

**Source:** TSG RAN WG1 Chairman  
**Title:** Terms of Reference for TSG RAN WG1  
**Document for:** Decisions  
**Agenda Item:**

RAN WG1 is responsible for:

Specification of the physical layer of the radio Interface for UE and UTRAN, covering both modes of UTRAN radio interface, FDD and TDD. The work in RAN WG1 includes especially:

- Specification of physical channel structures for UE and UTRAN and mapping of the transport channels to physical channels
- Specification of the physical layer multiplexing, and channel coding and error detection
- Specification of the spreading and modulation.
- Specification of the physical layer procedures.
- Specification of the measurements made on the physical layer.

RAN WG1 is also carrying out work related to handling of the physical layer related UE capabilities.