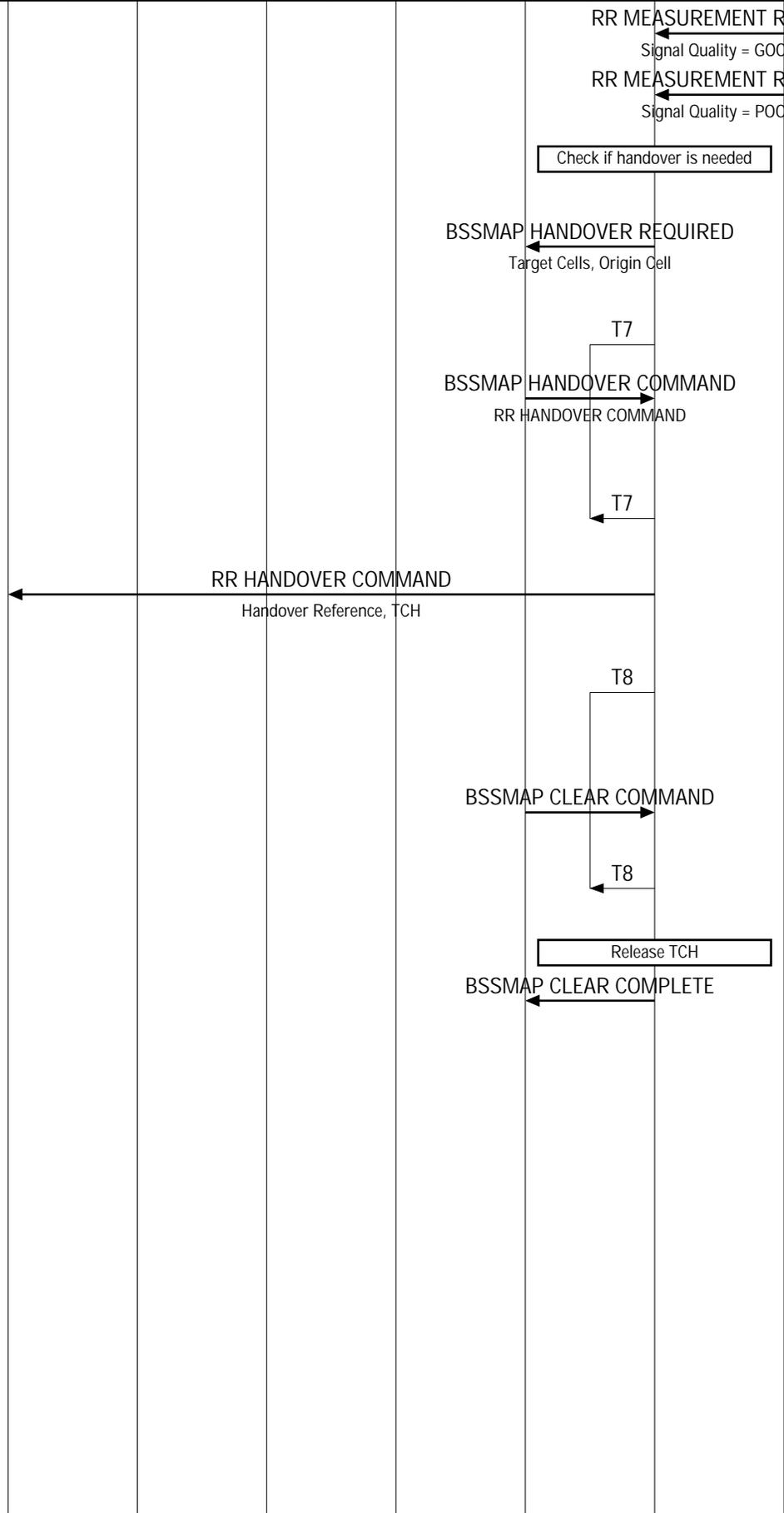


Bethesda_BSC Interfaces (GSM Inter MSC Handover Call Flow)							
Highway	GSM Coverage						EventStudio System Designer 4.0
GSM Mobile	Vienna (Target)			Bethesda (Source)			
Mobile	Vienna Cell	Vienna BSC	Vienna MSC VLR	Bethesda MSC VLR	Bethesda BSC	Bethesda Cell	25-Jan-08 07:26 (Page 1)



The mobile is reporting good signal quality, so no further action is taken.

The Bethesda BSC decides to initiate a handover as the mobile will be better served by another cell.

The BSC analyses the measurement reports to determine that the mobile will be best served by the Vienna Cell.

The BSC decides to request a handover. A list of target cells is provided to the MSC. The Vienna Cell is included in the list of target cells.

The T7 timer is started to wait for the handover command from the MSC.

The MSC delivers the handover command to the Bethesda BSC. This command encapsulates the RR HANDOVER COMMAND from the destination BSC.

The handover command has been received. So the T7 timer can now be stopped.

The Bethesda BSC extracts the RR HANDOVER COMMAND message from the BSSMAP message and sends it to the mobile.

T8 is started to await the clear of this call from the MSC. If the handover to the target cell is successful, the MSC will initiate a resource release to the source BSC.

Call release has been completed, now the RR connection is released by the MSC.

The T8 timer is stopped as the handed over call's resources in the source BSC are released.

The BSS informs the the MSC that the RR connection has been released.