

# OPEN OPTICAL & PACKET TRANSPORT PROJECT GROUP

## DISAGGREGATED OPEN ROUTERS SUBGROUP CHARTER

This Subgroup Charter establishes the objectives, scope, intellectual property rights policies and agreements applicable to the Deliverables identified in this Subgroup Charter. Only Participants whose Authorised Representative executes this Subgroup Charter are permitted to participate in this subgroup in accordance with the TIP Bylaws.

**TIP Board of Directors Approval Date:** 17/05/2023

**Term:** The Subgroup shall commence on the date this Charter is approved by the Board ("**Formation Date**") and shall continue until completion and acceptance of all Deliverables by the TIP Technical Committee ("TC") and/or TIP Board of Directors, unless terminated earlier by the TIP Board of Directors.

### 1. Subgroup Name

Disaggregated Open Routers ("DOR")

### 2. Objectives

The existing Disaggregated Open Routers and Disaggregated Cell Site Gateways subgroups are going to be merged under Disaggregated Open Routers Subgroup to coordinate the efforts in a more structured and efficient way. Disaggregated Cell Site Gateways and Disaggregated Distributed Backbone Routers initiatives will continue as workstreams under the DOR subgroup. A new initiative called Disaggregated Aggregation Routers will be created as the third workstream within the DOR Subgroup.

### 3. Subgroup Scope

- i. Define Disaggregated Open Router architectures.
- ii. Define technical specifications of the open and disaggregated access, aggregation, core, and peering routers.
- iii. Evaluate the GA products in the market to see whether the products comply with the technical specifications defined.
- iv. Define the Test and Validation strategies of the open and disaggregated routers, in concert and collaboration with the TIP Test and Validation Committee.

### 4. Subgroup Deliverables

| Deliverable            | IPR Treatment           | Approval Procedures                                    |
|------------------------|-------------------------|--------------------------------------------------------|
| DDBR (P/IGW) Test Plan | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DDBR-PE TRD            | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DDBR-PE dTRD           | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DDBR-PE Test Plan      | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DAR TRD                | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DAR dTRD               | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DAR Test Plan          | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DCSG dTRD v2.0         | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |
| DCSG Test Plan v2.0    | TIP Document IPR Policy | Versions by consensus of the PG. Final approval by TC. |

## 5. For Deliverables which are Specifications\*.

\_\_ Check if the SG is developing Specifications as defined in the TIP IPR Policy. All such Specifications must be listed in the table set forth in Section 4 and the IPR Treatment must reference this Section 5.2 [***If not checked, the remainder of Section 5 should be left blank***]

### **PATENT LICENSING**

The patent license for all Contributions, Draft Specifications, and Final Specifications within this Project Group shall be:

\_\_ **RAND License Option**, as set forth in Section 5.2.1 of the Telecom Infra Project IPR Policy.

\_\_ **Royalty-free License Option**, as set forth in Section 5.2.2 of the Telecom Infra Project IPR Policy.

### **FINAL SPECIFICATION COPYRIGHT LICENSING**

Each SG Contributor as defined in the TIP IPR Policy agrees that to the extent that its Contributions are incorporated into the Final Specification it hereby grants TIP a copyright license in its included Contributions to release those included Contributions as incorporated into the Final Specification under the terms indicated below.

**[Check one box]**

\_\_ **Option 1 as set forth in the TIP Supplemental Copyright Policy.**

\_\_ **Option 2 as set forth in the TIP Supplemental Copyright Policy.**

\_\_ **Creative Commons Copyright Attribution 4.** See <http://creativecommons.org/licenses/by/4.0/legalcode>.

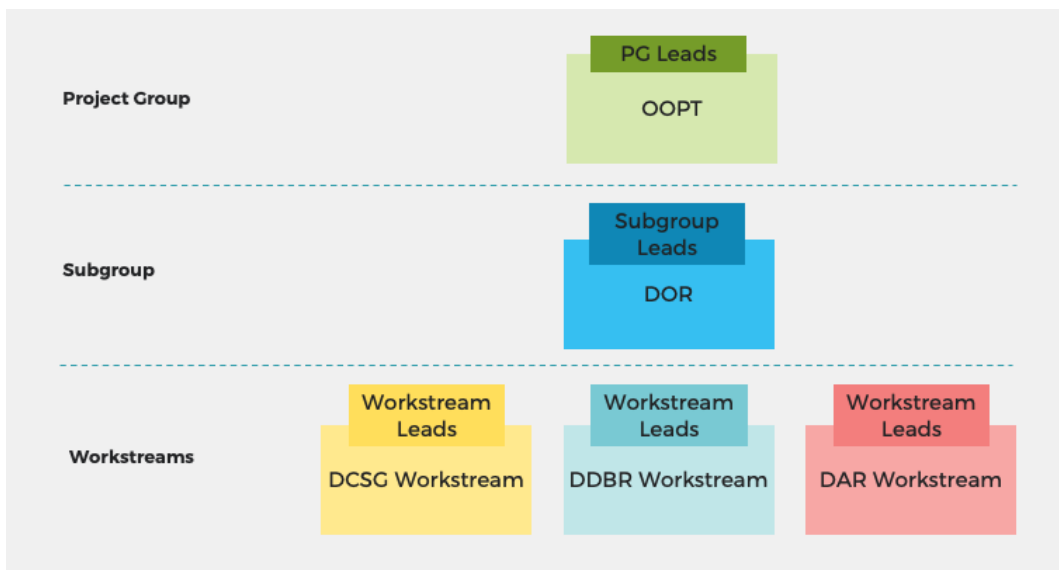
\_\_ **Full Release of Copyright into the public domain.**

\* THIS SECTION 5 IS NOT APPLICABLE FOR ANY OTHER TYPE OF DELIVERABLE

## 6. Subgroup Leadership

- i. Kenji Kumaki, KDDI
- ii. Eva Rossi, Vodafone
- iii. Diego Mari Moreton, Meta
- iv. TBD (Co-lead, DAR Workstream)
- v. TBD (Co-lead, DAR Workstream)

## ***Subgroup Structure***



## ***Subgroup Organisation***

- i. The DOR subgroup will consist of DCSG, DDBR and DAR workstreams.
- ii. The workstream leads will be selected for 3 months on a rotational basis.
- iii. There will be one primary and one backup workstream lead from the same subgroup member for a 3-month period.
- iv. Workstream leads will be responsible for the organisation of the periodic calls, coordination with the other workstreams and the Subgroup leads.

## **7. PARTICIPATION CRITERIA**

Eligible to Sponsors and General Participants who have elected to be Full Participants and are in good standing. They also meet the following eligibility criteria.

- i. That they are actively participating in group meetings.
- ii. Provide support for field trials and/or deployments.
- iii. Service providers agree to participate/host field trials.

## **8. Charter Updates:**

This Subgroup Charter will be updated to reflect any changes as set forth in the Subgroup Charter Revision Policy which may be accessed at [https://cdn.brandfolder.io/D8DI15S7/as/q7rnyo-fv487k-2j33tl/Project\\_Group\\_Charter\\_Revision\\_Policy\\_-\\_Telecom\\_Infra\\_Project.pdf](https://cdn.brandfolder.io/D8DI15S7/as/q7rnyo-fv487k-2j33tl/Project_Group_Charter_Revision_Policy_-_Telecom_Infra_Project.pdf).

## **9. Collaboration and Cooperation:**

- i. Fixed Broadband PG