

PiC7PsC,PePrC-P°P±PμC,PeC±PSPsC— PrC-C—.

1. P—PjPμPSC€CfC” PiC7PsPrCfPeCfPIP°PSPSCΠ PiP»C7PePsP·Pë Cr PiPμC±C-PSC†C-C€P»CΠC...PsPj PiP°P»CHPjCfPIP°PSPSCΠ PiP»C7PePsPSPμPsPiPμPSPμP·Cr C-PiP»C-PePsPiPμPSPsP»C-P·Cr.

2. PμC-PrPIPëC%CrC” C±CfC,P»PëPIC-CfC,CH PrPs C-PSCfCfP»C-PSCf Cr PjB7™ CΠP·P°C..., PiPsCfPëP»C7C7C±Pë P·P°C...PsPiP»PμPSPSCΠ C,P° CrC,PëP»C-P·P°C†C-C7 PiP»C7PePsP·Pë Cr PiPμC7PëC,,PμC7PëC±PSPëC... C,PëP°PSPëPSP°C....

3. P—PSPëP¶CfC” P°P±CfPsC7P±C†C-C7 PiP»C7PePsP·Pë Cr PePëC€PμC±PSPëPeCf.

PμPμC,C,,PsC7PjC-PSCf PiC-PrC7PsC...P»PsC7PëPr CfC,PëPjCfP»C7C” PIPSCfC,C7C-C€PSC7PsPeP»C-C,PëPSPSPëPNë CfPëPSC,PμP· PiP»C-PePsPiPμPSCf; P·P±C-P»CHC€CfC” C,C7P°PSCfPiPsC7C,PSCf P·PrP°C,PSC-CfC,CH CrCfC-C... PIPëPrC-PI C,C7P°PSCfPiPsC7C,PSPëC... CfPëCfC,PμPj, CΠPeC- PiPμC7PμPSPsCfCΠC,CH PiP»C7PePsP·Cr C±PμC7PμP· PeP»C-C,PëPSPSCf PjPμPjP±C7P°PSCf; PiPsP·PëC,PëPIPSs PIPiP»PëPIP°C” PSP° PjPμC,P°P±PsP»C-P·Pj P»C-PiC-PrC-PI. P”PsPIPμPrPμPSPs, C%Ps PjPμC,C,,PsC7PjC-PS Cr C,PμC7P°PiPμPIC,PëC±PSPëC... PrPsP·P°C... P·PSPëP¶CfC” PePsPSC†PμPSC,C7P°C†C-C7 P·P°PiP°P»CHPSPsPiPs C...PsP»PμCfC,PμC7PëPSCf, P»C-PiPsPiC7PsC,PμC—PSC-PI PSPëP·CHPePsC— C%C-P»CHPSPsCfC,C- C,P° C,C7PëPiP»C-C†PμC7PëPrC-PI.

PμPsPIC-PrPsPjP»CΠP»PsCfCΠ, C%Ps PiC-Pr C±P°Cf P·P°CfC,PsCfCfPIP°PSPSCΠ PjPμC,C,,PsC7PjC-PSCf PjP°CfP° C,C-P»P° PiP°C†C-C”PSC,C-PI P·P°P»PëC€P°P»P°CfCΠ CfC,P°P±C-P»CHPSPsC7 P°P±Ps PiPsPjC-C7PSPs P·PSPëP¶CfPIP°P»P°CfCΠ.

PαP°C7PjP°PePsPeC-PSPμC,PëPeP°.

P’CfPjPsPeC,CfPIP°PSPSCΠ. PμC-CfP»CΠ PiPμC7PsC7P°P»CHPSPsPiPs PiC7PëPNëPsPjCf PjPμC,C,,PsC7PjC-PSCf C±P°Cf PrPsCfCΠPiPSPμPSPSCΠ PjP°PeCfPëPjP°P»CHPSPsC— PePsPSC†PμPSC,C7P°C†C-C— (PŸ_{max}) CfC,P°PSPsPiPëC,CH P±P»PëP·CHPePs 2,5 PiPsPrPëPSPë. P7P±CfPsP»C7C,PSP° P±C-PsPrPsCfC,CfPiPSC-CfC,CH C,P°P±P»PμC,PsPe 500 PjPi CfC,P°PSPsPiPëC,CH PiC7PëP±P»PëP·PSPs 50-60%. PμC-CfP»CΠ PiPμC7PsC7P°P»CHPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCΠ C,,C7P°PeC†C-CΠ, C%Ps PSPμ PICfPjPsPeC,P°P»P°CfCΠ C,P° PIPëPIPsPrPëC,CHCfCΠ P· PeP°P»PsPj, CfC,P°PSPsPiPëC,CH 20-30%.

PμC-CfP»CΠ PiPμC7PsC7P°P»CHPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCΠ P°P±CfPsC7P±C†C-CΠ PjPμC,C,,PsC7PjC-PSCf C” PSP°CfPëC±CfPIP°PSPsC7 C- PSPμPiPsPIPSPsC7.

PμPμC7PμPrP±P°C±P°C”C,CHCfCΠ, C%Ps C,,P°C7PjP°PePsPeC-PSPμC,PëPeP° P°P±CfPsC7P±C†C-C— PjPμC,C,,PsC7PjC-PSCf C” PSPμP»C-PSC-PNëPSPsC7. PμC7Pë P·P°CfC,PsCfCfPIP°PSPSC- C7PμPePsPjPμPSPPrPsPIP°PSPëC... PrPsP· PjPμC,C,,PsC7PjC-PSCf C- C7PμP¶PëPjC-PI PrPsP·CfPIP°PSPSCΠ CfC,P°P±C-P»CHPSC- PePsPSC†PμPSC,C7P°C†C-C— Cr PiP»P°P·PjC- PeC7PsPIC- PrPsCfCΠPiP°C7C,CHCfCΠ PiC7PsC,CΠPiPsPj 24-48 PiPsPrPëPS C- CfC,P°PSPsPiP»CΠC,CH PjPμPSC€Pμ 1 PjPePi/PjP». PμPsPIC-PrPsPjP»CΠP»PsCfCΠ, C%Ps PjP°PeCfPëPjP°P»CHPSC- C7C-PIPS- PjPμC,C,,PsC7PjC-PSCf Cr PiP»P°P·PjC- PeC7PsPIC- (PŸ_{mp°C...}) PSPμ PiPμC7PμPiPëC%CrPIP°P»Pë 5 PjPePi/PjP» PSP°PIC-C,CH PiC7Pë P·P°CfC,PsCfCfPIP°PSPSC- PjP°PeCfPëPjP°P»CHPSPëC... PrPsP·.

PμC7Pë PsPrPSPsC±P°CfPSPsPjCf PiC7PëPNëPsPjC- C—P¶C- P°P±CfPsC7P±C†C-CΠ PjPμC,C,,PsC7PjC-PSCf P·PSPëP¶CfC”C,CHCfCΠ C- P·P»PμPiPeP° CrPiPsPIC-P»CHPSC7C”C,CHCfCΠ.

PiC-PrC₇PsC...P»PsC₇PëPrC₇, C,,P°C₇PjP°PePsPeC-PSP_μC,PëC₇PSPëPN₂ P₇C₇PsC,,C-P»CH₇ C₇
P₇P°C₇C-C"PS₇C,C-PI P₇P_μPrC-P°C,C₇PëC₇PSPsC— P₇PsP₇C₇P»C₇C₇C-C— P±C₇PI
P°PSP°P»PsPiC-C₇PSPëPj C,P°PePsPjC₇ C₇ P·PrPsC₇PsPIPëC... PrPsC₇PsC₇P»PëC.... P"°PSC-
C°₀PsPrPs P·P°C₇C,PsC₇C₇PIP°PSPSC₇ P±P°PiP°C,PsC₇P°P·PsPIPëC... PrPsP·
PsP±PjP_μP₇P_μPSC- PsPrPSPëPj PrPsC₇P»C-PrP₇P_μPSPSC₇Pj. P₇C-C₇P»C₇
P₇PsPIC,PsC₇PSPsPiPs PIP₇P_μPrP_μPSPSC₇ 500 PjPi PjP_μC,,PsC₇PjC-PSC₇ PrPIC-C₇C- PSP°
PrPsP±C₇ P₇C₇PsC,C₇PIPsPj 7 PrPSC-PI C₇ P₇P°C₇C-C"PS₇C,C-PI P₇P_μPrC-P°C,C₇PëC₇PSPsC—
P₇PsP₇C₇P»C₇C₇C-C— P₇C-PePsPIP° PePsPSC₇P_μPSC,C₇P°C₇C-C₇ C₇ P₇P»P°P·PjC- PeC₇PsPIC-
(C_{max}) C,P° C₇PëC₇C,P_μPjPSP° P_μPeC₇P₇PsP·PëC₇C-C₇ (AUC_{0-t}) P·PSPëP₇C₇PIP°P»PëC₇C₇
P₇C₇PëP±P»PëP·PSPs PSP° 33% C,P° 40% PIC-PrP₇PsPIC-PrPSPs P₇PsC₇C-PIPSC₇IPSPs P·
C,P°PePëPjPë C₇ PrPsC₇PsC₇P»PëC... P₇P°C₇C-C"PS₇C,C-PI, C...PIPsC₇PëC... PSP°
C₇C₇PrPeC₇PsPIPëPN₂ PrC-P°P±P_μC,, C₇PeC- PsC,C₇PëPjC₇PIP°P»Pë P₇PsPIC,PsC₇PsC- PrPsP·Pë
500 PjPi PrPIP° C₇P°P·Pë PSP° PrP_μPSCH₇ P₇C₇PsC,C₇PIPsPj 14 PrPSC-PI. P₇C₇PrC-P»CH₇PePë
PrPsP·P° C,PëC,C₇C₇C,C₇C₇C₇ C-PSPrPëPIC-PrC₇P°P»CH₇PSPs PSP° PsC₇PSPsPIC-
P₇P»C-PeP_μPjC-C₇PSPsPiPs PePsPSC,C₇PsP»C₇, PIPëC°₀P_μP·P°P·PSP°C₇P_μPSP°
C-PSC,,PsC₇PjP°C₇C-C₇ PjP°C" PsP±PjP_μP₇P_μPSP_μ PeP»C-PSC-C₇PSP_μ P·PSP°C₇P_μPSPSC₇.

РљР»С-РSC-С±РSC- С...Р°С₇Р°РeС,РμС₇РëС₇С,РëРeРë.

РμРsРeР°Р·Р°РSPSC₇.

P₇C₇PrPeC₇PsPIPëPN₂ PrC-P°P±P_μC, 2 C,PëP₇C₇ P₇C₇Pë PSP_μP_μC,,P_μPeC,PëPIPSPsC₇C,C-
PrC-C"С,PsC,P_μC₇P°PiC-C— C,P° C₇P_μP₇P₇PëPjC₇ C,,C-P·PëC₇PSPëC... PSP°PIP°PSC,P°P₇P_μPSCH₇,
PsC₇PsP±P»PëPIPs C₇ C...PIPsC₇PëC... P· PSP°PrP»PëC€PePsPIPsC₇ PjP°C₇PsC₇ C,C-P»P°:

– C₇Pe PjPsPSPsC,P_μC₇P°PiC-C₇ P°P±Ps C₇ C₇PrP»P°PrC- PePsPjP±C-PSPsPIP°PSPsC—
C,P_μC₇P°PiC-C— P· C-PSC€PëPjPë P₇P_μC₇PsC₇P°P»CH₇PSPëPjPë
PiC-P₇PsPiP»C-PeP_μPjC-C₇PSPëPjPë P·P°C₇PsP±P°PjPë C±Pë P· C-PSC₇C₇P»C-PSPsPj PrP»C₇
P»C-PeC₇PIP°PSPSC₇ PrPsC₇PsC₇P»PëC...;

– C₇Pe PjPsPSPsC,P_μC₇P°PiC-C₇ P°P±Ps C₇ C₇PrP»P°PrC- PePsPjP±C-PSPsPIP°PSPsC—
C,P_μC₇P°PiC-C— P· C-PSC₇C₇P»C-PSPsPj PrP»C₇ P»C-PeC₇PIP°PSPSC₇ PrC-C,P_μPN₂ PIC-PePsPj
PIC-Pr 10 C₇PsPeC-PI C,P° PiC-PrP»C-C,PeC-PI.

P"°P»C₇ P·PjP_μPSC€P_μPSPSC₇ C₇C₇PrP»P°PrPSP_μPSCH₇ C₇C₇PrPeC₇PsPIPsPiPs
PrC-P°P±P_μC,C₇ C₇ PrPsC₇PsC₇P»PëC... P₇P°C₇C-C"PS₇C,C-PI P· C₇C₇PrPeC₇PsPIPëPj
PrC-P°P±P_μC,PsPj 2 C,PëP₇C₇ C- PSP°PrP»PëC€PePsPIPsC₇ PjP°C₇PsC₇ C,C-P»P° C₇Pe
P₇C₇P_μP₇P₇P°C₇P°C, P₇P_μC₇C€PsC— P»C-PSC-C— P₇C-C₇P»C₇ PSP_μP_μC,,P_μPeC,PëPIPSPsC—
PrC-C"С,PsC,P_μC₇P°PiC-C—.

РμС₇РsС,РëРiРsРeР°Р·Р°РSPSC₇.

в₇“ P“C-P₇P_μC₇C±C₇C,P»PëPIC-C₇C,CH₇ PrPs PjP_μC,,PsC₇PjC-PSC₇ P°P±Ps PrPs
P±C₇PrCH₇-C₇PePsPiPs C-PSC€PsPiPs PePsPjP₇PsPSP_μPSC,P° P»C-PeP°C₇C₇CH₇PePsPiPs
P·P°C₇PsP±C₇;

в₇“ P±C₇PrCH₇-C₇PePëPN₂ C,PëP₇ PiPsC₇C,C₇PsPiPs PjP_μC,P°P±PsP»C-C₇PSPsPiPs
P°C₇PëPrPsP·C₇ (PSP°P₇C₇PëPeP»P°Pr P»P°PeC,PsP°C₇PëPrPsP·, PrC-P°P±P_μC,PëC₇PSPëPN₂

PePμC,PsP°C†PëPrPsP.);

вҖґ PrC-P°P±PμC,PëC†PSP° PïCҖPμPePsPjP°;

вҖґ PSPëCҖPePsPIP° PSPμPrPsCґC,P°C,PSC-CґC,CH C,CҖPҖPePsPiPs CґC,CґPïPμPSCҖ (CëPIPëPrPeC-CґC,CH PeP»CґP±PsC†PePsPIPsC— C,,C-P»CHC,CҖP°C†C-C— (PëPҖP»)
<30 PjP»/C...PI);

вҖґ PiPsCґC,CҖC- CґC,P°PSPë, CҖPeC- PïCҖPsC,C-PeP°CҖC,CH P· CҖPëP·PëPePsPj
CҖPsP·PIPëC,PeCґ PïPsCҖCґCëPμPSCҖ C,,CґPSPeC†C-C— PSPëCҖPsPe, C,P°PeC- CҖPe:
P·PSPμPIPsPrPSPμPSPSCҖ PsCҖPïP°PSC-P·PjCґ, C,CҖPҖPeC- C-PSC,,PμPeC†C-P№PSC-
P·P°C...PIPsCҖCҖPIP°PSPSCҖ, CëPsPe;

вҖґ P·P°C...PIPsCҖCҖPIP°PSPSCҖ, CҖPeC- PjPsPҖCґC,CH PïCҖPëP·PIPsPrPëC,Pë PrPs
CҖPsP·PIPëC,PeCґ PiC-PiPsPeCґC-C— C,PeP°PSPëPS (PsCґPsP±P»PëPIPs PiPsCґC,CҖC-
P·P°C...PIPsCҖCҖPIP°PSPSCҖ P°P±Ps P·P°PiPsCґC,CҖPμPSPSCҖ C...CҖPsPSC-C†PSPsC—
C...PIPsCҖPsP±Pë): PrPμPePsPjPïPμPSCґPsPIP°PSP° CґPμCҖC†PμPIP°
PSPμPrPsCґC,P°C,PSC-CґC,CH, PrPëC...P°P»CHPSP° PSPμPrPsCґC,P°C,PSC-CґC,CH,
PSPμC%PsPrP°PIPsPs PïPμCҖPμPSPμCґPμPSPëP№ C-PSC,,P°CҖPeC, PjC-PsPeP°CҖPrP°, CëPsPe;

вҖґ PïPμC†C-PSPePsPIP° PSPμPrPsCґC,P°C,PSC-CґC,CH, PiPsCґC,CҖPμ PsC,CҖCґC»PSPSCҖ
P°P»PePsPiPsP»PμPj, P°P»PePsPiPsP»C-P·Pj.

**P·P·P°C»PjPsPrC-CҖ P· C-PSCëPëPjPë P»C-PeP°CҖCґCHPePëPjPë P·P°CґPsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C»PjPsPrC-P№.**

PҖPsPjP±C-PSP°C†C-C—, C%Ps PSPμ CҖPμPePsPjPμPSPrCзC»C,CHCґCҖ
P·P°CґC,PsCґPsPICзPIP°C,Pë

PҖP»PePsPiPsP»CH. PҖP»PePsPiPsP»CHPSP° C-PSC,PsPeCґPëPeP°C†C-CҖ
P°CґPsC†C-CҖC»C,CHCґCҖ P· PïC-PrPIPëC%PμPSPëPj CҖPëP·PëPePsPj
P»P°PeC,PsP°C†PëPrPsP·Cґ, PsCґPsP±P»PëPIPs PïCҖPë PiPsP»PsPrCґPIP°PSPSC-,
PSPμPrPsC—PrP°PSPSC- P°P±Ps PïPμC†C-PSPePsPIC-P№ PSPμPrPsCґC,P°C,PSPsCґC,C-.

P™ PsPrPsPIPjC-CґPSC- CҖPμPSC,PiPμPSPsPePsPSC,CҖP°CґC,PSC- CҖPμC†PsPIPëPSPë.
PμP°C†C-C»PSC,P°Pj P·P°CґC,PsCґCґPIP°PSPSCҖ PjPμC,C,,PsCҖPjC-PSCґ CґP»C-Pr
PïCҖPëPïPëPSPëC,Pë PrPs P°P±Ps PïC-Pr C†P°Cґ PïCҖPsPIPμPrPμPSPSCҖ
PrPsCґP»C-PrPҖPμPSPSCҖ C,P° PSPμ PïPsPSPsPIP»CҖPIP°C,Pë CҖP°PSC-CëPμ PSC-PҖ
C†PμCҖPμP· 48 PiPsPrPëPS PïC-CґP»CҖ PrPsCґP»C-PrPҖPμPSPSCҖ C- P»PëCëPμ
PïC-CґP»CҖ PïPsPIC,PsCҖPSPsC— PsC†C-PSPePë C,P° PICґC,P°PSPsPIP»PμPSPSCҖ
CґC,P°P±C-P»CHPSPsPiPs CґC,P°PSCґ C,,CґPSPeC†C-C— PSPëCҖPsPe (PrPëPI.
CҖPsP·PrC-P»Pë B«PҖPïPsCґC-P± P·P°CґC,PsCґCґPIP°PSPSCҖ C,P° PrPsP·PëB» C-
B«PhCґPsP±P»PëPIPsCґC,C- P·P°CґC,PsCґCґPIP°PSPSCҖB»).

PҖPsPjP±C-PSP°C†C-C—, C%Ps CґP»C-Pr P·P°CґC,PsCґPsPICзPIP°C,Pë P·
PsP±PμCҖPμPҖPSC-CґC,CH

P»PμCҖPeC- P»C-PeP°CҖCґCHPeC- PïCҖPμPïP°CҖP°C,Pë, PSP°PïCҖPëPeP»P°Pr
PSPμCґC,PμCҖPsC—PrPSC- PïCҖPsC,PëP·P°PïP°P»CHPSC- P·P°CґPsP±Pë (PкPμP—P—),
PIPeP»CҖC†P°CҖC†Pë CґPμP»PμPeC,PëPIPsC- C-PSPiC-P±C-C,PsCҖPë

C†PëPeP»PsPsPeC†PëPiPµPSP°P·Pë II (P|PhP"), C-PSPiC-P±C-C,PsCḡPë
P°PSPiC-PsC,PµPSP·PëPSPiPµCḡPµC,PIPsCḡCḡPIP°P»CHbPSPsPiPs C,,PµCḡPjPµPSC,Cr (PḡPµPα),
P°PSC,P°PiPsPSC-C†C,Pë CḡPµC†PµPiC,PsCḡC-PI P°PSPiC-PsC,PµPSP·PëPSCr II C,P°
PrC-CrCḡPµC,PëPePë, PsC†PsP±P»PëPIPs PiPµC,P»CHbPsPIC- PrC-CrCḡPµC,PëPePë,
PjPsP¶C†C,CHb PSPµPiP°C,PëPIPsPs PiP°P»PëPSCrC,Pë PSP° C,,CrPSPeC†C-Cḡ PSPëCḡPsPe,
C%Ps PjPsP¶Pµ P·P±C-P»CHbCëPëC,Pë CḡPëP·PëPe PiPëPSPëPePSPµPSPSC¶
P»P°PeC,PsP°C†PëPrPsP·Cr. PkP° PiPsC†P°C,PeCr C,PµCḡP°PiC-C— PsPrPSPsC†P°C†PSPµ
PiPëPePsCḡPëC†C,P°PSPSC¶ C†PëC... P»C-PeP°CḡC†CHbPePëC... P·P°C†PsP±C-PI PI
PePsPjP±C-PSP°C†C-C— P· PjPµC,C,,PsCḡPjC-PSPsPj PiPsC,CḡPµP±CrC"
CḡPµC,PµP»CHbPSPsPiPs C†PiPsC†C,PµCḡPµP¶PµPSPSC¶ P·P° PSPëCḡPePsPiPsCḡ
C,,CrPSPeC†C-C"ḡ.

P>C-PeP°CḡC†CHbPeC- P·P°C†PsP±Pë, C%Ps C†PëPSC¶C,CHb PiC-PiPµCḡPiP»C-PePµPjC-C†PSCé
PrC-Cḡ (PiP»CḡPePsPePsCḡC,PëPePsC†C,PµCḡPSC—PrPë C†PëC†C,PµPjPSPsC— C,P°
PjC-C†C†PµPIPsC— PrC-C—, C†PëPjPiP°C,PsPjC-PjPµC,PëPePë). PkPµPsP±C...C-PrPSPs
C†P°C†C,C-CëPµ PePsPSC,CḡPsP»CḡPIP°C,Pë CḡC-PIPµPSCḡ PiP»CḡPePsP·Pë Cr
PeCḡPsPIC-, PsC†PsP±P»PëPIPs PSP° PiPsC†P°C,PeCr P»C-PeCrPiP°PSPSC¶. PµC-Pr
C†P°C† C- PiC-C†P»C¶ PiCḡPëPiPëPSPµPSPSC¶ C,P°PePsC— C†CrPjC-C†PSPsC—
C,PµCḡP°PiC-C— PiPsC,CḡC-P±PSPs PePsCḡPëPiCrPiP°C,Pë PrPsP·Cr
PjPµC,C,,PsCḡPjC-PSCr.

PḡCḡP°PSC†PiPsCḡC,PµCḡPë PsCḡPiP°PSC-C†PSPëC... PeP°C,C-PsPSC-PI (OCT)

PḡPµC,C,,PsCḡPjC-PS C" C†CrP±C†C,CḡP°C,PsPj PsP±PsC...
C,CḡP°PSC†PiPsCḡC,PµCḡC-PI Bḡ" OCT1 C- OCT2.

PŸCrPiCrC,PSC" P·P°C†C,PsC†CrPiP°PSPSC¶ PjPµC,C,,PsCḡPjC-PSCr P·:

Bḡ" C-PSPiC-P±C-C,PsCḡP°PjPë OCT1 (C,P°PePëPjPë C¶Pe PiPµCḡP°PiP°PjC-P») PjPsP¶Pµ
P·PjPµPSCëPëC,Pë PµC,,PµPeC,PëPIPsC-C†C,CHb PjPµC,C,,PsCḡPjC-PSCr;

Bḡ" B C-PSPrCrPeC,PsCḡP°PjPë OCT1 (C,P°PePëPjPë C¶Pe CḡPëC,,P°PjPiC-C†PëPS) PjPsP¶Pµ
P·P±C-P»CHbCëPëC,Pë CëP»CrPSPePsPiPs-PePëCëPePsPiPµ PIC†PjPsPeC,CrPiP°PSPSC¶ C,P°
PµC,,PµPeC,PëPIPsC-C†C,CHb PjPµC,C,,PsCḡPjC-PSCr;

Bḡ" B C-PSPiC-P±C-C,PsCḡP°PjPë OCT2 (C,P°PePëPjPë C¶Pe C†PëPjPµC,PëPrPëPS,
PrPsP»CrC,PµPiCḡP°PIC-Cḡ, CḡP°PSPsP»P°P·PëPS, C,CḡPëPjPµC,PsPiCḡPëPj,
PiP°PSPrPµC,P°PSC-P±, C-P·P°PICrPePsPSP°P·PsP») PjPsP¶Pµ P·PSPëP·PëC,Pë PSPëCḡPePsPiPµ
PiPëPiPµPrPµPSPSC¶ PjPµC,C,,PsCḡPjC-PSCr P· PiPsPrP°P»CHbCëPëPj
P·P±C-P»CHbCëPµPSPSC¶Pj PePsPSC†PµPSC,CḡP°C†C-C— PjPµC,C,,PsCḡPjC-PSCr PI
PiP»P°P·PjC- PeCḡPsPIC-;

Bḡ" B C-PSPiC-P±C-C,PsCḡP°PjPë OCT1 C- OCT2 (C,P°PePëPjPë C¶Pe PeCḡPëP·PsC,PëPSC-P±,
PsP»P°PiP°CḡPëP±) PjPsP¶Pµ PiP°P»PëPSCrC,Pë PSP° PµC,,PµPeC,PëPIPsC-C†C,CHb C,P°
PSPëCḡPePsPiPµ PiPëPiPµPrPµPSPSC¶ PjPµC,C,,PsCḡPjC-PSCr.

PŸPsPjCr CḡPµPePsPjPµPSPrCrC"C,CHbC†C¶ PiPëC¶PiP»C¶C,Pë PsC†PsP±P»PëPICr
PsP±PµCḡPµP¶PSC-C†C,CHb PiCḡPë C†CrPiCrC,PSCHbPsPjCr P·P°C†C,PsC†CrPiP°PSPSC-
C†PëC... PiCḡPµPiP°CḡP°C,C-PI P· PjPµC,C,,PsCḡPjC-PSPsPj, PsC†PsP±P»PëPIPs C%PsPrPs
PiP°C†C-C"PSC,C-PI C-P· PiPsCḡCrCëPµPSPSC¶Pj C,,CrPSPeC†C-C— PSPëCḡPsPe,
PsC†PeC-P»CHbPePë PePsPSC†PµPSC,CḡP°C†C-C¶ PjPµC,C,,PsCḡPjC-PSCr PI PiP»P°P·PjC-

PeCḡPsPIC- PjPsPḡPμ P·CḡPsCḡC, Pë. P—P° PSPμPsP±C...C-PrPSPsCḡC, C- CḡP»C-Pr
P·PIP°PḡPëC, Pë PjPsPḡP»PëPIC-CḡC, Cḡ PePsCḡPëPiCḡPIP°PSPSCḡ PrPsP·Pë
PjPμC, C,, PsCḡPjC-PSCḡ, PsCḡPeC-P»CḡPePë C-PSPiC-P±C-C, PsCḡPë/C-PSPrCḡPeC, PsCḡPë OCT
PjPsPḡCḡC, Cḡ PIPiP»PëPSCḡC, Pë PSP° PμC,, PμPeC, PëPIPSC-CḡC, Cḡ PjPμC, C,, PsCḡPjC-PSCḡ.

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

P»P°PeC, PsP°CḡPëPrPsP· C” PrCḡPḡPμ CḡC-PrPeC-CḡPSPëPj, P°P»Pμ C, CḡPḡPePëPj
PjPμC, P°P±PsP»C-CPSPëPj CḡCḡPeP»P°PrPSPμPSPSCḡPj, C%Ps PSP°PNḡCḡP°CḡC, C-CḡPμ
PIPëPSPëPeP°C” PiCḡPë PiPsCḡC, CḡPsPjCḡ PiPsPiC-CḡCḡPμPSPSC- C,, CḡPSPeCḡC-C—
PSPëCḡPsPe, CḡPμCḡCḡPμPIPs-P»PμPiPμPSPμPIPsPjCḡ P·P°C...PIPsCḡCḡPIP°PSPSC- P°P±Ps
CḡPμPiCḡPëCḡC-. PμCḡPë PiPsCḡC, CḡPsPjCḡ PiPsPiC-CḡCḡPμPSPSC- C,, CḡPSPeCḡC-C—
PSPëCḡPsPe PIC-PrP±CḡPIP°C”C, CḡCḡCḡ PeCḡPjCḡP»CḡCḡC-Cḡ PjPμC, C,, PsCḡPjC-PSCḡ, C%Ps
P·P±C-P»CḡCḡCḡ CḡPëP·PëPe CḡPsP·PIPëC, PeCḡ P»P°PeC, PsP°CḡPëPrPsP·Cḡ.

Pj CḡP°P·C- P·PSPμPIPsPrPSPμPSPSCḡ (CḡPëP»CḡPSPsC— PrC-P°CḡPμC— P°P±Ps
P±P»CḡPIP°PSPSCḡ, PiP°CḡCḡCḡPePë P°P±Ps P·PjPμPSCḡPμPSPSCḡ
PIPḡPëPIP°PSPSCḡ CḡC-PrPëPSPë) CḡPμPePsPjPμPSPPrCḡC”C, CḡCḡCḡ
C, PëPjCḡP°CḡPsPIPs PiCḡPëPiPëPSPëC, Pë P·P°CḡC, PsCḡCḡPIP°PSPSCḡ
PjPμC, C,, PsCḡPjC-PSCḡ C- P·PIPμCḡPSCḡC, PëCḡCḡ P·P° PjPμPrPëCḡPSPsCḡ
PrPsPiPsPjPsPiPsCḡ.

PμP°CḡC-C”PSC, P°Pj, CḡPeC- PsC, CḡPëPjCḡCḡC, Cḡ PjPμC, C,, PsCḡPjC-PS, CḡP»C-Pr P·
PsP±PμCḡPμPḡPSC-CḡC, Cḡ CḡPsP·PiPsCḡPëPSP°C, Pë P»C-PeCḡPIP°PSPSCḡ
P·P°CḡPsP±P°PjPë, C%Ps PjPsPḡCḡC, Cḡ PiPsCḡC, CḡPs PiPsPiC-CḡCḡPëC, Pë
C,, CḡPSPeCḡC-Cḡ PSPëCḡPsPe (PSP°PiCḡPëPeP»P°Pr PiC-PiPsC, PμPSP·PëPIPSPëPjPë
PiCḡPμPiP°CḡP°C, P°PjPë, CḡPμCḡPsPiC-PSPSPëPjPë P·P°CḡPsP±P°PjPë C, P° PḡPμP—P—).
PḡPSCḡC- C,, P°PeC, PsCḡPë CḡPëP·PëPeCḡ PIPëPSPëPePSPμPSPSCḡ
P»P°PeC, PsP°CḡPëPrPsP·Cḡ PIPeP»CḡCḡP°CḡC, Cḡ PSP°PrPjC-CḡPSPμ
PIPḡPëPIP°PSPSCḡ P°P»PePsPiPsP»Cḡ, PiPμCḡC-PSPePsPICḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ, PSPμPrPsCḡC, P°C, PSCḡPs
PePsPSC, CḡPsP»CḡPsPIP°PSPëPNḡ CḡCḡPeCḡPsPIPëPNḡ PrC-P°P±PμC,, PePμC, PsP·,
C, CḡPëPIP°P»Pμ PiPsP»PsPrCḡPIP°PSPSCḡ C- P±CḡPrCḡ-CḡPeC- CḡC, P°PSPë,
PiPsPiBḡ™ CḡP·P°PSC- P· PiC-PiPsPeCḡC-C”Cḡ, P° C, P°PePsPḡ CḡCḡPiCḡC, PSC”
P·P°CḡC, PsCḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡCḡPePëC... P·P°CḡPsP±C-PI, C%Ps
PjPsPḡCḡC, Cḡ PiCḡPëP·PIPμCḡC, Pë PrPs P»P°PeC, PsP°CḡPëPrPsP·Cḡ (PrPëPI.
CḡPsP·PrC-P»Pë B«PμCḡPsC, PëPiPsPeP°P·P°PSPSCḡB» C- B«P’P·P°C”PjPsPrC-Cḡ P·
C-PSCḡPëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë C, P° C-PSCḡC- PIPëPrPë
PIP·P°C”PjPsPrC-PNḡB»).

PμP°CḡC-C”PSC, Pë C, P°/P°P±Ps PsCḡPsP±Pë, C%Ps P·PrC-PNḡCḡPSCḡCḡC, Cḡ P·P° PSPëPjPë
PrPsPiP»CḡPr, PjP°CḡC, Cḡ P±CḡC, Pë PiCḡPsC-PSC,, PsCḡPjPsPIP°PSC- PiCḡPs CḡPëP·PëPe
CḡPsP·PIPëC, PeCḡ P»P°PeC, PsP°CḡPëPrPsP·Cḡ. PḡP°CḡP°PeC, PμCḡPSPëPjPë PsP·PSP°PeP°PjPë
P»P°PeC, PsP°CḡPëPrPsP·Cḡ C” P°CḡPëPrPsC, PëCḡPSP° P·P°PrPëCḡPeP°, P±C-P»Cḡ Cḡ
PḡPëPIPsC, C-, PjBḡ™ CḡP·PsPIC- CḡCḡPrPsPjPë, P°CḡC, PμPSC-Cḡ C, P° PiC-PiPsC, PμCḡPjC-Cḡ,
Cḡ PiPsPrP°P»CḡCḡPsPjCḡ PjPsPḡP»PëPIPëPNḡ CḡPsP·PIPëC, PsPe PePsPjPë. Pj CḡP°P·C-
PiPsCḡPIPë P±CḡPrCḡ-CḡPePsPiPs CḡPëPjPiC, PsPjCḡ P»P°PeC, PsP°CḡPëPrPsP·Cḡ
PiP°CḡC-C”PSC, PiPsPIPëPSPμPS PiCḡPëPiPëPSPëC, Pë P·P°CḡC, PsCḡCḡPIP°PSPSCḡ

PjPμC,C,,PsCḡPjC-PSCr C- PSPμPiP°PN°PSPs P·PIPμCḡPSCrC,PëCfCḡ PrPs P»C-PeP°CḡCḡ.
P>P°PeC,PsP°C†PëPrPsP· C...P°CḡP°PeC,PμCḡPëP·CrC"C,ChCfCḡ
PrC-P°PiPSPsCfC,PëC†PSPëPjPë P»P°P±PsCḡP°C,PsCḡPSPëPjPë PïPsPeP°P·PSPëPeP°PjPë:
P·PSPëP¶PμPSPSCḡ CḡC-PIPSCḡ CḡPḡ PeCḡPsPIC- (<7,35), P·P±C-P»ChCëPμPSPSCḡ
CḡC-PIPSCḡ CḡPëCḡPsPIP°C,PePsPIPsC— PePsPSC†PμPSC,CḡP°C†C-C— P»P°PeC,P°C,Cr
(>5 PjPjPsP»Ch/P»), P·P±C-P»ChCëPμPSPSCḡ P°PSC-PsPSPSPsPiPs C-PSC,PμCḡPIP°P»Cr C,P°
CḡPïC-PIPIC-PrPSPsCëPμPSPSCḡ P»P°PeC,P°C,/PïC-CḡCrPIP°C,.

PαCžPSPeC†C-Cḡ PSPëCḡPsPe. PμPμCḡPμPr PïPsC†P°C,PePsPj C- CḡPμPiC†P»CḡCḡPSPs PïC-Pr
C†P°Cḡ P»C-PeC†PIP°PSPSCḡ PjPμC,C,,PsCḡPjC-PSPsPj PSPμPsP±C...C-PrPSPs
PsC†C-PSCḡPIP°C,Pë PëPḡPα (PrPëPI. CḡPsP·PrC-P» B«PŸPïPsCfC-P±
P·P°CfC,PsCfC†PIP°PSPSCḡ C,P° PrPsP·PëB»). PμCḡPëPN°PsPj PjPμC,C,,PsCḡPjC-PSCr
PïCḡPsC,PëPïPsPeP°P·P°PSPëPN° PïP°C†C-C"PSC,P°Pj P·C- PëPḡPα <30 PjP»/C...PI, C- PN°PsPiPs
PïPsC,CḡC-P±PSPs C,PëPjC†P°CḡPsPIPs PïCḡPëPïPëPSPëC,Pë Cr CḡP°P·C- PSP°CḡPIPSPsCfC,C-
CfC,P°PSC-PI, CḡPeC- P·PjC-PSCḡChC,Ch C,,CrPSPeC†C-Cḡ PSPëCḡPsPe (PrPëPI.
CḡPsP·PrC-P» B«PμCḡPsC,PëPïPsPeP°P·P°PSPSCḡB»).

PŸPμCḡC†PμPIP° C,,CžPSPeC†C-Cḡ. PμP°C†C-C"PSC,Pë C-P· CḡPμCḡC†PμPIPsCḡ
PSPμPrPsCfC,P°C,PSC-CfC,Cḡ PjP°CḡC,Ch P±C-P»ChCë PIPëCḡPsPePëPN° CḡPëP·PëPe
CḡPsP·PIPëC,PeCr PïC-PïPsPeCfC-C— C,P° PSPëCḡPePsPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-.
PμP°C†C-C"PSC,P°Pj P·C- CfC,P°P±C-P»ChPSPsCḡ C...CḡPsPSC-C†PSPsCḡ
CḡPμCḡC†PμPIPsCḡ PSPμPrPsCfC,P°C,PSC-CfC,Cḡ PjPμC,C,,PsCḡPjC-PS PjPsP¶PSP°
P·P°CfC,PsCḡPsPIC†PIP°C,Pë PïCḡPë CḡPμPiC†P»CḡCḡPSPsPjCr PjPsPSC-C,PsCḡPëPSPiCr
CḡPμCḡC†PμPIPsC— C,P° PSPëCḡPePsPIPsC— C,,CrPSPeC†C-C—. PḡPμC,C,,PsCḡPjC-PS
PïCḡPsC,PëPïPsPeP°P·P°PSPëPN° PïP°C†C-C"PSC,P°Pj C-P· PïPsCfC,CḡPsCḡ C,P°
PSPμCfC,P°P±C-P»ChPSPsCḡ CḡPμCḡC†PμPIPsCḡ PSPμPrPsCfC,P°C,PSC-CfC,Cḡ.

P™ PsPrPsPIPjC-CḡPSC- CḡPμPSC,PiPμPSPsPePsPSC,CḡP°CfC,PSC- P·P°CḡPsP±Pë.
P'PSCrC,CḡC-CëPSCḡPsCfC†PrPëPSPSPμ PIPiPμPrPμPSPSCḡ
CḡPμPSC,PiPμPSPsPePsPSC,CḡP°CfC,PSPëC... PN°PsPrPsPIPjC-CḡPSPëC...
P·P°CḡPsP±C-PI PjPsP¶Pμ CḡPïCḡPëC†PëPSPëC,Pë C-PSPrCrPePsPIP°PSCr
PePsPSC,CḡP°CfC,PsPj PSPμC,,CḡPsPïP°C,C-Cḡ C,P° PïCḡPëP·PIPμCfC,Pë PrPs
PeCrPjCrP»CḡC†C-C— PjPμC,C,,PsCḡPjC-PSCr C-, CḡPe PSP°CḡP»C-PrPsPe, PrPs
PïC-PrPIPëC%oPμPSPSCḡ CḡPëP·PëPeCr CḡPsP·PIPëC,PeCr P»P°PeC,PsP°C†PëPrPsP·Cr.
PμCḡPëPN°PsPj PjPμC,C,,PsCḡPjC-PSCr PSPμPsP±C...C-PrPSPs PïCḡPëPïPëPSPëC,Pë PrPs
P°P±Ps PïC-Pr C†P°Cḡ PïCḡPsPIPμPrPμPSPSCḡ PrPsCḡP»C-PrP¶PμPSPSCḡ C,P° PSPμ
PïPsPSPsPIP»CḡPIP°C,Pë CḡP°PSC-CëPμ PSC-P¶ C†PμCḡPμP· 48 PïPsPrPëPS
PïC-CḡP»Cḡ PïCḡPsPIPμPrPμPSPSCḡ PrPsCḡP»C-PrP¶PμPSPSCḡ C- P»PëCëPμ
PïC-CḡP»Cḡ PïPsPIC,PsCḡPSPsC— PsC†C-PSPePë C,P° PICfC,P°PSPsPIP»PμPSPSCḡ
CfC,P°P±C-P»ChPSPsPiPs CfC,P°PSCr C,,CrPSPeC†C-C— PSPëCḡPsPe (PrPëPI.
CḡPsP·PrC-P»Pë B«PŸPïPsCfC-P± P·P°CfC,PsCfC†PIP°PSPSCḡ C,P° PrPsP·PëB» C-
B«P'P·P°C"PjPsPrC-Cḡ P· C-PSCëPëPjPë P»C-PeP°CḡCḡChPePëPjPë P·P°CḡPsP±P°PjPë
C,P° C-PSCëC- PIPëPrPë PIP·P°C"PjPsPrC-PN°B»).

PfC-CḡCžCḡPiC-C†PSC- PIC,CḡCžC†P°PSPSCḡ. PḡPμPsP±C...C-PrPSPs PïCḡPëPïPëPSPëC,Pë
P·P°CfC,PsCfC†PIP°PSPSCḡ PjPμC,C,,PsCḡPjC-PSCr PSP° C†P°Cḡ PïCḡPsPIPμPrPμPSPSCḡ
PïP»P°PSPsPIPëC... C...C-CḡCrCḡPiC-C†PSPëC... PIC,CḡCrC†P°PSCḡ PïC-Pr
P·P°PiP°P»ChPSPsCḡ, CḡPïC-PSP°P»ChPSPsCḡ P°P±Ps PμPïC-PrCrCḡP°P»ChPSPsCḡ
P°PSPμCfC,PμP·C-C"Cḡ. PŸPμCḡP°PïC-Cḡ PjPμC,C,,PsCḡPjC-PSPsPj PSPμ CḡP»C-Pr
PïPsPSPsPIP»CḡPIP°C,Pë CḡP°PSC-CëPμ PSC-P¶ C†PμCḡPμP· 48 PïPsPrPëPS PïC-CḡP»Cḡ

ΠΐCΉPsPIPμPrPμPSPSCΐ PsΠPμCΉP°C†C-C— P°P±Ps PIC-PrPSPsPIP»PμPSPSCΐ
ΠPμCΉPsCΉP°P»CHΉPSPsPiPs C...P°CΉC†C†PIP°PSPSCΐ C- P»PëC€Pμ ΠC-C†P»Cΐ
ΠPsPIC,PsCΉPSPsC— PsC†C-PSPePë C,P° PIC†C,P°PSPsPIP»PμPSPSCΐ
C†C,P°P±C-P»CHΉPSPsPiPs C†C,P°PSC† C,,C†PSPeC†C-C— PSPëCΉPsPe.

P''C-C,Pë. P''Ps ΠPsC†P°C,PeC† P»C-PeC†PIP°PSPSCΐ PjPμC,C,,PsCΉPjC-PSPsPj PjP°C'' P±C†C,Pë
ΠC-PrC,PIPμCΉPrP¶PμPSPëPNë PrC-P°PiPSPsP· C†C†PeCΉPsPIPsPiPs PrC-P°P±PμC,C†
2 C,PëΠC†. P—P° CΉPμP·C†P»CHΉC,P°C,P°PjPë PsPrPSPsCΉC-C†PSPëC...
PePsPSC,CΉPsP»CHΉPsPIP°PSPëC... PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSCHΉ PSPμ
PIPëCΐPIP»PμPSPs ΠPΠP»PëPIC† PjPμC,C,,PsCΉPjC-PSC† PSP° CΉC-C†C, C- C†C,P°C,PμPIPμ
PrPsP·CΉC-PIP°PSPSCΐ C† PrC-C,PμPNë. PhPrPSP°Pe PSPμPjP°C'' PrP°PSPëC... C%oPsPrPs
PrC-C— PjPμC,C,,PsCΉPjC-PSC† PSP° CΉC-C†C, C- C†C,P°C,PμPIPμ PrPsP·CΉC-PIP°PSPSCΐ
ΠCΉPë P±C-P»CHΉC€ C,CΉPëPIP°P»PsPjC† P·P°C†C,PsC†C†PIP°PSPSC- PjPμC,C,,PsCΉPjC-PSC†,
C,PsPjC† CΉPμPePsPjPμPSPPrPsPIP°PSPμ C†PIP°P¶PSPμ C†ΠPsC†C,PμCΉPμP¶PμPSPSCΐ P·P°
C†PëPjPë ΠP°CΉP°PjPμC,CΉP°PjPë C† PrC-C,PμPNë, CΐPeC- P»C-PeC†CΉC,CHΉC†Cΐ
PjPμC,C,,PsCΉPjC-PSPsPj, PsC†PsP±P»PëPIPs C† ΠPμCΉC-PsPr C†C,P°C,PμPIPsPiPs
PrPsP·CΉC-PIP°PSPSCΐ.

P''C-C,Pë PIC-PePsPj PIC-Pr 10 PrPs 12 CΉPsPeC-PI. P—P° CΉPμP·C†P»CHΉC,P°C,P°PjPë
PePsPSC,CΉPsP»CHΉPsPIP°PSPëC... PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSCHΉ P·P°
C†C†P°C†C,C† 15 PrC-C,PμPNë PIC-PePsPj PIC-Pr 10 PrPs 12 CΉPsPeC-PI
PμC,,PμPeC,PëPIPSC-C†C,CHΉ C- P±PμP·ΠPμPeP° P·P°C†C,PsC†C†PIP°PSPSCΐ
PjPμC,C,,PsCΉPjC-PSC† PrP»Cΐ C†C-C''C— ΠCΉC†ΠPë ΠP°C†C-C''PSC,C-PI PSPμ
PIC-PrCΉC-P·PSCΐP»PëC†Cΐ PIC-Pr C,P°PePsC— PrP»Cΐ PrC-C,PμPNë C†C,P°CΉC€PsPiPs
PIC-PeC† C,P° ΠC-PrP»C-C,PeC-PI. PμCΉPμΠP°CΉP°C, C†P»C-Pr ΠCΉPëP·PSP°C†P°C,Pë P·
PsC†PsP±P»PëPIPsC† PsP±PμCΉPμP¶PSC-C†C,C† PrC-C,CΐPj PIC-PePsPj PIC-Pr 10 PrPs 12
CΉPsPeC-PI.

P†PSC€C- P·P°C†C,PμCΉPμP¶PμPSPSCΐ. PμP°C†C-C''PSC,P°Pj PSPμPsP±C...C-PrPSPs
PrPsC,CΉPëPjC†PIP°C,PëC†Cΐ PrC-C''C,Pë, CΉC-PIPSPsPjC-CΉPSPsPiPs ΠCΉPëPNëPsPjC†
PIC†ΠP»PμPIPsPrC-PI ΠCΉPsC,CΐΠPsPj PrPsP±Pë. PμP°C†C-C''PSC,P°Pj C-P·
PSP°PrPjC-CΉPSPsC† PjP°C†PsC† C,C-P»P° C†P»C-Pr ΠCΉPsPrPsPIP¶C†PIP°C,Pë
PrPsC,CΉPëPjC†PIP°C,PëC†Cΐ PSPëP·CHΉPePsPeP°P»PsCΉC-PNëPSPsC— PrC-C''C,Pë.
PκPμPsP±C...C-PrPSPs CΉPμΠC†P»CΐCΉPSPs PePsPSC,CΉPsP»C†PIP°C,Pë ΠPsPeP°P·PSPëPePë
PIC†ΠP»PμPIPsPrPSPsPiPs PsP±PjC-PSC† ΠP°C†C-C''PSC,C-PI.

PϋPμC,C,,PsCΉPjC-PS PjPsP¶Pμ P·PSPëP¶C†PIP°C,Pë CΉC-PIPμPSCHΉ PIC-C,P°PjC-PSC† B₁₂ C†
C†PëCΉPsPIP°C,C†C- PeCΉPsPIC-. P PëP·PëPe P·PSPëP¶PμPSPSCΐ CΉC-PIPSCΐ
PIC-C,P°PjC-PSC† B₁₂ P·CΉPsC†C,P°C'' P·C- P·P±C-P»CHΉC€PμPSPSCΐPj PrPsP·Pë
PjPμC,C,,PsCΉPjC-PSC†, C,CΉPëPIP°P»PsC†C,C- P»C-PeC†PIP°PSPSCΐ C,P°/P°P±Ps C†
ΠP°C†C-C''PSC,C-PI C-P· C,,P°PeC,PsCΉP°PjPë CΉPëP·PëPeC†, CΐPeC-
C†ΠCΉPëC†PëPSCΐC†C,CHΉ PrPμC,,C-C†PëC, PIC-C,P°PjC-PSC† B₁₂. Pj CΉP°P·C-
ΠC-PrPsP·CΉPë PSP° PrPμC,,C-C†PëC, PIC-C,P°PjC-PSC† B₁₂ (PSP°ΠCΉPëPeP»P°Pr,
P°PSPμPjC-Cΐ P°P±Ps PSPμPNëCΉPsΠP°C,C-Cΐ) PSPμPsP±C...C-PrPSPs ΠCΉPsPIPsPrPëC,Pë
PjPsPSC-C,PsCΉPëPSPi CΉC-PIPSCΐ PIC-C,P°PjC-PSC† B₁₂ C† C†PëCΉPsPIP°C,C†C- PeCΉPsPIC-.
Pj ΠP°C†C-C''PSC,C-PI C-P· C,,P°PeC,PsCΉP°PjPë CΉPëP·PëPeC† PrPμC,,C-C†PëC,C†
PIC-C,P°PjC-PSC† P' ₁₂ PjPsP¶Pμ P±C†C,Pë PSPμPsP±C...C-PrPSPëPj ΠPμCΉC-PsPrPëC†PSPëPNë
PjPsPSC-C,PsCΉPëPSPi CΉC-PIPSCΐ PIC-C,P°PjC-PSC† P' ₁₂. PÿPμCΉP°ΠC-C†
PjPμC,C,,PsCΉPjC-PSPsPj C†P»C-Pr ΠCΉPsPrPsPIP¶C†PIP°C,Pë PrPs C,PëC... ΠC-CΉ, ΠPsPePë
PIPsPSP° ΠPμCΉPμPSPsC†PëC,CHΉC†Cΐ C- PSPμ PjP°C'' ΠCΉPsC,PëΠPsPeP°P·P°PSCΉ, P°
C,P°PePsP¶ ΠCΉPsPIPsPrPëC,Pë PIC-PrΠPsPIC-PrPSPμ P»C-PeC†PIP°PSPSCΐ PrP»Cΐ

PePsCḥPëPiCfPIP°PSPSCḷ PrPμC,,C-C†PëC,Cf PIC-C,P°PjC-PSCf P'12 PIC-PrPiPsPIC-PrPSPs PrPs
PrC-CḥC†PëC... PeP»C-PSC-C†PSPëC... CḥPμPePsPjPμPSPPrP°C†C-PNë.

PḥPsPSPsC,PμCḥP°PiC-Cḷ PjPμC,C,,PsCḥPjC-PSPsPj PSPμ C†PiCḥPëC†PëPSCḷC”
PiC-PiPsPiP»C-PePμPjC-C—, PsPrPSP°Pe C†P»C-Pr P±CfC,Pë PsP±PμCḥPμPḥPSPëPj PiCḥPë
PsPrPSPsC†P°C†PSPsPjCf P·P°C†C,Psc†CfPIP°PSPSC- PjPμC,C,,PsCḥPjC-PSCf P·
C-PSC†CfP»C-PSPsPj P°P±Ps C-PSCëPëPjPë PiPμCḥPsCḥP°P»CHPSPëPjPë
PiC-PiPsPiP»C-PePμPjC-C†PSPëPjPë P·P°C†PsP±P°PjPë (PSP°PiCḥPëPeP»P°Pr,
PiPsC...C-PrPSPëPjPë C†CfP»CHC,,PsPSC-P»C†PμC†PsPiPëPSPë P°P±Ps
PjPμPiP»C-C,PëPSC-PrP°PjPë).

P—P°C†C,Psc†CfPIP°PSPSCḷ Cf PiPμCḥC-PsPr PIP°PiC-C,PSPsC†C,C- P°P±Ps
PiPsPrCfPIP°PSPSCḷ PiCḥCfPrPrCḥ.

P'P°PiC-C,PSC-C†C,CH. PkPμPePsPSC,CḥPsP»CHPsPIP°PSPëPNë C†CfPeCḥPsPIPëPNë
PrC-P°P±PμC, Cf PiPμCḥC-PsPr PIP°PiC-C,PSPsC†C,C- (PiPμC†C,P°C†C-PNëPSPëPNë
P°P±Ps PiPsC†C,C-PNëPSPëPNë) P·P±C-P»CHCëCfC” CḥPëP·PëPe CḥPsP·PIPëC,PeCf
PICḥPsPrPḥPμPSPëC... P°PSPsPjP°P»C-PNë C- PiPμCḥPëPSP°C,P°P»CHPSPsC—
P»PμC,P°P»CHPSPsC†C,C-. PkP°CḷPIPSC- PsP±PjPμPḥPμPSC- PrP°PSC- PiCḥPs
P·P°C†C,Psc†CfPIP°PSPSCḷ PjPμC,C,,PsCḥPjC-PSCf PIP°PiC-C,PSPëPj PḥC-PSPeP°Pj,
C%Ps PSPμ PIPeP°P·CfCḥC,CH PSP° PiC-PrPIPëC%PμPSPëPNë CḥPëP·PëPe
PICḥPsPrPḥPμPSPëC... P°PSPsPjP°P»C-PNë. P”PsPeP»C-PSC-C†PSC-
PrPsC†P»C-PrPḥPμPSPSCḷ PSPμ PIPëCḷPIPëP»Pë PSPμPiP°C,PëPIPSPsPiPs
PIPiP»PëPICf PSP° PIP°PiC-C,PSC-C†C,CH, CḥPsP·PIPëC,PsPe PμPjP±CḥC-PsPSP°
P°P±Ps PiP»PsPrP°, PiPsP»PsPiPë C,P° PiC-C†P»CḷPiPsP»PsPiPsPIPëPNë
CḥPsP·PIPëC,PsPe. Pj CḥP°P·C- PiP»P°PSCfPIP°PSPSCḷ P°P±Ps PSP°C†C,P°PSPSCḷ
PIP°PiC-C,PSPsC†C,C- PrP»Cḷ P»C-PeCfPIP°PSPSCḷ C†CfPeCḥPsPiPsPiPs
PrC-P°P±PμC,Cf CḥPμPePsPjPμPSPPrPsPIP°PSPs P·P°C†C,Psc†CfPICfPIP°C,Pë PSPμ
PjPμC,C,,PsCḥPjC-PS, P° C-PSC†CfP»C-PS PrP»Cḷ PiC-PrC,CḥPëPjPePë CḥC-PIPSCḷ
PiP»CḥPePsP·Pë PeCḥPsPIC- PjP°PeC†PëPjP°P»CHPSPs PSP°P±P»PëPḥPμPSPëPj PrPs
PSPsCḥPjP°P»CHPSPsPiPs, P·P°PrP»Cḷ P·PjPμPSCëPμPSPSCḷ CḥPëP·PëPeCf
CḥPsP·PIPëC,PeCf PIP°Pr PiP»PsPrP°.

P”PsPrCzPIP°PSPSCḷ PiCḥCzPrPrCḥ. PḥPμC,C,,PsCḥPjC-PS
PμPeC†PeCḥPμC,CfC”C,CHC†Cḷ Cf PiCḥCfPrPSPμ PjPsP»PsPePs, P°P»Pμ Cf
PSPsPiPsPSP°CḥPsPrPḥPμPSPëC.../PSPμPjPsPIP»CḷC,, CḷPeC- P·PSP°C...PsPrPëP»PëC†Cḷ PSP°
PiCḥCfPrPSPsPjCf PiPsPrCfPIP°PSPSC-, PiPsP±C-C†PSC- PμC,,PμPeC,Pë PSPμ
C†PiPsC†C,PμCḥC-PiP°P»PëC†Cḷ. PḥPrPSP°Pe, PsC†PeC-P»CHPePë PSPμPrPsC†C,P°C,PSCHPs
PrP°PSPëC... C%PsPrPs P±PμP·PiPμPePë P·P°C†C,Psc†CfPIP°PSPSCḷ PiCḥPμPiP°CḥP°C,Cf,
PiPsPrCfPIP°PSPSCḷ PiCḥCfPrPrCḥ PSPμ CḥPμPePsPjPμPSPPrCfC”C,CHC†Cḷ PiCḥPsC,CḷPiPsPj
C,PμCḥP°PiC-C— PjPμC,C,,PsCḥPjC-PSPsPj. P C-CëPμPSPSCḷ C%PsPrPs
PiCḥPëPiPëPSPμPSPSCḷ PiPsPrCfPIP°PSPSCḷ PiCḥCfPrPrCḥ PSPμPsP±C...C-PrPSPs
PiCḥPëPNëPjP°C,Pë P· CfCḥP°C...CfPIP°PSPSCḷPj PiPμCḥPμPIP°Pi PiCḥCfPrPSPsPiPs
PiPsPrCfPIP°PSPSCḷ C,P° PiPsC,PμPSC†C-PNëPSPsPiPs CḥPëP·PëPeCf PiPsP±C-C†PSPëC...
PμC,,PμPeC,C-PI PrP»Cḷ PrPëC,PëPSPë.

PxPμCḥC,PëP»CHPSC-C†C,CH. PḥPμC,C,,PsCḥPjC-PS PSPμ PIPiP»PëPIP°PI PSP°
C,,PμCḥC,PëP»CHPSC-C†C,CH C,PIP°CḥPëPS PiCḥPë P·P°C†C,Psc†CfPIP°PSPSC- Cf

PrPsP·P°C... 600 PjPi/PePi/PrPsP±Cf, C%Ps PjP°PNP¶Pµ Cf 3 CḡP°P·Pë
PīPµCḡPµPIPëC%CrPIP°P»Pë PjP°PeCfPëPjP°P»CHBPSCf CḡPµPePsPjPµPSPrPsPIP°PSCf
PrPsP±PsPICf PrPsP·Cf PrP»C¶ P»CḡPrPëPSPë P· CḡPsP·CḡP°C...CfPSPeCf PSP° PīP»PsC%Cr
PīPsPIPµCḡC...PSC- C,C-P»P°.

*P—PrP°C,PSC—CfC,CH PIPiP»PëPIP°C,Pë PSP° CēPIPëPrPeC—CfC,CH CḡPµP°PeC†C— PīCḡPë
PePµCḡCzPIP°PSPSC- P°PIC,PsC,CḡP°PSCfPīPsCḡC,PsPj P°P±Ps C—PSCēPëPjPë
PjPµC...P°PSC—P·PjP°PjPë.*

PḡPsPSPsC,PµCḡP°PīC—C¶ PjPµC,C,,PsCḡPjC—PSPsPj PSPµ PIPiP»PëPIP°C” PSP°
CēPIPëPrPeC—CfC,CH CḡPµP°PeC†C— PīCḡPë PePµCḡCfPIP°PSPSC—
P°PIC,PsC,CḡP°PSCfPīPsCḡC,PsPj P°P±Ps CḡPsP±PsC,C- P· C—PSCēPëPjPë
PjPµC...P°PSC—P·PjP°PjPë, PsCfPeC—P»CHPePë PīCḡPµPīP°CḡP°C, PSPµ CfPīCḡPëC†PëPSC¶C”
PīC—PīPsPiP»C—PePµPjC—C—. PhPrPSP°Pe CfP»C—Pr P±CfC,Pë PsP±PµCḡPµP¶PSPëPj PīCḡPë
P·P°CfC,PsCfCfPIP°PSPSC- PjPµC,C,,PsCḡPjC—PSCf Cf PePsPjP±C—PSP°C†C— P· C—PSCēPëPjPë
PīC—PīPsPiP»C—PePµPjC—C†PSPëPjPë P·P°CfPsP±P°PjPë (PīPsC...C—PrPSC—
CfCfP»CHC,,PsPSC—P»CfPµC†PsPIPëPSPë, C—PSCfCfP»C—PS P°P±Ps PjPµPiP»C—C,PëPSC—PrPë)
C†PµCḡPµP· CḡPëP·PëPe CḡPsP·PIPëC,PeCf PīC—PīPsPiP»C—PePµPjC—C—.

PŸPīPsCfC—P± P·P°CfC,PsCfCzPIP°PSPSC¶C,P° PrPsP·Pë.

P”PsCḡPsCfP»C— PīP°C†C—C”PSC,Pë P· PSPsCḡPjP°P»CHBPSPsCḡ C,,CfPSPeC†C—C”Cḡ
PSPëCḡPsPe (PëPḡPḡ ≥90 PjP»/C...PI)

*PḡPsPSPsC,PµCḡP°PīC—C¶ P°P±Ps PePsPjP±C—PSPsPIP°PSP° C,PµCḡP°PīC—C¶ P· C—PSCēPëPjPë
PīPµCḡPsCḡP°P»CHBPSPëPjPë PīC—PīPsPiP»C—PePµPjC—C†PSPëPjPë P·P°CfPsP±P°PjPë*

P—P°P·PIPëC†P°PNë PīPsC†P°C,PePsPIP° PrPsP·P° CfC,P°PSPsPIPëC,CH 500 PjPi
(P·P°CfC,PsCfPsPICfPIP°C,Pë Cf PIC—PrPīPsPIC—PrPSPsPjCf PrPsP·CfPIP°PSPSC-) P°P±Ps
850 PjPi PjPµC,C,,PsCḡPjC—PSCf PīC—PrCḡPsC...P»PsCḡPëPrCf (1 C,P°P±P»PµC,PeP°)
2-3 CḡP°P·Pë PSP° PrPsP±Cf PīC—Pr C†P°Cf P°P±Ps PīC—CfP»C¶ PīCḡPëPNëPsPjCf C—P¶C—.
P§PµCḡPµP· 10-15 PrPSC—PI PrPsP·Cf PSPµPsP±C...C—PrPSPs PIC—PrPePsCḡPëPīCfPIP°C,Pë
PIC—PrPīPsPIC—PrPSPs PrPs CḡPµP·CfP»CHC,P°C,C—PI PIPëPjC—CḡCḡPIP°PSCḡ CḡC—PIPSC¶
PīP»CḡPePsP·Pë Cf CfPëCḡPsPIP°C,C†C— PeCḡPsPIC-. PµPsPIC—P»CHBPSPµ
P·P±C—P»CHCēPµPSPSC¶ PrPsP·Pë CfPīCḡPëC¶C” P·PSPëP¶PµPSPSCḡ PīPsP±C—C†PSPëC...
PµC,,PµPeC,C—PI P· P±PsPeCf C,CḡP°PIPSPsPiPs C,CḡP°PeC,Cf. PḡP°PeCfPëPjP°P»CHBPSP°
CḡPµPePsPjPµPSPrPsPIP°PSP° PrPsP·P° CfC,P°PSPsPIPëC,CH 3000 PjPi PSP° PrPsP±Cf,
CḡPsP·PīPsPrC—P»PµPSP° PSP° 3 PīCḡPëPNëPsPjPë. Pj CḡP°P·C— PīPµCḡPµC...PsPrCf P·
C—PSCēPsPiPs PīCḡPsC,PëPrC—P°P±PµC,PëC†PSPsPiPs P·P°CfPsP±Cf PSPµPsP±C...C—PrPSPs
PīCḡPëPīPëPSPëC,Pë PīCḡPëPNëPsPj C†CHPsPiPs P·P°CfPsP±Cf C,P° PīCḡPëP·PSP°C†PëC,Pë
PjPµC,C,,PsCḡPjC—PS, C¶Pe P·P°P·PSP°C†PµPSPs PIPëC%Pµ.

PḡPsPjP±C—PSPsPIP°PSP° C,PµCḡP°PīC—C¶ P· C—PSCfCzP»C—PSPsPj

P”P»C¶ PrPsCfC¶PīPSPµPSPSC¶ PeCḡP°C%PsPiPs PePsPSC,CḡPsP»Cḡ CḡC—PIPSC¶
PīP»CḡPePsP·Pë Cf PeCḡPsPIC- PjPµC,C,,PsCḡPjC—PS C- C—PSCfCfP»C—PS PjPsP¶PSP°
P·P°CfC,PsCfPsPICfPIP°C,Pë Cf PIPëPiP»C¶PrC- PePsPjP±C—PSPsPIP°PSPsC— C,PµCḡP°PīC—C—.
P—P°P·PIPëC†P°PNë PīPsC†P°C,PePsPIP° PrPsP·P° CfC,P°PSPsPIPëC,CH 500 PjPi
(P·P°CfC,PsCfPsPICfPIP°C,Pë Cf PIC—PrPīPsPIC—PrPSPsPjCf PrPsP·CfPIP°PSPSC-) P°P±Ps

850 PjPi PjPμC,C,,PsCḡPjC-PSCr PiC-PrCḡPsC...P»PsCḡPëPrCr (1 C,P°P±P»PμC,PeP°)
 2-3 CḡP°P·Pë PSP° PrPsP±Cr, C,PsPrC- CḡPe PrPsP·Cr C-PSCrCrP»C-PSCr CrP»C-Pr
 PiC-PrP±PëCḡP°C,Pë PIC-PrPiPsPIC-PrPSPs PrPs CḡPμP·CrP»CHC,P°C,C-PI
 PIPëPjC-CḡCḡPIP°PSPSCḡ CḡC-PIPSCḡ PiP»CḡPePsP·Pë Cr PeCḡPsPIC-.

PJ PiP°C†C-C''PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCž PjPsP¶P»PëPIPμ P·PSPëP¶PμPSPSCḡ
 C,,CrPSPeC†C-C— PSPëCḡPsPe, C,PsPjCr PrPsP·Cr PjPμC,C,,PsCḡPjC-PSCr CrP»C-Pr
 PiC-PrP±PëCḡP°C,Pë PSP° PsCḡPSPsPIC- PsC†C-PSPePë C,,CrPSPeC†C-C— PSPëCḡPsPe, CḡPeCr
 PSPμPsP±C...C-PrPSPs PiCḡPsPIPsPrPëC,Pë CḡPμPiCrP»CḡCḡPSPs PiCḡPsC,CḡPiPsPj
 P»C-PeCrPIP°PSPSCḡ PiCḡPμPiP°CḡP°C,PsPj (PrPëPI. CḡPsP·PrC-P»
 B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCrPIP°PSPSCḡB»).

PkPëCḡPePsPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,CH. PëPḡPḡ CrP»C-Pr PsC†C-PSCḡPIP°C,Pë PrPs
 PiPsC†P°C,PeCr P»C-PeCrPIP°PSPSCḡ P»C-PeP°CḡCḡCHPePëPjPë P·P°CḡPsP±P°PjPë, C%Ps
 PjC-CḡC,CḡC,CH PjPμC,C,,PsCḡPjC-PS, C,P° PiCḡPsC,CḡPiPsPj P»C-PeCrPIP°PSPSCḡ
 PiCḡPëPSP°PNëPjPSC- C%PsCḡC-C†PSPs. PJ PiP°C†C-C''PSC,C-PI P· PiC-PrPIPëC%PμPSPëPj
 CḡPëP·PëPePsPj PiPsPrP°P»CHC€PsPiPs PiCḡPsPiCḡPμCḡCrPIP°PSPSCḡ PSPëCḡPePsPIPsC—
 PSPμPrPsCḡC,P°C,PSPsCḡC,C- C,P° PiP°C†C-C''PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCr CrP»C-Pr
 PiCḡPsPIPsPrPëC,Pë CḡPμC,PμP»CHPSPëPNë PjPsPSC-C,PsCḡPëPSPi C,,CrPSPeC†C-C—
 PSPëCḡPsPe CḡPePsPjPsPiP° C†P°CḡC,C-C€Pμ, PSP°PiCḡPëPeP»P°Pr PePsP¶PSC-
 3-6 PjC-CḡCḡC†C-PI.

PëPḡPḡ (PjP»/C...PI)	P—P°PiP°P»CHPSP° PjP°PeCḡPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° (PjP°C'' P±CrC,Pë CḡPsP·PrC-P»PμPSP° PSP° 2-3 PiCḡPëPNëPsPjPë)	P°PsPrP°C,PePsPIP° C-PSC,,PsCḡPjP°C†C-Cḡ
60-89	3000 PjPi	PJ CḡP°P·C- P·PSPëP¶PμPSPSCḡ C,,CrPSPeC†C-C— PSPëCḡPsPe CḡPμPePsPjPμPSPrCrC''C,CHCḡCḡ CḡPsP·PiP»CḡPSCrC,Pë PjPsP¶P»PëPIC-CḡC,CH P·PjPμPSC€PμPSPSCḡ PrPsP·Pë.
45-59	2000 PjPi	PμPμCḡPμPr PiPsC†P°C,PePsPj P·P°CḡC,PsCḡCrPIP°PSPSCḡ PjPμC,C,,PsCḡPjC-PSCr CrP»C-Pr CḡPsP·PiP»CḡPSCrC,Pë C,,P°PeC,PsCḡPë, C%Ps PjPsP¶CrC,CH P·P±C-P»CHC€PëC,Pë CḡPëP·PëPe CḡPsP·PIPëC,PeCr P»P°PeC,PsP°C†PëPrPsP·Cr (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCrPIP°PSPSCḡB»).
30-44	1000 PjPi	PμPsC†P°C,PePsPIP° PrPsP·P° CḡC,P°PSPsPIPëC,CH PSPμ P±C-P»CHC€Pμ PiPsP»PsPIPëPSPë PjP°PeCḡPëPjP°P»CHPSPsC— PrPsP·Pë.

<30	—	P—P°CfC,PsCfCfPIP°PSPSCf PjPμC,C,,PsCfPjC-PSCf PīCfPsC,PēPīPsPeP°P·P°PSPμ.
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P''C-C,Pē.

*PħPsPSPsC,PμCfP°PīC-Cf P°P±Ps PePsPjP±C-PSPsPIP°PSP° C,PμCfP°PīC-Cf P·
C-PSCfCžP»C-PSPsPj*

PħPμC,C,,PsCfPjC-PS P·P°CfC,PsCfPsPICfCfC,CH PrC-C,CfPj PIC-PePsPj PIC-Pr 10
CfPsPeC-PI C,P° PīC-PrP»C-C,PeP°Pj. P—P°P·PIPēC±P°PNē PīPsC±P°C,PePsPIP° PrPsP·P°
CfC,P°PSPsPIPēC,CH 500 PjPi (P·P°CfC,PsCfPsPICfPIP°C,Pē Cf PIC-PrPīPsPIC-PrPSPsPjCf
PrPsP·CfPIP°PSPSC-) P°P±Ps 850 PjPi PjPμC,C,,PsCfPjC-PSCf 1 CfP°P· PSP° PrPsP±Cf PīC-Pr
C±P°Cf P°P±Ps PīC-CfP»Cf PIP¶PēPIP°PSPSCf C—P¶C-. P§PμCfPμP· 10-15 PrPSC-PI PrPsP·Cf
PSPμPsP±C...C-PrPSPs PIC-PrPePsCfPēPīCfPIP°C,Pē PIC-PrPīPsPIC-PrPSPs PrPs
CfPμP·CfP»CHC,P°C,C-PI PIPēPjC-CfCfPIP°PSCf CfC-PIPSCF PiP»CfPePsP·Pē Cf
CfPēCfPsPIP°C,CfC- PeCfPsPIC-. PμPsPIC-P»CHPSPμ P·P±C-P»CHC€PμPSPSCf PrPsP·Pē
CfPīCfPēCfCfCf" PīPsCfP»P°P±P»PμPSPSCf PīPsP±C-C±PSPēC... PμC,,PμPeC,C-PI P· P±PsPeCf
C,CfP°PIPSsPiPs C,CfP°PeC,Cf. PħP°PeCfPēPjP°P»CHPSP° CfPμPePsPjPμPSPrPsPIP°PSP°
PrPsP·P° CfC,P°PSPsPIPēC,CH 2000 PjPi PSP° PrPsP±Cf P·P° 2-3 PīCfPēPNēPsPjPē.

PμPμCfPμPrPsP·CžPIP°PSPSCf.

PμCfPē P·P°CfC,PsCfCfPIP°PSPSC- PīCfPμPīP°CfP°C,Cf Cf PrPsP·C- 85 Pi CfPsP·PIPēC,PeCf
PīC-PīPsPiP»C-PePμPjC-C— PSPμ CfPīPsCfC,PμCfC-PiP°P»PsCfCf. PħPrPSP°Pe Cf CfCHPsPjCf
PIPēPīP°PrPeCf CfPīPsCfC,PμCfC-PiP°PICfCf CfPsP·PIPēC,PsPe P»P°PeC,PsP°CfPēPrPsP·Cf.
P—PSP°C±PSPμ PīPμCfPμPIPēC%PμPSPSCf PrPsP·Pē PjPμC,C,,PsCfPjC-PSCf P°P±Ps
CfCfPīCfC,PSC- C,,P°PeC,PsCfPē CfPēP·PēPeCf PjPsP¶CfC,CH PīCfPēP·PIPsPrPēC,Pē PrPs
P»P°PeC,PsP°CfPēPrPsP·Cf. P>P°PeC,PsP°CfPēPrPsP· C" PSPμPIC-PrPeP»P°PrPSPēPj
CfC,P°PSPsPj C- PNēPsPiPs CfP»C-Pr P»C-PeCfPIP°C,Pē Cf CfC,P°CfC-PsPSP°CfC-.
PķP°PNēPμC,,PμPeC,PēPIPS-C€PēPj P·P°C...PsPrPsPj PrP»Cf PIPēPIPμPrPμPSPSCf P·
PsCfPiP°PSC-P·PjCf P»P°PeC,P°C,Cf C- PjPμC,C,,PsCfPjC-PSCf C" PiPμPjPsPrC-P°P»C-P·.

PμPsP±C-C±PSC- CfPμP°PeCfC-C—.

PķP°PNēC±P°CfC,C-C€PēPjPē PSPμP±P°P¶P°PSPēPjPē CfPμP°PeCfC-CfPjPē PSP°
PīPsC±P°C,PeCf P»C-PeCfPIP°PSPSCf C" PSCfPrPsC,P°, P±P»CfPIP°PSPSCf, PrC-P°CfPμCf,
P±C-P»CH Cf P¶PēPIPsC,C-, PIC-PrCfCfC,PSC-CfC,CH P°PiPμC,PēC,Cf. PīC- CfPēPjPīC,PsPjPē
P·P°P·PIPēC±P°PNē PjPēPSP°CfC,CH CfP°PjPsCfC,C-PNēPSPs. P''P»Cf
PīPsPīPμCfPμPrP¶PμPSPSCf PIPēPSPēPePSPμPSPSCf P·P°P·PSP°C±PμPSPēC...
PīPsP±C-C±PSPēC... CfPIPēC% CfPμPePsPjPμPSPrCfC"C,CHCfCf PīPsPIC-P»CHPSPμ
P·P±C-P»CHC€PμPSPSCf PrPsP·CfPIP°PSPSCf C,P° P·P°CfC,PsCfCfPIP°PSPSCf
PrPsP±PsPIPsC— PrPsP·Pē PīCfPμPīP°CfP°C,Cf P·P° 2-3 PīCfPēPNēPsPjPē.

PķPμP±P°P¶P°PSC- PμC,,PμPeC,Pē P·P° C±P°CfC,PsC,PsCf PIPēPSPēPePSPμPSPSCf
PeP»P°CfPēC,,C-PeCfCfC,CH P·P° C,P°PePēPjPē PeP°C,PμPiPsCfC-CfPjPē: PrCfP¶Pμ
C±P°CfC,Ps (≥1/10), C±P°CfC,Ps (≥1/100 C- <1/10), PSPμC±P°CfC,Ps (≥1/1000 C- <1/100),

РҮРµСҲРјС-PS РҮСҲРёРҫР°С,PSsСҲС,С-. 3 СҲPsРёРё.

PJPiP°PePsPIPeP°. P_{ii}Ps 10 C,P°P±P»P_{ii}C,P_sPe Cr P±P»C-Cl'C,P_{ii}Cl'P₅C-; P_{ii}Ps 3 P±P»C-Cl'C,P_{ii}Cl'P₅Pë Cr PePsCl'P_sP±P±C-.

$$\mathbf{P} \mathbf{L} \mathbf{P}^{\circ} \mathbf{C}, \mathbf{P}_{\mu} \mathbf{P} \mathbf{i} \mathbf{P} \mathbf{s} \mathbf{C} \mathbf{H} \mathbf{C} - \mathbf{C} \mathbf{H} \mathbf{P} \mathbf{I} \mathbf{C} - \mathbf{P} \mathbf{r} \mathbf{P} \mathbf{i} \mathbf{C} \mathbf{r} \mathbf{C} \mathbf{I} \mathbf{P} \mathbf{e} \mathbf{C} \mathbf{r}. \mathbf{P} - \mathbf{P}^{\circ} \mathbf{C} \mathbf{H} \mathbf{P}_{\mu} \mathbf{C} \mathbf{I} \mathbf{P}_{\mu} \mathbf{P} \mathbf{i} \mathbf{C}, \mathbf{P} \mathbf{s} \mathbf{P} \mathbf{j}.$$

P'PëCĤPsP±PSPëPe. PŷPĥP' PŷPμPIP° PĥPīPμCĤPμPN₂C€PSP. PμPsP»P°PSPτ.

**P_HC-ClC†P_μP·PSP°C...PsPrP¶P_μPSPSC¶ PIPëC¶P_SP±PSPëPeP° C,P° P°PrC¶P_μClP°
PjC-ClC†C¶ PiC¶P_SPIP°PrP¶P_μPSPSC¶ PN₂PsPiPs PrC-C¶P»CHBPSPsClC,C,-.**

$$\text{P}'\text{C}'\text{P}\rangle. \text{P}_{\text{H}}\text{P}_{\text{S}}\text{P}_{\text{I}}\text{P}_{\text{E}}\text{P}\rangle\text{CH}_2\text{C}'\text{CH}_2\text{P}_{\text{E}}\text{P}^\circ \text{ 80, 31-546 P}_{\text{L}}\text{C}_{\text{H}}\text{P}^\circ\text{P}_{\text{E}}\text{C-PI}, \text{P}_{\text{H}}\text{P}_{\text{S}}\text{P}\rangle\text{CH}_2\text{C}\%_{\text{OO}}\text{P}^\circ.$$