

**Source:** CN2 Chairman & Vice Chairmen  
**Title:** Work Item Status Sheet for R99 / GTP Evolution  
**Agenda item:** 5.2.2  
**Document for:** Decision

<b>Work Area / Item:</b>		<b>GTP Evolution</b>			
<b>Affects:</b>	<b>UE/MS:</b>	<b>CN: X</b>	<b>UTRAN: X</b>	<b>Compatibility Issues: Yes: X No:</b>	
<b>Expected Completion Date:</b>		<b>TSG CN #07, March 2000</b>			
<b>Services impacted:</b>		<b>PS Domain services, i.e. IP services.</b>			
<b>Specifications affected:</b>		<b>TS 29.060</b>			
<b>Tasks within work which are not complete:</b>		<ul style="list-style-type: none"> <li>➤ An open issue is the level of separation between GTP-U and GTP-C. Is there a need for an enhanced protocol version-negotiation procedure?</li> <li>➤ MM Context: New values for cipher algorithms. 33.102 (Security Architecture), defines 4 bits for the cipher algorithm, GTP currently has 3 bits. Other changes may be needed.</li> <li>➤ PDP Context: RAB ID needed. New QoS parameters needed.</li> <li>➤ New GTP-C message needed for hard handover – '<i>Forward SRNS context</i>'.</li> </ul>			
<b>Consequences if not included in Release 1999:</b>		<b>No PS Domain services.</b>			
<b>Accepted by TSG#</b>		<b>for late inclusion in Release 1999:</b>			

**Contentious Issues:**

An open issue is the level of separation between GTP-U and GTP-C. Is there a need for an enhanced protocol version-negotiation procedure? A drafting meeting is scheduled to reach agreement on the level of protocol version negotiation procedures (dd. 16 December 1999 – needs to be confirmed).