d Z a Z g g Z r f j m k w e _ d l j h g i h e l u

= ZjZglbcg uZe hg

We_dljh]_g_jeZl»

AZ\ _____

Fh^_ev _____

>ZlZjh^Z`b _____

GZbf_gh\Zg^j_khj]h\hcj]ZgbaZpbb

ijbagZ]g^gu^eywdkiemZl.Zpbb

F. I.

YihdmiZl/ij_v^klZ\bl_reb]fu_____

kijZ\beZfw dkiemZlZpbkbe h\by]ZjZglhba gZdhf.e_g
ljh^mdp b]emq_gZhegh dhfie_dlZpbjb_l_gab d
\g_rg_f\rb^rg_bf_x

(NBHbih^ibkihdmiZl)_ey

=:J:GLBCG UCEHG
HibkZg^_n_d]Z ijb[hjZ

HL D]a]h]h\bl_ey

F. I.

=:J:GLBCG UCEHG
HibkZg^_n_d]Z ijb[hjZ

HL D]a]h]h\bl_ey

F. I.

=:J:GLBCG UCEHG
HibkZg^_n_d]Z ijb[hjZ

HL D]a]h]h\bl_ey

F. I.

> h j h] h i d m i Z I ! _ e v
 Fu \ u j Z ` Z _ f \ Z f h] j h f g m x j b a g Z I _ e v g h a k Z \ u [h j
 w e _ d l j h] _ g _ j Z « H h e r ». H g i j h k e m ` b \ Z f ^ h e] h F u
 k ^ _ e Z e b \ k _ \ h a f h ` g , h _ q l h [u ^ Z g g h _ b a ^ _ e b _
 m ^ h \ e _ l \ h j y e z h b f a Z i j h k , Z Z d Z q _ k l k h h i \ _ l k l \ h \ Z e h
 e m q r b f f b j h \ u f h [j Z a p . Z f
 = Z j Z g l b c g k u j h d w d k i e m Z I Z p g b j Z I h « j Z e r » — 1] h ^
 F h f _ g l h f g Z q Z e w Z d k i e m Z I Z k o p b d Z _ l k y Z I , Z m d Z a Z g g Z y
 H j] Z g b a Z p i j h ^ Z \ p h f] Z j Z g l b c g l h Z f e h g l j b i h d m i d _
 b a ^ _ e b j y [m c l i j h \ _ j d b] h d h f i e _ d l Z , p l g b r g _] \ h ^ Z
 b i j Z \ b e v g h h Z i h e g _ g] Z j Z g l b c g l h Z f e h g Z < Z r _ f
 i j b k m l k l \ b b k e m q Z h a g b d g h \ _ g b b k i j Z \ g h k l g _ c
 i u l Z c l _ k k Z f h k l h y l _ e j g f h g l b j h \ Z b a ^ _ e b l _ d w l h
 h i Z k g h i j b \ h ^ b d m l j Z I] Z j Z g l . b b

- = Z j Z g l b c g b [y a Z I _ e v k l \ Z
1. B a] h l h \ b l _ e Z j Z g l b j m j Z [h l m w e _ d l j h k l Z g p l Z b
 i j h l y ` _ g b h ^ g h] h ^ Z h ^ g y j h ^ Z ` . b
 2. = Z j Z g l b c g u _ c f h g l g _ i j h b a \ h ^ b l k i j b g Z j m r _ g b b
 l j _ [h \ Z g , b r d Z a Z g \ g i Z d k i h j l _
 3. = Z j Z g l b c g u _ c f h g l g _ i j h b a \ h ^ b l k i j b g Z j m r _ g b b
] Z j Z g l b c g b b f [u g Z d e _) c d b
 4. = Z j Z g l b c g u _ c f h g l i j h b a \ h ^ b l k i j b g Z e b q b i b q Z I b
 n b j f u ^ Z l u i j h ^ Z ` h i h ^ i b k b j h ^ Z \ p Z
 5. l j b h l k m l k l \ i b b Z I b b j f u i j h ^ Z \ p Z Z l u i j h ^ Z ` h e b
 i h ^ i b k b j h ^ Z \ p Z Z j Z g l b c g k u j h d b k q b k e y _ h k y Z l u
 b a] h l h \ e _ g b y

> Z g g u e h d m f _ g l _ h] j Z g b q b \ Z h i j _ ^ _ e _ g g a Z d h g h f
 i j Z \ Z i h l j _ [b l _ , e g h ^ h i h e g y b l m l h q g y h] h \ h j _ g g u _
 a Z d h g h [f y a Z I _ e v , k i l j \ Z ^ i h e Z] Z x s k h _] e Z r _ g k l y j h g

< UIHEG ? G G W : ? ; H L U

G Z b f _ g h \ Z g z k l _ j k d h c

F. I.

< UIHEG ? G G W : ? ; H L U

G Z b f _ g h \ Z g z k l _ j k d h c

F. I.

< UIHEG ? G G W : ? ; H L U

G Z b f _ g h \ Z g z k l _ j k d h c

F. I.

15. M q z i l h k l Z g h \ d b z i _ o g b q _ k d h k e m ` b \ Z g b H

l j b h l d Z a \ j Z [h l _ b e b g _ b k i j Z \ g h k l a ^ _ e b y i _ j b h ^
] Z j Z g l b c g h k j h d Z i h l j _ [b l _ e _ f h e ` _ g [u l v k h k l Z \ e _ g
l _ o g b q _ k h d [h k g h \ Z g g Z d l h g _ h [o h ^ b f h k j | b f h g l Z b
h l i j Z \ d b] h \ Z \ l h j b a h \ Z g g j u h c ^ Z \ p h k _ j \ b k g u p c _ g l j k
m d Z a Z g g Z b f _ g h \ Z g b a y ^ _ e b y] h g h f _ j , Z ^ Z l u \ u i m k , d Z
o Z j Z d l _ j Z n _ d l b Z h a f h ` g u i p b q b g] h h a g b d g h \ _ g b y

H l d Z a Z \ r b b a ^ _ e b y Z d l h f g Z i j Z \ e y x l k i y Z ^ j _ k m
h j] Z g b a Z p h k m s _ k l \ e y x s] Z j Z g l b c g h h [k e m ` b \ Z g b _
B g n h j f Z p h y _ j \ b k g u o g l j Z i p _ ^ h k l Z \ e y _ l i j h y ^ Z \ p h f

M q _ile Z g h \ h] h _ o g b q _ k d m [] k e m ` b \ Z g b y) . E b k 2 .

LH<		GZjZ[hldZZevgZgZkh\	
6	250	1)Ijh_jdZk_qaz`b]Zgby (i.9.3)	FI
7	300	2)AZf_gZ_qaz`b]Zgby hqbki]dZ]Zkb(i.9.3)	FI
8	350	3)H[kem`b]Zg]ha^mrg]h nbev]zi.9.4)	FI
9	400	4)H[kem`b]Zg]bieb]guo nbev]h(i.9.5)	FI
10	450	5)AZf_gZkezi.9.6)	FI
		6)MI_qdZkeZ]hieb]Z	
		8)Ihegu`^b]Z]ghk]bdZ ogp]_k]k]kem`b]Zg]b ih_]dZ]_]meb]h]dZ iZ]Zf_]jh]b]_`bfh]Z[hlu	
		>Z]Zjh_^_gby	
		Hlf_ldZ]h]h_^_gbb (N,B,T,ih^ibkvr]Zii)	
		Ijh]h^b]k	
		J_dhf_g^h]vZ]Znuhlf_ldp g]h]h]h_^_gbb	
		G_j]h]h^b]k	

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