

$$\text{P}_{\text{H}}\text{P}_{\text{U}}\text{C} \dots \text{P}^{\circ}\text{PSC}-\text{P}^{\circ}\text{P} \mid \text{PrC}-\text{C}-\text{C}_j\text{P}^{\circ}\text{C}_{\text{H}}\text{P}^{\circ}\text{C}_{\text{H}}\text{P} \mid \text{P}^{\circ}\text{PePsPrP}^{\circ}\text{PSP}^{\circ}\text{P} \mid \text{C}-\text{C} \mid \text{PSC}-\text{P}_{\text{U}}\text{C}_{\text{H}}\text{P}_{\text{U}}\text{PeC}_{\text{H}}\text{P}^{\circ}.$$

PhPSP°CfC,ChPsP·PsP» C" PīPsC,CrP¶PSPëPj C,P° PIPëCfPsPePsPIPëP±C-CHPePsPIPëPj
PSPµCfC,PµCHPsC—PrPSPëPj C-PSPiC-P±C-C,PScHjPsPj P°CHPsPjP°C,P°P·Pë. Pj P¶C-PSPsPe Cr
PīPsCfC,PjPµPSPsPīP°CfP·P°P»CHbPSPsPjCr PīPµCHjC-PsPrC- PµCfC,CHP°PrC-PsP» PI
PsCfPSPsPIPSPsPjCr PīCHjPsPrCrPeCfC"C,CHbCfC¶ CëP»C¶C...PsPj
PīPµCHjPµC,PIPsCHjPµPSPSC¶ Cr PīPµCHjPëC,,PµCHjPëC±PSPëC... C,PeP°PSPëPSP°C...
P°PSPrCHjPsCfC,PµPSPrC-PsPSCr PI PµCfC,CHjPsPS P·P° PrPsPīPsPjPsPīPsCH
PePsPjPīP»PµPeCfCr C,,PµCHjPjPµPSC,Cr P°CHPsPjP°C,P°P·Pë. P·CfC,CHjPsPS PrP°P»C-
PīPµCHjPµC,PIPsCHjCH"C,CHbCfC¶ PSP° PµCfC,CHjP°PrC-PsP». P—PSPëP¶PµPSPSC¶
CHjC-PIPsC¶ C†PëCHjPeCfP»CHCHC±PsPīPs PµCfC,CHjP°PrC-PsP»Cr PīCHjPsC¶PIP»C¶C"
C,PµCHjP°PīPµPIC,PëC±PSPëPñ PµC,,PµPeC, Cr P¶C-PSPsPe, C...PIPsCHjPëC... PSP° CHjP°Pe
PjPsP»PsC±PSPsC— P·P°P»PsP·Pë. Pj P¶C-PSPsPe Cr PīPsCfC,PjPµPSPsPīP°CfP·P°P»CHbPSPsPjCr
PīPµCHjC-PsPrC- PīCHjPëPñPsPj P°PSP°CfC,CHjPsP·PsP»Cr PI PrPsP±PsPIC-Pñ PrPsP·C- 1 PjPi
PīCHjPëP·PIPsPrPëPI PrPs P·PSPëP¶PµPSPSC¶ CHjC-PIPsC¶ PµCfC,CHjP°PrC-PsP»Cr PSP° 80 %,
C%oPs P±CrP»Ps PīC-PrC,PIPµCHjPrP¶PµPSPs PIPëCfPsPePsC±CrC,P»PëPIPëPj
P°PSP°P»C-C,PëC±PSPëPj C,PµCfC,PsPj.

PhPSP°CfC,CHjPsP·PsP» PSPµ PjP°C" PīCHjPsPīPµCfC,P°PīPµPSPSPsC—,
P°PSPrCHjPsPīPµPSPSPsC— P°P±Ps PµCfC,CHjPsPīPµPSPSPsC— P°PeC,PëPIPsCfC,C-.

PhPSP°CfC,CHjPsP·PsP» Cr PrPsP±PsPIC-Pñ PrPsP·C- PrPs 10 PjPi PSPµ PIPīP»PëPIP°C" PSP°
CfPµPeCHjPµC†C-CH PePsCHjC,PëP·PsP»Cr C,P° P°P»CHbPrPsCfC,PµCHjPsPSCr, C¶PeCr
PIPëPjC-CHjCHjPīP°P»Pë PīPµCHjPµPr C- PīC-CfP»C¶ CfC,P°PSPrP°CHjC,PSPsPīPs C,PµCfC,Cr
PSP° CfC,PëPjCrP»C¶C†C-CH P°PrCHjPµPSPsPePsCHjC,PëPePsC,CHjPsPīPSPsPīPs PīPsCHjPjPsPSCr
(PhPñPñPñPñ). PhC,P¶Pµ, PSPµPjP°C" PīPsC,CHjPµP±Pë Cr P·P°PjC-CfPSPsPjCr PIPiPµPrPµPSPSC-
PePsCHjC,PëPePsCfC,PµCHjPsC—PrC-PI. PñP»C-PSC-C±PSP° PµC,,PµPeC,PëPIPsC-CfC,CH C,P°
P±PµP·PīPµPeP°.

PµPsCëPëCHjPµPSPëPñ CHjP°Pe PjPsP»PsC±PSPsC— P·P°P»PsP·Pë.

PñPµCHjP°PīC-C¶ PīPµCHjCëPsC— P»C-PSC-C— PrP»C¶ P¶C-PSPsPe Cž
PīPsCfC,PjPµPSPsPīP°CžP·P°P»CHbPSPsPjCž PīPµCHjC-PsPrC- P· PīPsCëPëCHjPµPSPëPj
CHjP°PePsPj PjPsP»PsC±PSPsC— P·P°P»PsP·Pë.

P"PIP° PīPsPrPIC-PñPSPëC... CfP»C-PīPëC... PePsPSC,CHjPsP»CHbPsPIP°PSPëC...
PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCb P· PīPsPrC-P±PSPëPj PrPëP·P°PñPSPsPj
(PrPsCfP»C-PrP¶PµPSPSC¶ 1033IL/0030 C,P° PrPsCfP»C-PrP¶PµPSPSC¶ 1033IL/0027)
PīCHjPsIPsPrPëP»Pë P· PjPµC,PsCH PsC†C-PSPëPë PµC,,PµPeC,PëPIPsCfC,C-
P°PSP°CfC,CHjPsP·PsP»Cr PīPsCHjC-PIPsC¶PSPs P· C,P°PjPsPeCfPëC,,PµPSPsPj C¶Pe
PīCHjPµPīP°CHjP°C,PsPj PīPµCHjCëPsC— P»C-PSC-C— PrP»C¶ P»C-PeCfPīP°PSPSC¶
PjC-CfC†PµPIPs-PīPsCëPëCHjPµPSPsPīPs P°P±Ps PjPµC,P°CfC,P°C,PëC±PSPsPīPs CHjP°PeCr
PjPsP»PsC±PSPsC— P·P°P»PsP·Pë P· PīPsP·PëC,PëPIPsPëPjPë P°P±Ps PSPµPIC-PrPsPjPëPjPë
PīPsPeP°P·PSPëPeP°PjPë CHjPµC†PµPīC,PsCHjC-PI PīPsCHjPjPsPSC-PI Cr P¶C-PSPsPe Cr
PīPsCfC,PjPµPSPsPīP°CfP·P°P»CHbPSPsPjCr PīPµCHjC-PsPrC-. P—P°PīP°P»PsPj 1021
PīP°C†C-C"PSC,PeCr P±CrP»Ps CHjP°PSPrPsPjC-P·PsPIP°PSPs PrP»C¶
P·P°CfC,PsCfCrPīP°PSPSC¶ P°PSP°CfC,CHjPsP·PsP»Cr PI PrPsP·C- 1 PjPi 1 CHjP°P· PSP°
PrPsP±Cr P°P±Ps C,P°PjPsPeCfPëC,,PµPSCr Cr PrPsP·C- 20 PjPi 1 CHjP°P· PSP° PrPsP±Cr.
P"PsP»PsPIPsPëPjPë PeC-PSC†PµPIPëPjPë CHjPµP·CrP»CHbC,P°C,P°PjPë PI PsP±PsC...
PrPsCfP»C-PrP¶PµPSPSC¶C... P±CrP»Pë C†P°Cf PrPs PīCHjPsPīCHjPµCfCrPīP°PSPSC¶
PīCrC...P»PëPSPë, C†P°CfC,PsC,P° PsP±bñ™C"PeC,PëPIPsPsC— PIC-PrPīPsPIC-PrC-
PīCrC...P»PëPSPë C,P° P±PµP·PīPµPeP°.

PhC†C-PSPëP° PīPsP»PsPIPsPëC... PeC-PSC†PµPIPëC... PīPsPeP°P·PSPëPeC-PI

PrPsCfP»C-PrP¶PµPSPSC¶ 1033IL/0030 PīC¶PsPrPµPjPsPSCfC,C¶CfPIP°P»P°, C%Ps
P°PSP°CfC,C¶PsP·PsP» PjP°PI CfC,P°C,PēCfC,PēC±PSPs P·PSP°C±CfC%Cr PīPµC¶PµPIP°PīCf
PSP°Pr C,P°PjPsPeCfPēC,,PµPSPsPj C%PsPrPs C±P°CfCf PrPs PīC¶PsPīC¶PµCfCfPIP°PSPSC¶
PīCfC...P»PēPSPē (PIC-PrPSPsC¶PµPSPSC¶ C¶PēP·PēPeC-PI (P'P) 1,42; 95 %
PrPsPIC-C¶C±PēPNē C-PSC,PµC¶PIP°P» (P'P†) [1,11; 1,82], PjPµPrC-P°PSP° C±P°CfCf PrPs
PīC¶PsPīC¶PµCfCfPIP°PSPSC¶ 11,1 C,P° 5,6 PjC-CfC¶C¶C¶ PrP»C¶ P°PSP°CfC,C¶PsP·PsP»Cf
C- C,P°PjPsPeCfPēC,,PµPSCf PIC-PrPīPsPIC-PrPSPs, C¶ 0,006); C±P°CfC,PsC,P°
PsP±B¶™ C"PeC,PēPIPSPsC— PIC-PrPīPsPIC-PrC- PīCfC...P»PēPSPē P±CfP»P°
PsPrPSP°PePsIPsC¶ PrP»C¶ P°PSP°CfC,C¶PsP·PsP»Cf C,P° C,P°PjPsPeCfPēC,,PµPSCf.
P"PsCfP»C-PrP¶PµPSPSC¶ 1033IL/0027 PīC¶PsPrPµPjPsPSCfC,C¶CfPIP°P»Ps, C%Ps
C±P°CfC,PsC,P° PsP±B¶™ C"PeC,PēPIPSPsC— PIC-PrPīPsPIC-PrC- PīCfC...P»PēPSPē C,P° C±P°Cf
PrPs PīC¶PsPīC¶PµCfCfPIP°PSPSC¶ PīCfC...P»PēPSPē PrP»C¶ P°PSP°CfC,C¶PsP·PsP»Cf C,P°
C,P°PjPsPeCfPēC,,PµPSCf P±CfP»Pē PīPsPrC-P±PSPēPjPē. PhC†C-PSPeP° PIC,PsC¶PēPSPSPēC...
PeC-PSC†PµPIPēC... PīPsPeP°P·PSPēPeC-PI PīC-PrC,PIPµC¶PrPēP»P° PsC†C-PSPeCf
PīPsP»PsPIPSPēC... PeC-PSC†PµPIPēC... PīPsPeP°P·PSPēPeC-PI PµC,,PµPeC,PēPIPSPsCfC,C-.
P"PsCfPēC,Ch PSPēP·ChPePēPNē C¶C-PIPµPSCH P»PµC,P°P»ChPSPēC... PSP°CfP»C-PrPeC-PI
Cf PīC¶CfPīP°C... P»C-PeCfPIP°PSPSC¶ PsP±PsC... PrPsCfP»C-PrP¶PµPSCH PSPµ PrP°PI
P·PjPsPīCf P·C¶PsP±PēC,Pē PIPēCfPSPsPIPePē PīC¶Ps PIC-PrPjC-PSPSPsCfC,C-
PīPsPeP°P·PSPēPeC-PI P·P°PīP°P»ChPSPsPīPs PIPēP¶PēPIP°PSPSC¶.

*PjPµC¶P°PīC-C¶ PrC¶C±PīPsC— P»C-PSC-C— PrP»C¶ P¶C-PSPsPe C±
PīPsCfC,PjPµPSPsPīP°C±P·P°P»ChPSPsPjC± PīPµC¶C-PsPrC- P· PīPsC¶PēC¶PµPSPēPj
C¶P°PePsPj PjPsP»PsC±PSPsC— P·P°P»PsP·Pē.*

PjPSP°CfC,C¶PsP·PsP» PIPēPIC±P°P»Pē Cf C...PsPrC- PrPIPsC...
PePsPSC,C¶PsP»ChPsPIP°PSPēC... PeP»C-PSC-C±PSPēC... PrPsCfP»C-PrP¶PµPSCH
(PrPsCfP»C-PrP¶PµPSPSC¶ 0004 C,P° 0005) P· CfC±P°CfC,C¶ P¶C-PSPsPe Cf
PīPsCfC,PjPµPSPsPīP°CfP·P°P»ChPSPsPjCf PīPµC¶C-PsPrC- P· PīPsC¶PēC¶PµPSPēPj
C¶P°PePsPj PjPsP»PsC±PSPsC— P·P°P»PsP·Pē, Cf C¶PePēC... P·P°C...PIPsC¶C¶PIP°PSPSC¶
PīC¶PsPīC¶PµCfCfPIP°P»Ps PīC-CfP»C¶ P»C-PeCfPIP°PSPSC¶ C,P°PjPsPeCfPēC,,PµPSPsPj
PīPsC¶PēC¶PµPSPsPīPs C¶P°PeCf PjPsP»PsC±PSPsC— P·P°P»PsP·Pē P°P±Ps C¶P°PeCf
PjPsP»PsC±PSPsC— P·P°P»PsP·Pē PSP° C¶P°PSPSC-PNē CfC,P°PrC-C—. P—P°PīP°P»PsPj 764
PīP°C†C-C"PSC,PePē P±CfP»Pē C¶P°PSPrPsPjC-P·PsPIP°PSC- PrP»C¶
P·P°CfC,PsCfCfPIP°PSPSC¶ P°PSP°CfC,C¶PsP·PsP»Cf PI PrPsP·C- 1 PjPi P°P±Ps 10 PjPi 1
C¶P°P· PSP° PrPsP±Cf P°P±Ps PjPµPīPµCfC,C¶PsP»Cf P°C†PµC,P°C,Cf Cf PrPsP·C- 40 PjPi 4
C¶P°P·Pē PSP° PrPsP±Cf. P¶P°Cf PrPs PīC¶PsPīC¶PµCfCfPIP°PSPSC¶ C,P° C±P°CfC,PsC,P°
PsP±B¶™ C"PeC,PēPIPSPsC— PIC-PrPīPsPIC-PrC- P±CfP»Pē PsCfPSPsPIPSPēPjPē
PīPsPeP°P·PSPēPeP°PjPē PµC,,PµPeC,PēPIPSPsCfC,C-. PjP°PePsP¶ PIPēP·PSP°C±P°P»Pē
C±P°CfC,PsC,Cf PIPēPīP°PrPeC-PI PīC¶PsP»PsPSPiPsPIP°PSPsPīPs (P±C-P»ChC¶Pµ 24
C,PēP¶PSC-PI) CfC,P°P±C-P»ChPSPsPīPs P·P°C...PIPsC¶C¶PIP°PSPSC¶, C±P°CfC,PsC,Cf
PīC¶PsPīC¶PµCfCfPIP°PSPSC¶ C,P° P·P°PīP°P»ChPSPµ PIPēP¶PēPIP°PSPSC¶. P' PsP±PsC...
PrPsCfP»C-PrP¶PµPSPSC¶C... P·PSP°C±CfC%PēC... PIC-PrPjC-PSPSPsCfC,PµPNē PjC-P¶
PīC¶CfPīP°PjPē P»C-PeCfPIP°PSPSC¶ C%PsPrPs P±CfPrCh-C¶PePsPīPs P·
PīP°C¶P°PjPµC,C¶C-PI PµC,,PµPeC,PēPIPSPsCfC,C- PIPēC¶PIP»PµPSPs PSPµ P±CfP»Ps.
PjPre¶™ C¶PIP°PSC,PSPµ P»C-PeC±PIP°PSPSC¶ C-PSPIP°P·PēPIPSPsPīPs C¶P°PeC±
PjPsP»PsC±PSPsC— P·P°P»PsP·Pē P· PīPsP·PēC,PēPIPSPēPjPē PīPsPeP°P·PSPēPeP°PjPē
C¶PµC†PµPīC,PsC¶C-PI PīPsC¶PjPsPSC-PI PSP° C¶P°PSPSC-C... CfC,P°PrC-C¶C....

Pj C...PsPrC- PIPµP»PēPePsPīPs PrPsCfP»C-PrP¶PµPSPSC¶ P†P†P† C,,P°P·Pē, C%Ps
PīC¶PsPIPsPrPēP»Pē P· CfC±P°CfC,C¶ 9366 P¶C-PSPsPe Cf
PīPsCfC,PjPµPSPsPīP°CfP·P°P»ChPSPsPjCf PīPµC¶C-PsPrC- P· PsPīPµC¶P°P±PµP»ChPSPēPj

$C\bar{H}P^{\circ}PePsP_j P_jPsP \gg PsC \ddagger PSPsC - P \cdot P^{\circ}P \gg PsP \cdot P\ddot{e}, C\bar{I}PeP\ddot{e}C \dots P \gg C - PeC\bar{r}PIP^{\circ}P \gg P\ddot{e} P\bar{i}C\bar{H}PsC, C\bar{I}PiPsP_j 5$
 $C\bar{H}PsPeC - PI (PrP\ddot{e}PI. PSP\ddot{e}P\bar{I}C \ddagger P_{\mu}), P^{\circ}PSP^{\circ}C\bar{I}C, C\bar{H}PsP \cdot PsP \gg C\bar{I}C, P^{\circ}C, P\ddot{e}C\bar{I}C, P\ddot{e}C \ddagger PSPs$
 $P\bar{i}P_{\mu}C\bar{H}P_{\mu}PIP^{\circ}P\bar{I}P^{\circ}PI C, P^{\circ}P_jPsPeC\bar{I}P\ddot{e}C, P_{\mu}PS C\%_{\infty}PsPrPs P\bar{i}PsPeP^{\circ}P \cdot PSP\ddot{e}PeP^{\circ}$
 $PIP\ddot{e}P\bar{I}P\ddot{e}PIP^{\circ}PSPSC\bar{I} P \pm P_{\mu}P \cdot C \dots PIPsC\bar{H}PsP \pm P\ddot{e}. P - PSP^{\circ}C \ddagger PSPs P \pm C - P \gg CHC\bar{e}C -$
 $P\bar{i}P_{\mu}C\bar{H}P_{\mu}PIP^{\circ}PiP\ddot{e} C\%_{\infty}PsPrPs P\bar{i}PsPeP^{\circ}P \cdot PSP\ddot{e}PeP^{\circ} PIP\ddot{e}P\bar{I}P\ddot{e}PIP^{\circ}PSPSC\bar{I} P \pm P_{\mu}P \cdot$
 $C \dots PIPsC\bar{H}PsP \pm P\ddot{e} C\bar{I}P\bar{i}PsC\bar{I}C, P_{\mu}C\bar{H}C - PiP^{\circ}P \gg P\ddot{e}C\bar{I}C\bar{I} PSP^{\circ} PePsC\bar{H}P\ddot{e}C\bar{I}C, CH$
 $P^{\circ}PSP^{\circ}C\bar{I}C, C\bar{H}PsP \cdot PsP \gg C\bar{r} P\bar{i}PsC\bar{H}C - PIPSC\bar{I}PSPs P \cdot C, P^{\circ}P_jPsPeC\bar{I}P\ddot{e}C, P_{\mu}PSPsP_j C\bar{r}$
 $P\bar{i}C\bar{H}PsC\bar{I}P\bar{i}P_{\mu}PeC, P\ddot{e}PIPSPs PIP\ddot{e}P \cdot PSP^{\circ}C \ddagger P_{\mu}PSC - P_{N\ddot{e}} P\bar{i}PsP\bar{i}C\bar{r}P \gg C\bar{I}C \ddagger C - C - P \cdot$
 $P\bar{i}PsP \cdot P\ddot{e}C, P\ddot{e}PIPSP\ddot{e}P_jP\ddot{e} P\bar{i}PsPeP^{\circ}P \cdot PSP\ddot{e}PeP^{\circ}P_jP\ddot{e} C\bar{H}P_{\mu}C \ddagger P_{\mu}P\bar{i}C, PsC\bar{H}C - PI P\bar{i}PsC\bar{H}P_jPsPSC - PI.$

$P\ddot{Y}C\bar{r}P_jP^{\circ}C\bar{H}PSP^{\circ} C, P^{\circ}P \pm P \gg P\ddot{e}C \ddagger C\bar{I} PeC - PSC \ddagger P_{\mu}PIP\ddot{e}C \dots P\bar{i}PsPeP^{\circ}P \cdot PSP\ddot{e}PeC - PI,$
 $PsC, C\bar{H}P\ddot{e}P_jP^{\circ}PSP\ddot{e}C \dots P\bar{i}C - Pr C \ddagger P^{\circ}C\bar{I} PrPsC\bar{I}P \gg C - PrP\bar{I}P_{\mu}PSPSC\bar{I} P_{\bar{h}}P\ddot{Y}P_{\bar{h}}P\ddot{Y}:$

$P^{\circ}PSP^{\circ}P \gg C - P \cdot P\bar{i}C - C\bar{I}P \gg C\bar{I} P \cdot P^{\circ}PIP_{\mu}C\bar{H}C\bar{e}P_{\mu}PSPSC\bar{I} P \gg C - PeC\bar{r}PIP^{\circ}PSPSC\bar{I}, C\%_{\infty}Ps$
 $C, C\bar{H}P\ddot{e}PIP^{\circ}P \gg Ps 5 C\bar{H}PsPeC - PI$

$P\ddot{Y}P^{\circ}P \pm P \gg P\ddot{e}C \ddagger C\bar{I} 1$

$P_{\bar{L}}C - PSC \ddagger P_{\mu}PIC - P\bar{i}PsPeP^{\circ}P \cdot PSP\ddot{e}PeP\ddot{e} P_{\mu}C, P_{\mu}PeC, P\ddot{e}PIPSPsC\bar{I}C, C -$	$P_{\bar{L}}C - P \gg CHPeC - C\bar{I}C, CH PIP\ddot{e}P\bar{i}P^{\circ}PrPeC - PI (C \ddagger P^{\circ}C\bar{I}C, PsC, P^{\circ})$		
	$ITT - P\bar{i}PsP\bar{i}C\bar{r}P \gg C\bar{I}C \ddagger C - C\bar{I} (P\bar{i}PsP\bar{i}C\bar{r}P \gg C\bar{I}C \ddagger C - C\bar{I} P \cdot PiC - PrPSPs P \cdot P\bar{i}C\bar{H}P\ddot{e}P \cdot PSP^{\circ}C \ddagger P_{\mu}PSP\ddot{e}P_j P \gg C - PeC\bar{r}PIP^{\circ}PSPSC\bar{I}P_j)$	$P_{\mu}C\bar{r}C \dots P \gg P\ddot{e}PSP^{\circ} P \cdot P\bar{i}PsP \cdot P\ddot{e}C, P\ddot{e}PIPSP\ddot{e}P_jP\ddot{e} P\bar{i}PsPeP^{\circ}P \cdot PSP\ddot{e}PeP^{\circ}P_jP\ddot{e} C\bar{H}P_{\mu}C \ddagger P_{\mu}P\bar{i}C, PsC\bar{H}C - PI P\bar{i}PsC\bar{H}P_jPsPSC - PI$	
	$P_{\bar{h}}PSP^{\circ}C\bar{I}C, C\bar{H}PsP \cdot PsP \gg P\ddot{Y}P^{\circ}P_jPsPeC\bar{I}P\ddot{e}C, P_{\mu}PS (N=3125)$	$P_{\bar{h}}PSP^{\circ}C\bar{I}C, C\bar{H}PsP \cdot PsP \gg P\ddot{Y}P^{\circ}P_jPsPeC\bar{I}P\ddot{e}C, P_{\mu}PS (N=3116)$	$P_{\bar{h}}PSP^{\circ}C\bar{I}C, C\bar{H}PsP \cdot PsP \gg P\ddot{Y}P^{\circ}P_jPsPeC\bar{I}P\ddot{e}C, P_{\mu}PS (N=2618)$
$P^{\circ}P\ddot{e}P\bar{I}P\ddot{e}PIP^{\circ}PSPSC\bar{I} P \pm P_{\mu}P \cdot P \cdot P^{\circ}C \dots PIPsC\bar{H}C\bar{H}PIP^{\circ}PSPSC\bar{I}^a$	575 (18,4)	651 (20,9)	424 (16,2)
$P^{\circ}C - PrPSPsC\bar{e}P_{\mu}PSPSC\bar{I} C\bar{H}P\ddot{e}P \cdot P\ddot{e}PeC - PI$	0,87		0,83
$P^{\circ}PIPSP \pm C - C \ddagger PSP\ddot{e}P_{N\ddot{e}} 95 \% P^{\circ}P \ddagger$	0,78 $\overline{b\bar{H}}$ “0,97		0,73 $\overline{b\bar{H}}$ “0,94
$p - P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC\bar{I}$	0,0127		0,0049
$P^{\circ}P\ddot{e}P\bar{I}P\ddot{e}PIP^{\circ}PSC - C\bar{I}C, CH P \pm P_{\mu}P \cdot P_jP_{\mu}C, P^{\circ}C\bar{I}C, P^{\circ}P \cdot C \ddagger PIP^{\circ}PSPSC\bar{I} P \cdot P^{\circ}C \dots PIPsC\bar{H}C\bar{H}PIP^{\circ}PSPSC\bar{I}^b$	500 (16,0)	530 (17,0)	370 (14,1)
$P^{\circ}C - PrPSPsC\bar{e}P_{\mu}PSPSC\bar{I} C\bar{H}P\ddot{e}P \cdot P\ddot{e}PeC - PI$	0,94		0,93
$P^{\circ}PIPSP \pm C - C \ddagger PSP\ddot{e}P_{N\ddot{e}} 95 \% P^{\circ}P \ddagger$	0,83 $\overline{b\bar{H}}$ “1,06		0,80 $\overline{b\bar{H}}$ “1,07
$p - P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC\bar{I}$	0,2850		0,2838
$P\bar{s}P^{\circ}C\bar{I} PrPs PSP^{\circ}C\bar{I}C, P^{\circ}PSPSC\bar{I} C\bar{H}P_{\mu}C \ddagger P\ddot{e}PrP\ddot{e}PIC\bar{e}$	402 (12,9)	498 (16,0)	282 (10,8)
$P^{\circ}C - PrPSPsC\bar{e}P_{\mu}PSPSC\bar{I} C\bar{H}P\ddot{e}P \cdot P\ddot{e}PeC - PI$	0,79		0,74
$P^{\circ}PIPSP \pm C - C \ddagger PSP\ddot{e}P_{N\ddot{e}} 95 \% P^{\circ}P \ddagger$	0,70 $\overline{b\bar{H}}$ “0,90		0,64 $\overline{b\bar{H}}$ “0,87
$p - P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC\bar{I}$	0,0005		0,0002
$P\bar{s}P^{\circ}C\bar{I} PrPs PSP^{\circ}C\bar{I}C, P^{\circ}PSPSC\bar{I} C\bar{H}P_{\mu}C \ddagger P\ddot{e}PrP\ddot{e}PIC\bar{e} P_jP_{\mu}C, P^{\circ}C\bar{I}C, P^{\circ}P \cdot C \ddagger PIP^{\circ}PSPSC\bar{I}^d$	324 (10,4)	375 (12,0)	226 (8,6)
$P^{\circ}C - PrPSPsC\bar{e}P_{\mu}PSPSC\bar{I} C\bar{H}P\ddot{e}P \cdot P\ddot{e}PeC - PI$	0,86		0,84
$P^{\circ}PIPSP \pm C - C \ddagger PSP\ddot{e}P_{N\ddot{e}} 95 \% P^{\circ}P \ddagger$	0,74 $\overline{b\bar{H}}$ “0,99		0,70 $\overline{b\bar{H}}$ “1,00
$p - P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC\bar{I}$	0,0427		0,0559
$P^{\circ}PsPiPSP\ddot{e}C\%_{\infty}P_{\mu}C\bar{e} PePsPSC, C\bar{H}P \gg P^{\circ}C, P_{\mu}C\bar{H}P \gg CHPSC - P_{N\ddot{e}} P_jPsP \gg PsC \ddagger PSC - P_{N\ddot{e}} P \cdot P^{\circ}P \gg PsP \cdot C -$	35 (1,1)	59 (1,9)	26 (1,0)
$P^{\circ}C - PrPSPsC\bar{e}P_{\mu}PSPSC\bar{I} C\bar{H}P\ddot{e}P \cdot P\ddot{e}PeC - PI$	0,59		0,47
$P^{\circ}PIPSP \pm C - C \ddagger PSP\ddot{e}P_{N\ddot{e}} 95 \% P^{\circ}P \ddagger$	0,39 $\overline{b\bar{H}}$ “0,89		0,30 $\overline{b\bar{H}}$ “0,76
$p - P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC\bar{I}$	0,0131		0,0018
$P - P^{\circ}PiP^{\circ}P \gg CHPSP^{\circ} PIP\ddot{e}P\bar{I}P\ddot{e}PIP^{\circ}PSC - C\bar{I}C, CH^e$	411 (13,2)	420 (13,5)	296 (11,3)
$P^{\circ}C - PrPSPsC\bar{e}P_{\mu}PSPSC\bar{I} C\bar{H}P\ddot{e}P \cdot P\ddot{e}PeC - PI$	0,97		0,97
$P^{\circ}PIPSP \pm C - C \ddagger PSP\ddot{e}P_{N\ddot{e}} 95 \% P^{\circ}P \ddagger$	0,85 $\overline{b\bar{H}}$ “1,12		0,83 $\overline{b\bar{H}}$ “1,14
$p - P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC\bar{I}$	0,7142		0,7339

^рР_μPsPeP°P·PSPëPe PIPëP¶PëPIP°PSPSCЦ P±P_μP· P·P°C...PIPsCЦCЦHIP°PSPSCЦ
PIPeP»CЦC±P°C” PICГC- PIPëP°P°PrPePë CЦP_μC†PëPrPëPIC-PI C,P°
PIPëP·PSP°C±P°C”C,ЧБГГЦЦ ЦЦPe PïP_μCЦCëPëPNë P_μPiC-P·PsPr PjC-ГГC†P_μPIPsPiPs
CЦP_μPiC-PsPSP°P»ЧБPSPsPiPs CЦP_μC†PëPrPëPICр, PePsPSC,CЦP»P°C,P_μCЦP°P»ЧБPSPëPNë
CЦP°Pe PjPsP»PsC±PSPsC— P·P°P»PsP·Pë, PIC-PrPrP°P»P_μPSPëPNë CЦP_μC†PëPrPëPI P°P±Ps
P»P_μC,P°P»ЧБPSPëPNë PSP°ГГP»C-PrPsPe (P· P±C†PrЧБ-ЦЦPePsC— PïCЦPëC±PëPSPë).

^бP°PëP¶PëPIP°PSPSCЦ P±P_μP· PjP_μC,P°ГГC,P°P·C†PIP°PSPSCЦ P·P°C...PIPsCЦCЦHIP°PSPSCЦ
PIPëP·PSP°C±P°C”C,ЧБГГЦЦ ЦЦPe PïP_μCЦCëPëPNë P_μPiC-P·PsPr CЦP_μC†PëPrPëPICр
PjP_μC,P°ГГC,P°P·C†PIP°PSPSCЦ P°P±Ps P»P_μC,P°P»ЧБPSPëPNë PSP°ГГP»C-PrPsPe (P·
P±C†PrЧБ-ЦЦPePsC— PïCЦPëC±PëPSPë).

^сP§P°ГГ PrPs PSP°ГГC,P°PSPSCЦ CЦP_μC†PëPrPëPICр PIPëP·PSP°C±P°C”C,ЧБГГЦЦ ЦЦPe
PïP_μCЦCëPëPNë P_μPiC-P·PsPr PjC-ГГC†P_μPIPsPiPs CЦP_μPiC-PsPSP°P»ЧБPSPsPiPs
CЦP_μC†PëPrPëPICр, PePsPSC,CЦP»P°C,P_μCЦP°P»ЧБPSPëPNë CЦP°Pe PjPsP»PsC±PSPsC—
P·P°P»PsP·Pë, PIC-PrPrP°P»P_μPSPëPNë CЦP_μC†PëPrPëPI P°P±Ps P»P_μC,P°P»ЧБPSPëPNë
PSP°ГГP»C-PrPsPe P· PïCЦPëC±PëPSPë CЦP°PeCр PjPsP»PsC±PSPsC— P·P°P»PsP·Pë.

^дP§P°ГГ PrPs PSP°ГГC,P°PSPSCЦ CЦP_μC†PëPrPëPICр PjP_μC,P°ГГC,P°P·C†PIP°PSPSCЦ
PIPëP·PSP°C±P°C”C,ЧБГГЦЦ ЦЦPe PïP_μCЦCëPëPNë P_μPiC-P·PsPr CЦP_μC†PëPrPëPICр
PjP_μC,P°ГГC,P°P·C†PIP°PSPSCЦ P°P±Ps P»P_μC,P°P»ЧБPSPëPNë PSP°ГГP»C-PrPsPe P·
PïCЦPëC±PëPSPë CЦP°PeCр PjPsP»PsC±PSPsC— P·P°P»PsP·Pë.

^μP_μC-P»ЧБPeC-ГГC,ЧБ (%) PïP°C†C-C”PSC,C-PI, C%Ps PïPsPjP_μCЦP»Pë.

P_μPsPjP±C-PSP°C†C-ЦЦ P°PSP°ГГC,CЦPsP·PsP»Cр C,P° C,P°PjPsPeCГГPëC„P_μPSCр PSP_μ
PïCЦPsPrP_μPjPsPSCГГC,CЦCрPIP°P»P° P±C-P»ЧБCëPsC— P_μC„P_μPeC,PëPIPSPsCГГC,C-
PïPsCЦC-PIPSЦIPSPs P· C,P°PjPsPeCГГPëC„P_μPSPsPj Cр PICГC-C... PïP°C†C-C”PSC,C-PI, P°
C,P°PePsP¶ Cр PïCЦCрPïC- PïP°C†C-C”PSC,C-PI P· PïPsP·PëC,PëPIPSPëPjPë
PïPsPeP°P·PSPëPeP°PjPë CЦP_μC†P_μPiC,PsCЦP° PïPsCЦPjPsPSCр. P|ЦЦ PïCЦCрPïP°
P»C-PeCрPIP°PSPSCЦ P±CрP»P° PIPëPIP_μPrP_μPSP° P· PrPsCГГP»C-PrP¶P_μPSPSCЦ.
P—PiC-PrPSPs P· PsPSPsPIP»P_μPSPëPjPë PrP°PSPëPjPë C%PsPrPs PïPsPrP°P»ЧБCëPsPiPs
CГГPïPsCГГC,P_μCЦP_μP¶P_μPSPSCЦ P· PjP_μPrC-P°PSPsCЦ 10 CЦPsPeC-PI,
PrPsPIPiPsCГГC,CЦPsPePsPIC- P_μC„P_μPeC,Pë P»C-PeCрPIP°PSPSCЦ P°PSP°ГГC,CЦPsP·PsP»PsPj
PïPsCЦC-PIPSЦIPSPs P· C,P°PjPsPeCГГPëC„P_μPSPsPj CрP·PiPsPrP¶CрCЦC,ЧБГГЦЦ P·
PïPsPïP_μCЦP_μPrPSC-Pj P°PSP°P»C-P·PsPj.

PjPrë¶™ CЦHIP°PSC,PSP_μ P»C-PeCзPIP°PSPSCЦ C-PSPIP°P·PëPIPSPsPiPs CЦP°PeCз
PjPsP»PsC±PSPsC— P·P°P»PsP·Pë P· PïPsP·PëC,PëPIPSPëPjPë PïPsPeP°P·PSPëPeP°PjPë
CЦP_μC†P_μPiC,PsCЦC-PI PïPsCЦPjPsPSCз PSP° CЦP°PSPSC-C... CГГC,P°PrC-ЦЦC... Cз
P¶C-PSPsPe, ЦЦPePëPj P±CзP»P° PïCЦPsPIP_μPrP_μPSP° P°Prë¶™ CЦHIP°PSC,PSP°
C,P_μCЦP°PïC-ЦЦ C,P°PjPsPeCГГPëC„P_μPSPsPj.

PJ C...PsPrC- PeP»C-PSC-C±PSPsPiPs PrPsCГГP»C-PrP¶P_μPSPSCЦ P†P†P† C„P°P·Pë (Austrian
Breast and Colorectal Cancer Study Group [ABCSCG] 8), PI ЦЦPePsPjCр P±CЦP°P»Pë
CрC±P°ГГC,ЧБ 2579 P¶C-PSPsPe Cр PïPsCГГC,PjP_μPSPsPïP°CрP·P°P»ЧБPSPsPjCр
PïP_μCЦC-PsPrC-, ЦЦPeC- CГГC,CЦP°P¶PrP°P»Pë PSP° CЦP°Pe PjPsP»PsC±PSPsC— P·P°P»PsP·Pë P·
PïPsP·PëC,PëPIPSPëPjPë PïPsPeP°P·PSPëPeP°PjPë CЦP_μC†P_μPiC,PsCЦP° PïPsCЦPjPsPSCр PSP°
CЦP°PSPSC-C... CГГC,P°PrC-ЦЦC... C,P° ЦЦPePëPj P±CрP»Ps PïCЦPsPIP_μPrP_μPSPs
C...C-CЦCрCЦPiC-C±PSP_μ PIC,CЦCрC±P°PSPSCЦ P· CЦP°PrC-PsC,P_μCЦP°PïC-C”CЦ P°P±Ps

$P \pm P_{\mu}P \cdot PSP_{\mu}C -$, $P^{\circ}P \gg P_{\mu} C \downarrow P e P \ddot{e} P_j PSP_{\mu} P \ddot{e} C \ddot{H} P s P I P s P r P \ddot{e} P \gg P \ddot{e} C \dots C - P_j C - P s C, P_{\mu} C \ddot{H} P^{\circ} P \ddot{e} C - C \ddot{H}$
 $(P r P \ddot{e} P l. PSP \ddot{e} P \uparrow C \ddagger P_{\mu})$, $P \ddot{e} P s P e P^{\circ} P \cdot PSP \ddot{e} P e P \ddot{e} P I P \ddot{e} P \uparrow P \ddot{e} P I P^{\circ} P S P S C \downarrow P \pm P_{\mu} P \cdot$
 $P \cdot P^{\circ} C \dots P I P s C \ddot{H} C \ddot{H} P I P^{\circ} P S P S C \downarrow C r P i C \ddot{H} C r P \ddot{e} C - P \ddot{e} P^{\circ} C \uparrow C - C^{\circ} P S C, C - P l, C \downarrow P e C - P \pm C r P \gg P \ddot{e}$
 $P \ddot{e} P_{\mu} C \ddot{H} P_{\mu} P I P_{\mu} P r P_{\mu} P S C - P S P^{\circ} P^{\circ} P S P^{\circ} C \ddot{e} C, C \ddot{H} P s P \cdot P s P \gg P \ddot{e} C - C \ddot{e} P \gg C \downarrow 2 C \ddot{H} P s P e C - P l$
 $P^{\circ} P r P \ddot{e} P \uparrow C \ddot{H} P I P^{\circ} P S C, P S P s C - C, P_{\mu} C \ddot{H} P^{\circ} P \ddot{e} C - C, P^{\circ} P_j P s P e C \ddot{e} P \ddot{e} C, P_{\mu} P S P s P_j,$
 $C \ddot{e} C, P^{\circ} C, P \ddot{e} C \ddot{e} C, P \ddot{e} C \ddagger P S P s P \ddot{e} P_{\mu} C \ddot{H} P_{\mu} P I P^{\circ} P \uparrow P^{\circ} P \gg P \ddot{e} C, P^{\circ} P e C - P \ddot{e} P s P e P^{\circ} P \cdot P S P \ddot{e} P e P \ddot{e} C r P i C \ddot{H} C r P \ddot{e} C -$
 $P \ddot{e} P^{\circ} C \uparrow C - C^{\circ} P S C, C - P l, C \downarrow P e C - P \ddot{e} C \ddot{H} P s P r P s P I P \uparrow C r P I P^{\circ} P \gg P \ddot{e} P \cdot P^{\circ} C \ddot{e} C, P s C \ddot{e} P s P I C r P I P^{\circ} C, P \ddot{e}$
 $C, P^{\circ} P_j P s P e C \ddot{e} P \ddot{e} C, P_{\mu} P S, P \ddot{e} C - C \ddot{e} P \gg C \downarrow P \ddot{e} P_{\mu} C \ddot{H} C - P s P r C r P \ddot{e} P s P r P^{\circ} P \gg C \ddot{H} C \ddot{e} P s P i P s$
 $C \ddot{e} P i P s C \ddot{e} C, P_{\mu} C \ddot{H} P_{\mu} P \uparrow P_{\mu} P S P S C \downarrow P \cdot P_j P_{\mu} P r C - P^{\circ} P S P s C \ddot{H} 24 P_j C - C \ddot{e} C \downarrow C \uparrow C -$

$P \ddot{y} C r P_j P^{\circ} C \ddot{H} P S P^{\circ} C, P^{\circ} P \pm P \gg P \ddot{e} C \uparrow C \downarrow P e C - P S C \uparrow P_{\mu} P I P \ddot{e} C \dots P \ddot{e} P s P e P^{\circ} P \cdot P S P \ddot{e} P e C - P l C, P^{\circ}$
 $C \ddot{H} P_{\mu} P \cdot C r P \gg C \ddot{H} C, P^{\circ} C, C - P l P r P s C \ddot{e} P \gg C - P r P \uparrow P_{\mu} P S P S C \downarrow A B C S G 8$

$P \ddot{y} P^{\circ} P \pm P \gg P \ddot{e} C \uparrow C \downarrow 2$

$P_{\mu} C - P S C \uparrow P_{\mu} P I C - P \ddot{e} P s P e P^{\circ} P \cdot P S P \ddot{e} P e P \ddot{e}$ $P_{\mu} C, P_{\mu} P e C, P \ddot{e} P I P S P s C \ddot{e} C, C -$ $P' P \ddot{e} P \uparrow P \ddot{e} P I P^{\circ} P S C - C \ddot{e} C, C \ddot{H} P \pm P_{\mu} P \cdot$ $P \cdot P^{\circ} C \dots P I P s C \ddot{H} C \ddot{H} P I P^{\circ} P S P S C \downarrow$ $P' C - P r P S P s C \ddot{e} P_{\mu} P S P S C \downarrow C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e C - P l$ $P'' P I P s P \pm C - C \ddagger P S P \ddot{e} P N_{\ddot{e}} 95 \% P'' P \uparrow$ $p - P \cdot P S P^{\circ} C \ddagger P_{\mu} P S P S C \downarrow$ $P \ddot{y} P^{\circ} C \ddot{e} P r P s P S P^{\circ} C \ddot{e} C, P^{\circ} P S P S C \downarrow P \pm C \ddagger P r C \ddot{H} -$ $C \downarrow P e P s P i P s C \ddot{H} P_{\mu} C \uparrow P \ddot{e} P r P \ddot{e} P I C \ddot{e}$ $P' C - P r P S P s C \ddot{e} P_{\mu} P S P S C \downarrow C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e C - P l$ $P'' P I P s P \pm C - C \ddagger P S P \ddot{e} P N_{\ddot{e}} 95 \% P'' P \uparrow$ $p - P \cdot P S P^{\circ} C \ddagger P_{\mu} P S P S C \downarrow$ $P \ddot{y} P^{\circ} C \ddot{e} P r P s P S P^{\circ} C \ddot{e} C, P^{\circ} P S P S C \downarrow$ $C \ddot{H} P_{\mu} C \uparrow P \ddot{e} P r P \ddot{e} P I C \ddot{e}$ $P_j P_{\mu} C, P^{\circ} C \ddot{e} C, P^{\circ} P \cdot C \ddagger P I P^{\circ} P S P S C \downarrow$ $P' C - P r P S P s C \ddot{e} P_{\mu} P S P S C \downarrow C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e C - P l$ $P'' P I P s P \pm C - C \ddagger P S P \ddot{e} P N_{\ddot{e}} 95 \% P'' P \uparrow$ $p - P \cdot P S P^{\circ} C \ddagger P_{\mu} P S P S C \downarrow$ $P \acute{e} P s P I P \ddot{e} P N_{\ddot{e}}$ $P e P s P S C, C \ddot{H} P \gg P^{\circ} C, P_{\mu} C \ddot{H} P^{\circ} P \gg C \ddot{H} P S P \ddot{e} P N_{\ddot{e}} C \ddot{H} P^{\circ} P e$ $P_j P s P \gg P s C \ddagger P S P s C - P \cdot P^{\circ} P \gg P s P \cdot P \ddot{e}$ $P' C - P r P S P s C \ddot{e} P_{\mu} P S P S C \downarrow C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e C - P l$ $P'' P I P s P \pm C - C \ddagger P S P \ddot{e} P N_{\ddot{e}} 95 \% P'' P \uparrow$ $p - P \cdot P S P^{\circ} C \ddagger P_{\mu} P S P S C \downarrow$ $P - P^{\circ} P i P^{\circ} P \gg C \ddot{H} P S P^{\circ} P I P \ddot{e} P \uparrow P \ddot{e} P I P^{\circ} P S C - C \ddot{e} C, C \ddot{H}$ $P' C - P r P S P s C \ddot{e} P_{\mu} P S P S C \downarrow C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e C - P l$ $P'' P I P s P \pm C - C \ddagger P S P \ddot{e} P N_{\ddot{e}} 95 \% P'' P \uparrow$ $p - P \cdot P S P^{\circ} C \ddagger P_{\mu} P S P S C \downarrow$	$P_{\mu} C - P \gg C \ddot{H} P e C - C \ddot{e} C, C \ddot{H} P I P \ddot{e} P i P^{\circ} P r P e C - P l$ $(C \ddagger P^{\circ} C \ddot{e} C, P s C, P^{\circ})$ $P \ddot{y} P S P^{\circ} C \ddot{e} C, C \ddot{H} P s P \cdot P s P \gg P \ddot{y} P^{\circ} P_j P s P e C \ddot{e} P \ddot{e} C, P_{\mu} P S$ $(N=1297) (N=1282)$ $65 (5,0) 93 (7,3)$ $0,67$ $0,49 \text{БГ}^{\circ} 0,92$ $0,014$ $36 (2,8) 66 (5,1)$ $0,53$ $0,35 \text{БГ}^{\circ} 0,79$ $0,002$ $22 (1,7) 41 (3,2)$ $0,52$ $0,31 \text{БГ}^{\circ} 0,88$ $0,015$ $7 (0,5) 15 (1,2)$ $0,46$ $0,19 \text{БГ}^{\circ} 1,13$ $0,090$ $43 (3,3) 45 (3,5)$ $0,96$ $0,63 \text{БГ}^{\circ} 1,46$ $0,840$
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$P'' P I P^{\circ} P \ddot{e} P s P r P^{\circ} P \gg C \ddot{H} C \ddot{e} C - P \ddot{e} P s P r C - P \pm P S C - P r P s C \ddot{e} P \gg C - P r P \uparrow P_{\mu} P S P S C \downarrow (G A B G / A R N O 95 C, P^{\circ}$
 $I T A), P l P s P r P S P s P_j C r P \cdot C \downarrow P e P \ddot{e} C \dots P \ddot{e} P^{\circ} C \uparrow C - C^{\circ} P S C, P e P \ddot{e} P s C, C \ddot{H} P \ddot{e} P_j C r P I P^{\circ} P \gg P \ddot{e}$
 $C \dots C - C \ddot{e} C r C \ddot{H} P i C - C \ddagger P S P_{\mu} P \gg C - P e C r P I P^{\circ} P S P S C \downarrow C, P^{\circ} C \dots C - P_j C - P s C, P_{\mu} C \ddot{H} P^{\circ} P \ddot{e} C - C \ddot{H}, P^{\circ}$
 $C, P^{\circ} P e P s P \uparrow P e P s P_j P \pm C - P S P s P I P^{\circ} P S P \ddot{e} P N_{\ddot{e}} P^{\circ} P S P^{\circ} P \gg C - P \cdot P r P s C \ddot{e} P \gg C - P r P \uparrow P_{\mu} P S C \ddot{H} A B C S G 8 C, P^{\circ}$
 $G A B G / A R N O 95 P \ddot{e} C - P r C, P I P_{\mu} C \ddot{H} P r P \uparrow C r C \ddot{H} C, C \ddot{H} C \uparrow C - C \ddot{H} P_{\mu} P \cdot C r P \gg C \ddot{H} C, P^{\circ} C, P \ddot{e}.$

$P' P_{\mu} P \cdot P i P_{\mu} P e P^{\circ} P^{\circ} P S P^{\circ} C \ddot{e} C, C \ddot{H} P s P \cdot P s P \gg C r C r C \uparrow P \ddot{e} C \dots C, C \ddot{H} C \ddot{H} P s C \dots$

PrPsCfP»C-PrP¶PµPSPSC¶C... PIC-PrP¶PsPIC-PrP°P»P° P¶C¶PsC,,C-P»C¶ P±PµP·P¶PµPePë,
C%oPs P±CfPI PIC¶C,P°PSPsPIP»PµPSPëP¶ C¶ P¶C-PSPsPe C¶
P¶PsCfC,PjPµPSPsP¶P°CfP·P°P»CHPSPsPjC¶ P¶PµC¶C-PsPrC- P· C¶P°PePsPj PjPsP»PsC¶PSPsC—
P·P°P»PsP·Pë P· P¶PsP·PëC,PëPIPSpëPjPë P¶PsPeP°P·PSPëPeP°PjPë C¶PµC¶PµP¶C,PsC¶P°
PiPsC¶PjPsPSC¶ PSP° C¶P°PSPSC-C... C¶C,P°PrC-C¶C....

P¶C-PSPµC¶P°P»CHPSP° C%oC-P»CHPSC-C¶C,CH PeC-C¶C,PsPe (P¶P©P¶).

PJ PrPsCfP»C-PrP¶PµPSPSC- III/IV C,,P°P·Pë (Study of Anastrozole with the Bisphosphonate
Risedronate [SABRE]) 234 P¶C-PSPëPë C¶ P¶PsCfC,PjPµPSPsP¶P°CfP·P°P»CHPSPsPjC¶
P¶PµC¶C-PsPrC- P· C¶P°PSPSC-Pj C¶P°PePsPj PjPsP»PsC¶PSPsC— P·P°P»PsP·Pë P·
P¶PsP·PëC,PëPIPSpëPjPë P¶PsPeP°P·PSPëPeP°PjPë C¶PµC¶PµP¶C,PsC¶C-PI PiPsC¶PjPsPSC-PI,
C¶PePëPj P¶P»P°PSC¶P¶P°P»PsCfC¶ P¶C¶PëP·PSP°C¶PµPSPSC¶ P°PSP°CfC,C¶PsP·PsP»C¶ PI
PrPsP·C- 1 PjPi/PrPsP±C¶, P±CfP»Pë C¶PsP·P¶PsPrC-P»PµPSC- PSP° PiC¶CfP¶Pë P·
PSPëP·CHPePëPj, C¶PµC¶PµPrPSC-Pj C,P° P¶PëCfPsPePëPj C¶PëP·PëPePsPj
PIC-PrP¶PsPIC-PrPSPs PrPs C-C¶PSC¶C¶C¶PsPiPs C¶ PSPëC... C¶PëP·PëPeC¶
P¶PëPSPëPePSPµPSPSC¶ PsCfC,PµPsP¶PsC¶PsC,PëC¶PSPsPiPs P¶PµC¶PµP»PsPjC¶.
P°PsP»PsPIPSpëPj P¶P°C¶P°PjPµC,C¶PsPj PµC,,PµPeC,PëPIPSpSCfC,C- P±CfPI P°PSP°P»C-P·
C%oC-P»CHPSPsCfC,C- PeC-C¶C,PePsPIPsC— PjP°CfPë P¶PsP¶PµC¶PµPePsPIPsPiPs
PIC-PrPrC-P»C¶ C...C¶PµP±C,P° P· P¶PëPePsC¶PëCfC,P°PSPSC¶Pj C¶PeP°PSC¶P¶P°PSPSC¶
DEXA. P°CfC- P¶P°C¶C-C°PSC,PePë PsC,C¶PëPjCfP¶P°P»Pë PIC-C,P°PjC-PS D C,P°
PeP°P»CHC¶C-P¶. PµP°C¶C-C°PSC,PePë C¶ PiC¶CfPiC- P· PSPëP·CHPePëPj C¶PëP·PëPePsPj
PsC,C¶PëPjCfP¶P°P»Pë C,C-P»CHPePë P°PSP°CfC,C¶PsP·PsP» (N = 42), P¶P°C¶C-C°PSC,PePë C¶
PiC¶CfPiC- P· C¶PµC¶PµPrPSC-Pj C¶PëP·PëPePsPj P±CfP»Pë C¶P°PSPrPsPjC-P·PsPIP°PSPs
C¶PsP·P¶PsPrC-P»PµPSC- C- PsC,C¶PëPjCfP¶P°P»Pë P°PSP°CfC,C¶PsP·PsP» P¶P»C¶Cf
C¶PëP·PµPrC¶PsPSP°C, C¶ PrPsP·C- 35 PjPi PsPrPëPS C¶P°P· PSP° C,PëP¶PrPµPSC¶ (N = 77)
P°P±Ps P°PSP°CfC,C¶PsP·PsP» P¶P»C¶Cf P¶P»P°C¶PµP±Ps (N = 77), P¶P°C¶C-C°PSC,PePë C¶
PiC¶CfPiC- P· P¶PëCfPsPePëPj C¶PëP·PëPePsPj PsC,C¶PëPjCfP¶P°P»Pë P°PSP°CfC,C¶PsP·PsP»
P¶P»C¶Cf C¶PëP·PµPrC¶PsPSP°C, C¶ PrPsP·C- 35 PjPi 1 C¶P°P· PSP° C,PëP¶PrPµPSC¶ (N = 38).
P°PsP»PsPIPSpëPj PeC-PSC¶PµP¶PëPj P¶PsPeP°P·PSPëPePsPj P±CfP»P° P·PjC-PSP°
C%oC-P»CHPSPsCfC,C- PeC-C¶C,PePsPIPsC— PjP°CfPë P¶PsP¶PµC¶PµPePsPIPsPiPs
PIC-PrPrC-P»C¶ C...C¶PµP±C,P° C¶PµC¶PµP· 12 PjC-C¶C¶C¶C-PI P¶PsC¶C-PIPS¶PSPs P·
P¶PsC¶P°C,PePsPIPëPj C¶C-PIPS¶PµPj.

P¶CfPSPsPIPSpëP¶ P°PSP°P»C-P· C¶PµC¶PµP· 12 PjC-C¶C¶C¶C-PI P¶PsPeP°P·P°PI, C%oPs C¶
P¶P°C¶C-C°PSC,PsPe C-P· C¶PµC¶PµPrPSC-Pj C,P° P¶PëCfPsPePëPj C¶PëP·PëPePsPj
P¶PëPSPëPePSPµPSPSC¶ PsCfC,PµPsP¶PsC¶PsC,PëC¶PSPsPiPs P¶PµC¶PµP»PsPjC¶ PSPµ
C¶P¶PsCfC,PµC¶C-P¶P°P»PsCfC¶ P·PjPµPSC¶PµPSPSC¶ C%oC-P»CHPSPsCfC,C-
PeC-C¶C,PePsPIPsC— PjP°CfPë (PsC¶C-PSC¶P¶P°P»P°CfC¶ PjC-PSPµC¶P°P»CHPSP°
C%oC-P»CHPSC-C¶C,CH PeC-C¶C,PePsPIPsC— PjP°CfPë P¶PsP¶PµC¶PµPePsPIPsPiPs
PIC-PrPrC-P»C¶ C...C¶PµP±C,P° P· P¶PëPePsC¶PëCfC,P°PSPSC¶Pj C¶PeP°PSC¶P¶P°PSPSC¶
DEXA) P¶C¶Pë P·P°CfC,PsCfCfP¶P°PSPSC- P°PSP°CfC,C¶PsP·PsP»C¶ C¶ PrPsP·C- 1
PjPi/PrPsP±C¶ C¶ PePsPjP±C-PSP°C¶C-C— P· C¶PëP·PµPrC¶PsPSP°C,PsPj C¶ PrPsP·C- 35 PjPi 1
C¶P°P· PSP° C,PëP¶PrPµPSC¶. P¶C¶C-Pj C,PsPiPs, P·PSPëP¶PµPSPSC¶ P¶P©P¶, C%oPs PSPµ
P±CfP»Ps CfC,P°C,PëCfC,PëC¶PSPs P·PSP°C¶C¶C%oPëPj, C¶P¶PsCfC,PµC¶C-P¶P°P»PsCfC¶ C¶
PiC¶CfPiC- P· PSPëP·CHPePëPj C¶PëP·PëPePsPj P¶C¶Pë P·P°CfC,PsCfCfP¶P°PSPSC-
C,C-P»CHPePë P°PSP°CfC,C¶PsP·PsP»C¶ C¶ PrPsP·C- 1 PjPi/PrPsP±C¶. P¶C-
C¶PµP·CfP»CHC,P°C,Pë P±CfP»Pë PIC-PrPsP±C¶P°P¶PµPSC- PI PrPsPrP°C,PePsPIC-P¶
P·PjC-PSPSC-P¶ PµC,,PµPeC,PëPIPSpSCfC,C-, P·PjC-PSC- P·P°P¶P°P»CHPSPsC— P¶P©P¶
CfC,PµPiPSP° C¶PµC¶PµP· 12 PjC-C¶C¶C¶C-PI P¶PsC¶C-PIPS¶PSPs P· P¶PsC¶P°C,PePsPIPëPj
C¶C-PIPS¶PµPj.

$$\text{P}_{\text{Lb}}\text{P}_{\text{S}}\text{PSC}^{\dagger}\text{P}_{\text{M}}\text{PSC}, \text{C}_{\text{H}}\text{P}^{\circ}\text{C}^{\dagger}\text{C}-\text{C}-\text{P}^{\circ}\text{PSP}^{\circ}\text{C}^{\dagger}\text{C}, \text{C}_{\text{H}}\text{P}_{\text{S}}\text{P}\cdot\text{P}_{\text{S}}\text{P}\gg\text{C}^{\dagger}\text{C}^{\dagger}\text{P}^{\dagger}\text{P}\gg\text{P}^{\circ}\text{P}\cdot\text{P}^{\dagger}\text{C}-\text{P}_{\text{e}}\text{C}_{\text{H}}\text{P}_{\text{S}}\text{PIC}-$$

PrPsP±CḡPsPIPsP»CHC†C-PI C-P· C†PëCḡPsP·PsPj PïPµC‡C-PSPePë P±C†P»Pë PI PjPµP¶P°C...
PrC-P°PïP°P·PsPSC† PëPsPSC†PµPSC,CḡP°C†C-PNë, C%Ps C†PïPsC†C,PµCḡC-PiP°P»PëC†C‡ C†
P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CHC†C-PI.

PḡPsPSC†PµPSC,CḡP°C†C-C— P°PSP°C†C,CḡPsP·PsP»C† C† PïP»P°P·PjC- PeCḡPsPIC-, C%Ps
C†PïPsC†C,PµCḡC-PiP°P»PëC†C‡ PïC-Pr C‡P°C† PrPsPIPiPsC†C,CḡPsPePsPIPëC...
PrPsC†P»C-PrP¶PµPSCḡ PµC,,PµPeC,PëPIPSPsC†C,C- C† PïP°C†C-C”PSC,C-PI P·
PïPsCḡC†CëPµPSPSC‡PjPë C,,C†PSPeC†C-C— PSPëCḡPsPe, P·PSP°C...PsPrPëP»PëC†C‡ C†
PjPµP¶P°C... PrC-P°PïP°P·PsPSC† PëPsPSC†PµPSC,CḡP°C†C-PNë P°PSP°C†C,CḡPsP·PsP»C† C†
PïP»P°P·PjC- PeCḡPsPIC-, C%Ps C†PïPsC†C,PµCḡC-PiP°P»PëC†C‡ C† PïP°C†C-C”PSC,C-PI
P±PµP· PïPsCḡC†CëPµPSCḡ C,,C†PSPeC†C-C— PSPëCḡPsPe. P—P°C†C,PsC†C†PïP°PSPSC‡
P°PSP°C†C,CḡPsP·PsP»C† PïP°C†C-C”PSC,P°Pj C-P· C,C‡P¶PëPëPjPë PïPsCḡC†CëPµPSPSC‡PjPë
C,,C†PSPeC†C-C— PSPëCḡPsPe PïPsC,CḡPµP±C†C” PsP±PµCḡPµP¶PSPsC†C,C-.

PḡP»C-PSC-C‡PSC- C...P°CḡP°PeC,PµCḡPëC†C,PëPePë.

PµPsPeP°P·P°PSPSC‡.

- PḡPrḡḡ™ CḡPIP°PSC,PSPµ P»C-PeC†PïP°PSPSC‡ C-PSIP°P·PëPIPSPsPiPs CḡP°PeC†
PjPsP»PsC‡PSPsC— P·P°P»PsP·Pë P· PïPsP·PëC,PëPIPSPëPjPë PïPsPeP°P·PSPëPeP°PjPë
CḡPµC†PµPïC,PsCḡC-PI PïPsCḡPjPsPSC-PI PSP° CḡP°PSPSC-C... C†C,P°PrC-C‡C... C†
P¶C-PSPsPe C† PïPsC†C,PjPµPSPsPïP°C†P·P°P»CHPSPsPjC† PïPµCḡC-PsPrC-.

- PḡPrḡḡ™ CḡPIP°PSC,PSPµ P»C-PeC†PïP°PSPSC‡ C-PSIP°P·PëPIPSPsPiPs CḡP°PeC†
PjPsP»PsC‡PSPsC— P·P°P»PsP·Pë P· PïPsP·PëC,PëPIPSPëPjPë PïPsPeP°P·PSPëPeP°PjPë
CḡPµC†PµPïC,PsCḡC-PI PïPsCḡPjPsPSC-PI PSP° CḡP°PSPSC-C... C†C,P°PrC-C‡C... C†
P¶C-PSPsPe C† PïPsC†C,PjPµPSPsPïP°C†P·P°P»CHPSPsPjC† PïPµCḡC-PsPrC-, C‡PëPëPj
P±C†P»Ps PïCḡPsPIPµPrPµPSPs P°Prḡḡ™ CḡPIP°PSC,PSC† C,PµCḡP°PïC-Cḡ
C,P°PjPsPeC†PëC,,PµPSPsPj PïCḡPsC,C‡PïPsPj 2ḡḡ“3 CḡPsPeC-PI.

- P>C-PeC†PïP°PSPSC‡ PïPsCëPëCḡPµPSPsPiPs CḡP°PeC† PjPsP»PsC‡PSPsC—
P·P°P»PsP·Pë P· PïPsP·PëC,PëPIPSPëPjPë PïPsPeP°P·PSPëPeP°PjPë
CḡPµC†PµPïC,PsCḡC-PI PïPsCḡPjPsPSC-PI C† P¶C-PSPsPe C†
PïPsC†C,PjPµPSPsPïP°C†P·P°P»CHPSPsPjC† PïPµCḡC-PsPrC-.

PµCḡPsC,PëPïPsPeP°P·P°PSPSC‡.

- PµPµCḡC-PsPr PïP°PïC-C,PSPsC†C,C- P°P±Ps PïPsPrC†PïP°PSPSC‡ PïCḡC†PrPrCḡ.

- P’C-PrPsPjP° PïC-PrPIPëC%PµPSP° C‡C†C,P»PëPIC-C†C,CH PrPs
P°PSP°C†C,CḡPsP·PsP»C† P°P±Ps PrPs P±C†PrCH-C‡PëPsC— P· PrPsPïPsPjC-P¶PSPëC...
CḡPµC‡PsPIPëPS P»C-PeP°CḡC†CHPePsPiPs P·P°C†PsP±C†.

PḡC†PsP±P»PëPIC- P·P°C...PsPrPë P±PµP·PïPµPePë.

P’C†PrCH-C‡PëC- PSPµPIPëPePsCḡPëC†C,P°PSC- P»C-PeP°CḡC†CHPeC- P·P°C†PsP±Pë P°P±Ps

PIC-PrC...PsPrPë PïPsPIPëPSPSC- P±CfC,Pë CfC,PëP»C-P·PsPIP°PSC- PIC-PrPïPsPIC-PrPSPs
PrPs PjC-CfC†PμPIPëC... PIPëPjPsPi.

***P'P·P°C" PjPsPrC-CΠ P· C-PSC€PëPjPë P»C-PeP°CḡCfCḡPePëPjPë P·P°CfPsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PNë.***

PḡPSP°CfC,CḡPsP·PsP» in vitro PïCḡPëPiPSC-C†CfC" C,,PμCḡPjPμPSC,Pë CYP 1A2, 2C8/9 C,P°
3A4. PḡP»C-PSC-C†PSC- PrPsCfP»C-PrP¶PμPSPSCΠ C-P· P·P°CfC,PscfCfPIP°PSPSCΠPj
P°PSC,PëPïC-CḡPëPSCf C,P° PIP°CḡC,,P°CḡPëPSCf PïCḡPsPrPμPjPsPSCfC,CḡCfPIP°P»Pë, C%oPs
P°PSP°CfC,CḡPsP·PsP» Cf PrPsP·C- 1 PjPi C-CfC,Psc,PSPs PSPμ PïCḡPëPiPSC-C†CfC"
PjPμC,P°P±PsP»C-P·Pj P°PSC,PëPïC-CḡPëPSCf C- R- C,P° S-PIP°CḡC,,P°CḡPëPSCf. PḡP°PeC-
PrP°PSC- CfPIC-PrC†P°C,Cḡ, C%oPs PsPrPSPsC†P°CfPSPμ P·P°CfC,PscfCfPIP°PSPSCΠ
P°PSP°CfC,CḡPsP·PsP»Cf P· C-PSC€PëPjPë P»C-PeP°CḡCfCḡPePëPjPë P·P°CfPsP±P°PjPë
PSP°PICḡCΠPr C†Pë PïCḡPëP·PIPμPrPμ PrPs PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPëC...
PIP·P°C" PjPsPrC-PNë P»C-PeP°CḡCfCḡPePëC... P·P°CfPsP±C-PI,
PsPïPsCfPμCḡPμPrPePsPIP°PSPëC... C,,PμCḡPjPμPSC,P°PjPë CYP. PḡPμCḡPjPμPSC,Pë, C%oPs
PsPïPsCfPμCḡPμPrPePsPICfCḡC,Cḡ PjPμC,P°P±PsP»C-P·Pj P°PSP°CfC,CḡPsP·PsP»Cf, PSPμ
P±CfP»Pë C-PrPμPSC,PëC,,C-PePsPIP°PSC-. PïPëPjPμC,PëPrPëPS, CfP»P°P±PePëPNë
PSPμCfPïPμC†PëC,,C-C†PSPëPNë C-PSPiC-P±C-C,Pscḡ C,,PμCḡPjPμPSC,C-PI CYP, PSPμ
PIPïP»PëPIP°C" PSP° PïP»P°P·PjP°C,PëC†PSC- PePsPSC†PμPSC,CḡP°C†C-C—
P°PSP°CfC,CḡPsP·PsP»Cf. P"°PSC- PïCḡPs PIPïP»PëPI PïPsC,CfP¶PSPëC...
C-PSPiC-P±C-C,PscḡC-PI CYP PIC-PrCfCfC,PSC-. P'PëPIC†PμPSPSCΠ P±P°P·Pë PrP°PSPëC...
C%oPsPrPs P±PμP·PïPμPePë P»C-PeP°CḡCfCḡPePsPiPs P·P°CfPsP±Cf,
PSP°PePsPïPëC†PμPSPsC— PI C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PμPSCḡ, PSPμ
PIPëCΠPIPëP»Ps PIC-PrPsPjPsCfC,PμPNë PïCḡPs PeP»C-PSC-C†PSPs P·PSP°C†CfC%oCf
P»C-PeP°CḡCfCḡPeCf PIP·P°C" PjPsPrC-Cḡ Cf PïP°C†C-C"°PSC,Pse, CΠPeC- PïCḡPëPNëPjP°P»Pë
PsPrPSPsC†P°CfPSPs P°PSP°CfC,CḡPsP·PsP» C,P° C-PSC€C- P»C-PeP°CḡCfCḡPeC-
P·P°CfPsP±Pë, CΠPeC- C†P°CfC,Psc PïCḡPëP·PSP°C†P°CḡC,Cḡ. PμCḡPs PeP»C-PSC-C†PSPs
P·PSP°C†CfC%oC- PIP·P°C" PjPsPrC-C— P· P±C-CfC,,PscfC,,PsPSP°C,P°PjPë PSPμ
PïPsPIC-PrPsPjP»CΠP»Pë. PḡP»C-Pr CfPSPëPeP°C,Pë PsPrPSPsC†P°CfPSPsPiPs
P·P°CfC,PscfCfPIP°PSPSCΠ C,P°PjPsPeCfPëC,,PμPSCf P°P±Ps P·P°CfPsP±C-PI, C%oPs
PjC-CfC,CΠC,Cḡ PμCfC,CḡPsPiPμPSPë, P· P°PSP°CfC,CḡPsP·PsP»PsPj, PsCfPeC-P»CḡPePë
C†Pμ PjPsP¶Pμ PïPsCfP»P°P±PëC,Pë C,,P°CḡPjP°PePsP»PsPiC-C†PSCf PsCfC,P°PSPSCḡPsPiPs.

PḡCfPsP±P»PëPIPsCfC,C- P·P°CfC,PscfCḡPIP°PSPSCΠ.

P—P°PiP°P»CḡPSC-.

PḡPSP°CfC,CḡPsP·PsP»-P'C-CfC,P° PSPμ CfP»C-Pr P·P°CfC,PscfCfPICfPIP°C,Pë P¶C-PSPeP°Pj
Cf PïCḡPμPjPμPSPsPïP°CfP·C-. PḡPμPSPsPïP°CfP·P° PjP°C" P±CfC,Pë
PïC-PrC,PIPμCḡPrP¶PμPSP° CḡPμP·CfP»CḡC,P°C,P°PjPë P±C-Psc...C-PjC-C†PSPëC...
PrPsCfP»C-PrP¶PμPSCḡ (CḡC-PIPSC- P»CḡC,PμC—PSC-P·CfCḡC†PsPiPs PïPsCḡPjPsPSCf
[P>P"], C,,PsP»C-PeCfP»PsCfC,PëPjCfP»CḡCḡC†PsPiPs PïPsCḡPjPsPSCf [PḡPḡP"] C,P°/P°P±Ps
PμCfC,CḡP°PrC-PsP»Cf) Cf CḡP°P·C- CfCfPjPSC-PIC-PI Cf PjPμPSPsPïP°CfP·P°P»CḡPSPsPjCf
CfC,P°C,CfCfC- PïP°C†C-C"°PSC,PePë. P'C-PrCfCfC,PSC- PrP°PSC- C%oPsPrPs
PsP±T'CḡCfPSC,CfPIP°PSPSCΠ P·P°CfC,PscfCfPIP°PSPSCΠ P°PSP°CfC,CḡPsP·PsP»Cf P·
P°PSP°P»PsPiP°PjPë CḡPëP»C-P·PëPSPi-C,,P°PeC,PscḡP° P»CḡC,PμC—PSC-P·CfCḡC†PsPiPs
PïPsCḡPjPsPSCf (P PḡP>P").

РҮР»С-Рr CрPSPөPeP°C,Pe PsPrPSPsC±P°CрPSPsPiPs P·P°CрC,PsCрCрPIP°PSPSCр
C,P°PjPsPeCрPөC,,PµPSCр P°P±Ps P·P°CрPsP±C-PI, C%oPs PjC-CрC,CрC,CH PµCрC,CрPsPiPµPS,
P·P°PSP°CрC,CрPsP·PsP»PsPj, PsCрPeC-P»CHPePe CтPµ PjPsP¶Pµ P·PjPµPSCөPөC,Pe
C,,P°CрPjP°PePsP»PsPiC-C±PSCр PrC-CH PsCрC,P°PSPSCHPsPiPs.

PJ P¶C-PSPsPe P·PSP°CрPIPSPsCH C-CөPµPjC-C±PSPsCH C...PIPsCрPsP±PsCH CрPµCрCтCрPI
C...PsPrC- PrPsCрP»C-PrP¶PµPSPSCр ATAC CрPіPsCрC,PµCрC-PiP°P»PsCрCр
P·CрPsCрC,P°PSPSCр C±P°CрC,PsC,Pe C-CөPµPjC-C±PSPөC... CрPµCрCтPµPIPs-
CрCрPrPөPSPPөC... PіPsPrC-PNө PіCрPe P·P°CрC,PsCрCрPIP°PSPSC- P°PSP°CрC,CрPsP·PsP»Cр
(Cр 17 % C...PIPsCрPөC..., CрPeC- PіCрPePNөPjP°P»Pe P°PSP°CрC,CрPsP·PsP», C- PI 10 %
C...PIPsCрPөC..., CрPeC- PіCрPePNөPjP°P»Pe C,P°PjPsPeCрPөC,,PµPS). PкPµPsP±C...C-PrPSPs
P·PIP°P¶PөC,Pe CрPeP·PePePe C,P° PіPµCрPµPIP°PiPe P»C-PeCрPIP°PSPSCр
P°PSP°CрC,CрPsP·PsP»PsPj PіP°CтC-C”PSC,C-PI P·PSP°CрPIPSPsCH C-CөPµPjC-C±PSPsCH
C...PIPsCрPsP±PsCH CрPµCрCтCр (PrPөPI. CрPsP·PrC-P» B«PµPsP±C-C±PSC-
CрPµP°PeCтC-C-B»).

PрPіP»PөPI PSP° PjC-PSPµCрP°P»CHPSCр C%oC-P»CHPSC-CрC,CH PeC-CрC,PsPe.

PhCрPeC-P»CHPePe P°PSP°CрC,CрPsP·PsP» P·PSPөP¶CрC” CрC-PIPSC-
CтPөCрPeCрP»CHCHC±PsPiPs PµCрC,CрPsPiPµPSCр, CтPµ PjPsP¶Pµ PіCрPeP·PIPµCрC,Pe PrPs
P·PSPөP¶PµPSPSCр PjC-PSPµCрP°P»CHPSPsC— C%oC-P»CHPSPsCрC,C- PeC-CрC,PsPe P·
PjPsP¶P»PөPIPөPj P·P±C-P»CHCөPµPSPSCрPj CрPeP·PePeCр PіPµCрPµP»PsPjCр. PJ P¶C-PSPsPe,
C...PIPsCрPөC... PSP° PsCрC,PµPsPіPsCрPsP· P°P±Ps P·CрPeP·PePePsPj
PsCрC,PµPsPiPsCрPsP·Cр CрP»C-Pr PsCтC-PSCрPIP°C,Pe PjC-PSPµCрP°P»CHPSCр
C%oC-P»CHPSC-CрC,CH PeC-CрC,PsPe P·P° PrPsPіPsPjPsPiPsCH
PrPµPSCрPөC,PsPjPµC,CрC-C— PeC-CрC,PsPe, PSP°PіCрPePeP»P°Pr,
PIPөPePsCрPөCрC,PsPICрCHC±Pe PrPIPµPµPSPµCрPiPµC,PөC±PSCр
CрPµPSC,PiPµPSC-PICрCHPeCр P°P±CрPsCрP±CтC-PsPjPµC,CрC-CH (P”P·PрPһ), PSP°
PіPsC±P°C,PeCр P»C-PeCрPIP°PSPSCр C,P° P·CрPµPiCрP»CрCрPSPөPjPө
C-PSC,PµCрPIP°P»P°PjPө PіC-CрP»CрP»C-PeCрPIP°PSPSCр. PµCрPe
PSPµPsP±C...C-PrPSPsCрC,C- CрP»C-Pr PіCрPeP·PSP°C±P°C,Pe P»C-PeP°CрCрCHPePePNө
P·P°CрC-P± PrP»CрP»C-PeCрPIP°PSPSCр P°P±Ps PіCрPsC,,C-P»P°PeC,PePePe
PsCрC,PµPsPiPsCрPsP·Cр C,P° CрPµC,PµP»CHPSPs CрPіPsCрC,PµCрC-PiP°C,Pe P·P°
CрC,P°PSPsPj PіP°CтC-C”PSC,PePe. P—P°CрC,PsCрCрPIP°PSPSCр CрPіPµCтPөC,,C-C±PSPөC...
P·P°CрPsP±C-PI, PSP°PіCрPePeP»P°Pr P±C-CрC,,PsCрC,,PsPSP°C,C-PI, PjPsP¶Pµ
PіCрPePіPөPSPөC,Pe PіPsPrP°P»CHCөCр PIC,CрP°C,Cр PjC-PSPµCрP°P»CHPSPsC—
C%oC-P»CHPSPsCрC,C- PeC-CрC,PsPe, CрPіCрPөC±PePSPµPSCр P°PSP°CрC,CрPsP·PsP»PsPj Cр
P¶C-PSPsPe Cр PіPsCрC,PjPµPSPsPіP°CрP·C-, C,PsPjCр CрP»C-Pr PsCтC-PSPөC,Pe
PrPsCтC-P»CHPSC-CрC,CH C,P°PePsPiPs P·P°CрC,PsCрCрPIP°PSPSCр.

PµPsCрCрCөPµPSPSCр C,,CрPSPөCтC-C— PіPµC±C-PSPөPe.

PhPSP°CрC,CрPsP·PsP» PSPµ PrPsCрP»C-PrP¶CрPIP°P»Pe Cр PіP°CтC-C”PSC,PsPe,
C...PIPsCрPөC... PSP° CрP°Pe PjPsP»PsC±PSPsC— P·P°P»PsP·Pe C,P° P·PіPsPjC-CрPSPөPjPө
P°P±Ps C,CрP¶PePөPjPө PіPsCрCрCөPµPSPSCрPjPө C,,CрPSPөCтC-C— PіPµC±C-PSPөPe. PJ
PіP°CтC-C”PSC,PsPe C-P·PіPsCрCрCөPµPSPSCрPjPө C,,CрPSPөCтC-C— PіPµC±C-PSPөPe
PµPeCрPіPsP·PөCтC-CрP°PSP°CрC,CрPsP·PsP»Cр PjPsP¶Pµ P±CрC,Pe
P·P±C-P»CHCөPµPSPsCH; P·P°CрC,PsCрCрPIP°PSPSCр P°PSP°CрC,CрPsP·PsP»Cр
PіP°CтC-C”PSC,PeP°Pj C-P·PіPsPjC-CрPSPөPjPө C,P° C,CрP¶PePөPjPө PіPsCрCрCөPµPSPSCрPj
C,,CрPSPөCтC-C— PіPµC±C-PSPөPe PіPsC,CрPµP±CрC” PsP±PµCрPµP¶PSPsCрC,C-
P»C-PeCрPIP°PSPSCр PіPsPIPөPSPSPs P±P°P·CрPIP°C,PөCрCрPSP° PsCтC-PSCтC-
CрPіC-PIPIC-PrPSPsCөPµPSPSCр PePsCрPөCрC,C- C,P° CрPeP·PePeCр PrP»CрPөPsP¶PSPsC—

PsPeC₇H₄P₄PjPsC— P_iP°C†C-C''PSC,PePë.

P₄PsC₇H₄CrC€P₄PSPSC₄ C,,CrPSPeC†C-C— PSPëC₇H₄PsPe.

P₄PSP°C†C,C₇H₄PsP·PsP» PSP₄ PrPsC†P»C-PrP¶CrPIP°P»Pë Cr P_iP°C†C-C''PSC,PsPe,
C...PIPsC₇H₄PëC... PSP° C₇H₄P°Pe PjPsP»PsC‡PSPsC— P·P°P»PsP·Pë C,P° P· C,C₄IP¶PePëPjPë
P_iPsC₇H₄CrC€P₄PSPSC₄PjPë C,,CrPSPeC†C-C— PSPëC₇H₄PsPe. P·PeC†P_iPsP·PëC†C-C₄
P°PSP°C†C,C₇H₄PsP·PsP»Cr PSP₄ P·P±C-P»CHC€CrPIP°P»P°C†C₄ Cr P_iP°C†C-C''PSC,PsPe C-P·
C,C₄IP¶PePëPjPë P_iPsC₇H₄CrC€P₄PSPSC₄PjPë C,,CrPSPeC†C-C— PSPëC₇H₄PsPe
(C€PIPëPrPeC-C†C,CH PeP»CrP±PsC‡PePsPIPsC— C,,C-P»CHC,C₇H₄P°C†C-C— [PëP₇P₄]
< 30 PjP»/C...PI); P·P°C†C,PsC†CrPIP°PSPSC₄ P°PSP°C†C,C₇H₄PsP·PsP»Cr P_iP°C†C-C''PSC,PeP°Pj
C-P· C,C₄IP¶PePëPjPë P_iPsC₇H₄CrC€P₄PSPSC₄PjPë C,,CrPSPeC†C-C— PSPëC₇H₄PsPe
P_iPsC,C₇H₄P₄P±CrC'' PsP±P₄C₇H₄P¶PSPsC†C,C-.

P''C-C,Pë.

P₄PSP°C†C,C₇H₄PsP·PsP»-P'C-C†C,P° PSP₄ P_iPsPeP°P·P°PSPëPN₄ PrP»C₄
P·P°C†C,PsC†CrPIP°PSPSC₄ PrC-C,C₄IPj, PsC†PeC-P»CHPePë PrP»C₄ C†C-C''C— PiC₇H₄CrP_iPë
P_iP°C†C-C''PSC,C-PI P±P₄P·P_iP₄PeP° C,P° P₄C,,P₄PeC,PëPIPSC-C†C,CH
PIC†C,P°PSPsPIP»P₄PSC- PSP₄ P±CrP»Pë.

P†P»PsPiC‡PëPeP°Pj P· PrP₄C,,C-C†PëC,PsPj P_iPsC₇H₄PjPsPSC† C₇H₄PsC†C,Cr
P°PSP°C†C,C₇H₄PsP·PsP» PSP₄ C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pë C₄IPe
PrPsP_iPsPIPSP₄PSPSC₄ PrPs P»C-PeC†PIP°PSPSC₄ P_iPsC₇H₄PjPsPSPsPj C₇H₄PsC†C,Cr. Pj
P±P°P·PsPIPsPjCr PeP»C-PSC-C‡PSPsPjCr PrPsC†P»C-PrP¶P₄PSPSC-
P₄C,,P₄PeC,PëPIPSC-C†C,CH PSP₄ P±CrP»P° PiC₇H₄PsPrP₄PjPsPSC†C,C₇H₄PsPIP°PSP° C- PSP₄
P±CrP»P° PIC†C,P°PSPsPIP»P₄PSP° P±P₄P·P_iP₄PeP°. PhC†PeC-P»CHPePë
P°PSP°C†C,C₇H₄PsP·PsP» P·PSPëP¶CrC'' C₇H-C-PIPS- P₄C†C,C₇H°PrC-PsP»Cr,
P°PSP°C†C,C₇H₄PsP·PsP» PSP₄ C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pë PrC-PIC‡P°C,PeP°Pj P·
PrP₄C,,C-C†PëC,PsPj P_iPsC₇H₄PjPsPSC† C₇H₄PsC†C,Cr C₄IPe PrPsP_iPsPIPSP₄PSPSC₄ PrPs
P»C-PeC†PIP°PSPSC₄ P_iPsC₇H₄PjPsPSPsPj C₇H₄PsC†C,Cr. P'C-PrC†CrC,PSC- PrP°PSC-
PrPsPIPiPsC,C₇H₄PëPIP°P»PsPiPs C†P_iPsC†C,P₄C₇H₄P¶P₄PSPSC₄ C%PsPrPs P±P₄P·P_iP₄PePë
P·P°C†C,PsC†CrPIP°PSPSC₄ PrC-C,C₄IPj.

P'P°P¶P»PëPIP° C-PSC,,PsC₇H₄PjP°C†C-C₄ PiC₇H₄Ps PrPsPiPsPjC-P¶PSC- C₇H₄P₄C‡PsPIPëPSPë.

P>C-PeP°C₇H₄CrCHPePëPN₄ P·P°C†C-P± PjC-C†C,PëC,CH P»P°PeC,PsP·Cr. P₄P°C†C-C''PSC,PeP°Pj
C-P· C₇H-C-PrPePëPjPë C†P_iP°PrPePsPIPëPjPë C†C,P°PSP°PjPë, C,P°PePëPjPë C₄IPe
PSP₄P_iP₄C₇H₄P₄PSPsC†PëPjC-C†C,CH PiP°P»P°PeC,PsP·Pë, P»P°PeC,P°P·PSP°
PSP₄PrPsC†C,P°C,PSC-C†C,CH P>P°PiP° P°P±Ps P_iPsC₇H₄CrC€P₄PSPSC₄
PIC†PjPsPeC,C†PIP°PSPSC₄ PiP»CHPePsP·Pë-PiP°P»P°PeC,PsP·Pë, PSP₄ C†P»C-Pr
PiC₇H₄PëPN₄PjP°C,Pë C†P₄PN₄ P»C-PeP°C₇H₄CrCHPePëPN₄ P·P°C†C-P±.

*P—P°C†C,PsC†C‡PIP°PSPSC₄ C‡ PiP₄C₇H-C-PsPr PIP°PiC-C,PSPsC†C,C- P°P±Ps
PiPsPrC‡PIP°PSPSC₄ PiC₇H‡PrPrC₇.*

P'P°PiC-C,PSC-C†C,CH. P''P°PSC- PiC₇H₄Ps P·P°C†C,PsC†CrPIP°PSPSC₄
P°PSP°C†C,C₇H₄PsP·PsP»Cr PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj PIC-PrC†CrC,PSC-.
P₄PSP°C†C,C₇H₄PsP·PsP»-P'C-C†C,P° PiC₇H₄Ps,PëPiPsPeP°P·P°PSPëPN₄ Cr P_iP₄C₇H-C-PsPr
PIP°PiC-C,PSPsC†C,C-.

РμРμС҃҃С-РsРr РiРsРrСrPIP°PSPSCЦ РiС҃҃СrРrРrС҃҃. P°P°PSC- РiС҃҃Рs
Р·Р·С҃҃҃С,РsС҃҃҃СrPIP°PSPSCЦ Р°PSP°С҃҃҃С,С҃҃РsР·РsР»Сr Сr РiРμС҃҃С-РsРr РiРsРrСrPIP°PSPSCЦ
РiС҃҃СrРrРrС҃҃ PIC-РrС҃҃҃СrС,РSC-, С,РsРjСr Р»С-РeР°С҃҃СrС҃҃РeРeРPN№ Р·Р·С҃҃҃С-Р±
РiС҃҃РsС,РeРiРsРeР°Р·Р°PSPePN№ Сr С†РμPN№ РiРμС҃҃С-РsРr.

РxРμС҃҃С,РeР»С҃҃РSC-С҃҃҃С,С҃҃. P°РiР»РeРPI P°PSP°С҃҃҃С,С҃҃РsР·РsР»Сr PSP°
С,,РμС҃҃С,РeР»С҃҃РSC-С҃҃҃С,С҃҃ Р»С҃҃РrРeРPSPe PSPμ РiРeРPIC†РμPSPePN№.

Р°РsС҃҃҃»С-РrР¶РμPSPSCЦ PSP° С,РiР°С҃҃РeРPSP°С... РiС҃҃РsРrРμРjРsРSC҃҃҃С,С҃҃СrPIP°Р»Рe
С҃҃РμРiС҃҃РsРrСrРeС,РeРiРSCr С,РsРeС҃҃҃С†PSC-С҃҃҃С,С҃҃.

*Р—РrР°С,РSC-С҃҃҃С,С҃҃ РiРiР»РeРiРP°С,Рe PSP° СeРiРeРrРeС-С҃҃҃С,С҃҃ С҃҃РμР°РeС†С-С— РiС҃҃Рe
РeРμС҃҃СrPIP°PSPSC- P°PIC,РsС,С҃҃Р°PSC҃҃҃РiРsС҃҃С,РsРj Р°Р±Рs С-РSCeРeРjРe
РjРμС...Р°PSC-Р·РjР°РjРe.*

Р҃PSP°С҃҃҃С,С҃҃РsР·РsР» PSPμ РiРiР»РeРiРP°С° Р°Р±Рs РjР°С° PSPμР·PSP°С†PSPePN№ РiРiР»РeРiРP
PSP° Р·РrР°С,РSC-С҃҃҃С,С҃҃ РeРμС҃҃СrPIP°С,Рe С,С҃҃Р°PSC҃҃҃РiРsС҃҃С,РSPeРjРe
Р·Р·С҃҃҃СРsР±Р°РjРe С,Р° РiС҃҃Р°С†С҃҃РiРP°С,Рe Р· С-РSCeРeРjРe РjРμС...Р°PSC-Р·РjР°РjРe.
Р҃РrPSP°Рe Р±СrР»Рe РsС,С҃҃РeРjР°PSC- РiРsPIC-РrРsРjР»РμPSPSCЦ РiС҃҃Рs
РiРeРiР°РrРeРe Р°С҃҃҃С,РμPSC-С— С,Р° С҃҃РsPSP»РeРiРsС҃҃҃С,С-, РiРsРiРb҃҃™ СЦР·Р°PSC-
Р· РiС҃҃РeРPN№РsРjРsРj Р°PSP°С҃҃҃С,С҃҃РsР·РsР»Сr. Р҃РsРjСr С҃҃҃»С-Рr
РrРsС,С҃҃РeРjСrPIP°С,РeС҃҃҃С РsР±РμС҃҃РμР¶PSPsС҃҃҃С,С- РiС-Рr С†Р°С҃҃
РeРμС҃҃СrPIP°PSPSCЦ С,С҃҃Р°PSC҃҃҃РiРsС҃҃С,РSPeРjРe Р·Р·С҃҃҃СРsР±Р°РjРe Р°Р±Рs
С҃҃РsР±РsС,Рe Р· С-РSCeРeРjРe РjРμС...Р°PSC-Р·РjР°РjРe, СЦРeС%Рs
С҃҃РiРsС҃҃҃С,РμС҃҃С-РiР°С҃҃С,С҃҃С҃҃С С,Р°РeС- С҃҃РeРjРiС,РsРjРe.

Р҃РiРsС҃҃҃С-Р± Р·Р°С҃҃҃С,РsС҃҃҃СrPIP°PSPSCЦ С,Р° РrРsР·Рe.

Р҃PSP°С҃҃҃С,С҃҃РsР·РsР»-Р°С-С҃҃҃С,Р° РiС҃҃РeРPN№РjР°С,Рe РiРμС҃҃РsС҃҃Р°»С҃҃РSPs.

Р РμРeРsРjРμPSPrРsPIP°PSP° РrРsР·Р° РrР»СЦ РrРsС҃҃РsС҃҃҃»РeС..., РiРeР»С҃҃С†Р°С҃҃С†Рe
Р¶С-РSPsРe Р»С-С,РSCHРsРiРs PIC-РeСr, С҃҃҃С,Р°PSPsРiРeС,С҃҃ 1 С,Р°Р±Р»РμС,РeСr (1 РjРi) 1
С҃҃Р°Р·PSP° РrРsР±Сr.

РμС҃҃Рe С-РSPIP°Р·РeРiРSPsРjСr С҃҃Р°РeСr РjРsР»РsС†PSPsС— Р·Р°Р»РsР·Рe Р·
РiРsР·РeС,РeРiРSPeРjРe РiРsРeР°Р·PSPeР°РjРe С҃҃РμС†РμРiС,РsС҃҃С-Рi РiРsС҃҃РjРsРSC-Рi
PSP° С҃҃Р°PSPSC-С... С҃҃҃С,Р°РrС-СЦС... Сr Р¶С-РSPsРe Сr
РiРsС҃҃҃С,РjРμPSPsРiР°СrР·Р»С҃҃РSPsРjСr РiРμС҃҃С-РsРrС- С҃҃РμРeРsРjРμPSPrРsPIP°PSP°
С,С҃҃РeРiРP°»С-С҃҃҃С,С҃҃ Р°РrРb҃҃™ С҃҃РiРP°PSC,РSPsРiРs РμPSPrРsРeС҃҃РeРSPSPsРiРs
Р»С-РeСrPIP°PSPSCЦ С҃҃҃С,Р°PSPsРiРeС,С҃҃ 5 С҃҃РsРeС-Рi.

РμРsС҃҃СrСeРμPSPSCЦ С,,СrSPeС†С-С— PSPeС҃҃РsРe.

РμР°С†С-С°PSC,РeР°Рj С-Р· Р»РμРiРeРeРjРe Р°Р±Рs РiРsРjС-С҃҃РSPeРjРe
РiРsС҃҃СrСeРμPSPSCЦРjРe С,,СrSPeС†С-С— PSPeС҃҃РsРe РeРsС҃҃РeРiСrPIP°С,Рe РrРsР·Сr PSPμ
РiРsС,С҃҃С-Р±PSPs. Р—Р°С҃҃҃С,РsС҃҃҃СrPIP°PSPSCЦ Р»С-РeР°С҃҃СrС҃҃РeРsРiРs Р·Р·С҃҃҃СРsР±Сr
Р҃PSP°С҃҃҃С,С҃҃РsР·РsР»-Р°С-С҃҃҃С,Р° РiР°С†С-С°PSC,РeР°Рj С-Р· С,СЦР¶РeРeРjРe
РiРsС҃҃СrСeРμPSPSCЦРjРe С,,СrSPeС†С-С— PSPeС҃҃РsРe РiРsС,С҃҃РμР±СrС°

PsP±PμCḡPμP¶PSPsCÍC,C-.

PμPsCḡCžC€PμPSPSCḡ C,,CžPSPeC†C-C— PİPμC‡C-PSPePë.

PμP°C†C-C"°PSC,PeP°Pj C-P· P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë PİPμC‡C-PSPePë P»PμPiPePsPiPs
CÍC,CrPİPμPSCḡ C,CḡP¶PePsCÍC,C- PePsCḡPëPiCrPIP°C,Pë PrPsP·Cr PSPμ PİPsC,CḡC-P±PSPs.
PμP°C†C-C"°PSC,PeP°Pj C-P· PİPsPjC-CḡPSPëPjPë C,P° C,CḡP¶PePëPjPë
PİPsCḡC€PμPSPSCḡPjPë C,,C†PSPeC†C-C— PİPμC‡C-PSPePë P»C-PeP°CḡCÍCḡPePëPNë
P·P°CÍC-P± CÍP»C-Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pë P· PsP±PμCḡPμP¶PSC-CÍC,Cḡ.

P"°C-C,Pë.

PḡPSP°CÍC,CḡPsP·PsP»-P'°C-CÍC,P° PSPμ CḡPμPePsPjPμPSPrCÍC"°C,CḡCÍCḡ
PİCḡPëP·PSP°C‡P°C,Pë PrC-C,CḡPj C‡PμCḡPμP· PSPμPrPsCÍC,P°C,PSC-CÍC,Cḡ PrP°PSPëC...
PİCḡPs P±PμP·PİPμPeCr C,P° PμC,,PμPeC,PëPIPSC-CÍC,Cḡ.

PμPμCḡPμPrPsP·CžPIP°PSPSCḡ.

PŸPëPjPiC,PsPjPë. PḡP»C-PSC-C‡PSPëPNë PrPsCÍPIC-Pr PIPëPİP°PrPePsPIPsPiPs
PİPμCḡPμPrPsP·CrPIP°PSPSCḡ PsP±PjPμP¶PμPSPëPNë. Pj C...PsPrC- PrPsCÍP»C-PrP¶PμPSCḡ
PSP° C,PIP°CḡPëPSP°C... P°PSP°CÍC,CḡPsP·PsP» PİCḡPsPrPμPjPsPSCÍC,CḡCrPIP°PI
PSPëP·CḡPeCr PİPsCÍC,CḡCr C,PsPeCÍPëC‡PSC-CÍC,Cḡ. PμC-Pr C‡P°CÍ
PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PμPSCḡ P·P°CÍC,PsCÍPsPICrPIP°P»Pë CḡC-P·PSC-
PrPsP·CrPIP°PSPSCḡ P°PSP°CÍC,CḡPsP·PsP»CÍ: PrPs 60 PjPi PsPrPSPsCḡP°P·PsPIPs
P·PrPsCḡPsPIPëPj C‡PsP»PsPIC-PeP°Pj-PrPsP±CḡPsPIPsP»CḡC†CḡPj C,P° PrPs 10 PjPi PSP°
PrPsP±Cr P¶C-PSPeP°Pj Cr PİPsCÍC,PjPμPSPsPİP°CrP·P°P»CḡPSPsPjCr PİPμCḡC-PsPrC- P·
PİPsC€PëCḡPμPSPëPj CḡP°PePsPj PjPsP»PsC‡PSPsC— P·P°P»PsP·Pë; C†C- PrPsP·Pë PrPsP±CḡPμ
PİPμCḡPμPSPsCÍPëP»PëCÍCḡ. PḡPrPSPsCḡP°P·PsPICr PrPsP·Cr P°PSP°CÍC,CḡPsP·PsP»Cr,
C%°Ps PİCḡPëP·PIPsPrPëC,Cḡ PrPs CÍPëPjPiC,PsPjC-PI, CḡPeC- P·P°PiCḡPsP¶CÍCḡC,Cḡ
P¶PëC,C,Cḡ, PICÍC,P°PSPsPIP»PμPSPs PSPμ P±CrP»Ps. *P>C-PeCžPIP°PSPSCḡ.*
PŸPİPμC†PëC,,C-C‡PSPsPiPs P°PSC,PëPrPsC,Cr PİCḡPë PİPμCḡPμPrPsP·CrPIP°PSPSC- PSPμ
C-CÍPSCrC", P»C-PeCrPIP°PSPSCḡ PİPsPIPëPSPSPs P±CrC,Pë CÍPëPjPiC,PsPjP°C,PëC‡PSPëPj.
PμCḡPë P»C-PeCrPIP°PSPSC- PİPμCḡPμPrPsP·CrPIP°PSPSCḡ CÍP»C-Pr
PICḡP°C...PsPICrPIP°C,Pë PjPsP¶P»PëPIC-CÍC,Cḡ C,PsPiPs, C%°Ps PeC-P»CḡPeP°
CḡPμC‡PsPIPëPS P±CrP»Pë PİCḡPëPNëPSCḡC,C-. PİPeC%°Ps PİP°C†C-C"°PSC, PSPμ
P·PSPμPİCḡPëC,PsPjPSC-PI, PjPsP¶PSP° PIPëPeP»PëPeP°C,Pë P±P»CḡPIP°PSPSCḡ. PḡPsP¶Pμ
P±CrC,Pë PePsCḡPëCÍPSPëPj PrC-P°P»C-P·, PsCÍPeC-P»CḡPePë P°PSP°CÍC,CḡPsP·PsP» PSPμ
PjP°C" P·PSP°C‡PSPsPiPs P·PIBḡ™ CḡP·CrPIP°PSPSCḡ P· PİCḡPsC,PμC—PSP°PjPë.
P PμPePsPjPμPSPrCÍC"°C,CḡCÍCḡ P·P°PiP°P»CḡPSPμ PİC-PrC,CḡPëPjCrCḡC‡Pμ
P»C-PeCrPIP°PSPSCḡ, PIPeP»CḡC‡P°CḡC‡Pë C‡P°CÍC,PëPNë PjPsPSC-C,PsCḡPëPSPi
P¶PëC,C,C"°PIPëC... C,,C†PSPeC†C-PNë, C,P° CḡPμC,PμP»CḡPSPμ
CÍPİPsCÍC,PμCḡPμP¶PμPSPSCḡ P·P° PİP°C†C-C"°PSC,PsPj.

PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—.

PkP°PIPμPrPμPSC- PSPëP¶C‡Pμ PSPμP±P°P¶P°PSC- CḡPμP°PeC†C-C— CḡPsP·PİPsPrC-P»PμPSC-
P·P° C‡P°CÍC,PsC,PsCḡ C,P° CÍPëCÍC,PμPjPSPs-PsCḡPiP°PSPSPëPjPë PeP»P°CÍP°PjPë (PŸPḡPḡ).

P— P±PsPeCž C€PeC-CHPë C,P° PiC-PrC€PeC-CHPSPsC— PeP»C-C,PePsPIPëPSPë	PrCžP¶Pµ C‡P°CÍC,Ps	PIPëCÍPëPiP°PSPSCÍ
	C‡P°CÍC,Ps	CÍC,PsPSC€P°PSPSCÍ PIPsP»PsCÍCÍCÍ, P°P»PsPiPµC†C-CÍ,(?) P°P»PµCHPiC-C‡PSC- CHPµP°PeC†C-C—
	PSPµC‡P°CÍC,Ps	PeCHPsPiPëPiB¶™ CÍPSPeP°
	CHC-PrPePs	PµCHPëC,PµPjP° PiPsP»C-PjPsCHC,,PSP°, P°PSP°C,,C-P»P°PeC,PsC—PrPSP° CHPµP°PeC†C-CÍ, C€PeC-CHPSPëP№ PIP°CÍPeCfP»C-C, (PIPeP»CHC‡P°CHC‡Pë PiPµPIPSCr PeC-P»CHPeC-CÍC,CH PiPsPIC-PrPsPjP»PµPSCß PiCHPs PIPëPiP°PrPePë PiCrCHPiCfCHPë PëPµPSP»CÍP№PSP°-P“PµPSPsC...P°)**
	PrCžP¶Pµ CHC-PrPePs	CÍPëPSPrCHPsPj PŸC,C-PIPµPSCÍP°- P“P¶PSPSCÍPsPSP°, P°PSPiC-PsPSPµPICCHPsC,PeC‡PSPëP№ PSP°P±CHCÍPe
P— P±PsPeCž PsCHPiP°PSC-PI P·PsCHCž	PSPµPIC-PrPsPjPs	P»C-C...PµPSPsC—PrPSC- PIPëCÍPëPiP°PSPSCÍ
	PSPµPIC-PrPsPjPs	CÍCfC...C-CÍC,CH PsC‡PµP№
	PrCžP¶Pµ C‡P°CÍC,Ps	P°CHC,CHP°P»PiC-CÍ/PiPsCHCfC€PµPSPSCÍ CHCfC...P»PëPiPsCÍC,C- PI CÍCfPiP»PsP±P°C..., P°CHC,CHPëC,, PsCÍC,PµPsPiPsCHPsP·
	C‡P°CÍC,Ps	P±C-P»CH Cr PeC-CÍC,PeP°C..., PjC-P°P»PiC-CÍ
	PSPµC‡P°CÍC,Ps	CÍPëPSPrCHPsPj PeP»P°C†P°CHC‡PsPiPs PiP°P»CHC†CÍ
P— P±PsPeCž PeC-CÍC,PePsPIPs- PjB¶™ CÍP·PsPIPsC— CÍPëCÍC,PµPjPë C,P° CÍPiPsP»CžC‡PSPsC— C,PeP°PSPëPSPë	PSPµPIC-PrPsPjPs	C,PµPSPrPëPSC-C,, CHPsP·CHPëPI CÍCfC...PsP¶PëP»CH
	PrCžP¶Pµ C‡P°CÍC,Ps	CÍCfC...C-CÍC,CH PiC-C...PIPë, PIP°PiC-PSP°P»CHPSP° PeCHPsPIPsC,PµC‡P°***
	C‡P°CÍC,Ps	CÍCfC...C-CÍC,CH PiC-C...PIPë, PIP°PiC-PSP°P»CHPSP° PeCHPsPIPsC,PµC‡P°***
	PSPµC‡P°CÍC,Ps	CÍPëPSPrCHPsPj PeP»P°C†P°CHC‡PsPiPs PiP°P»CHC†CÍ
	PSPµPIC-PrPsPjPs	C,PµPSPrPëPSC-C,, CHPsP·CHPëPI CÍCfC...PsP¶PëP»CH
P— P±PsPeCž CHPµPiCHPsPrCžPeC,PëPIPSPsC— CÍPëCÍC,PµPjPë C,P° PjPsP»PsC‡PSPëC... P·P°P»PsP·	C‡P°CÍC,Ps	CÍCfC...C-CÍC,CH PiC-C...PIPë, PIP°PiC-PSP°P»CHPSP° PeCHPsPIPsC,PµC‡P°***
P—P°PiP°P»CHPSC- CHPsP·P»P°PrPë C,P° CHPµP°PeC†C-C— Cž PjC-CÍC†C- PIPIPµPrPµPSPSCÍ	PrCžP¶Pµ C‡P°CÍC,Ps	P°CÍC,PµPSC-CÍ

*PŞP°CÍC,PsC,P° PIPëPSPëPePSPµPSPSCÍ P·P°PiB¶™ CÍCÍC,PSPsPiPs C,CfPSPµP»CHPSPsPiPs
CÍPëPSPrCHPsPjCr P±CfP»P° P±C-P»CHC€PsCH Cr PiP°C†C-C“PSC,PsPe, CÍPeC-
PsC,CHPëPjCrPiP°P»Pë P°PSP°CÍC,CHPsP·PsP» Cr C...PsPrC- PeP»C-PSC-C‡PSPëC...
PrPsCÍP»C-PrP¶PµPSCß, PiPsCHC-PIPSCÍPSPs P· C,P°PePsCH Cr PiP°C†C-C“PSC,PsPe, CÍPeC-
PsC,CHPëPjCrPiP°P»Pë C,P°PjPsPeCÍPëC,,PµPS. PhPrPSP°Pe P±C-P»CHC€C-CÍC,CH C†PëC...
PIPëPiP°PrPeC-PI PIPëPSPëPeP°P»P° Cr PiP°C†C-C“PSC,PsPe C-P· PIPëP·PSP°C‡PµPSPëPjPë
C,,P°PeC,PsCHP°PjPë CHPëP·PëPeCr CHPsP·PIPëC,PeCr C†CHPsPiPs CÍC,P°PSCf.

**PhCÍPeC-P»CHPePë Cr PrPsCÍP»C-PrP¶PµPSPSC- ATAC PIPëPiP°PrPePë C€PeC-CHPSPsPiPs
PIP°CÍPeCfP»C-C,Cf C,P° PiCrCHPiCfCHPë PëPµPSP»CÍP№PSP°-P“PµPSPsC...P° PSPµ
CÍPiPsCÍC,PµCHC-PiP°P»PëCÍCÍ, C‡P°CÍC,PsC,P° C†PëC... CÍPIPëC% PjPsP¶Pµ
PIPIP°P¶P°C,PëCÍCÍ CHC-PrPePsCH (≥ 0,01 %, < 0,1 %) PSP° PsCÍPSPsPIC-
PSP°P№PiC-CHC€PsPiPs P·PSP°C‡PµPSPSCÍ C,PsC‡PePsPIPsC— PsC†C-PSPëPë.

***P°PiC-PSP°P»CHPSC- PeCHPsPIPsC,PµC‡C- PIPëPSPëPeP°P»Pë C‡P°CÍC,Ps, PI
PsCÍPSPsPIPSsPjCr Cr PiP°C†C-C“PSC,PsPe C-P· PiPsC€PëCHPµPSPëPj CHP°PePsPj
PjPsP»PsC‡PSPsC— P·P°P»PsP·Pë PiC-Pr C‡P°CÍ PiPµCHC€PëC... PeC-P»CHPePsC...
C,PëP¶PSC-PI PiC-CÍP»CÍ P·P°PjC-PSPë PiPsCHPjPsPSP°P»CHPSPsC— C,PµCHP°PiC-C— PSP°
P»C-PeCfPiP°PSPSCÍ P°PSP°CÍC,CHPsP·PsP»PsPj. PİPeC%Ps PeCHPsPIPsC,PµC‡C-
PiCHPsPrPsPIP¶CfCHC,CHCÍCÍ, CÍP»C-Pr PiCHPsPIPµCÍC,Pë PiPsPrP°P»CHC€Pµ
PsP±CÍC,PµP¶PµPSPSCÍ.

PµPsPIC-PrPsPjP»PµPSPSCЦ PιCηPs PιPsP±C-C≠PSC- CηPµP°PeC†C-C— PιC-CΓP»CЦ
CηPµC”CΓC,CηP°C†C-C— P»C-PeP°CηCΓCHPePsPiPs P·P°CΓPsP±Cρ PjP°C” PIP°P¶P»PëPIPµ
P·PSP°C≠PµPSPSCЦ. P|Pµ PrP°C” P·PjPsPiCρ PιCηPsPIPsPrPëC,Pë PjPsPSC-C,PsCηPëPSPI
CΓPιC-PIPIC-PrPSPsC€PµPSPSCЦ PePsCηPëCΓC,CH/CηPëP·PëPe PιCηPë
P·P°CΓC,PsCΓCρPIP°PSPSC- C†CHPsPiPs P»C-PeP°CηCΓCHPePsPiPs P·P°CΓPsP±Cρ.
PϖPµPrPëC≠PSPëPj C,P° C„P°CηPjP°C†PµPIC,PëC≠PSPëPj PιCηP°C†C-PIPSPëPeP°Pj, P°
C,P°PePsP¶ PιP°C†C-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj PιCηPµPrCΓC,P°PIPSPëPeP°Pj
CΓP»C-Pr PιPsPIC-PrPsPjP»CЦC,Pë PιCηPs CρCΓC- PIPëPιP°PrPePë PιC-PrPsP·CηCηPIP°PSPëC...
PιPsP±C-C≠PSPëC... CηPµP°PeC†C-PN₂ C,P° PIC-PrCΓCρC,PSPsCΓC,C-
PµC„PµPeC,PëPIPSPsCΓC,C- P»C-PeP°CηCΓCHPePsPiPs P·P°CΓPsP±Cρ PrPs
P”PµCηP¶P°PIPSPsPiPs PµPeCΓPιPµCηC,PSPsPiPs C†PµPSC,CηCρ PϖPhP— PJPeCηP°C—PSPë
P·P° PιPsCΓPëP»P°PSPSCЦPj: <https://aisf.dec.gov.ua/>

РүРµСҗРјС-PS РїСҗРёРґР°С,РSPsСҒС,С-. 3 СҗPsРёРё.

PJpJpSPiPë P·P±PμCḡC-PiP°PSPSCII. P—P±PμCḡC-PiP°C, Pë PI PsCḡPëPiC—PSP°P»CHbPSC—PN₂ CrPiP°PePsPIC†C— PiCḡPë C, PμPjPiPμCḡP°C, CrCḡC— PSPμ PIPëC%oPμ 25 B°PŸ.
P—P±PμCḡC-PiP°C, Pë PI PSPμPrPsC†C, CrPiPSPsPjCr PrP»CII PrC—C, PμPN₂ PjC—C†C†C—.

PJPiP°PePsPIPeP°. P₄Ps 14 C,P°P±P»P₄C,PsPe Cí P±P»C-ClC,P₄CH₃C-, P₄Ps 2 P±P»C-ClC,P₄CH₃Pë Cí PeP°CH₃C,PsPSPSC-PN₂ PePsCH₃PsP±C†C-.

P_LP°C,PuPiPsCH₃C-Cl PIC-PtP*i*Cr'Cr'eCr'. P—P° CH₃PuC†PuP*i*C, PsPj.

P'PëCḥPsP±PSPëPε.

$P^{\circ}P\ddot{e}C\overline{H}P_sP\pm PSp\ddot{e}P_e, PIC-P\overline{r}P\ddot{i}PsPIC-P\overline{r}P^{\circ}P\gg CH\overline{b}PSP\ddot{e}PN_e P\cdot P^{\circ} P\ddot{i}P^{\circ}PeC\acute{z}PIP^{\circ}PSPSC\overline{H} C,P^{\circ} PIP\ddot{e}P\ddot{i}C\acute{z}C\overline{I}P_e C\overline{I}P_{\mu}C\overline{H}C-C-:$

$$\text{P}\ddot{\text{Y}}\text{C}-\text{PSC}, \text{P}_s\text{PS} \quad \text{P}\Gamma\text{C}-\text{C}\Gamma\text{P}\ddot{\text{i}}\text{P}^\circ\text{PSC}-\text{C}\text{I}, \text{P}\ddot{\text{Y}}.\text{P}_\text{s}.$$

Р_ЬС-СГГ†Р_μР·Р_{SP}°С...Р_SР_ГР¶Р_μР_{SP}Р_{SC}¶ Р_{IP}ëСГР_SР±Р_{SP}ëР_еР° С,Р° Р°Р¶СГР_μСГР° Р_ГС-СГГ†С¶ Р_ГСГР_SР_{IP}°Р¶Р¶Р_μР_{SP}Р_{SC}¶ Р_NР_SР_иР_S Р¶С-С¶Р»СГР_SР_{SP}СГГ,С-.

Р'СрР». Р_Л/Р_ЛР°СГС, Р_ПР»Р»Р_С, n°1, Р_ЩР°Р_СС, Р'Р_СС- Р_ГР_П Р»Р»Р_СР±С_ГР_ПР_ПР°С,, Р'Р°С_ГСГР_ПР»Р»Р_СР_СР°Р°°, 08830, Р†СГР_ПР°Р°С-С_П.