**Proposal 1.A**: The work scope of Type-II codebook refinement for CJT mTRP includes refinement of the following codebooks:

* + Rel-16 eType-II regular codebook
  + Rel-17 FeType-II port selection (PS) codebook

FFS: Whether to prioritize/down-select from the two

**Proposal 1.B**: The work scope of Type-II codebook refinement for CJT mTRP includes the support of NTRP={1, 2} cooperating TRP(s), and potential support for NTRP={3,4} cooperating TRPs

* + FFS: Signaling of NTRP, e.g. higher-layer (RRC) vs. dynamic
  + FFS: Determination of NTRP, e.g. NW-configured vs UE-selected

**Proposal 1.C**: The work scope of Type-II codebook refinement for CJT mTRP includes the following NZP CSI-RS (CMR) setups in Resource Setting associated with Rel-18 Type-II codebook for CJT

* Opt1: 1 NZP CSI-RS resource, max # ports = 32
  + FFS: whether/how to associate TCI states and CSI-RS ports
* Opt2: *K*>1 NZP CSI-RS resources with the same number of ports (representing *K* TRPs)
  + FFS: The maximum number of ports per resource, and the total number of ports across all resources

**Proposal 1.D**: The work scope of Type-II codebook refinement for CJT mTRP includes down-selecting at least one or merging from the following codebook structures:

* Alt1A. Per-TRP (port-group or resource) SD/FD basis selection + relative co-phasing/amplitude (including WB and/or SB). Example formulation:
  + = co-amplitude and
  + = co-phase
  + Including special case of (no co-scaling)
* Alt1B. Per-TRP (port-group or resource) joint SD-FD basis selection + relative co-phasing/amplitude (including WB and/or SB). Example formulation:
  + = co-amplitude and
  + = co-phase
  + Including special case of (no co-scaling)
* Alt2. Per-TRP (port-group or resource) SD basis selection and joint (across *N* TRPs) FD basis selection. Example formulation:

**Proposal 2.A**: The work scope of Type-II codebook refinement for high/medium velocities includes refinement of the following codebooks, based on a common design framework:

* + Rel-16 eType-II regular codebook
  + Rel-17 FeType-II port selection (PS) codebook

FFS: Whether to prioritize/down-select from the two

**Proposal 2.B**: The work scope of Type-II codebook refinement for high/medium velocities includes down selection from the following codebook structures (for discussion purposes):

* Alt1. Time-domain basis,
  + Alt1A: Time-domain basis commonly selected for all SD/FD bases, e.g.
  + Alt1B: Time-domain basis independently selected for different SD/FD bases
* Alt2. Doppler-domain basis
  + Alt2A: Doppler-domain basis commonly selected for all SD/FD bases, e.g.
  + Alt2B: Doppler-domain basis independently selected for different SD/FD bases
  + Note that may be the identity as a special case
* Alt3. Reuse Rel-16/17 (F)eType-II codebook with multiple and a single and report.

**Proposal 2.C**: The work scope of Type-II codebook refinement for high/medium velocities includes down selection from the following Doppler-/time-domain basis waveforms for codebook design:

* Alt1. Orthogonal DFT (with or without rotation factor)
* Alt2. Oversampled DFT
* Alt3. Other waveforms, e.g. DCT, Slepian
* Alt4. Identity (i.e. no Doppler-/time-domain compression)

**Proposal 2.D**: The work scope of Type-II codebook refinement for high/medium velocities includes the following CSI measurement and calculation aspects:

* Potential refinement on Resource setting configuration on CSI-RS (for CSI and/or tracking) for measuring a burst of CSI-RS, including the applicable time-domain behaviors
* Whether/how UE-side or gNB-side prediction is assumed for CQI/PMI/RI calculation
* Potential enhancements on CQI definition and calculation procedure in relation to the PMI of Rel-18 Type-II codebook for high/medium velocities
* Potential enhancement on definition of CSI reference resource

**Proposal 3.A**: The work scope of TRS-based TDCP reporting focuses on the following use cases for evaluation purposes:

* Targeting medium and high UE speed, e.g. 10-120km/h as well as HST speed
* Aiding gNB to determine
  + CSI reporting configuration and CSI-RS resource configuration parameters,
  + Precoding scheme, using one of the CSI feedback based precoding schemes or an UL-SRS reciprocity based precoding scheme
* Aiding gNB-side CSI prediction

**Proposal 3.B**: The work scope of TRS-based TDCP reporting includes down selection from the following TDCP reporting formats:

* Alt1. Stand-alone reporting (no inter-dependence with other CSI/UCI parameters)
  + Note: This doesn’t preclude multiplexing with other UCI parameters (e.g. CSI, ACK, SR, …) on PUCCH/PUSCH, if applicable
* Alt2. Inter-dependent and reported with other CSI parameter(s)

**Proposal 3.C**: The work scope of TRS-based TDCP reporting includes down selection from the following TDCP parameters:

* Alt1. Doppler shift
* Alt2. Doppler spread
* Alt3. Cross-correlation in time
* Alt4. Relative Doppler shift of a number of peaks in CIR
* Alt5: CSI-RS resource and/or CSI reporting setting configuration assistance