**3GPP TSG-CT WG4 Meeting #122C4-241004**

**Changsha, P.R.China, 15th–19th April 2024**

**Source: Chair 3GPP TSG-CT WG4**

**Title: Detailed agenda & time plan for CT4 meeting, status on eve of meeting**

**Agenda item: 1**

**Document for: INFORMATION**

# Opening of the Meeting and Approval of the Agenda (9:00 UTC+8 Monday 15th April 2024)

## IPR Call

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| The attention of the delegates to the meeting of this Technical Specification Working Group is drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.  The delegates are asked to take note that they are thereby invited:  - to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.  - to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms |

## Antitrust declarations

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| I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chairman and Vice Chairman. In case of question I recommend that you contact your legal counsel.  The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. |

## Reminder for delegates attending the meeting

This meeting counts towards accrual and maintenance of voting rights.

* Please register using 3GPP portal: [3GPP Portal > Home](https://portal.3gpp.org/#/).
* Please confirm your participation by checking in by using the link provided by the tool when performing registration. Only possible after start of the meeting and before closing of the meeting.
* Meeting guidelines are provided in C4-241002

# Allocation of Documents to Agenda Items

# Meeting Reports

# Input Liaison Statements: Allocated to Agenda Items as Appropriate

# Work Item Management

## CT4 Led WIs

## CT4 Supported WIs

# Release 18

## CT4 Led WIs

### Service based Interface protocol improvements [SBIProtoc18]

### Study on IETF QUIC Transport for 5GC Service Based Interfaces [FS\_QUIC]

### Study on NRF API enhancements to avoid signalling and storing of redundant data [FS\_NRFe]

### 5GS support of NR RedCap UE with long eDRX for RRC\_INACTIVE State [NR\_REDCAP\_Ph2]

### CT aspects on Multiple location report for MT-LR Immediate Location Request for regulatory services [TEI18\_MLR]

### CT aspects of enhancement to the 5GC location services - phase 3 [5G\_eLCS\_Ph3 ]

### Enhancement of Shared Data Handling [ShDatID]

### CT Aspects of Edge Computing Phase 2 [EDGE\_Ph2]

### Enhancement of NSAC for maximum number of UEs with at least one PDU session/PDN connection [eNSAC]

### UPF enhancement for exposure and SBA [UPEAS]

### 5 MBS Phase 2 [5MBS\_PH2]

### Enhancements on Service-based support for SMS in 5GC [eSMS\_SBI]

### Study on Reducing Information Exposure over SBI [FS\_RedInfExp\_SBI]

### Study on IMS Disaster Prevention and Restoration Enhancement [FS\_IMS\_RES]

### CT aspects of home network triggered primary authentication [HN\_Auth]

### NRF API enhancements to avoid signalling and storing of redundant data [NRFe]

### CT impacts of EVS Codec Extension for Immersive Voice and Audio Services [IVAS\_Codec]

## CT4 Supported WIs

### Enhancements of UE Policy [UEP18]

### CT aspects of Enhanced support of Non-Public Networks Phase 2 [eNPN\_Ph2]

### Protocol enhancements for Mission Critical Services [MCProtoc18]

### Support for 5WWC Phase 2 [5WWC\_Ph2]

### Mission critical system migration and interconnection enhancements [eMCSMI\_Irail]

### CT aspects of proximity based services in 5GS Phase 2 [5G\_ProSe\_Ph2]

### Secondary DN authentication and authorization in EPC IWK cases [TEI18\_SDNAEPC]

### CT aspects of Seamless UE session context recovery [SUECR]

### CT aspects of General Support of IPv6 Prefix Delegation in 5GS [TEI18\_IPv6PD]

### CT aspects of 5G System with Satellite Backhaul [5GSATB]

### 5G Timing Resiliency and TSC & URLLC enhancements [TRS\_URLLC]

### Extensions to the TSC Framework to support DetNet [DetNet]

### CT aspects of 5G System Enabler for Service Function Chaining [SFC]

### CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase [ATSS\_PH3]

### Enablers for Network Automation for 5G phase 3 **[**eNA\_PH3]

### CT aspects on enhancement of network slicing phase 3 [eNS\_PH3]

### Generic group management, exposure and communication enhancements [GMEC]

### CT aspects of Next Generation Real time Communication services [NG\_RTC]

### CT Aspect of Further Architecture Enhancement for UAV and UAM Ph2 [UAS\_Ph2]

### CT aspects of Ranging based services and sidelink positioning [Ranging\_SL]

### CT aspects of System Support for AI/ML-based Services [AIMLsys]

### CT aspects of Personal IoT Network [PIN]

### CT aspects of enhancement of 5G UE Policy [eUEPO]

### CT Aspect of Architecture Enhancements for Vehicle Mounted Relays [VMR]

### CT aspects on 5G AM Policy [AMP]

### Architecture Enhancements for XR and media services [XRM]

### PLMN Selection based on Network Slice [PLMNsel\_NS]

### MPS when access to EPC/5GC is WLAN [MPS\_WLAN]

### Network Slice Capability Exposure for Application Layer Enablement [NSCALE]

## Any Other Business for Rel-18

### TEI18 [TEI18]

### Roaming5G [Roaming5G]

### AoB of Rel-18

# Release 17

## CT4 Led WIs

### Service based Interface protocol improvements [SBIProtoc17]

### BEst Practice of PFCP [BEPoP]

### Service-based support for SMS in 5GC [SMS\_SBI]

### CT aspects of Integration of GBA into SBA [GBA\_5G]

### Enhancement of Network Slicing Phase 2 [eNS\_Ph2]

### CT Aspects of 5G eEDGE [eEDGE\_5GC]

### CT aspects on Same PCF Selection for AMF and SMF [TEI17\_SPSFAS]

### Enhancement of Inter-PLMN Roaming [EoIPR]

### Restoration of PDN Connections in PGW-C/SMF S [RPCPSET]

### Start of Pause of Charging via User Plane [SPOCUP]

### Enhancement to the 5GC LoCation Services-Phase 2 [5G\_eLCS\_ph2]

### CT aspects of Support of different slices over different Non 3GPP access [TEI17\_N3SLICE]

### CT aspects of the architectural enhancements for 5G multicast-broadcast services [5MBS]

### Restoration of profiles related to UDR [ReP\_UDR]

### Enhancement on the GTP-U entity restart [EGTPUR]

### Port allocation [PortAl]

### Non-Seamless WLAN offload authentication in 5G [NSWO\_5G]

## CT4 Supported WIs

### Stage 3 of Multimedia Priority Service (MPS) Phase 2 [MPS2]

### Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode [eCPSOR\_CON]

### Authentication and key management for applications based on 3GPP credential in 5G [AKMA-CT]

### CT aspects on Dynamically Changing AM Policies in the 5GC [TEI17\_DCAMP]

### CT aspects of proximity based services in 5GS [5G\_ProSe]

### CT aspects on Dynamic Management of Group-based Event Monitoring [TEI17\_GEM]

### CT aspects of 5GC architecture for satellite networks [5GSAT\_ARCH-CT]

### CT aspects for Support of Uncrewed Aerial Systems Connectivity, Identification, and Tracking [ID\_UAS]

### CT aspects of Enabling Multi-USIM devices [MUSIM]

### CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 [ATSSS\_PH2]

### CT aspects of Enhanced support of Non-Public Networks [eNPN]

### CT aspects of enhanced support of industrial IoT [IIoT]

### Enablers for Network Automation for 5G - phase 2 [eNA\_PH2]

### System enhancement for redundant PDU session [TEI17\_SE\_RPS]

### CT Aspects of Minimisation of service Interruption [MINT]

### CT aspects of Architecture Enhancement for NR Reduced Capability Devices [ARCH\_NR\_REDCAP]

### Enhancements of 3GPP profiles for cryptographic algorithms and security protocols[eCryptP]

### CT aspects of NB-IoT/eMTC Non-Terrestrial Networks in EPS [IoT\_SAT\_ARCH\_EPS]

### EDGEAPP [EDGEAPP]

### CT4 aspects of enhancement of RAN Slicing for NR [NRslice]

## Any Other Business for Rel-17

### TEI17 [TEI17]

### AoB of Rel-17

# Release 16 and earlier

## CT4 Led WIs

### Service based Interface protocol improvements [SBIProtoc16]

### CT aspects on Enhancements to the Service-Based 5G System Architecture [5G\_eSBA]

### CT aspects of Enhancing Topology of SMF and UPF in 5G Networks [ETSUN]

### CT aspects of Enhancement to the 5GC LoCation Services [5G\_eLCS]

### CT Aspects of Media Handling for RAN Delay Budget Reporting in MTSI [E2E\_DELAY]

### User data interworking, Coexistence and Migration [UDICOM]

### CT aspects of optimisations on UE radio capability signalling [RACS]

### CT aspect of single radio voice continuity from 5GS to 3G [5G\_SRVCC]

### CT Aspects of 5G URLLC [5G\_URLLC]

### SBA interactions between IMS and 5GC [eIMS5G\_SBA]

### Load and Overload Control of 5GC Service Based Interfaces [LOLC]

### 5GS Enhanced support of OTA mechanism for configuration parameter update [5GS\_OTAF]

### CT aspects of support for integrated access and backhaul [IABARC-CT]

### Nudsf Service Based Interface [NUDSF]

### Nsoraf Service Based Interface [NSORAF]

## CT4 Supported WIs

### CT aspects on Enablers for Network Automation for 5G [eNA]

### CT aspects of Access Traffic Steering, Switch and Splitting support in 5G system [ATSSS]

### CT aspects of 5GS enhanced support of vertical and LAN services [Vertical\_LAN]

### CT aspects of Cellular IoT support and evolution for the 5G System [5G\_CIoT]

### CT aspects on enhancement of network slicing [eNS]

### CT aspects of System enhancements for Provision of Access to Restricted Local Operator Services by Unauthenticated UEs [PARLOS]

### CT aspects on wireless and wireline convergence for the 5G system architecture [5WWC]

### CT aspects of architecture enhancements for 3GPP support of advanced V2X services [eV2XARC]

### CT aspects of application layer support for V2X services [V2XAPP]

### CT aspects on Enhancement of 3GPP Northbound APIs [eNAPIs]

### CT aspects on 5G System - Phase 1 [5GS\_Ph1-CT]

## Any Other Business for Rel-16 and earlier

### TEI16, TEI15, ... [TEI16, TEI15, ...]

### AoB of Rel-16 and earlier

# Update of the Work Plan

# AOB

## Rel-19 Related Discussions

## AoB

# Future Meetings

# Check of Agreed/Approved Output Documents

# Closing of the Meeting (16:00 UTC+8 Friday 19th April 2024)

# Time Plan

|  |  |  |  |  |  |  |  |  |  |  |
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|  | **Early Morn**  **(8:00 – 9:00)** | **1Q  (9:00 – 10:30)** | **Break I** | **2Q (11:00 – 12:30)** | **Break II** | **3Q (14:00 – 15:30)** | **Break III** | **4Q (16:00 –17:30)** | **Break IV** | **Eve (18:00 – 19:30)** |
| **Monday**  **15th April 2024**  *Room:* |  | 1 Opening (9:00)  2 Allocation of TDocs  3 Reports  4 Input Liaisons (18) | **Coffee** | 4 Input Liaisons (18)  5 WIDs (4)  6.1.1 SBIProtoc18 (29) | **Lunch** | 6.1.1 SBIProtoc18 (29) | **Coffee** | 6.1.4 NR\_REDCAP\_Ph2 (2)  6.1.8 EDGE\_Ph2 (4)  6.2.11 TRS\_URLLC (2)  6.2.14 ATSSS\_PH3 (1)  6.2.21 AIMLsys (1)  6.2.26 XRM (3)  6.1.13 FS\_RedInfExp\_SBI (3) |  | 6.3.2 Roaming5G (14) |
| **Tuesday**  **16th April 2024**  *Room:* |  | 6.1.1 SBIProtoc18 (7)  6.1.4 NR\_REDCAP\_Ph2 (1)  6.1.9 eNSAC (1)  6.1.10 UPEAS (1) | **Coffee** | 6.2.16 eNS\_PH3 (17) | **Lunch** | 6.1.11 5MBS\_PH2 (8)  6.2.11 TRS\_URLLC (5) | **Coffee** | 6.1.16 NRFe (2)  6.3.1 TEI18 (14)  6.3.3 AoB (1)  8.2.11 5GS\_Ph1-CT (4) | 6.1.16 NRFe (2)  6.3.1 TEI18 (14)  6.3.3 AoB (1)  8.2.11 5GS\_Ph1-CT (4)  Close at 18:30 |
| *Room: breakout* | 6.1.14 FS\_IMS\_RES (5)  6.1.1 SBIProtoc18 (5) | 6.2.17 GMEC (1)  6.2.18 NG-RTC (9) | 6.1.6 5G\_eLCS\_Ph3 (7)  6.1.15 HN\_Auth (1)  6.2.6 5G\_ProSe\_Ph2 (1) |
| **Wednesday**  **17th April 2024**  *Room:* |  | 6.1.8 EDGE\_Ph2 (14) | **Coffee** | 6.1.8 EDGE\_Ph2 (14)  6.2.26 XRM (10) | **Lunch** | 6.3.1 TEI18 (22) | **Coffee** | 6.3.1 TEI18 (22)  8.3.1 TEI16, TEI15, … (6) | 7.1.1 SBIProtoc17 (2)  7.1.9 RPCPSET (2)  7.1.13 5MBS (2) |
| *Room: breakout* | 6.2.20 Ranging\_SL (19) | 6.2.20 Ranging\_SL (19) | 6.3.1 TEI18 (27) | 6.3.1 TEI18 (27) | 7.1.11 5G\_eLCS\_ph2 (8)  7.2.15 MINT (2)  7.2.16 ARCH\_NR\_REDCAP (2) |
| **Thursday**  **18th April 2024**  *Room:* |  | Postponed and Revised Items | **Coffee** | Postponed and Revised Items | **Lunch** | Postponed and Revised Items | **Coffee** | Postponed and Revised Items | Postponed and Revised Items |
| *Room: breakout* | Postponed and Revised Items | Postponed and Revised Items | Postponed and Revised Items |
| **Friday**  **19th April 2024**  *Room:* |  | Postponed and Revised Items | **Coffee** | Postponed and Revised Items  9 Work Plan | **Lunch** | 11 Future Meetings  12 Check of approved output documents  13 Close (17:30)  Close at 16:00 |  |  |  |

Joint sessions/ discussions: will be scheduled when required.

Please note that if we do not complete the business scheduled for a session, any untreated documents will be postponed to the evening session on Thursday or to the first sessions on Friday morning, or (if the meeting agrees) to another session. We will not roll over to the next session. If we finish early in any session with the business which is scheduled for that session, we will decide what business to handle. Do not assume that the absence of scheduled business for later in the week means that you can go home early!

Additional parallel, early morning and evening sessions will be planned when required.

All parallel sessions within TSG CT WG4 have the full rights to agree CRs (and other documents for approval) or to approve Liaison Statements. LS's can be sent from an individual session when the intention is to send the LS immediately rather than at the end of the meeting.