

**PrP»CЦ PjPμPrPëC‡PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CĤCíCĤPePsPiPs
P•P°CíPsP±Cí**

(PALSET)

PrPsPiPsPjC-P¶PSC- C¶PµC¶PsPIPëPSPë: PjP°PSC-C, (P • 421); PrPëPSP°C,C¶C-C¶ PµPrPµC,P°C,; PSP°C,C¶C-C¶ C†PëC,C¶P°C,; PePëC¶P»PsC,P° P»PëPjPsPSPSP°, PjPsPSPsPiC-PrC¶P°C,; PSP°C,C¶C-C¶ PiC-PrC¶PsPeC¶PëPr (NaHO) 1N, PePëC¶P»PsC,P° C...P»PsC¶PëC¶C,PsPIPsPrPSPµPIP° PePsPSC†PµPSC,C¶PsPIP°PSP° (HCl) 1N, PIPsPrP° PrP»C¶ C-PSB¶™ C"PeC†C-PNë.

[illegible]

$P \cdot P \gg C - PjC - PSP \circ C \uparrow C - C \downarrow \quad P \ddot{P} \circ P \gg PsPSPsC \uparrow P_{\mu}C, C \ddot{P}PsPSCr \quad PIC - PrP \pm C \uparrow PIP \circ C''C, C \ddot{H}C \uparrow C \downarrow$
 $PrPIP sPjP \circ \quad C \ddot{E}P \gg C \downarrow C \dots P \circ PjP \ddot{E}: P \ddot{C} \ddot{H}P \ddot{E}P \pm P \gg P \ddot{E}P \cdot PSPs \quad 40 \% \quad PrPsP \cdot P \ddot{E} \quad PIP \ddot{E}PIP sPrP \ddot{E}C, C \ddot{H}C \uparrow C \downarrow$
 $PSP \ddot{E}C \ddot{H}P eP \circ PjP \ddot{E} \quad C, P \circ \quad P \ddot{C} \ddot{H}P \ddot{E}P \pm P \gg P \ddot{E}P \cdot PSPs \quad 50 \% \quad PjP_{\mu}C, P \circ P \pm PsP \gg C - P \cdot C \uparrow C''C, C \ddot{H}C \uparrow C \downarrow$
 $P \cdot C \uparrow C, PIP sC \ddot{H}P_{\mu}PSPSC \downarrow Pj \quad PrPIPsC \dots PsC \uparrow PSPsPIPSP \ddot{E}C \dots PjP_{\mu}C, P \circ P \pm PsP \gg C - C, C - PI, C \downarrow P eC -$

PjP°CĤC,CH PjPμPSC€Pμ PSC-P¶ 1 % P°PSC,P°PiPsPSC-CÍC,PëC±PSPsC—
P°PeC,PëPIPSPsCÍC,C- PïP°P»PsPSPsCÍPμC,CĤPsPSCr C%PsPrPs 5-PkPŸ₃-
CĤPμC†PμPïC,PSCĤC-PI. PJ PïCĤPsC†PμCÍC- PrPsCÍP»C-PrP¶PμPSCĤ PjPμC,P°P±PsP»C-P·PjCÍ
in vitro P±CÍP»Ps PïPsPeP°P·P°PSPs, C%Ps PI PjPμC,P°P±PsP»C-P·PjC-
PïP°P»PsPSPsCÍPμC,CĤPsPSCr P·P°PrC-CĬPSC- C-P·PsC,,PμCĤPjPμPSC, CYP2D6 C,P°
PjPμPSC€PsCĤ PjC-CĤPsCĤ BĤ“ C-P·PsC,,PμCĤPjPμPSC,Pë CYP3A4 C- CYP1A2.
PhPrPSP°Pe PIC-PrCÍCÍC,PSC- PeP»C-PSC-C±PSC- C,,P°CĤPjP°PePsPeC-PSPμC,PëC±PSC-
PIC-PrPjC-PSPSPsCÍC,C- CÍ PïP°C†C-C”PSC,C-PI C-P· PïPsPIC-P»CHBPSPëPj C,P°
C€PIPëPrPePëPj PjPμC,P°P±PsP»C-P·PjPsPj CÍCÍP±CÍC,CĤP°C,C-PI C-P·PsC,,PμCĤPjPμPSC,CÍ
CYP2D6. PμP°P»PsPSPsCÍPμC,CĤPsPS CÍ PeP»C-PSC-C±PSPs P·PSP°C±CÍC%PëC...
PePsPSC†PμPSC,CĤP°C†C-CĬC... PSPμ C-PSPiC-P±CÍC” C- PSPμ C-PSPrCÍPeCÍC”
C-P·PsC,,PμCĤPjPμPSC,Pë CÍPëCÍC,PμPjPë C†PëC,PsC...CĤPsPjCÍ P₄₅₀. P·P»C-PjC-PSP°C†C-CĬ

PμC-CÍP»CĬ PIPSCrC,CĤC-C€PSCĤPsPI.PμPSPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCĬ
PsPrPSPsCĤP°P·PsPIPsC— PrPsP·Pë 10 PjPePi/PePi [¹⁴C]-PïP°P»PsPSPsCÍPμC,CĤPsPSCr
PïCĤPëP±P»PëP·PSPs 80 % PrPsP·Pë PIPëCĬPIP»CĬP»Pë PïCĤPsC,CĬPiPsPj 144 PiPsPrPëPS CÍ
CÍPμC†C-, PïCĤPë C†CHBPsPjCÍ C±P°CÍC,PeP° PSPμP·PjC-PSPμPSPsC— PrC-CĤC±PsC—
CĤPμC±PsPIPëPSPë PïP°P»PsPSPsCÍPμC,CĤPsPSCr CÍC,P°PSPsPIPëP»P° PïCĤPëP±P»PëP·PSPs
40 % PIC-Pr PIPμPrPμPSPsC— PrPsP·Pë.
PμC-CÍP»CĬ PIPSCrC,CĤC-C€PSCĤPsPIPμPSPSPsPiPs P±PsP»CĤCÍPSPsPiPs
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PsPrPSPsCĤP°P·PsPIPsC— PrPsP·Pë CÍ P·PrPsCĤPsPIPëC...
PrPsP±CĤPsPIPsP»CHC†C-PI P·P°PiP°P»CHBPSPëPNë PeP»C-CĤPμPSCÍ
PïP°P»PsPSPsCÍPμC,CĤPsPSCr P· PsCĤPiP°PSC-P·PjCÍ CÍC,P°PSPsPIPëPI 173 B± 73 PjP»/C...PI,
P° PSPëCĤPePsPIPëPNë PeP»C-CĤPμPSCÍ - 53 B± 29 PjP»/C...PI. PkPëP·CHPeP°
C€PIPëPrPeC-CÍC,CH P·P°PiP°P»CHBPSPsPiPs PeP»C-CĤPμPSCÍCÍ P·
PsCĤPiP°PSC-P·PjCÍ C,P° PIPμP»PëPePëPNë PsP±BĤ™ C”Pj CĤPsP·PïPsPrC-P»CÍ
PsP±CÍPjPsPIP»CĤCĤC,CH PeC-PSC†PμPIPëPNë PïPμCĤC-PsPr
PSP°PiC-PIPIPëPIPμPrPμPSPSCĬ C,CĤPëPIP°P»C-CÍC,CĤ PïCĤPëP±P»PëP·PSPs 40
PiPsPrPëPS. PJ 10 % PïP°C†C-C”PSC,C-PI CÍPμCĤPμPrPSC” P·PSP°C±PμPSPSCĬ
PeC-PSC†PμPIPsPiPs PïPμCĤC-PsPrCÍ PSP°PiC-PIPIPëPIPμPrPμPSPSCĬ
CÍC,P°PSPsPIPëC,CH PïPsPSP°Pr 100 PiPsPrPëPS.

PμP°CĤPjP°PePsPeC-PSPμC,PëPeP° PI PsPeCĤPμPjPëC... PïPsPïCÍP»CĬC†C-CĬC....

PμP°C†C-C”PSC,Pë P»C-C,PSCHBPsPiPs PIC-PeCž.

P’C-Pë PïP°C†C-C”PSC,P° PSPμ PIPïP»PëPIP°C” PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëPeCÍ
PïP°P»PsPSPsCÍPμC,CĤPsPSCr. P”P»CĬ PïP°C†C-C”PSC,C-PI P»C-C,PSCHBPsPiPs PIC-PeCÍ
PePsCĤPμPeC†C-CĬ PrPsP·Pë PSPμ PïPsC,CĤC-P±PSP°.

PŸC,P°C,CH.

PŸC,P°C,CH PïP°C†C-C”PSC,P° PSPμ PIPïP»PëPIP°C” PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëPeCÍ
PïP°P»PsPSPsCÍPμC,CĤPsPSCr. PμPsCĤPëPïCÍPIP°PSPSCĬ PrPsP·Pë P·P°P»PμP¶PSPs PIC-Pr
CÍC,P°C,C- PïP°C†C-C”PSC,P° PSPμ PïPsC,CĤC-P±PSPμ.

PμPμPrC-P°C,CĤPëC±PSP° PïPsPïCžP»CĬC†C-CĬ.

PμP°CĤPjP°PePsPeC-PSPμC,PëC±PSC- PrP°PSC- PïCĤPë PsPrPSPsCĤP°P·PsPIPsPjCÍ
PIPSCrC,CĤC-C€PSCĤPsPIPμPSPSPsPjCÍ PIPμPrPμPSPSC- PïP°P»PsPSPsCÍPμC,CĤPsPSCr
PiC-PrCĤPsC...P»PsCĤPëPrCÍ P±CÍP»Pë PsC,CĤPëPjP°PSC- PI PïC-PrPïCĤCÍPïC-

PīPμPrC-P°C, CḡPēC‡PSPēC... PīP°C†C-C" PSC, C-PI P· CḡP°PePsPj (n = 280), C%Ps
 PsC, CḡPēPjC†PIP°P»Pē P»C-PeP°CḡC†CHPePēPNē P·P°C†C-P± C† PrPsP·C- 10
 PjPePi/PePi P°P±Ps 20 PjPePi/PePi. PμCḡPē P·P±C-P»CHC€PμPSPSC- PrPsP·Pē P·
 10 PjPePi/PePi PrPs 20 PjPePi/PePi C†PīPsC†C, PμCḡC-PiP°P»PsC†CH
 PrPsP·PsPīCḡPsPīPsCḡC†C-PNēPSPμ P·P±C-P»CHC€PμPSPSC‡ C†PμCḡPμPrPSCḡPsPīPs
 P·PSP°C‡PμPSPSC‡ AUC. PμC-C†P»C‡ PsPrPSPsCḡP°P·PsPIPsc—
 PIPSC†C, CḡC-C€PSCḡPsPIPμPSPSPsc— C-PSC, „C†P·C-C— P»C-PeP°CḡC†CHPePsPīPs
 P·P°C†PsP±C† PI PrPsP·C- 20 PjPePi/PePi PīC-PePsPIC- PePsPSC†PμPSC, CḡP°C†C-C— PI
 PīP»P°P·PjC- PeCḡPsPIC- (PŸ_{py}), PIPēP·PSP°C‡PμPSC- PI PeC-PSC†C- 15-
 C...PIPēP»PēPSPSPsc— C-PSC, „C†P·C-C—, PIC-PrP·PSP°C‡P°P»PēC†CH PIPēC†PsPePsCḡ
 PIP°CḡC-P°P±PμP»CHPSC-C†C, Cḡ C† PIC†C-C... PIC-PePsPIPēC... PīCḡC†PīP°C... P·
 C, PμPSPPrPμPSC†C-C" Cḡ PrPs P·PSPēP¶PμPSPSC‡ C† PīP°C†C-C" PSC, C-PI PIC-PePsPj
 PrPs 6 CḡPsPeC-PI PīPsCḡC-PIPSC‡PSPs P· PīPμPrC-P°C, CḡPēC‡PSPēPjPē
 PīP°C†C-C" PSC, P°PjPē C†C, P°CḡC€PsPīPs PIC-PeC†. PŸPμCḡPμPrPSC-PNē PīPμCḡC-PsPr
 PSP°PīC-PICḡPsP·PīP°PrC† C†C, P°PSPsPIPēPI 29,5 PīPsPrPēPSPē C† PIC†C-C...
 PIC-PePsPIPēC... PīCḡC†PīP°C... (PrC-P°PīP°P·PsPS PīCḡPēP±P»PēP·PSPs PIC-Pr 20 PrPs
 30 PīPsPrPēPS) PīC-C†P»C‡ PIPμPrPμPSPSC‡ P»C-PeP°CḡC†CHPePsPīPs
 P·P°C†PsP±C† PI PrPsP·C- 20 PjPePi/PePi. P—P°PīP°P»CHPSPēPNē PeP»C-CḡPμPSC†
 (P»/PīPsPr/PePi) C† PīP°C†C-C" PSC, C-PI PIC-PePsPj PIC-Pr 12 PrPs 17 CḡPsPeC-PI
 P±C†PI PīPsPrC-P±PSPēPj PrP°PSPsPjC† PīPsPeP°P·PSPēPeC† PI P·PrPsCḡPsPIPēC...
 PrPsCḡPsC†P»PēC... PrPsP±CḡPsPIPscP»CHC†C-PI. PīPIPSPsc—
 PIC-PrPjC-PSPSPsc†C, C- PI PsP±bḡ™ C" PjC- CḡPsP·PīPsPrC-P»C†,
 PIPēCḡP°P¶PμPSPsPjC† PI P»/PePi, PSPμPjP°C".

PkPēCḡPePsPIP° PSPμPrPsC†C, P°C, PSC-C†C, CH.

P"P»C‡ PīP°C†C-C" PSC, C-PI P· PSPēCḡPePsPIPscCḡ PSPμPrPsC†C, P°C, PSC-C†C, Cḡ
 PePsCḡPμPeC†C-C‡ PrPsP·Pē PSPμ PīPsC, CḡC-P±PSP°. P"°PSC- C%PsPrPs
 C, „P°CḡPjP°PePsPeC-PSPμC, PēPePē C† PīP°C†C-C" PSC, C-PI PSP° PīPμPjPsPrC-P°P»C-P·C-
 PIC-PrC†C†C, PSC-.

PμPμC‡C-PSPePsPIP° PSPμPrPsC†C, P°C, PSC-C†C, CH.

PμP°C†C-C" PSC, Pē P· C, C‡P¶PePsCḡ PīPμC‡C-PSPePsPIPscCḡ PSPμPrPsC†C, P°C, PSC-C†C, Cḡ
 PSPμ PīPsC, CḡPμP±C†CḡC, CH PePsCḡPμPeC†C-C— PrPsP·Pē PīP°P»PsPSPsc†PμC, CḡPsPSC†.

P»P»C-PSC-C‡PSC- C...P°CḡP°PeC, PμCḡPēC†C, PēPePē.

PμPsPeP°P·P°PSPSC‡.

PμCḡPsC, „C-P»P°PeC, PēPeP° PīPsC†C, CḡPsC— PSC†PrPsC, Pē C, P° P±P»CḡPIP°PSPSC‡,
 C‡PePēPjPē C†C†PīCḡPsPIPscPrP¶C†C" C, CHC†C‡ PIPēC†PsPePsPμPjPμC, PsPīPμPSPSP° P°P±Ps
 PīPsPjC-CḡPSPsPμPjPμC, PsPīPμPSPSP° C...C-PjC-PsC, PμCḡP°PīC-C‡ PI PsPSPePsP»PsPīC-C—.

PμCḡPsC, PēPīPsPeP°P·P°PSPSC‡.

P"C-PīPμCḡC‡C†C, P»PēPIC-C†C, CH PrPs PrC-CḡC‡PsC— CḡPμC‡PsPIPēPSPē P°P±Ps PrPs

$P \pm CrPrCH - ClPePsC - P \cdot PrPsPiPsPjC - P \parallel PSPeC \dots$ $CHPmC \pm PsPIPePS$ $P \gg C - PeP^\circ CHCrCHPePsPiPs$
 $P \cdot P^\circ ClPsP \pm Cr$.

**$P \cdot P^\circ C'' PjPsPrC - Cl P \cdot C - PSCePePjPe$ $P \gg C - PeP^\circ CHCrCHPePePjPe$ $P \cdot P^\circ ClPsP \pm P^\circ PjPe$ C, P°
 $C - PSCeC - PIPePrPe$ $PIP \cdot P^\circ C'' PjPsPrC - PN_2$.**

$PmP^\circ P \gg PsPSPsClPmC, CHPsPS$ $PjPmC, P^\circ P \pm PsP \gg C - P \cdot CrC''C, CHCrCl PI$ $PsClPSPsPIPSPsPjCr$
 $C - P \cdot PsC, PmCHPjPmPSC, PsPj$ $CYP2D6$; $PjPmPSCe$ $P \cdot PSP^\circ C \pm PSCr$ $CHPsP \gg CH$ Cr $PN_2PsPiPs$
 $PjPmC, P^\circ P \pm PsP \gg C - P \cdot PjC - PIC - PrC - PiCHP^\circ CHC, CH$ $C - P \cdot PsC, PmCHPjPmPSC, Pe$ $CYP3A4$ C, P°
 $CYP1A2$. $P - PiC - PrPSPs$ $P \cdot PrP^\circ PSPePjPe$ $PrPsClP \gg C - PrP \parallel PmPSC$ *in vitro*,
 $PiP^\circ P \gg PsPSPsClPmC, CHPsPS$ Cr $PeP \gg C - PSC - C \pm PSPs$ $P \cdot PSP^\circ C \pm CrC\%PeC \dots$
 $PePsPSC \pm PmPSC, CHP^\circ C \pm C - ClC \dots$ $PSPm$ $C - PSPiC - P \pm CrC''$ C, P° $PSPm$ $C - PSPrCrPeCrC''$
 $C - P \cdot PsC, PmCHPjPmPSC, Pe$ $ClPeClC, PmPjPe$ $C \pm PeC, PsC \dots$ $CHPsPjCr$ P_{450} .

$PIC - PjC - PsC, PmCHP^\circ PiPmPIC, PeC \pm PSC - P \gg C - PeP^\circ CHCrCHPeC - P \cdot P^\circ ClPsP \pm Pe$.

Pj $PiCHPsC \pm PmClC - PrPsPeP \gg C - PSC - C \pm PSPeC \dots$ $PrPsClP \gg C - PrP \parallel PmPSC$ $P \pm CrP \gg Ps$
 $PICrC, P^\circ PSPsPIP \gg PmPSPs, C\%Ps$ $PiP^\circ P \gg PsPSPsClPmC, CHPsPS$ $PSPm$ $C - PSPiC - P \pm CrC''$
 $PiCHPsC, PePiCrC \dots P \gg PePSPSC - PmC, PmPeC, Pe$ $PiB\text{H}^{\text{TM}}$ ClC, Pe $PrPsClP \gg C - PrP \parallel CrPIP^\circ PSPeC \dots$
 $C \dots C - PjC - PsC, PmCHP^\circ PiPmPIC, PeC \pm PSPeC \dots$ $P \cdot P^\circ ClPsP \pm C - PI$ $(C \pm PeClPiP^\circ P^\circ C, PePSCr,$
 $C \pm PePeP \gg PsC, PsClC, P^\circ PjC - PrCr, C \pm PeC, P^\circ CHP^\circ P \pm C - PSCr, PrPsPeClPsCHCrP \pm C - C \pm PePSCr$ C, P°
 $PjC - C, PsPjC - C \pm PePSCr$ $C)$.

$PhPmC, PsPeP \gg PsPiCHP^\circ PjC - Pr$.

Pj $PiCHPsC \pm PmClC - PeP \gg C - PSC - C \pm PSPsPiPs$ $PrPsClP \gg C - PrP \parallel PmPSPSC$ ClC $PSPm$
 $ClPiPsClC, PmCHC - PiP^\circ P \gg PsClCl P \cdot PSP^\circ C \pm CrC\%PsPiPs$
 $C, P^\circ CHPjP^\circ PePsPeC - PSPmC, PeC \pm PSPsPiPs$ $PIP \cdot P^\circ C'' PjPsP \cdot PiB\text{H}^{\text{TM}}$ $ClP \cdot PeCr$ $PjC - P \parallel$
 $PiP^\circ P \gg PsPSPsClPmC, CHPsPSPsPj, ClPePePN_2$ $P \cdot P^\circ ClC, PsClPsPICrPIP^\circ P \gg Pe$
 $PsPrPSPsCHP^\circ P \cdot PsPIPs$ $PIPSCrC, CHC - C \epsilon PSCHPsPIPmPSPSPePj$ $C \epsilon P \gg ClC \dots PsPj, C, P^\circ$
 $ClC, P^\circ P \pm C - P \gg CHPsPSC$ $PePsPSC \pm PmPSC, CHP^\circ C \pm C - C''CH$ $PjPmC, PsPeP \gg PsPiCHP^\circ PjC - PrCr$
 $(C - PSPiC - P \pm C - C, PsCHPsPj$ $CYP2D6)$, $ClPePePN_2$ $P \cdot P^\circ ClC, PsClPsPICrPIP^\circ PICrCl$
 $PiPmCHPsCHP^\circ P \gg CHPsPS$.

$P \pm PSPrCrPeC, PsCHPe$ C, P° $C - PSPiC - P \pm C - C, PsCHPe$ $CYP2D6$.

Pj $PiCHPsC \pm PmClC - PiPsPiCrP \gg ClC \pm C - PN_2PSPsPiPs$ $C, P^\circ CHPjP^\circ PePsPeC - PSPmC, PeC \pm PSPsPiPs$
 $P^\circ PSP^\circ P \gg C - P \cdot Cr$ $P \pm CrP \gg P^\circ$ $PiPsPeP^\circ P \cdot P^\circ PSP^\circ$ $PIC - PrClCrC, PSC - ClC, CH$ $P \cdot PSP^\circ C \pm CrC\%PsPiPs$
 $PIP^\circ P \gg PePICr$ PSP° $PeP \gg C - CHPmPSCr$ $PiP^\circ P \gg PsPSPsClPmC, CHPsPSCr$ $PiCHPe$ $PN_2PsPiPs$
 $PsPrPSPsC \pm P^\circ ClPSPsPjCr$ $P \cdot P^\circ ClC, PsClCrPIP^\circ PSPSC - P \cdot C - PSPrCrPeC, PsCHP^\circ PjPe$ $CYP2D6$
 $(PrPmPeClP^\circ PjPmC, P^\circ P \cdot PsPS$ $C - CHPeC, P^\circ PjPiC - C \pm PePS)$ C, P° $C - PSPiC - P \pm C - C, PsCHP^\circ PjPe$
 $CYP2D6$ $(PiPeP \gg CHC \pm P^\circ CHC \pm Pe$ $P^\circ PjC - PsPrP^\circ CHPsPS, C \pm PmP \gg PmPePsPeClPe \pm,$
 $C \dots P \gg PsCHPiCHPsPjP^\circ P \cdot PePS, C \pm PePjPmC, PePrPePS, PrPsPeClPsCHCrP \pm C - C \pm PePS,$
 $C, P \gg CrPsPeClPmC, PePS, PiP^\circ P \gg PsPiPmCHPePrPsP, PiP^\circ CHPsPeClPmC, PePS, C \dots C - PSC - PrPePS,$
 $CHP^\circ PSC - C, PePrPePS, CHPeC, PsPSP^\circ PIC - CH, ClPmCHC, CHP^\circ P \gg C - PS$ $P^\circ P \pm Ps$
 $C, PmCHP \pm C - PSP^\circ C, C - PS)$. $PhPsCHC, PePePsClC, PmCHPsC - PrPe$.

$PmP^\circ P \gg PsPSPsClPmC, CHPsPS$ $P \pm PmP \cdot PiPmC \pm PSPs$ $P \cdot P^\circ ClC, PsClPsPICrPIP^\circ PICrCl$
 $PsPrPSPsC \pm P^\circ ClPSPs$ $P \cdot PePsCHC, PePePsClC, PmCHPsC - PrP^\circ PjPe$.

$PY PmCHPsC, PsPSC - PSPmCHPiC - C \pm PSC - P \cdot P^\circ ClPsP \pm Pe$ $(ClPmP \gg PmPeC, PePIPSC -$

C-PSPiC-P±C-C,PsCḡPë P·PIPsCḡPsC,PSPsPiPs P·P°C...PsPīP»PμPSPSCḡ
CḡPμCḡPsC,PsPSC-PSCḡ (PŸP†P—P—PŸ) C,P° C-PSPiC-P±C-C,PsCḡPë P·PIPsCḡPsC,PSPsPiPs
P·P°C...PsPīP»PμPSPSCḡ CḡPμCḡPsC,PsPSC-PSCḡ C- PSPsCḡP°PrCḡPμPSP°P»C-PSCḡ
(P†P—P—PŸPḡ)).

PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PIPëPīP°PrPePë CḡPsP·PIPëC,PeCḡ
CḡPμCḡPsC,PsPSC-PSPsPiPsPīPs CḡPëPSPḡCḡPsPjCḡ PSP° C,P»C- PsPrPSPsC†P°CḡPSPsPiPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ 5-PḡPŸ₃-P°PSC,P°PiPsPSC-CḡC,C-PI C,P° C-PSCëPëC...
CḡPμCḡPsC,PsPSC-PSPμCḡPiC-C†PSPëC... PīCḡPμPīP°CḡP°C,C-PI (Cḡ C,PsPjCḡ C†PëCḡP»C-
PŸP†P—P—PŸ C,P° P†P—P—PŸPḡ).

P†PSCëC- P»C-PeP°CḡCḡCḡPeC- P·P°CḡPsP±Pë.

PμP°P»PsPSPsCḡPμC,CḡPsPS P±PμP·PīPμC†PSPs P·P°CḡC,PsCḡPsPICḡPIP°PICḡCḡ P·
P°PSP°P»CḡPiPμC,PëPeP°PjPë, P°PSC,PëPμPjPμC,PëPeP°PjPë/P»C-PeP°CḡCḡCḡPePëPjPë
P·P°CḡPsP±P°PjPë PīCḡPsC,Pë PSCḡPrPsC,Pë, CḡPīP°P·PjPsP»C-C,PëPeP°PjPë C,P°
P°PSC,PëC...PsP»C-PSPμCḡPiC-C†PSPëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë.

PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ.

PhCḡPeC-P»CḡPePë PīP°P»PsPSPsCḡPμC,CḡPsPS PjPsPḡPμ P·P±C-P»CḡCḡCḡPIP°C,Pë C†P°Cḡ
PīP°CḡP°PḡCḡ PIPjC-CḡC,Cḡ C,PsPICḡC,PsPiPs PePëCḡPμC†PSPëPeCḡ, PīC-CḡP»Cḡ
PIPIPμPrPμPSPSCḡ P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cḡ PSPμPsP±C...C-PrPSPs
CḡPiPsCḡC,PμCḡC-PiP°C,Pë P·P° CḡC,P°PSPsPj PīP°C†C-C°PSC,C-PI C-P· P·P°PiPsCḡP°PjPë PI
P°PSP°PjPSPμP·C- P°P±Ps P· PsP·PSP°PeP°PjPë PīC-PrPiPsCḡC,CḡPsC—
PsP±CḡC,CḡCḡPeC†C-C— PePëCḡPμC†PSPëPeCḡ. PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PrPIP°
PIPëPīP°PrPePë PIPëPSPëPePSPμPSPSCḡ P·P°PīPsCḡCḡ P· PeP°P»PsPiPsCḡ PīCḡPsP±PePsCḡ,
PrP»Cḡ P»C-PeCḡPIP°PSPSCḡ CḡPePsC— P·PSP°PrPsP±PëP»P°CḡCḡ
PiPsCḡPīC-C,P°P»C-P·P°C†C-Cḡ, PSP° C,P»C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
PīP°P»PsPSPsCḡPμC,CḡPsPSCḡ PI PrPsP·C- 750 PjPePi.

PjCḡC- PrPsCḡP»C-PrPḡCḡPIP°PSC- PrPsP·Pë PīP°P»PsPSPsCḡPμC,CḡPsPSCḡ PSPμ
PīCḡPëP·PIPsPrPëP»Pë PrPs PeP»C-PSC-C†PSPs P·PSP°C†CḡCḡPsPiPs PīPsPrPsPIPḡPμPSPSCḡ
C-PSC,PμCḡPIP°P»Cḡ QT, CḡPePsCḡPëPiPsPIP°PSPsPiPs P·P° C†P°CḡC,PsC,PsCḡ
CḡPμCḡC†PμPIPëC... CḡPePsCḡPsC†PμPSCḡ (QTc).

PhPrPSP°Pe, CḡPe C- C-PSCëC- P°PSC,P°PiPsPSC-CḡC,Pë 5-
PiC-PrCḡPsPeCḡPëC,CḡPëPīC,P°PjC-PSCḡ 3 (5-PḡPŸ₃), C†PμPNë P»C-PeP°CḡCḡCḡPePëPNë
P·P°CḡC-P± CḡP»C-Pr P· PsP±PμCḡPμPḡPSC-CḡC,Cḡ P·P°CḡC,PsCḡPsPICḡPIP°C,Pë
PīP°C†C-C°PSC,P°Pj, CḡPeC- PjP°CḡC,Cḡ PīPsPrPsPIPḡPμPSPSCḡ C-PSC,PμCḡPIP°P»Cḡ QT
P°P±Ps CḡC...PëP»CḡPSC- PrPs PNëPsPiPs CḡPsP·PIPëC,PeCḡ. P°Ps C,P°PePëC...
PīP°C†C-C°PSC,C-PI PSP°P»PμPḡP°C,Cḡ PsCḡPsP±Pë P· PīPsPrPsPIPḡPμPSPSCḡPj
C-PSC,PμCḡPIP°P»Cḡ QT PI PsCḡPsP±PëCḡC,PsPjCḡ P°P±Ps CḡPsPrPëPSPSPsPjCḡ
P°PSP°PjPSPμP·C-, P· PīPsCḡCḡCḡPμPSPSCḡPjPë PμP»PμPeC,CḡPsP»C-C,PSPsC—
CḡC-PIPsPSPiP°PiPë, P·P°CḡC,C-PNëPSPsCḡ CḡPμCḡC†PμPiPsCḡ
PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ, P±CḡP°PrC-P°CḡPëC,PjC-CḡPjPë, CḡPsP·P»P°PrP°PjPë
PīCḡPsPIC-PrPSPsC— CḡPëCḡC,PμPjPë CḡPμCḡC†Cḡ, P° C,P°PePsPḡ PsCḡPsP±Pë, CḡPeC-
PsC,CḡPëPjCḡCḡCḡ, Cḡ PīCḡPsC,PëP°CḡPëC,PjC-C†PSC- P»C-PeP°CḡCḡCḡPeC- P·P°CḡPsP±Pë
P°P±Ps C-PSCëC- P»C-PeP°CḡCḡCḡPeC- P·P°CḡPsP±Pë, CḡPeC- PīCḡPëP·PIPsPrCḡC,Cḡ PrPs
PīPsPrPsPIPḡPμPSPSCḡ C-PSC,PμCḡPIP°P»Cḡ QT C†Pë PīPsCḡCḡCḡPμPSPSCḡ

$$\text{PhC}\dot{\text{I}}\text{PeC-P} \gg \text{CHPeP}\ddot{\text{e}} \quad \text{PrP}^\circ\text{PSC-} \quad \text{C}\%_{\text{0}}\text{PsPrPs} \quad \text{P}\cdot\text{PrP}^\circ\text{C, PSPsC}\dot{\text{I}}\text{C, C-} \quad \text{P}\ddot{\text{I}}\text{P}^\circ\text{P} \gg \text{PsPSPsC}\dot{\text{I}}\text{P}_{\mu}\text{C, CHPsPSCr}$$

PiC7PsPSPePe°C,Pë PI PiC7CíPrPSPµ PjPsP»PsPePs PIC-PrCíCíC,PSC-, PiC7CíPrPSPµ
PIPëPiPsPrPsPICíPIP°PSPSCII PSP° PíPµC7C-PsPr C,PµC7P°PíC-C- C†PëPj
P»C-PeP°C7CíC7PëPëPj P·P°CíPsP±PsPj CíP»C-Pr PiC7PëPíPëPSPëC,Pë.

PαPµC7C,PëP»CHPSC-CíC,CH.

P°P°PSC- C°PsPrPs PIPiP»PëPICí PíP°P»PsPSPsCíPµC,C7PsPSCí PSP°
C„PµC7C,PëP»CHPSC-CíC,CH PIC-PrCíCíC,PSC-.

P-PrP°C,PSC-CíC,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CíC,CH C7PµP°PeC†C-C- PíC7Pë
PePµC7C¿PIP°PSPSC- P°PIC,PsC,C7P°PSCíPíPsC7C,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

PkPµ PiC7PsPIPsPrPëP»PsCíC7 PrPsCíP»C-PrP¶PµPSC7 PIPiP»PëPICí
P»C-PeP°C7CíC7PëPsPiPs P·P°CíPsP±Cí PSP° P·PrP°C,PSC-CíC,CH PePµC7CíPIP°C,Pë
P°PIC,PsC,C7P°PSCíPíPsC7C,PsPj P°P±Ps PíC7P°C†C7PIP°C,Pë P· C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

PkCíPeC-P»CHPePë PíP°P»PsPSPsCíPµC,C7PsPS PjPsP¶Pµ PIPëPeP»PëPeP°C,Pë
P·P°PíP°PjPsC7PsC†PµPSPSCII, CíPsPSP»PëPIC-CíC,CH P°P±Ps PIC,PsPjP»C7PIP°PSC-CíC,CH,
CíP»C-Pr PíPsPíPµC7PµPrP¶P°C,Pë PíP°C†C-C°PSC,C-PI, C°Ps PIPsPSPë PjP°C7C,CH
CíC,C7PëPjCíPIP°C,PëCíCII PIC-Pr C7PsP±PsC,Pë, C°Ps PíPsC,C7PµP±CíC°
C€PIPëPrPePsCíC,C- PíCíPëC...PsPjPsC,PsC7PSPëC... C7PµP°PeC†C-PNë.

PŸPíPsCíC-P± P·P°CíC,PsCíC¿PIP°PSPSCII C,P° PrPsP·Pë.

P>C-PeP°C7CíC7PëPëPNë P·P°CíC-P± PµP°P»CíPµC, CíP»C-Pr PiC7PëP·PSP°C†P°C,Pë
C,C-P»CHPePë PíPµC7PµPr P·P°CíC,PsCíCíPIP°PSPSCII Pj C...C-PjC-PsC,PµC7P°PíC-C-.
PíPµPNë P»C-PeP°C7CíC7PëPëPNë P·P°CíC-P± PíPsPIPëPSPµPS PIPiPsPrPëC,Pë
PjPµPrPëC†PSPëPNë PíC7P°C†C-PIPSPëPe PI CíPjPsPIP°C... PSP°P»PµP¶PSPsPiPs
PjPµPrPëC†PSPsPiPs PePsPSC,C7PsP»C7.

P°Ps·CíPIP°PSPSCII.

P°PsC7PsCíP»C-.

250 PjPePi PíP°P»PsPSPsCíPµC,C7PsPSCí P·P°CíC,PsCíPsPICíC7C,CH C€P»CII C...PsPj
PsPrPSPsC7P°P·PsPIPsPiPs PIPSCíC,C7C-C€PSC7PsPIPµPSPSPsPiPs P±PsP»C7CíPSPsPiPs
PIPIPµPrPµPSPSCII PíC7PsC,CIIPIPsPj 30 CíPµPeCíPSPr PíC7PëP±P»PëP·PSPs P·P° 30
C...PIPëP»PëPS PrPs PíPsC†P°C,PeCí C...C-PjC-PsC,PµC7P°PíC-C-. P·C„PµPeC,PëPIPSC-CíC,CH
P»C-PeP°C7CíC7PëPsPiPs P·P°CíPsP±Cí PµP°P»CíPµC, C°PsPrPs PíC7PsC„C-P»P°PeC,PëPePë
PSCíPrPsC,Pë C,P° P±P»C7PIP°PSPSCII, CíPíC7PëC†PëPSPµPSPëC...
PIPëCíPsPePsPµPjPµC,PsPiPµPSPSPsC7 C...C-PjC-PsC,PµC7P°PíC-C°C7, PjPsP¶PSP°
PíC-PrPIPëC°PëC,Pë, CIIPeC°Ps PíPµC7PµPr C...C-PjC-PsC,PµC7P°PíC-C°C7
PrPsPrP°C,PePsPIPs P·P°CíC,PsCíPsPICíPIP°C,Pë PePsC7C,PëPePsCíC,PµC7PsC-Pr.

PµP°C†C-C°PSC,Pë P»C-C,PSCHPsPiPs PIC-PeC¿.

PµP°C†C-C°PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCí PePsC7PµPeC†C-CII PrPsP·Pë PSPµ

ΠΨC,CΉC-P±PSP°.

P''C-C,Pë (PIC-PePsPj PIC-Pr 1 PjC-CÍCΪC†CΪ PrPs 17 CΉPsPeC-PI).

PμP°P»PsPSPsCÍPμC,CΉPsPS CÍ PrPsP·C- 20 PjPePi/PePi (PjP°PeCÍPëPjP°P»CHΉPSP°
P·P°PiP°P»CHΉPSP° PrPsP·P° PSPμ ΠΨsPIPëPSPSP° ΠΨμCΉPμPIPëC%oCÍPIP°C,Pë 1500 PjPePi)
P·P°CÍC,PsCÍPsPICrC''C,CHCÍCΪ CÍ PIPëPiP»CΪPrC- PsPrPSPsCΉP°P·PsPIPsC— 15-
C...PIPëP»PëPSPSPsC— PIPSCrC,CΉC-C€PSCΉPsPIPμPSPSPsC— C-PSC,,CÍP·C-C—, CΪPeP°
CΉPsP·ΠΨsC±PëPSP°C''C,CHCÍCΪ ΠΨPëP±P»PëP·PSPs P·P° 30 C...PIPëP»PëPS ΠΨμCΉPμPr
ΠΨsC±P°C,PePsPj C...C-PjC-PsC,PμCΉP°ΠΨC-C—.

P'PμP·ΠΨμPeP° C,P° PμC,,PμPeC,PëPIPsC-CÍC,CH P·P°CÍC,PsCÍCÍPIP°PSPSCΪ
P»C-PeP°CΉCÍCHPePsPiPs P·P°CÍPsP±CÍ PμP°P»CÍPμC, PrC-C,CΪPj PIC-PePsPj PrPs 1
PjC-CÍCΪC†CΪ PSPμ PICÍC,P°PSPsPIP»PμPSC-. P''P°PSC- C%oPsPrPs C†CHΉPsPiPs
PIC-PrCÍCÍC,PSC-. PκP°CΪPIPsC- PsP±PjPμP¶PμPSC- PrP°PSC- C%oPsPrPs
P·P°CÍC,PsCÍCÍPIP°PSPSCΪ P»C-PeP°CΉCÍCHPePsPiPs P·P°CÍPsP±CÍ PrP»CΪ
ΠΨsΠΨμCΉPμPrP¶PμPSPSCΪ PSCÍPrPsC,Pë C,P° P±P»CHPIP°PSPSCΪ CÍ PrC-C,PμPNë
PIC-PePsPj PrPs 2 CΉPsPeC-PI. *PμPμC±C-PSPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH.*

PμP°C†C-C''PSC,P°Pj C-P· ΠΨμC±C-PSPePsPIPsCΉ PSPμPrPsCÍC,P°C,PSC-CÍC,CH
PePsCΉPμPeC†C-CΪ PrPsP·Pë PSPμ ΠΨsC,CΉC-P±PSP°.

PκPëCΉPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH.

PμP°C†C-C''PSC,P°Pj C-P· PSPëCΉPePsPIPsCΉ PSPμPrPsCÍC,P°C,PSC-CÍC,CH
PePsCΉPμPeC†C-CΪ PrPsP·Pë PSPμ ΠΨsC,CΉC-P±PSP°.

P''PsC,PμΠΨμCΉ PSPμPjP°C'' PrPsCÍC,CÍΠΨPëC... PrP°PSPëC... C%oPsPrPs
P·P°CÍC,PsCÍCÍPIP°PSPSCΪ C†CHΉPsPiPs P»C-PeP°CΉCÍCHPePsPiPs P·P°CÍPsP±CÍ
ΠΨP°C†C-C''PSC,P°Pj C-P· C,PμCΉPjC-PSP°P»CHΉPSPsCΉ CÍC,P°PrC-C''CΉ
P·P°C...PIPsCΉCΉPIP°PSPSCΪ PSPëCΉPsPe, CΪPeC- P-PSP°C...PsPrCΪC,CHCÍCΪ PSP°
ΠΨμPjPsPrC-P°P»C-P·C-. ΠΨΠΨsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCΪ.

P''P»CΪ PIPSCrC,CΉC-C€PSCΉPsPIPμPSPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCΪ.

P''C-C,Pë.

P>C-PeP°CΉCÍCHPePëPNë P·P°CÍC-P± P·P°CÍC,PsCÍPsPICrCΉC,CH PrC-C,CΪPj PIC-PePsPj
PIC-Pr 1 PjC-CÍCΪC†CΪ PrPs 17 CΉPsPeC-PI.

PμPμCΉPμPrPsP·C±PIP°PSPSCΪ.

PκP°CΉP°P·C- PSPμ ΠΨsPIC-PrPsPjP»CΪP»PsCÍCΪ ΠΨPμPs P¶PsPrPμPS PIPëPiP°PrPsPe
ΠΨμCΉPμPrPsP·CÍPIP°PSPSCΪ.

Pj ΠΨPμsC†PμCÍC- PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCΉ
P·P°CÍC,PsCÍPsPICrPIP°P»Pë PrPsP·Pë PrPs 6 PjPi. Pj ΠΨCÍPΨC-, CΪPeP°
PsC,CΉPëPjCÍPIP°P»P° PSP°PNëPIPëC%oCÍ PrPsP·CÍ, C±P°CÍC,PsC,P° PIPëPSPëPePSPμPSPSCΪ
PSPμP±P°P¶P°PSPëC... CΉPμP°PeC†C-PNë P±CÍP»P° ΠΨsPrC-P±PSPsCΉ PrPs C±P°CÍC,PsC,Pë,

CИPеP° CГPиPсCГC, PμCГC-PиP°P»P°CГCИ PИ C-PSC€PөC... PиCГCГPиP°C...;
 PрPсP·PсP·P°P»PμP¶PSPсCГC, C- CГPμP°PеCГC-PNө PSPμ CГPиPсCГC, PμCГC-PиP°P»PsCГCИ.
 PЈ PјP°P»PsPNөPјPsPIC-CГPSPсPјCГ PIPөPиP°PрPеCГ PиPμCГPμPрPсP·CГPIP°PSPSCИ
 PиPсPеP°P·P°PSP° PиC-PрC, CГPөPјCГPIP°P»CHPSP° C, PμCГP°PиC-CИ.
 P”PsCГP»C-PрP¶PμPSCH PрPсCГC-P»CHPSPсCГC, C- P·P°CГC, PsCГCГPIP°PSPSCИ
 PрC-P°P»C-P·CГ PSPμ PиCГPсPIPsPрPөP»PsCГCИ, PsPрPSP°Pе, PICГP°C...PsPICГCГC±Pө
 PIPμP»PөPөPөPNө PsP±BГ™ C”Pј CГPсP·PиPsPрC-P»CГ P»C-PөP°CГCГCHPөPsPiPs
 P·P°CГPсP±CГ, PμC,, PμPөC, PөPIpsc-CГC, CH PрC-P°P»C-P·CГ PрP»CИ P»C-PөCГPIP°PSPSCИ
 PиPμCГPμPрPсP·CГPIP°PSPSCИ PиCГPμPиP°CГP°C, PsPј C” PјP°P»PsPNөPјPsPIC-CГPSPсCH.

PμPμPрC-P°C, CГPөC±PSP° PиPsPиCзP»CИCГC-CИ.

P-PsPрPSPөC... PиPsPIC-PрPsPјP»PμPSCH PиCГPs PIPөPиP°PрPөPө PиPμCГPμPрPсP·CГPIP°PSPSCИ
 PиC-Pр C±P°CГ PөP»C-PSC-C±PSPөC... PрPsCГP»C-PрP¶PμPSCH P·P° CГC±P°CГC, CH
 PиPμPрC-P°C, CГPөC±PSPсC— PиPsPиCрP»CИCГC-C— PSPμ P±CГP»Ps.

PμPsP±C-C±PSC- CГPμP°PеCГC-C—.

PЈ PиCГPsCГPμCГC- PөP»C-PSC-C±PSPөC... PрPsCГP»C-PрP¶PμPSCH PиCГPө
 P·P°CГC, PsCГCГPIP°PSPSC- PрPsP·Pө 250 PјPөPi (P·P°PiP°P»CHPSP° PөC-P»CHPөC-CГC, CH
 CГC±P°CГPSPөPөC-PI BГ™ 633) PиPsP±C-C±PSPөPјPө CГPμP°PеCГC-CИPјPө, CИPөC-
 PSP°PNөC±P°CГC, C-CөPμ CГPиPсCГC, PμCГC-PиP°P»PөCГCИ C- CИPөC- PиCГPөPSP°PNөPјPSC-
 PјPsP¶P»PөPIPs P±CГP»Pө PиPsPiBГ™ CИP·P°PSC- P· PрC-C”CH PиP°P»PsPSPсCГPμC, CГPсPSCГ
 PиC-PрCГPсC...P»PsCГPөPрCГ, P±CГP»Pө PиPsP»PsPIPsPөPNө P±C-P»CH (9 %) C, P° P·P°PиPsCГ
 (5 %). PμPμCГPμP»C-C±PμPSC- PSPөP¶C±Pμ PиPsP±C-C±PSC- CГPμP°PеCГC-C—
 CГPиPсCГC, PμCГC-PиP°P»PөCГCИ CГ PиCГPsCГPμCГC- PөP»C-PSC-C±PSPөC...
 PрPsCГP»C-PрP¶PμPSCH C- P±CГP»Pө CГPсP·CГC-PSPμPSC- CИPө PјPsP¶P»PөPIPs P°P±Ps
 PNөPјPsPIC-CГPSPс PиPsPiBГ™ CИP·P°PSC- P·C- P·P°CГC, PsCГCГPIP°PSPSCИPј
 PиP°P»PsPSPсCГPμC, CГPсPSCГ PиC-PрCГPсC...P»PsCГPөPрCГ. P’PsPSPө P±CГP»Pө
 PөP»P°CГPөC,, C-PөPsPIP°PSC- P·P° C±P°CГC, PsC, PsCH C, P°PөPөPј C±PөPSPсPј: C±P°CГC, Ps
 (PIC-Pр ≥1/100 PрPs <1/10) P°P±Ps PSPμC±P°CГC, Ps (PIC-Pр ≥1/1000 PрPs <1/100). PЈ
 PиPμCГC-PsPр PиPsCГC, PјP°CГPөPμC, PөPSPиPsPIPsPiPs PSP°PiP»CИPрCГ P±CГP»Pө
 P·P°CГPμC”CГC, CГPсPIP°PSC- CГPμP°PеCГC-C—, CИPөC- P·CГCГC, CГC-C±P°P»PөCГCИ
 PрCГP¶Pμ CГC-PрPөPs (<1/10000). P’CГPμCГPμPрPөPSC- PөPsP¶PSPсC— C±P°CГC, PsC, PSPсC—
 PиCГCГPиPө PиPsP±C-C±PSC- CГPμP°PеCГC-C— CГPсP·C, P°CөPsPIP°PSC- PИ PиPsCГCИPрPөCГ
 P·PјPμPSC€PμPSPSCИ C—C...PSCHPsC— CГPμCГPNөPsP·PSPсCГC, C-.

PыP°P±P»PөCГCИ 1

PμP»P°CГPө CГPөCГC, PμPј PsCГPиP°PSC-PI	P§P°CГC, Ps	PкPμC±P°CГC, Ps	P”CГP¶Pμ CГC-PрPөPs
P— P±PsPөCз C-PјCзPSPсC— CГPөCГC, PμPјPө			P”C- PиPμCГC±CГC, P»PөPIC-CГC, CH, P°PSP°C,, C-P»PөPөCГC-CИ, P°PSP°C,, C-P»PөPөC, PөC±PSC-/P°PSP°C,, C-P»PөPөC, PsC—PрPSC- CГPμP°PөCГC-C— C, P° CөPsPө
P— P±PsPөCз PsP±PјC-PSCз CГPμC±PsPIPөPs, PјPμC, P°P±PsP»C-P·PјCз		P”C- PиPμCГPөP»P»C-C”PјC-CИ, PјPμC, P°P±PsP»C-C±PSC- CГPсP·P»PрPө, PиC- PиPsPөP»P»CHCГC-C”PјC-CИ, PиC- PиPsPөP»P»C-C”PјC-CИ, PIC-PрCГCГC, PSC-CГC, CH P°PиPμC, PөC, CГ, PиC- PиPμCГPиP»C-PөPμPјC-CИ, P·PјPμPSC€PμPSPSCИ P”PиPμC, PөC, CГ	
P— P±PsPөCз PиCГPөC...C-PөPө		PыCГPөPиPsP¶PSC-CГC, CH, PμPNөC, PsCГPөC±PSPөPNө PSP°CГC, CГC-PNө	
P— P±PsPөCз PSPμCГPиPsPIPsC— CГPөCГC, PμPјPө	P”PsP»PsPIPsPөPNө P±C-P»CH, P·P°PиP°PјPsCГPsC±PμPSPSCИ	PыPsPSP»PөPIC-CГC, CH, P±PμP·CГPsPSPSCИ, PиP°CГPμCГC, PμP·C-CИ, PиC- PиPμCГCГPsPјPSC-CИ, PиPμCГPөC,, PμCГPөC±PSP° CГPμPSCГPсCГPSP° PSPμPNөCГPсPиP°C, C-CИ	

<i>P— P±PsPeCž PsCĤPiP°PSC-PI P·PsCĤCž</i>		<i>PuPsPrCĤP°P·PSPμPSPSCĬ PsC±PμP№, P°PjP±P»C-PSpIC-ClĬ</i>	
<i>P— P±PsPeCž PsCĤPiP°PSC-PI CĬP»CžC...Cž C,P° PiPiCĬC,PēP±CžP»ClCĤPSPSPiPs P°PiP°CĤP°C,Cž</i>		<i>PjPeP°CžCfPiP°PSPSCĬ, PIC-PrCžCfC,C,ClĬ CēCfPjCf/PrP·PiPsPSCf Cf PICfC...P°C...</i>	
<i>P— P±PsPeCž CĬPμCĤCĬClĬ</i>		<i>PŷP°C...C-PeP°CĤPrC-ClĬ, P±CĤP°PrPēPeP°CĤPrC-ClĬ, PμPeCĬC,CĤP°CĬPēCĬC,PsP»C-CĬĬ, C-CēPμPjC-ClĬ PjC-PsPeP°CĤPrP°, CĬPēPSCfCĬPsPiP° C,P°C...C-PeP°CĤPrC-ClĬ, CĬPēPSCfCĬPsPiP° P°CĤPēC,PjC-ClĬ, CĬCfPiCĤP°PiPiPSC,CĤPēPeCfP»ClCĤPSP° PμPeCĬC,CĤP°CĬPēCĬC,PsP»C-CĬĬ</i>	
<i>P— P±PsPeCž CĬCžPrPēPS</i>		<i>PĤCĤC,PμCĤC-P°P»CĤPSP° PiC-PiPsC,PμPSP-C-ClĬ, P°CĤC,PμCĤC-P°P»CĤPSP° PiC-PiPμCĤC,PμPSP-C-ClĬ, P·PjC-PSP° PePsP»CĤPsCĤCf PiPiPS, CĤPsP·C,ClPiPSpμPSPSCĬ PiPiPS</i>	
<i>P— P±PsPeCž CĤPμCĬPiC-CĤP°C,PsCĤPSPsC— CĬPēCĬC,PμPjPē, PsCĤPiP°PSC-PI PiCĤCžPrPSPsC— PeP»C-C,PēPē C,P° CĬPμCĤPμPrPsCĬC,C-PSPSCĬ</i>		<i>P°PēPeP°PiPeP°</i>	
<i>P— P±PsPeCž CēP»CžPSPePsPiPs- PePēCēPePsPiPs C,CĤP°PeC,Cž</i>	<i>P—P°PiPsCĤ, PrC-P°CĤPμClĬ</i>	<i>P°PēCĬPiPiPiCĬC-ClĬ, P±C-P»CĤ Cf P¶PēPiPsC,C-, P±C-P»CĤ Cf PiPiCĤC...PSC-C... PIC-PrPrC-P»P°C... P¶PēPiPsC,P°, CĬCfC...C-CĬC,CĤ Cf CĤPsC,C-, PjPμC,PμPsCĤPēP·Pj</i>	
<i>P— P±PsPeCž PiPiCžC-PSPePē C- P¶PsPiCžPsPiPēPiC-PrPSPēC... CēP»ClĬC...C-PI</i>		<i>P°C-PiPiCĤP±C-P»C-CĤCfP±C-PSPμPjC-ClĬ</i>	
<i>P— P±PsPeCž CēPeC-CĤPē C,P° PiC-PrCēPeC-CĤPSPsC— PeP»C-C,PēPsPiPēPSPē</i>		<i>PĤP»PμCĤPiC-CžPSPēP№ PrPμCĤPjP°C,PēC,, PiPēCĬPēPiP°PSPSCĬ P·C- CĬPiPiCĤP±PμP¶PiPiPj</i>	
<i>P— P±PsPeCž PsPiPsCĤPSPs- CĤCžC...PsPiPsC— CĬPēCĬC,PμPjPē C,P° CĬP°PiPsP»CžCžPSPsC— C,PēP°PSPēPSPē</i>		<i>PĤCĤC,CĤP°P»PiC-ClĬ</i>	
<i>P— P±PsPeCž PSPēCĤPsPe C,P° CĬPμCžPsPiPēPrC-P»CĤPSPsC— CĬPēCĬC,PμPjPē</i>		<i>P—P°C,CĤPēPjPeP° CĬPμCžPsPiPēPiPiPrPμPSPSCĬ, PiP»CĤPePsP·CfCĤC-ClĬ</i>	
<i>P—P°PiP°P»CĤPSC- CĤPsP·P»P°PrPē C,P° CĤPμP°PeCĬC-C— Cž PjC-CĬCĬC- PiPiPμPrPμPSPSCĬ</i>		<i>P—P°PiP°P»CĤPSP° CĬP°P±PeC-CĬC,CĤ, PiC-CĤPμPeCĬC-ClĬ, PiC,PsPjP»CĤPiP°PSC-CĬC,CĤ, PiC-PrCžCfC,C,ClĬ P¶P°CĤCf, PiCĤPēPiPsPiPsPrC-P±PSPēP№ CĬC,P°PS</i>	<i>P PμP°PeCĬC-ClĬ Pi PjC-CĬCĬC- PiPiPμPrPμPSPSCĬ C-PS'C°PeCĬC-C—*</i>
<i>P·P°P±PsCĤP°C,PsCĤPSC- PiPsPeP°P·PSPēPePē</i>		<i>PμC-PrPiPēC°PμPSPSCĬ CĤC-PiPSCĬ C,CĤP°PSCĬP°PjC-PSP°P·, PiPsPrPsPiP¶PμPSPSCĬ C-PSC,PμCĤPiP°P»Cf QT PSP° P·PμP°</i>	

B° P°P°PSC- PsC,CĤPēPjP°PSC- PI PiPμCĤC-PsPr PiPsCĬC,PjP°CĤPePμC,PēPSPiPsPiPsPiPs
PSP°PiP»ClĬPrCĬ.

* Pj C,PsPjCf CžPēCĬP»C- PIC-PrCžCfC,C,ClĬ PiPμCžC-PSPSCĬ, CfC°C-C-P»CĤPSPμPSPSCĬ
CēPeC-CĤPē, PrPēCĬPePsPjC,,PsCĤC, C,P° P±C-P»CĤ.

PμPμPrC-P°C,CĤPēCžPSP° PiPsPiCžP»ClĬCĬC-ClĬ.

Pj CĤP°PjPeP°C... PeP»C-PSC-CžPSPēC... PrPsCĬP»C-PrP¶PμPSCĤ P·P° CfCžP°CĬC,CĤ
PiPμPrC-P°C,CĤPēCžPSPsC— PiPsPiCfP»ClĬCĬC-C— PrP»ClĬ PiPsPiPμCĤPμPrP¶PμPSPSCĬ
PSCfPrPsC,Pē C,P° P±P»CĤPiP°PSPSCĬ, CĬPiCĤPēCžPēPSPμPSPēC...
PiPsPjC-CĤPSPsPμPjPμC,PsPiPμPSPSPsCĤ C,P° PiPēCĬPsPePsPμPjPμC,PsPiPμPSPSPsCĤ
C...C-PjC-PsC,PμCĤP°PiC-C”CĤ, 402 PiP°CĬC-C”PSC,Pē PsC,CĤPēPjCfPiP°P»Pē
PsPrPSPsCĤP°P·PsPICf PrPsP·Cf PiP°P»PsPSPsCĬPμC,CĤPsPSCf (3, 10 P°P±Ps 20 PjPePi/PePi).
PμCĤPē P·P°CĬC,PsCĬCfPiP°PSPSC- PiP°P»PsPSPsCĬPμC,CĤPsPSCf P±CfP»Ps
PiPsPIC-PrPsPjP»PμPSPs PiCĤPs P·P°P·PSP°CžPμPSC- PI C,P°P±P»PēCĬC- 2 CžP°CĬC,C- C,P°
PSPμCžP°CĬC,C- PiPsP±C-CžPSC- CĤPμP°PeCĬC-C—, PiCĤPē CĬCĤPsPjCf CžP°CĬC,PsC,P°
P¶PsPrPSPsC— P· PiPsP±C-CžPSPēC... CĤPμP°PeCĬC-P№, PiCĤPs ClĬPeC- P±CfP»Ps
PiPsPIC-PrPsPjP»PμPSPs, PSPμ CĬC,P°PSPsPiPēP»P° P±C-P»CĤCēPμ 1 %.

PJPjPsPIPë P·P±PμCḡC-PiP°PSPSCḡ.

P''P»Cḡ P»C-PeP°CḡCḡPēPsPiPs P·P°CḡPsP±Cḡ PSPμ PIPëPjP°PiP°C''C,CḡCḡCḡ
CḡPiPμC†C-P°P»CḡPSPëC... CḡPjPsPI P·P±PμCḡC-PiP°PSPSCḡ. P—P±PμCḡC-PiP°C,Pë Cḡ
PSPμPrPsCḡC,CḡPiPSPsPjCḡ PrP»Cḡ PrC-C,PμPNë PjC-CḡC†C-.

PJPiP°PePsPIPeP°.

PμPs 5 PjP» CḡPsP·C†PëPSCḡ Cḡ C,,P»P°PePsPSC-; PiPs 1 C,,P»P°PePsPSCḡ PI
PeP°CḡC,PsPSPSC-PNë PePsCḡPsP±C†C-.

PḡP°C,PμPiPsCḡC-Cḡ PIC-PrPiCḡCḡPeCḡ. P—P° CḡPμC†PμPiC,PsPj.

P'PëCḡPsP±PSPëPe.

P PḡPḡPḡP Pḡ PŸPḡ

**PḡC-CḡC†PμP·PSP°C...PsPrPḡPμPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPμCḡP°
PjC-CḡC†Cḡ PiCḡPsPIP°PrPḡPμPSPSCḡ PNëPsPiPs PrC-CḡP»CḡPSPsCḡC,C-.**

PŸPμCḡC- PμCḡCḡC--PḡCḡP°C,CḡC- PḡPiC-Ps P>CḡPeP°, PμP°CḡPSC-P° PḡC,C,C-PeC-, PŸPḡ
19002, PŸPḡ 37, P''CḡPμC†C-Cḡ