

Views on Rel-15 NR UE features

NTT DOCOMO, INC.

- RAN is tasked to decide on whether the NR UE features are mandatory or optional
- Whether 11 UE features are mandatory/optional hasn't been yet decided.

Proposal 1: Follow WG recommendations to decide whether the features are mandatory or optional

Proposal 2: If there are no WG recommendations, decide whether the features are mandatory or optional, based on the majority views from interested companies

- **1-8: RLM based on a mix of SS block and CSI-RS signals within active BWP**
 - **Proposal:** Optional with capability signaling
- **5-27a: Dynamic rate-matching control resource set for DL**
 - **Proposal:** Mandatory with capability signaling
- **6-18: Supplemental uplink with dynamic switch**
 - **Proposal:** Optional with capability signaling

■ 2-20: Beam correspondence

- **Proposal:** Mandatory with capability signaling

■ 2-21: Periodic beam report and 2-22: Aperiodic beam report

- **Proposal:** Mandatory with UE capability signaling for both FR1 and FR2

■ 2-30: Uplink beam management

- **Proposal:** Optional with UE capability signaling

■ 2-31: Beam failure recovery

- **Proposal:** Optional with UE capability signaling

■ 2-38: CSI report without PMI

- **Proposal:** Mandatory with UE capability signaling

■ 2-51: TRS

- **Proposal:**

- » Component-4: mandatory value is 32 for FR2
- » Component-5: mandatory value is 128 for FR2

■ 2-59: Configured spatial relations

- **Proposal:** Mandatory with capability signaling. UE is mandated to report 64

■ 2-60: Active spatial relations

- **Proposal:** Mandatory with capability signaling. UE is mandated to report 8

NTT
docomo