

[illegible][illegible][illegible]

V5\ ΛⁿPCP_qΔb³

$\Gamma \nabla \Delta \sigma \sigma^\circ \cap \nabla \sigma \Gamma \cap \rho' \Delta \sigma \backslash \nabla \nabla \sigma \cdot \Delta \rho' \cdot \sigma^\circ \mathbb{C} \nabla \mathbb{b} \cdot \rho \Gamma \Delta \nabla \mathbb{b} \cdot \Delta \langle \Gamma \mathbb{d} \cdot \Delta \rho' \cdot \rho^\circ \cup \sigma \Gamma \cap \rho' \Delta \sigma \backslash \sigma^\circ \mathbb{C}$
 $\Gamma \sigma \mathbb{d} \cdot \Delta \rho' \Delta \mathbb{a}_x \nabla \langle \rho \cap \mathbb{a} \mathbb{L} \mathbb{R} \backslash \mathbb{b} \mathbb{q} \mathbb{C} \cdot \nabla \sigma \cdot \mathbb{C} \cdot \Delta \sigma \sigma^\circ \cdot \sigma^\circ \mathbb{C} \Gamma \supset \sigma \sigma \Gamma \mathbb{b} \sigma \sigma^\circ \cdot \sigma^\circ \mathbb{C} \cdot \Delta \Gamma \cdot \mathbb{q} \rho \supset \Delta \sigma \backslash \rho \Gamma \Delta \nabla$
 $\mathbb{b} \mathbb{a} \cdot \Delta \langle \Gamma \supset \mathbb{R} \backslash_x$

$$\sigma \sim \Lambda^n \rho C \rho_a \Delta b^3$$
[illegible]

$$\Gamma^{\prime} \nabla \triangleleft \nabla \alpha \nabla \Delta \mathcal{J} \Gamma \sigma d : \Delta \mathcal{J}' \text{ } \rho \Gamma \alpha \text{CL} d' \Gamma^{\prime} \nabla^{\alpha} b \Gamma^{\prime} \triangleright \text{C} \leq^{\alpha} d \sigma 9 : \Delta \alpha \text{CL} 9 : \triangleleft \Delta^{\alpha} \wedge b \wedge d \sigma b \text{UP} b \triangleright \Gamma$$

$\neg \triangleright s^! \wedge^n p c r_{\Delta} b^{\triangleright}$

[illegible]

▷L NVqσCdʹΔᵛ ▽b PR LᵃbΓʹ ΔᵃΛ b N<ᵃdᵃΔU <σʹʹʹʹʹΔσᵛ b ▷ʹ <ʹdLbᵛ ᵀᵀC ΔʹʹʹʹʹΔᵃ ᵃ▽<ᵛ
 b ▷ʹ<σʹ <▷CJLbᵛ ᵀᵀC σbᵀσCJΔᵃ LLΔ ΔCᵃbᵀʹΔᵃ ▽ʹ σ<ΔLbPₓ

σ₇ μ₈ Λⁿ ρC ρ₉ Δb³

Γρ·∇ ◁ ∇_α ∩ V_α · ∇ ▷ ΔCⁿb_σρ·Δ³ ρΓ ∧ J C D C _x

$$\nabla b \triangleleft \nabla a \text{ Pfr } \Gamma C. q_{aL}' \triangleright' \Delta C^n b \text{ tot}' \cdot \Delta^\circ \text{ tot}' C \wedge d \text{ Pfr } \Gamma C. q_{aL}' d C P^{\triangleright} \Delta C^n b \text{ tot}' \cdot \Delta \sigma \sigma^\circ \text{ Pfr } \Lambda L N \text{ tot}' b C \setminus_x$$
$${}^n dC_{\rho} \omega^1 \wedge {}^n \rho C_{\rho} \omega_{\Delta} b^3$$

$a \vee b \wedge c \rightarrow d$ is equivalent to $(a \vee b) \wedge (c \rightarrow d)$

Γσδ·Δρ·Δ\ ΡΔ·ΔΡΩΓρ\ ϖ°C ΡΓ σC·ΔΡΔ·∇Γ\× Vγ·b³ ΡΓ Δρ Γσδ·ΔρΓρ\·ΔΡΩ·Δσ\ Γ·b⁻ b·ΔΡΩΓρ\ ϖ°C Lb Δ°Λ b ΛdαΡ\ ▷·ΔΡΩ·Δσ·Δ°×

$$b_C \cdot \Delta P_C \cdot \Delta t \leq \rho L b \rho V \sigma \Gamma \rho \rho' \cdot \tau^n C \cdot b \rho \rho \cdot \nabla \rho \cdot \rho' d \Gamma \rho \rho' \cdot b_C \cdot \Delta P_C \cdot \Delta t \cdot \Delta \sigma \rho \cdot b \cdot \Delta \sigma \rho \rho' \cdot x$$
[illegible]

$\sigma \cdot h^{\dagger} s^{\dagger} \Lambda^n P C \gamma_5 \Delta b^3$

$\Gamma \cdot \nabla \triangleleft \nabla_{\alpha} \Gamma \sigma d : \Delta' \circ \rho \Gamma \cap V_{\alpha} \cdot \nabla : \Delta'$ $q.b\sigma^{\circ}$ $\tau^n C$ $\triangleleft J^{-}$ $dC\rho L_x$

$$\nabla b \triangleleft \nabla a \text{ iff } \Gamma C. q a L' \triangleright \bigwedge a. \nabla. \Delta \mathcal{P}. \Delta^p_x$$

σ₇α₂⊂Δ₅¹ ∩ ρC₇αΔb³

$$\Gamma' \nabla \triangleleft \nabla \otimes \nabla \Gamma \sigma d : A' \text{ p} \Gamma \cap \nabla^n C \text{ p}' \Delta U \sigma C : A \triangleright L \Gamma \triangleright \sigma C : A \text{ p}' \nabla^n C \triangleright' \triangleleft L \Gamma A : A \times \triangleright L \Gamma \sigma d : A' : A$$

$\nabla J^* \triangleright \Pi V \sigma \Gamma \Pi \rho \Delta^3$ Pr $\triangleleft \nabla \Gamma C'$ $\Delta^3 \wedge$ $\triangleleft \nabla \Gamma C'$ \triangleright' $\triangleleft \nabla \Gamma \triangleleft \Delta^3$ $\text{th}^C \triangleright'$ $C \cdot V_4 \sigma C \cdot \Delta^3$ $\nabla V \text{hd}'$ $\text{th}^C \wedge d$
 $d C P \text{h}$ $\Delta \sigma \sigma \triangleleft \triangleright \Pi^b \circ$ $\Delta \sigma \sigma \text{th}^C \wedge d$ Δd $\Pi V d \cdot \nabla_x$ Pr $\triangleleft \nabla \Pi \sigma \cdot \nabla'$ \triangleright' $\triangleleft \nabla \Gamma \triangleleft \Delta^3$ $\text{th}^C \wedge d$ Pr
 $\text{Pr}^p \text{hd} \triangleleft L P'$ ∇J $C \cdot V_4 \sigma C \text{th}^C$ Pr $\wedge J C \text{JC}$ \triangleright' $C \cdot V_4 \sigma C \cdot \Delta^3$ th^C $L b$ ∇J $L \Gamma \Gamma \Gamma \cdot \nabla'$ th^C $\text{hd}' \text{hd}' \triangleright'$
 $C \cdot V_4 \sigma C \cdot \Delta^3_x$

$s^3 d s^1 \wedge^n p c r_{\omega} \Delta b^3$

Γ_Γ-∇ < ∇_α ΓσδΔρ° NVα-∇ ▷' ΔUσCJ·Δ³ ΡΓ << ΓC' °C NVα-∇ ▷' <ΛΓ▷³ ΡΓ << ΓC' × ∇ <dL
ΓσδΔρ·Δ³ ∇ NVσΓΠρ' ▷' ΔUσCJ·Δ³ ΡΓ << ΓC' °C ∇b ΡΓ Γd°bΓΔ' °C ΡΓ αC·∇σC` °C
▷ΠΠd' °C ΡΓ << ΓC' <σΔ ·ΔCLd·Δα °C ΔUσCJ·Δα Λd b ▷Γ<σΡ Π<ΓJ·Δα °C VCdρ·Δα
°C ∇b ΡΓ ΡΛ°bdασ·<Λ` ∇J ΡJ<` <ΛP°x

σ ∫ C_α Λⁿ P C_β Δ b³

$$\Gamma \rho \cdot \nabla \triangleleft \nabla_{\alpha} \nabla \cap V \sigma \Gamma \cap \rho' \quad \rho \Gamma \Delta C' \quad \alpha \rho^{\nu} b \triangleright \cdot \Delta \sigma \backslash \quad b \leq \Gamma \sigma C] \cdot \Delta^{\circ} \nabla \triangleleft < C \backslash \quad \text{ } ^{\circ} n C \wedge d \text{ LL} \cdot \Delta \cdot \Delta \Gamma \Delta \triangleright \cdot \Delta \sigma \backslash_x$$

$\nabla b \triangleleft \Delta a \triangleleft \mathcal{D}^n b^c$
 $\text{Pr } \mathcal{I} P \Delta' \text{ Pr } N V^3 C d P' \text{ LL} \Delta \Delta \Gamma \Delta \mathcal{D} \Delta \sigma^x$

$$\sigma \int C_Q \, V \, \Lambda^n \rho C \rho_Q \Delta b^3$$
$$\Gamma \nabla \triangle \nabla \Gamma \sigma d \Delta \rho' \quad \rho \Gamma \triangle \rho \Gamma' \triangleright \rho \Gamma \triangle \Delta \sigma' \triangleright' \triangle \rho \triangleright C^u b^\circ \quad \sigma C \wedge d \triangle \sigma \Delta \cap \nabla \triangle b \triangle \nabla \triangle \triangle L' \quad \rho \Gamma$$

$$\triangle \nabla \Gamma^u C L d'_x$$
$$\Gamma \nabla \triangle \nabla \Gamma \sigma d \Delta \Gamma' \nabla \nabla \cdot b \cdot \sigma \cdot \rho \Gamma \Delta \Gamma' b \cdot \triangleleft \Gamma' \Delta \wedge b \cdot \Delta \triangleleft \Gamma C \cdot q \Delta \sigma \sigma \cdot \Delta \triangleleft \Gamma^q \cdot \Delta \cdot \triangleright C \triangleleft \Gamma' \cdot x$$
[illegible]
$$\sigma \mathcal{I} C_{\alpha} \sigma \sim \Lambda^n \rho C_{\beta} \Delta b^3$$

Γ₂ ∇ < ∇_α b < JCPΓd₂ ΛLΠ₂Δσ₂ ∇ Γσd₂Δ₂ Ρ₂ b_αΔσΓd₂Δ₂ τ^οC Ρ₂ Λ^οΡσCδ₂ Γ₂∇^οbΓ₂
∇₂ dΓCσ<₂ τ^οC bC₂bΡ₂ ΔΓΔ₂∇₂Δ_α V₂·b₄ <^οΡ₂ b >Γ ΛLΓ>_ασ<₂ Δσσ₂ τ^οC ΔC^οbτ₂Δ₂
Γσd₂Δ₂ b Ρ^οUσC₂bΡ₂ Δ_α ΠΛ_α∇ >Ρ^οUσCδ₂Δ₂ >Γ τ^οC ΠΛ_α∇ q >Γ σC₂ΔΡ₂ > Δ₂σd₂Δσ₂_x
σ₂JC_α σ^ο∩ Λ^οPC₂Δ₂b₂

Γ₂ ∇ < ∇_α ∇ Γσd₂Δ₂ Ρ₂ <<Π₂ qd Λd <<Π₂Δσσ^ο <Δ>Π_αL₂· b₂^ο Ρ₂ ∩C₂ ∇₂ <<Π₂ τ^οC Ρ₂
b_α∇σΓd₂Δ₂ ∇b ∇C₂bσσ₂ <<Π₂Δσσ^ο_x

Γ₂ ∇ < ∇_α ∇b Λ∩^ο Ρ₂ Δ₂ b_α<<Γ₂ V₂·b_ω Ρ₂ Δ₂ Π<<Ld₂ τ^οC V₂·b₂ Ρ₂ Δ₂σ_αbσσ₂ >
<<Π₂Δ₂_x

Γ₂ ∇ < ∇_α b <<Π₂· b₂^ο τ^οC Ρ₂ Γ₂σ₂σσ₂ >∩Π₂Δ₂ Δ_α >Γ τ^οC ΔΓ₂ω_α Ρ₂ >Γ >Γ₂
Γ₂σ<σ₂σσ₂ >ΛLΠ₂Δσ<₂ Ρ^οUσCδ₂Δσ₂ τ^οC Ρ₂ <σ^οq ΔΓΔd₂ Ρ₂ω^οΛ^ο ^οC∇σCδ₂q b >Γ<σ₂
Δσσ₂Δ₂ αCLqΔ₂_x

Γ₂ ∇ < ∇_α ∇ Γσd₂Δ₂ Ρ₂ >J₂C₂ τ^οC Λd Ρ₂ ΔΓ₂·C₂ <<Π₂Δ₂ LL₂Δ₂ αCLqΔσ₂ <<Π₂Δ₂ >Γ q >Γ₂
αCLd₂ Γ₂·b₂ ∇ <<Π₂_x