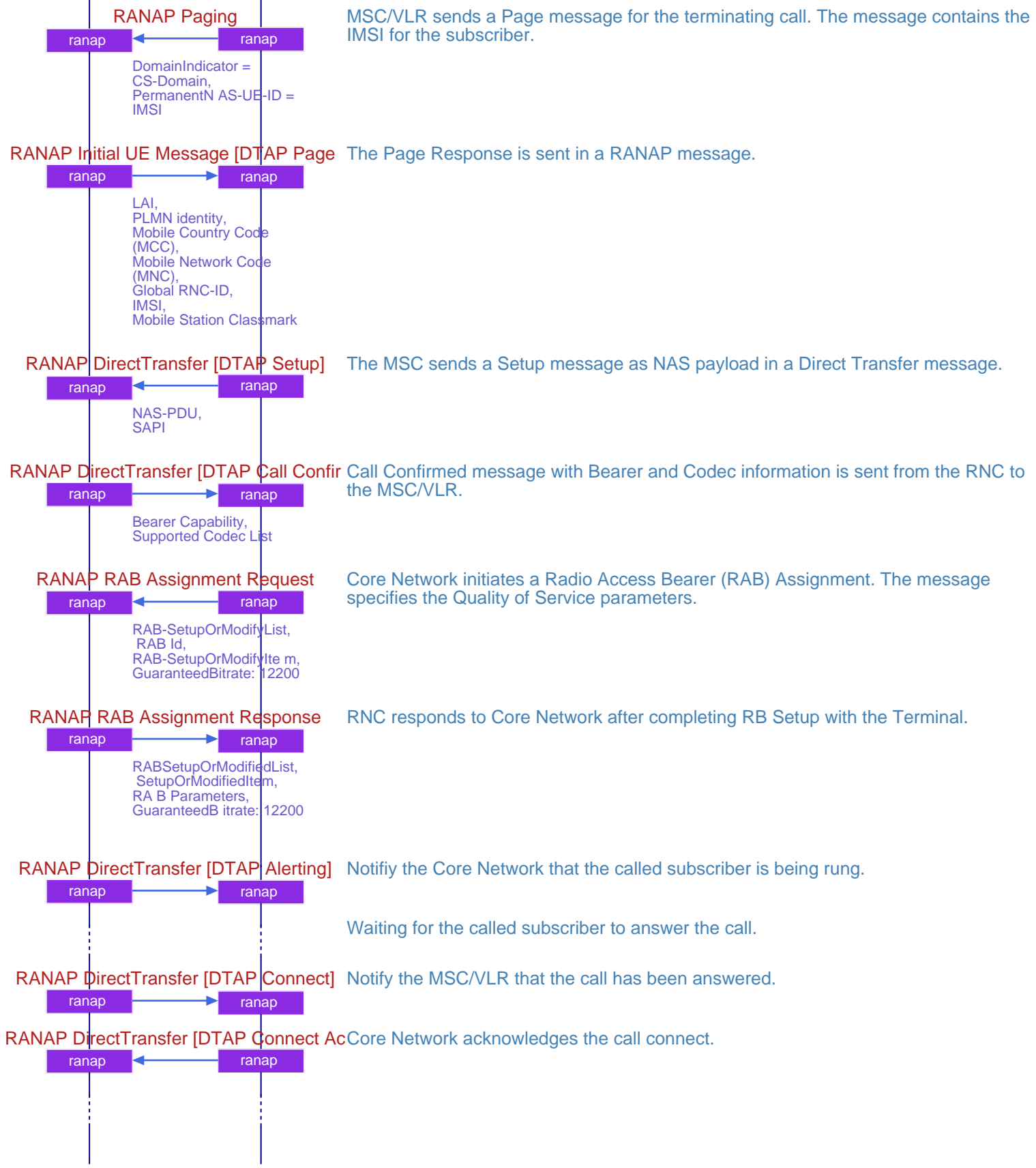


-ranap Interfaces (SequenceProject)		
UTRAN	Core Network	EventStudio System Designer 6
RNC	MSC/VLR	09-Feb-14 19:43 (Page 1)

A 3G-UMTS terminating call is described here. Setup radio bearers and RANAP signaling are covered in detail. You can click on most RANAP messages to see the full content of the message.

This call flow has been generated with from a Wireshark PCAP file using VisualEther (<http://www.eventhelix.com/VisualEther/>). The generated call flow was later modified with EventStudio (<http://www.eventhelix.com/EventStudio/>) to add comments and terminal level interactions.



-ranap Interfaces (SequenceProject)		
UTRAN	Core Network	EventStudio System Designer 6
RNC	MSC/VLR	09-Feb-14 19:43 (Page 2)

RANAP DirectTransfer [DTAP Disconnect] The called subscriber has initiated a call release. This results in a Disconnect message from the MSC/VLR to the RNC.



RANAP DirectTransfer [DTAP Release] Call release is sent to the MSC/VLR.



RANAP DirectTransfer [DTAP Release C] This message signals the completion of call release.



RANAP Iu-Release

The MSC/VLR initiates the release of the Iu connection.



Cause = Normal Release

RANAP Iu-Release

RNC also acknowledges the Iu release.



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Explore more call flow diagrams at: <http://www.eventhelix.com/realtimemantra/telecom/>