RP-090967

System impact of poor proprietary Fast Dormancy implementations

Background document for facilitating the discussion in RP-090941 and PR-00942

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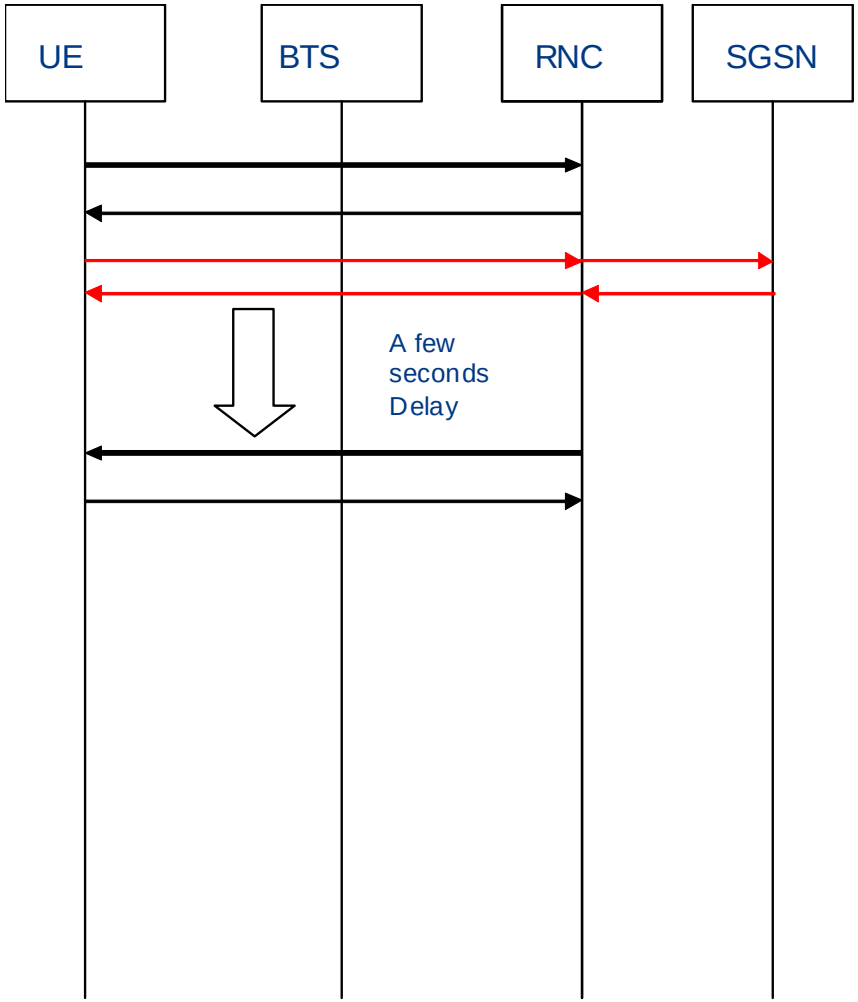
Normal UE operation for “keep alive” message



All Data Transmitted on Iub User Plane

Cell Update User Data
Cell Update Accept RRC mode FACH
User Data TCP “Keep alive” packet
User Data TCP “Keep alive” packet Ack

RRC State Change to Cell_PCH
RRC State Change accept

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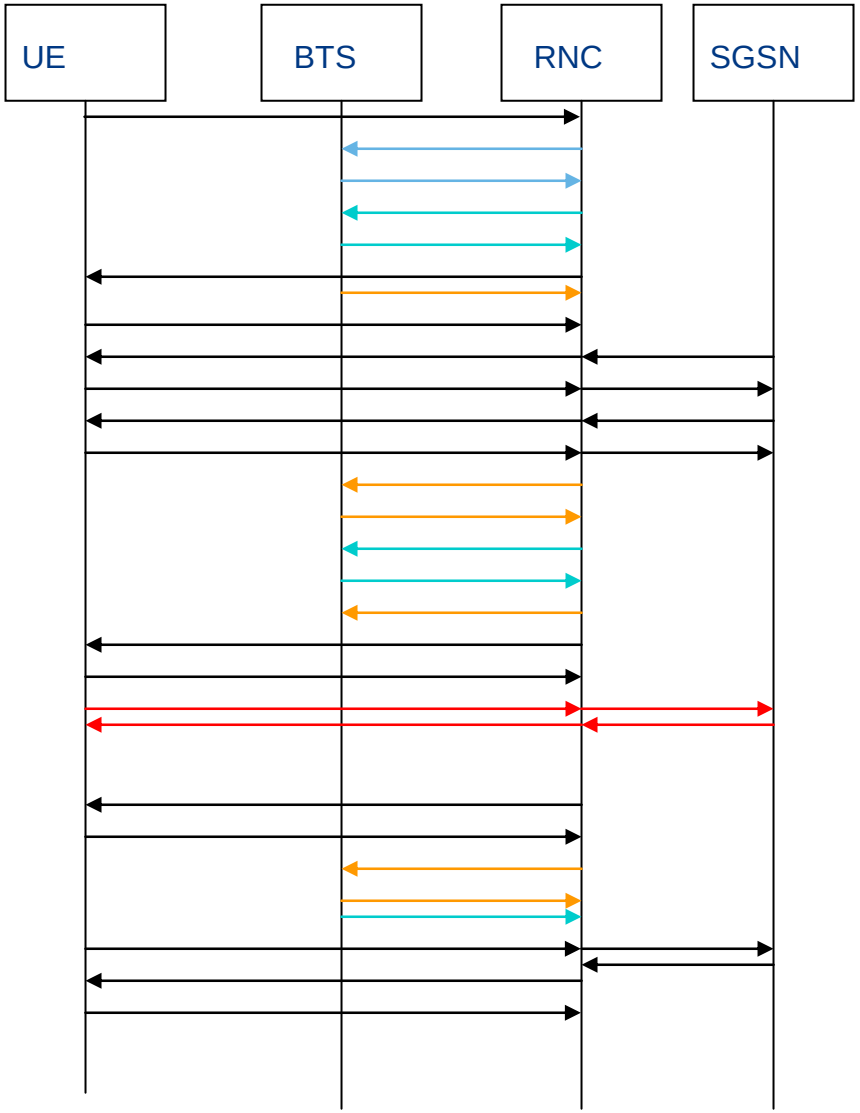
UE operation for “keep alive” message transmission after UE specific “optimization”



Service Request (User Plane)
RL Setup (CNBAP)
RL Setup Complete (CNBAP)
AAL2 Establish Request (AAL2 Sig)
AAL2 Setup Complete (AAL2 Sig)
RRC Connection Setup (User Plane)
RL connection restore (DNBAP)
RRC Connection Setup Complete (User Plane)
Security Mode (User Plane)
Security Mode Complete (User Plane)
RAB Setup (User Plane)
RAB setup complete (User Plane)
RL Reconfigure prepare (DNBAP)
RL Reconfigure Confirm (DNBAP)
AAL2 Reconfigure (AAL2 Sig)
AAL2 reconfigure confirm (AAL2 Sig)
RL Commit (DNBAP)
RB Reconfigure
RB Reconfigure Complete
User Data TCP “Keep alive” packet (User Plane)
User Data TCP “Keep alive” packet Ack (User Plane)

RRC State Change to Cell_FACH (User Plane)
RRC State Change accept (User Plane)
RL release (DNBAP)
RL link release complete (DNBAP)
AAL2 reconfigure confirm (AAL2 Sig)
RRC signalling bearer release request (User Plane)
RRC Signalling bearer release (User Plane)
RRC release complete (User plane)

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