

O-RAN SC Technical Oversight Committee (TOC)

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Technical Charter for O-RAN Software Community

TOC Voting Members

Company	Name	Alternate
AT&T	David Kinsey Co-Chair	
China Mobile	Jinri Huang Co-Chair	James Li
Deutsche Telekom	Jakub Nový	
Ericsson	John-Paul Lane	John Keeney
NTT DOCOMO	Masahiro Fujii	Minami Ishii
Nokia	Arunkumar Halebid	Abdulwahid
Orange	Julien Boudani	
Radisys	Ganesh Shenbagaraman	Ankit Barve
TIM	Andrea Buldorini	
Wind River	Jackie Huang	Jon Zhang
Viavi Solutions	Ultan Kelly	Baruch Friedman
Samsung	Avinash Bhat	Peter Moonki Hong

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

TOC Meeting Info

Technical Oversight Committee meetings are open to the public [changed as of 5/5/2022] and no longer on Wednesdays at 8 AM Eastern Time USA. [World Time Zone Map](#)

We meet on Thursdays, at 9am EST. [Time Zone Map](#)

Zoom 2 Info:

- Join from PC, Mac, Linux, iOS, or Android: <https://zoom.us/j/7562808472>
- Or Telephone: Dial (for higher quality, dial a number based on your current location)
 - 855 880 1246 (Toll Free), 877 369 0926 (Toll Free)
 - Meeting ID: **7562808472**
 - International numbers available: <https://zoom.us/u/avfEhZhiB>

City	Time	Zoom/Audio Bridge
	9 AM Eastern Time USA. World Time Zone Map	https://zoom.us/j/7562808472
New York (EST / UTC-5)	9 AM Eastern Time USA. World Time Zone Map	+1 669 900 6833, +1 646 558 8656, 855 880 1246 (Toll Free), 877 369 0926 (Toll Free), Meeting ID: 756 280 8472
Paris (CET / UTC+1)	9 AM Eastern Time USA. World Time Zone Map	+33 7 5678 4048, +33 1 8288 0188, 805 082 588 (Toll Free), Meeting ID: 756 280 8472
Beijing (CST / UTC+8)	9 AM Eastern Time USA. World Time Zone Map	+86 10 87833177, +86 10 53876330, 400 616 8835 (Toll Free), 400 669 9381 (Toll Free), Meeting ID: 756 280 8472
Tokyo (JST / UTC+9)	9 AM Eastern Time USA. World Time Zone Map	+81 524 564 439, +81 3 4578 1488, 0 800 100 5040 (Toll Free), Meeting ID: 756 280 8472
Helsinki (EET / UTC+2)	9 AM Eastern Time USA. World Time Zone Map	+358 341092129, Meeting ID: 756 280 8472

TOC Documents repository

[TOC Documents](#)

2024 03 21

Recording

Meeting Recording: [LinkLink](#)

Agenda

- Call for scribe (minutes owner): Masahiro Fujii (NTT DOCOMO)
- Previous scribe: 2024 => March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový			
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid		Abdulwahid	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

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1. Review and Agree to Minutes of Previous Meeting
 - a. **Decision:** Minutes approval for last TOC meeting 2024-03-07 : Motion proposed Avinash by and seconded Julien by motion was approved without objection.
 2. Review of Today's Agenda
 - a. ONE summit
 - b. POWDER
 - c. Project report
 3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
 - a. **01-04:** No New Items this week
 - b. **01-11:** Update from Nephio on integration activity: [Sagar Arora](#)
 - c. **01-11:** Update on candidates for ODULOW PTL
 - d. **03-07:** No New Items this week
 4. Release Votes (checklist) and Approval
 - a. AP Review
 - b. **02-01:** Maintenance Release set for next week TOC 08 Feb 2024
 - c. **03-21:** [Irfan Ghauri](#) presented the potential changes of the release regarding the gha-migration topic, which had revised super comitters ([LINK](#)). These changes are approved: Motion proposed David was approved without objection.
 5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
 - i. OSFG discussions [Jinri Huang](#)
 1. O-RAN SCCL enforcement:
 - a. **02-01:** WG10 working on process definition for ORAN. 3 activates planned for F2F - developing the process together with OSFG (outline, what are the steps, responsibilities; not necessarily the document itself), informing WGs about the changes, presenting to TSC.
 2. Collaboration with OAI (lab interconnection) and Nephio
 - a. **02-01:** [Sagar Arora](#): in the SMO call this week, presentation about NF orchestration using SMO shown. AP [Seshu Kumar Mudiganti](#) to upload the ppt to the TOC documents.
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 3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint [Tracy Van Brakle](#).
 4. Upcoming F2F meeting
 - **02-15:** OSFG agenda presented, for more info refer to O-RAN wiki.
 - **02-15:** OSC agenda is at [2024-02 O-RAN F2F Athens - Events - Confluence \(o-ran-sc.org\)](#)
 5. Other
 - a. **03-07:** The draft of OSC and POWDER joint news quotes for review. The contents should be gone through the O-RAN agenda before TSC. [James Li](#) will double-check intention of the news, and [Tracy Van Brakle](#) will check it with PR point of view.
 - b. **03-14:** Regarding POWDER, [James Li](#) mentioned about the situation of going through process. The process has been started and feedback is being collected,
 - c. **03-21:** Regarding POWDER, [James Li](#) mentioned that the process is still on reviewing of OSC.
6. ,Standing/old business
 - a. OSC Lab
 - i. **02-01:** East cost lab still down, Bedminster may stay down and we may move to Rutgers in New Jersey. [David Kinsey](#) working on that, alignment calls planned.
 - ii. **03-14:** OSC Taiwan Lab Update
 1. O DU High "J" release status has been presented by [Ankit Barve](#). Discussions were held on about nFAP and the status of debugging issues.
 - b. Release Planning: Weekly TOC Scheduling [Sridhar Rao](#)
 - i. **02-01:** PLTs to fill the project goals/features for J Release which could be presented during F2F.

- ii. **02-08:** [Rittwik Jana](#) highlights for J release (except O-DU low) are finalized
- c. **Project reports (by features)** (Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)
 - Lab updates, [Jian Li](#)
 - **03-21:** Bimo NTUST presented situation of OSC ODU integration with TM500 RUSIM. The status is pending since O-DU had a issue on static compression mode while RUSIM does not support uncompressed or dynamic compression mode. There was a discussion about the need to integrate the latest software.
 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#)
 - Onboarding and Orchestration - [Seshu Kumar Mudiganti](#)
 - RIC Platform Enhancements - [Thoralf Czichy](#)
 - Energy Savings - [Alex Stancu](#)
 - **02-01:** Energy savings dataset from Viavi - it is acceptable to encrypt it and let Viavi control the password. Process to request the dataset/password to be sorted. Help from [Alex Stancu](#) needed.
- Near RT RIC PTL
 - **02-15:** Abdulwahid (Wahid) introduced himself as a candidate for new RT-RIC PTL role. [David Kinsey](#) asked Wahid to stand in the role of PTL during the official process. Vote day will be 29.2.
 - **02-29:** No other candidate besides Abdulwahid. Motion proposed by [Jinri Huang](#) and seconded by [Julien Boudani](#) , motion was approved without objection.

7. Any Other Business (AoB)

- [Balaji Varadaraju N.K. Shankaranarayanan](#) Possible confusion with link used to join (Message: "Host has not started the meeting")
 - make sure to use the correct Zoom Link: <https://zoom.us/j/6540568082>
 - (Old link is still shown Group Email Notification)
 - **01-11:** Modify Calendar Permissions TOC/RSAC bridges; Hostcode distribution
- **02-01:** info.yaml updated with Near-RIC committer changes over last week. No action needed.
- **02-15:** Thank you, [Thoralf Czichy](#) , for all your contributions as PTL!
- **02-15:** Deutsche Telekom TOC alternate representative removed.
- One Summit
 - **02-15:** One Summit: Half-day workshop "OpenGovCon: 6G Innovation Day" focusing on future RAN planned on Apr 29, 30 and May 1st at San Jose, [Sridhar Rao](#) will share more info and promote O-RAN OSC at booth there. Support from other TOC members requested.
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 - **02-29:** We need to ensure speakers. [David Kinsey](#) will reach to [Irfan Ghauri](#) to discuss if he can support this.
 - **02-29:** [Sridhar Rao](#) - the latest date to have the speakers list is 20.3. to have time for marketing.
 - **02-29:** we need to be sure that we can collect speakers and topics for 1/2 day agenda.
- OSC half-day workshop (co-located with ONE SUMMIT)
 - **03-07:** [Irfan Ghauri](#) presents tentative plan of the workshop. Potential title of workshop, programs, speakers have been discussed. [David Kinsey](#) will send out email to discuss further.
 - **03-14:** Potential programs and speakers have been discussed. The title and subtitle of workshop was approved as "Accelerating the Open and Smart RAN, (subtitle) Open source enablers for the O-RAN Reference Design" : Motion proposed [David](#) was approved without objection.
 - **03-07:** [Irfan Ghauri](#) mentioned the state of preparation for the workshop. Some speakers will be confirmed by next week. Speakers were required to upload bios and pictures.
- Super committer permission
 - **02-29:** announcement from release engineering about need to implement the super committer permissions.
 - **02-29:** needed because of the shift from Jenkins to Gitlab Actions. Permission needed for testing in production.
 - **02-29:** [John Keeney](#) supports the idea. No strong pushback from any other PTLs.
 - **02-29:** Jessica Gonzalez will prepare a proposal for next TSC, we need 2 people release engineering team + 2 from the community. [John Keeney](#) and [Martin Skorupski](#) volunteer.
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- CVE
 - **03-07:** How to handle CVEs in O-RAN SC have been discussed. [David Kinsey](#) concerns to record vulnerabilities in a public database and mentioned about security requirements. Revisit in the next call.
 - **03-14:** [David Kinsey](#) mentioned about discussions of the security requirement
- Contacts
 - **03-14:** NOKIA alternate contact changed: [Thoralf Czichy](#) [Abdulwahid](#)

8. Meeting Summary and Closure

- **Next Meeting 2024/03/28.**

2024 03 14

Recording

Meeting Recording: [Link](#)

Agenda

- Call for scribe (minutes owner): Masahiro Fujii (NTT DOCOMO)
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8. Meeting Summary and Closure

- **03-14:** NOKIA alternate contact changed: Thoralf Czichy Abdulwahid
- **03-14:** The title of OSC half-day workshop (co-located with ONE SUMMIT) was approved.
- **Next Meeting 2024/03/21.**

2024 03 07

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Agenda

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Note: **03-07**: Abdulwahid standing in for Nokia.

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4. Release Votes (checklist) and Approval
 - a. AP Review
 - i. **11-09**: Review AP: **11-02**: AP: Jinri to work with Jackie to refine the table template.
 1. [Jinri Huang](#) No update this week. Will continue
 2. **03-07**: The table "Features Implemented Mapping to O-RAN Spec by Project" has implemented in the Release Page. The table will be updated and reviewed. **This AP is closed.**
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 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#)
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 - Energy Savings - [Alex Stancu](#)
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7. Any Other Business (AoB)

- [Balaji Varadaraju](#) [N.K. Shankaranarayanan](#) Possible confusion with link used to join (Message: "Host has not started the meeting")
 - make sure to use the correct Zoom Link: <https://zoom.us/j/6540568082>
 - (Old link is still shown Group Email Notification)
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- **02-01:** info.yaml updated with Near-RIC committer changes over last week. No action needed.
- **02-15:** Thank you, [Thoralf Czichy](#), for all your contributions as PTL!
- **02-15:** Deutsche Telekom TOC alternate representative removed.
- One Summit
 - **02-15:** One Summit: Half-day workshop "OpenGovCon: 6G Innovation Day" focusing on future RAN planned on Apr 29, 30 and May 1st at San Jose, [Sridhar Rao](#) will share more info and promote O-RAN OSC at booth there. Support from other TOC members requested.
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 - **02-29:** [John Keeney](#) supports the idea. No strong pushback from any other PTLs.
 - **02-29:** Jessica Gonzalez will prepare a proposal for next TSC, we need 2 people release engineering team + 2 from the community. [John Keeney](#) and [Martin Skorupski](#) volunteer.
 - **03-07:** Jessica and Matthew from LF, and John and Martin from OSC have been approved as super committers ([Link](#)) : Motion proposed David by and seconded Julien by motion was approved without objection.
- OSC half-day workshop (co-located with ONE SUMMIT)
 - **03-07:** [Irfan Ghauri](#) presents tentative plan of the workshop. Potential title of workshop, programs, speakers have been discussed. [David Kinsey](#) will send out email to discuss further.
- CVE
 - **03-07:** How to handle CVEs in O-RAN SC have been discussed. [David Kinsey](#) concerns to record vulnerabilities in a public database and mentioned about security requirements. Revisit in the next call.

8. Meeting Summary and Closure

- **03-07:** 4 super committers are approved
- **03-07:** Revisit CVE issues in the next meeting.
- **Next Meeting 2024/03/14.**

2024 02 29

Recording

Meeting Recording: [Link](#)

Agenda

- Call for scribe (minutes owner): Jakub Nový (DT)
- Previous scribe: 2024 => March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
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China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový	X		
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid			
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

Note: **02-29**: Abdulwahid standing in for Nokia.

1. Review and Agree to Minutes of Previous Meeting
 - a. **02-29**: postponed for next week, pending approvals for 29.2. and 15.2.
2. Review of Today's Agenda
 - a. Confirmation of new PTL
 - b. ONE summit
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
 - a. **01-04**: No New Items this week
 - b. **01-11**: Update from Nephio on integration activity: [Sagar Arora](#)
 - c. **01-11**: Update on candidates for ODULOW PTL
4. Release Votes (checklist) and Approval
 - a. AP Review
 - i. **11-09**: Review AP: **11-02**: AP: Jinri to work with Jackie to refine the table template.
 1. [Jinri Huang](#) No update this week. Will continue
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 - 1. Specify the proper procedure to safeguard the "Viavi" data set (possible solutions : Server in a lab or in a repository)!
 - 2. Action Item : [Ultan Kelly](#) to check with peers and come back with recommendations to the RSAC
 - v. **02-01:** PTLs to fill the project goals/features for J Release which could be presented during F2F.
 - vi. **02-08:** [Rittwik Jana](#) highlights for J release (except O-DU low) are finalized

- c. **Project reports (by features)** (Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

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8. Meeting Summary and Closure

- **01-11:** Nephio O-RAN Integration Status
- **01-11:** Candidates for ODULOW PTL
 - Nomination of Peng LU as a PTL (Motion proposed by David and seconded by Jinri. Motion was approved without objection)
- **01-11:** OSC Taiwan Lab status (OSC O-DU Integration, CI/CD Testing and Integration, Energy Saving),
- **01-18:** Athenes F2F meeting Agenda
- **01-18:** Features for release J
- **01-25:** Topics for the F2F meeting (OSFG session)
- **01-25:** OSC Taiwan Lab update
- **Next Meeting 2024/03/07.**

2024 02 22 - Meeting skipped

Due to the concurrent O-RAN F2F meeting, the meeting was cancelled. Quorum was not checked and thus not reached.

[Sridhar Rao](#) shortly presented the ONE summit, more details can be found at <https://lfnetworking.org/event/one-summit-2024/> or <https://events.linuxfoundation.org/one-summit-north-america/>.

2024 02 15

Recording

Meeting Recording: [Link](#)

Agenda

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Note: **02-15:** [Seshu Kumar Mudiganti](#) standing in for Wind River today.

- Review and Agree to Minutes of Previous Meeting
 - Decision:** Minutes approval for last TOC meeting 2024-02-01 : Motion proposed Jakub by and seconded Seshu by motion was approved without objection.
 - Decision:** Minutes approval for last TOC meeting 2024-02-08 : Motion proposed Jakub by and seconded Seshu by motion was approved without objection.
- Review of Today's Agenda
 - Call shortened because the co-chairs were not present
 - [Thoralf Czichy](#) will step down from OSC near-RT RIC position, call for new PTL open. [Link](#)
 - One summit planned, OSC speaker would be welcomed. [Sridhar Rao](#) will share info over the mail.
- New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
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 - 01-11:** Update on candidates for ODULOW PTL
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7. Any Other Business (AoB)

- [Balaji Varadaraju N.K. Shankaranarayanan](#) Possible confusion with link used to join (Message: "Host has not started the meeting")
 - make sure to use the correct Zoom Link: <https://zoom.us/j/6540568082>
 - (Old link is still shown Group Email Notification)
 - **01-11:** Modify Calendar Permissions TOC/RSAC bridges; Hostcode distribution
- **02-01:** info.yaml updated with Near-RIC committer changes over last week. No action needed.
- **02-15:** Abdulwahid (Wahid) introduced himself as a candidate for new RT-RIC PTL role. [David Kinsey](#) asked Wahid to stand in the role of PTL during the official process. Vote day will be 29.2.
- **02-15:** One Summit: Half-day workshop "OpenGovCon: 6G Innovation Day" focusing on future RAN planned on Apr 29, 30 and May 1st at San Jose, [Sridhar Rao](#) will share more info and promote O-RAN OSC at booth there. Support from other TOC members requested.
- **02-15:** Thank you, [Thoralf Czichy](#), for all your contributions as PTL!
- **02-15:** Deutsche Telekom TOC alternate representative removed.

8. Meeting Summary and Closure

- **01-11:** Nephio O-RAN Integration Status
- **01-11:** Candidates for ODULOW PTL
 - Nomination of Peng LU as a PTL (Motion proposed by David and seconded by Jinri. Motion was approved without objection)
- **01-11:** OSC Taiwan Lab status (OSC O-DU Integration, CI/CD Testing and Integration, Energy Saving),
- **01-18:** Athenes F2F meeting Agenda
- **01-18:** Features for release J
- **01-25:** Topics for the F2F meeting (OSFG session)
- **01-25:** OSC Taiwan Lab update
- **Next Meeting 2024/02/22.**

2024 02 08

Recording

Meeting Recording: [Link](#)

Agenda

- Call for scribe (minutes owner): Jakub Nový (DT)
- Previous scribe: 2024 => February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi
September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový	X		
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman		Ankit Barve	X
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang		Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
 - a. Meeting minutes approval postponed until next time
2. Review of Today's Agenda
 - a. Call shortened because the co-chairs were not present
 - b. Thoralf Czichy will step down from OSC near-RT RIC position, call for new PTL open. [Link](#)
 - c. One summit planned, OSC speaker would be welcomed. [Sridhar Rao](#) will share info over the mail.
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
 - a. **01-04**: No New Items this week
 - b. **01-11**: Update from Nephio on integration activity: [Sagar Arora](#)
 - c. **01-11**: Update on candidates for ODULOW PTL
 - d. **02-01**: info.yaml updated with Near-RIC committer changes over last week. No action needed.
4. Release Votes ([checklist](#)) and Approval
 - a. AP Review
 - i. **11-09**: Review AP: **11-02**: AP: Jinri to work with Jackie to refine the table template.
 1. [Jinri Huang](#) No update this week. Will continue
 - b. **01-04**: [Sridhar Rao](#) have updated the release checklist. The doc projects is now tagged. The websites are updated too, also the the O-RAN Wiki page, and the O-RAN org page.
 - c. **02-01**: Maintenance Release set for next week TOC 08 Feb 2024
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 - ii. A summary is suitable to be presented to the TOC
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 - Registration link
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6. Other

6. Standing/old business

a. OSC Lab

- i. **01-11:** OSC Taiwan Lab Update
- ii. **01-11:** Lab Tool Update
 - 1. Funding did not occur. It's risky and we may not get those tools.
- iii. **01-25:** OSC Taiwan Lab Update [Ray-Guang Cheng Ankit Barve](#)
 - 1. O DU High and O DU Low reworking together again and the next step is to connect O DU low back up to the TM500
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b. Release Planning: Weekly TOC Scheduling Sridhar Rao

- i. 12-07: [Sridhar Rao](#) From the I release checklist page, only 5 projects NONRTRIC, RICPLT, ODUHIGH*, INF, AIMLFW completed the committed features. Need all PTLs to work and complete by next Thursday for release vote. For the "Release documentation for Blog/Article on Release" item will have a dedicated marketing person to update the wiki and generate a PR for I release. [Ankit Barve](#) how about "Features Implemented Mapping to O-RAN Spec by Project" table for I release? [David Kinsey](#) It might be kept at the project level for each PTL to fill in the details of the O-RAN specs impacting features. [Ankit Barve](#) Propose to add as a last section to the project.
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2024 02 01

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 - Decision:** Minutes approval for last TOC meeting 2024-01-25 : Motion proposed Julien by and seconded Jinri by motion was approved without objection.
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2024 01 25

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1. Review and Agree to Minutes of Previous Meeting

- Decision:** Minutes approval for last TOC meeting 2024-01-11 : Motion proposed by Julien and seconded by Ankit motion was approved without objection.

2. Review of Today's Agenda

- Walk Ons? No new items added

3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items

- 12-07: No New Items this week
- 12-07: OAI Roadmap 12-14
- 12-14: OAI Vision presented by Irfan and Ganesh.
- 12-14: Luis nominates Peng Lu from Intel to take the O-DU Low Phy PTL role as he will be retiring from Intel effective January 5, 2024. [link](#)
- 01-04: No New Items this week
- 01-11**: Update from Nephio on integration activity: [Sagar Arora](#)

- g. **01-11:** Update on candidates for ODULOW PTL
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 - 2. **01-25:** OSFG contributor co-chair
 - a. **Irfan Ghauri** recently got elected
 - 3. Collaboration with OAI (lab interconnection) and Nephio
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 - **01-18:** Athens from Feb 19 to 23
 - Registration link
 - <https://oranalliance.atlassian.net/wiki/spaces/OAH/pages/3035300766/Registration+to+the+F2F+Meetings+February+19-23+2024+Athens>
 - Will ask for 4 sessions (**David Kinsey**)
 - 2 sessions for O-RAN / OAI Demos
 - One slot for Energy Savings (MVP-C ES)
 - One slot for AI/ML in OSC (MVP-C AI/ML)
 - One slot for TOC/RSAC : Release I highlights, Release J Features (WG1, WG2, WG6, WG3, WG5)
 - Creation of 2024 F2F pages (**David Kinsey**)
 - **01-25:** The bridge for the F2F sessions is the same as the toc bridge
 - Few items to be discussed at the F2F (during OSFG Sessions)
 - a. Blueprint wireless topic. White paper topic about open source reference design architecture.
 - b. Topic from Qualcomm : OAI code Project Charter.
 - c. Collaboration between CU DUs of OAI and OSC.
 - d. Nephio Topic
 - **01-25:** **Irfan Ghauri** Topics for the F2F meeting (OSFG session)
 - Blueprint wireless topic. White paper topic about open source reference design architecture.
 - Topic from Qualcomm : OAI code Project Charter.
 - Collaboration between CU DUs of OAI and OSC.
 - Nephio Topic : Started working on the xApps use case (not in the RIC use case) => to be shared next week **Sagar Arora**
- 6. Other
- 6. Standing/old business

- a. **OSC Lab**
 - i. **01-11:** OSC Taiwan Lab Update
 - ii. **01-11:** Lab Tool Update
 - 1. Funding did not occur. It's risky and we may not get those tools.
 - iii. **01-25:** OSC Taiwan Lab Update [Ray-Guang Cheng Ankit Barve](#)
 - 1. O DU High and O DU Low reworking together again and the next step is to connect O DU low back up to the TM500
 - 2. Licensing issues (TM500) to be resolved by VIAVI
 - iv. **01-25:** Progress : to get a Sandbox in Windriver
 - 1. To move from Bedminster to there : our fronthall gateway and our Grand Master Clock
- b. **Release Planning:** Weekly TOC Scheduling [Sridhar Rao](#)
 - i. 12-07: [Sridhar Rao](#) From the I release checklist page, only 5 projects NONRTRIC, RICPLT, ODUHIGH*, INF, AIMLFW completed the committed features. Need all PTLs to work and complete by next Thursday for release vote. For the "Release documentation for Blog/Article on Release" item will have a dedicated marketing person to update the wiki and generate a PR for I release. [Ankit Barve](#) how about "Features Implemented Mapping to O-RAN Spec by Project" table for I release? [David Kinsey](#) It might be kept at the project level for each PTL to fill in the details of the O-RAN specs impacting features. [Ankit Barve](#) Propose to add as a last section to the project.
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 - 2. Looking at trying to get an O-DU high / O-DU low instance that is continuously up. Therefore, we would move to continuous integration and test model. So, that new releases of the software would be tested by updating the existing version.
 - iv. **01-25:** RSAC issue with the web page
 - 1. Specify the proper procedure to safeguard the "Viavi" data set (possible solutions : Server in a lab or in a repository)!
 - 2. Action Item : [Ultan Kelly](#) to check with peers and come back with recommendations to the RSAC
- c. **Project reports (by features)** (Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)
 - Lab updates, [Jian Li](#)
 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#)
 - Onboarding and Orchestration - [Seshu Kumar Mudiganti](#)
 - RIC Platform Enhancements - [Thoralf Czichy](#)
 - Energy Savings - [Alex Stancu](#)
 - **01-25:** the list of project reports needs to be updated (with the start of our sprint in February)

7. Any Other Business (AoB)

- [Balaji Varadaraju N.K. Shankaranarayanan](#) Possible confusion with link used to join (Message: "Host has not started the meeting")
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- **01-18:** Athenes F2F meeting Agenda
- **01-18:** Features for release J
- **01-25:** Topics for the F2F meeting (OSFG session)
- **01-25:** OSC Taiwan Lab update
- **Next Meeting 02/01/24.**

2024 01 18

Recording

Meeting Recording: [LINK](#)

Agenda

- Call for scribe (minutes owner): Julien Boudani (Orange) (18/01 from recording)
- Previous scribe: 2024 => January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
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Deutsche Telekom	Jakub Nový		Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani	X		
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TIM	Andrea Buldorini	X		
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 - d. 12-14: Luis nominates Peng Lu from Intel to take the O-DU Low Phy PTL role as he will be retiring from Intel effective January 5, 2024. [link](#)
 - e. 01-04: No New Items this week
 - f. **01-11:** Update from Nephio on integration activity: [Sagar Arora](#)
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2024 01 11

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Agenda

- Call for scribe (minutes owner): Julien Boudani (Orange) (04/01 from recording)
- Previous scribe: 2024 => January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair			
China Mobile	Jinri Huang Co-Chair	X	James Li	X
Deutsche Telekom	Jakub Nový	X	Ondej Hudousek	
Ericsson	John-Paul Lane		John Keeney	
NTT DOCOMO	Masahiro Fujii		Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	X
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang		Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
 - a. **Decision:** Minutes approval for last TOC meeting 2023-12-21 : Motion proposed by Julien and seconded by Avinash, motion was approved without objection.
2. Review of Today's Agenda
 - a. Walk Ons? No new items added
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
 - a. 12-07: No New Items this week
 - b. 12-07: OAI Roadmap 12-14
 - c. 12-14: OAI Vision presented by Irfan and Ganesh.
 - d. 12-14: Luis nominates Peng Lu from Intel to take the O-DU Low Phy PTL role as he will be retiring from Intel effective January 5, 2024. [link](#)
 - e. 01-04: No New Items this week
4. Release Votes ([checklist](#)) and Approval
 - a. AP Review
 - i. 11-02: The f2f meeting recording was put on the wiki. See here: [2023-10 O-RAN F2F Phoenix](#)
 - ii. 11-09: **Review AP:** 11-02: AP: [Jinri Huang](#) to reach O-RAN office to discuss the joint PR draft
 1. [Jinri Huang](#) From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
 - a. [Jinri Huang](#) O-RAN can promote the PR if issued through OAI channel & Add links to it
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 - a. 11-09 **AP Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
 3. **12-14 David Kinsey Irfan Ghauri** Action Item is complete
 - iii. 11-09: **Review AP:** 11-02: AP: Jinri to work with Jackie to refine the table template.
 1. [Jinri Huang](#) No update this week. Will continue
 - b. 11-30: [David Kinsey](#) Nothing pending.
 - c. 12-07: [David Kinsey](#) Nothing pending.
 - d. 12-14: Motion from Thoralf to approve the release with the condition that the three outstanding projects, which the PTL were not represented (RICAPP, SMO, DOC) would close their project activities by 12/21. Seconded by John-Paul. Motion was Approved
 - e. **12-21:** Release Review, Conditions were met so 12-14 vote is confirmed.
 - f. **01-04:** [Sridhar Rao](#) have updated the release checklist. The doc projects is now tagged. The websites are updated too, also the the O-RAN Wiki page, and the O-RAN Org page.
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
 - i. OSFG discussions [Jinri Huang](#)
 1. O-RAN SCCL enforcement:
 - a. 11-02: Jakub: currently handled in WG10 tooling team; 2 main topics: SCCL itself, should be included in the code artifact, 2nd is the repository to make the file public; in progress, some brainstorming, nothing for OSC to use directly; WG10 to generate the requirements; take to other WG, OFFICE, or OCOP, working on the design part of the thing; more difficult than expected;
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 - a. Joint Workshop: <https://openairinterface.org/joint-osc-oai-workshop-end-to-end-open-source-reference-designs-for-o-ran/>
 - i. 11-02: the joint workshop, full and good agenda. Plus, OAI has good relationship with SRSRAN;

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 - v. 11-16: [Tracy Van Brakle](#) There is an opportunity for teams to present demo proposals at the upcoming North America O-RAN plugfest readout on Nov 29th. Tracy will post further information to the public mailing list.
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 - x. 12-07: [Irfan Ghauri](#) The document that I prepared basically was co-signed by Ganesh and I'd like permission from Ganesh to be able to present. [David Kinsey](#) we'll put it on for next week.
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3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint [Tracy Van Brakle](#).
- a. 11-09: [Tracy Van Brakle](#): Draft of First version - aiming for Release 0 at end of year.
 - i. Link for those who can access O-RAN Wiki: <https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda>
 - b. 11-30: [Tracy Van Brakle](#) Meeting planned for December 14th to review the roadmap with O-RAN Alliance TSC co-chairs. OSFG meeting Monday 4th will review (5am PT).
 - c. 11-30: [Tracy Van Brakle](#) Need blueprint status, technical issues and roadmap as input to the TSC co-chair meeting.
 - d. 11-30: [Jinri Huang](#) Plans to approach Jindrich Brett in O-RAN Alliance to confirm process for voting on a vendor co-chair for OSFG
 - e. 12-07: [Tracy Van Brakle](#) The roadmap of the blueprint is in the form of a white paper and it's a drafty draft on OSFG contribution page. [David Kinsey](#) where's O-Cloud in this phase 1 (early iteration)? Nephio is just an enabler. We need O-Cloud to interconnect our labs. [Tracy Van Brakle](#) For the road map, introduce O-Cloud as a starting point, 4th quarter 2023; and then Cloudify O-Cloud, 2nd quarter 2024 (deployment by the SMO using O2 interface). [David Kinsey](#) when should we be targeting a demonstration with an OAI network function, using an OSC SMO to deploy it with Nephio enablers? 3 roadmaps (OSC, OAI, Nephio) have to be aligned. Saw demo at the workshop that use SMO + Near RT RIC + xApp on A1 to make policy change for DU bandwidth. So something is there but needs to be more generalized. Bala from Red Hat indicates that Nephio is creating their user stories and priorities for the R3 release (starting early 2024 towards the middle of 2024), and O2 IMS is one of them. [Tracy Van Brakle](#) Doug and I will see where srsRAN might fit in, and when if they do. srsRAN expressed their interest to participate.
4. Other
- a. 11-09: Mix up with times for this week's OSFG meeting. Calendar has now been updated to 7AM EST ([Jinri Huang](#)).
 - b. 12-07: [David Kinsey](#) need to work out the scribe. [Jinri Huang](#) will do 12/7, and [David Kinsey](#) can do 12/14. May need one for 12/21. [Julien Boudani](#) can do January 2024, starting from 1/4.

a. OSC Lab

- i. 11-09: **Tracy Van Brakle** Looking forward to discussions in Boston of having OSC labs working for upcoming plugfest, but also for experimentation & demos
 1. See also links from OSFG last week. For those who can access O-RAN Wiki: <https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda>
- ii. 11-30: **David Kinsey** Bedminster lab remains down. Considering consolidation into a different AT&T lab, in a different location (still NJ), which is more aligned with OSC work. Access processes should be similar to current access process. **AP** on **David Kinsey** and **Tracy Van Brakle** to review and revert.
- iii. 11-30: **David Kinsey** proposals for lab contract to be reviewed within AT&T. Work is ongoing and progress is being made. Next two weeks are critical in order to get funding from O-RAN Alliance and finalise lab plans.

b. Release Planning: Weekly TOC Scheduling **Sridhar Rao**

- i. 11-02: Mapping b/w OSC project work and WG spec. work discussed. There is a table for this mapping for H release. See here: **H Release** (The table at the end of the page). Good example from INF project with a detailed excel file to record the detailed mapping. Jinri encourage the PTL to make such efforts, or at least fill in the table. Some echos on this suggestion. Some comments are that the work is beyond trial and time-consuming, sometime difficult since some spec. may not have stage-3 defined. Another suggestion is to use the conformance spec. Jinri responded that the value of the work is significant. Yet admitted community is contribution-driven. Yet still strongly encourage the team to do this.
- ii. 11-02: **AP: Jinri** to work with Jackie to refine the table template.
 1. 11-09: See AP review above.
 - a. **Jinri Huang**: This table is for mapping template between project & specs. No update this week. Will continue
- iii. 11-09: **Sridhar Rao** License Scanning will be complete with report by 10 Dec. See checklist on wiki page: **Release Checklist#I-Release**
- iv. 11-09: **AP: Sridhar Rao** will report back next week on progress/status of release process & checklist
- v. 11-16: Sridhar has reviewed the status of release I documentation. Many documents still outstanding. **AP: All PTLs** to update release I checklist and ensure a plan to finalise release docs.
- vi. 11-30: **Sridhar Rao** is not seeing updates on wiki release pages. Based on current lack of progress, it may be difficult to meet release deadlines for December. PTLs and teams need more urgency in updating release I pages / wiki, highlights, release checklist and other release-relevant documentation. Once all documentation is ready, the only thing required is a TOC release vote.
- vii. 11-30: **David Kinsey** Release I date is provisionally targeting 25th - 29th December. This may be challenging for some. Need to agree a date for the release vote to take place. **Thoralf Czichy** suggests the 14th December (keeping 21st December as a backup) for the Release I vote. **David Kinsey** made motion to release on 14th December, **Thoralf Czichy** seconded. Motion approved.
- viii. 12-07: **Sridhar Rao** From the I release checklist page, only 5 projects NONRTRIC, RICPLT, ODUHIGH*, INF, AIMLFW completed the committed features. Need all PTLs to work and complete by next Thursday for release vote. For the "Release documentation for Blog/Article on Release" item will have a dedicated marketing person to update the wiki and generate a PR for I release. **Ankit Barve** how about "Features Implemented Mapping to O-RAN Spec by Project" table for I release? **David Kinsey** It might be kept at the project level for each PTL to fill in the details of the O-RAN specs impacting features. **Ankit Barve** Propose to add as a last section to the project.

c. Project reports (by features) (Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

- E2E call - pairwise testing, **Jian Li** , Nov. 2
- Lab updates, **Jian Li** , Nov. 2
 - 11-02: **Presentation here**
- Disaggregated SMO Flows - **N.K. Shankaranarayanan** , Nov. 9
 - 11-09: **N.K. Shankaranarayanan** Provided a update on Opensource projects in SMO space & mapping to 'Decoupled SMO Architecture'
 - Presentation: https://wiki.o-ran-sc.org/download/attachments/78217260/dec_smo_flows_v1.4_20231109.pptx?api=v2
 - **Jinri Huang** Suggestion to add dates to slides as they change.
- Onboarding and Orchestration - **Seshu Kumar Mudiganti** , Nov. 9
 - 11-09: No update this week.
 - Come back to this next week, Nov 16
 - **AP**: Project/Feature Update from **Seshu Kumar Mudiganti** on Nov 16
- RIC Platform Enhancements - **Thoralf Czichy** , Nov. 16
 - **AP**: Project/Feature Update from **Thoralf Czichy** on Nov 16 (report not ready) Nov 23: [link](#)
 - **11-30: Thoralf Czichy** significant number of items which were planned for Release I will be delayed to Release J. However, they are being worked on so confidence is high that they will be delivered in Release J timeframe. Some bug fixes in Release I, others moved to Release J. Work continues to enable Release I. Detailed RIC Platform project report is available [here](#).
- Energy Savings - **Alex Stancu**, Nov. 16
 - **AP**: Project/Feature Update from **Alex Stancu** on Nov 16
 - 11-16: Team data set in Nexus - publicly available to read. AI/ML team looking into model training. Energy savings data set being reviewed by NTUST. Release I will deliver the enablers and E2E demo will be available in release J.

7. Any Other Business (AoB)

- **Balaji Varadaraju N.K. Shankaranarayanan** Possible confusion with link used to join (Message: "Host has not started the meeting")
 - make sure to use the correct Zoom Link: <https://zoom.us/j/6540568082>
 - (Old link is still shown Group Email Notification)

8. Meeting Summary and Closure

- **11-02: AP: Jinri** to work with Jackie to refine the table template. 11-16: Ongoing
- **12-14: 12-7 Minutes Approved**

- 12-14: AP for Joint Workshop PR Closed
- 12-14: Release Conditionally Approved
- 12-21: 12-14 Minutes Approved
- 12-21: Release Conditions are satisfied within the time bound so the release is approved.
- 01-04: 12-21 Minutes Approved
- Next Meeting 1/11/24.

2023 12 21

Recording

Meeting Recording: [Link](#)

Agenda

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 - Lab updates, [Jian Li](#) , Nov. 2
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 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#) , Nov. 9
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 - **AP:** Project/Feature Update from [Seshu Kumar Mudiganti](#) on Nov 16

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- Energy Savings - [Alex Stancu](#), Nov. 16
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 - 11-16: Team data set in Nexus - publicly available to read. AI/ML team looking into model training. Energy savings data set being reviewed by NTUST. Release I will deliver the enablers and E2E demo will be available in release J.

7. Any Other Business (AoB)

- [Balaji Varadaraju N.K. Shankaranarayanan](#) Possible confusion with link used to join (Message: "Host has not started the meeting")
 - make sure to use the correct Zoom Link: <https://zoom.us/j/6540568082>
 - (Old link is still shown Group Email Notification)

8. Meeting Summary and Closure

- **11-02: AP: Jinri** to work with Jackie to refine the table template. 11-16: Ongoing
- **12-14: 12-7 Minutes Approved**
- **12-14: AP for Joint Workshop PR Closed**
- **12-14: Release Conditionally Approved**
- **12-21: 12-14 Minutes Approved**
- **12-21: Release Conditions are satisfied within the time bound so the release is approved.**
- **Next Meeting 1/4/24.**

2023 12 14

Recording

Meeting Recording: [Link](#)

Agenda

- Call for scribe (minutes owner): Jinri Huang (CMCC) (12/7 from Recording), David Kinsey (AT&T (12/14 from recording), TBD (12/21)
- Previous scribe: December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový	X	Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani			
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
 - a. **Decision:** Minutes approval for last TOC meeting 2023-12-07 (maintain only the items for current month): Motion proposed by John-Paul and seconded by Avinash, motion approved unanimously.
2. Review of Today's Agenda
 - a. Walk Ons? No new items added
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items

- a. 12-07: No New Items this week
- b. 12-07: OAI Roadmap 12-14
- c. **12-14**: OAI Vision presented by Irfan and Ganesh.
- d. **12-14**: Luis nominates Peng Lu from Intel to take the O-DU Low Phy PTL role as he will be retiring from Intel effective January 5, 2024. [link](#)
- 4. Release Votes ([checklist](#)) and Approval
 - a. AP Review
 - i. 11-02: The f2f meeting recording was put on the wiki. See here: [2023-10 O-RAN F2F Phoenix](#)
 - ii. 11-09: **Review AP**: 11-02: AP: [Jinri Huang](#) to reach O-RAN office to discuss the joint PR draft
 - 1. [Jinri Huang](#) From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
 - a. [Jinri Huang](#) O-RAN can promote the PR if issued through OAI channel & Add links to it
 - 2. [Irfan Ghauri](#) OAI can help here. Draft proposed. Ongoing & will revert with an update.
 - a. 11-09 **AP Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
 - 3. **12-14 David Kinsey Irfan Ghauri** Action Item is complete
 - iii. 11-09: **Review AP**: 11-02: AP: [Jinri](#) to work with Jackie to refine the table template.
 - 1. [Jinri Huang](#) No update this week. Will continue
 - b. 11-30: [David Kinsey](#) Nothing pending.
 - c. 12-07: [David Kinsey](#) Nothing pending.
 - d. **12-14**: Motion from Thoralf to approve the release with the condition that the three outstanding projects, which the PTL were not represented (RICAPP, SMO, DOC) would close their project activities by 12/21. Seconded by John-Paul. Motion was **Approved**
- 5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
 - i. OSFG discussions [Jinri Huang](#)
 - 1. O-RAN SCCL enforcement:
 - a. 11-02: [Jakub](#): currently handled in WG10 tooling team; 2 main topics: SCCL itself, should be included in the code artifact, 2nd is the repository to make the file public; in progress, some brainstorming, nothing for OSC to use directly; WG10 to generate the requirements; take to other WG, OFFICE, or OCOP, working on the design part of the thing; more difficult than expected;
 - b. 11-09: [Jakub Novy](#) mentioned that SCCL was discussed at this week's OSFG meeting, Suggest to follow up at next week TOC. More decisions needed at O-RAN level.
 - c. 11-16: [Jakub Novy](#) There is a meeting with O-RAN legal next week to review any potential issues.
 - d. **11-30: David Kinsey** A meeting took place with tooling within WG10. ACOP also needs to be consulted over the process. [Jakub Novy](#) to provide update on meeting with O-RAN legal.
 - e. **12-07: Jakub Novy** Not much to report. Got some feedback from O-RAN legal on brainstorming phase of WG10; Also checking with ETSI, Doug is helping. [David Kinsey](#) currently pushing SCCL with WG3, WG10 and WG4. [John Keeney](#) is of interest of publishing R1 related files with SCCL from WG2. [David Kinsey](#) R1 related file may end up be an Open API.
 - 2. Collaboration with OAI (lab interconnection) [James Li user-59b16](#)
 - a. Joint Workshop: <https://openairinterface.org/joint-osc-oai-workshop-end-to-end-open-source-reference-designs-for-o-ran/>
 - i. 11-02: the joint workshop, full and good agenda. Plus, OAI has good relationship with SRSRAN;
 - ii. 11-09: [Irfan Ghauri](#) reminder that workshop happens at Innovation Campus in Burlington not Boston Downtown. Approx 150 registered participants. Full agenda.
 - 1. 11-09 **AP Irfan Ghauri** to resend agenda to mailing list.
 - iii. 11-02: **AP: Jinri Huang** to reach O-RAN office to discuss the joint PR draft -
 - 1. 11-02: O-RAN and OAI will consider and work on a joint PR.
 - 2. 11-09: See AP review above.
 - a. [Jinri Huang](#) From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
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 - i. 11-09 **AP Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
 - iv. 11-16: [Irfan Ghauri](#) The workshop was generally very well attended. NTIA and NSF attended to give government perspective on O-RAN. Good to get the opportunity to address government agencies directly. Demos were very well received. Presented the next phases of collaboration between OSC and OAI e.g. Nephio and OSC collaboration for SMO and relationship to OAI. Meeting next week with Radisys to discuss potential integration of OAI CU with OSC. Next steps are to try to operationalise the OSC collaboration roadmap with, for example, Nephio. Recordings of workshop, poster sessions and demo sessions to be made available online shortly. Need to have a plan / roadmap for OSC features through 2024 similar to the OAI roadmap.
 - v. 11-16: [Tracy Van Brakle](#) There is an opportunity for teams to present demo proposals at the upcoming North America O-RAN plugfest readout on Nov 29th. Tracy will post further information to the public mailing list.
 - vi. **11-30: Tracy Van Brakle** Readout meeting took place for North American O-RAN plugfest. Some outstanding demonstrations were presented. Demonstrators and participants from industry an university faculty students. Mini-PR to be discussed to mark this event. Funding is starting to come from O-RAN Alliance and government agencies (in US and beyond). [Martin Skorupski](#) it was good to see things moving in alignment between the O-RAN Alliance and open source.
 - vii. **11-30: David Kinsey** will prepare PR regarding the Boston meeting of OSC and OAI. [Irfan Ghauri](#) has shared the summary of meeting with OAI steering meeting. Interesting to learn that Nephio has input into the SMO (FOCOM).
 - viii. **11-30: Irfan Ghauri** Next steps are to present a joint roadmap. Should be presented to and reviewed by the OSC TOC. [David Kinsey](#) there is a challenge for OSC to do better with creating a multi-release feature roadmap.

- ix. **11-30: Irfan Ghauri** follow-up discussions are already taking place for the traffic network functions. For example, Radisys are working on the O-DU integration with OAI. The workshop really helped to kickstart this collaboration between OSC and OAI. **David Kinsey** Do we continue to use the OSC O-DU (Low) or do we start to look towards OAI for this function? **Ankit Barve** has taken an action point at RSAC to investigate a mix n match approach with OSC and OAI for O-DU. Should have a clearer picture on this over the coming weeks.
- x. **12-07: Irfan Ghauri** The document that I prepared basically was co-signed by Ganesh and I'd like permission from Ganesh to be able to present. **David Kinsey** we'll put it on for next week.
- xi. **12-07: David Kinsey** has a draft for the joint workshop PR but needs get approval from AT&T. Still a pending question about O-DU-low, needs a decision with the roadmap to whether to keep the O-DU-low project. Need to send those questions to Lewis from Intel.
- xii. **12-14:** We walked through the OAI O-CU + OSC O-DU-High + OAI O-DU-Low presentation by **Ganesh Shenbagaraman** and **Irfan Ghauri** to be found in the Toc Documents folder
- 3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint **Tracy Van Brakle**.
 - a. 11-09: **Tracy Van Brakle**: Draft of First version - aiming for Release 0 at end of year.
 - i. Link for those who can access O-RAN Wiki: <https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda>
 - b. **11-30: Tracy Van Brakle** Meeting planned for December 14th to review the roadmap with O-RAN Alliance TSC co-chairs. OSFG meeting Monday 4th will review (5am PT).
 - c. **11-30: Tracy Van Brakle** Need blueprint status, technical issues and roadmap as input to the TSC co-chair meeting.
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- **11-09: AP:** [Sridhar Rao](#) will report back next week on progress/status of release process & checklist. **11-16:** Done. All PTLs to update the release I wiki. See new AP.
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2023 12 07

Recording

Meeting Recording: [Link](#)

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- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
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Deutsche Telekom	Jakub Nový	X	Ondej Hudousek	

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TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
 - a. **Decision:** Minutes approval for last TOC meeting 2023-11-30 (maintain only the items for current month): Motion proposed by [John Keeney](#) seconded by [Avinash Bhat](#) , motion approved unanimously.
2. Review of Today's Agenda
 - a. Walk Ons? No new items added
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
 - a. **12-07:** No New Items this week
 - b. **12-07:** OAI Roadmap 12-14
4. Release Votes (checklist) and Approval
 - a. AP Review
 - i. 11-02: The f2f meeting recording was put on the wiki. See here: [2023-10 O-RAN F2F Phoenix](#)
 - ii. 11-09: **Review AP:** 11-02: AP: [Jinri Huang](#) to reach O-RAN office to discuss the joint PR draft
 1. [Jinri Huang](#) From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
 - a. [Jinri Huang](#) O-RAN can promote the PR if issued through OAI channel & Add links to it
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 - a. 11-09 **AP Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
 - iii. 11-09: **Review AP:** 11-02: AP: Jinri to work with Jackie to refine the table template.
 1. [Jinri Huang](#) No update this week. Will continue
 - b. 11-30: [David Kinsey](#) Nothing pending.
 - c. 12-07: [David Kinsey](#) Nothing pending.
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
 - i. OSFG discussions [Jinri Huang](#)
 1. O-RAN SCCL enforcement:
 - a. 11-02: Jakub: currently handled in WG10 tooling team; 2 main topics: SCCL itself, should be included in the code artifact, 2nd is the repository to make the file public; in progress, some brainstorming, nothing for OSC to use directly; WG10 to generate the requirements; take to other WG, OFFICE, or OCOP, working on the design part of the thing; more difficult than expected;
 - b. 11-09: [Jakub Novy](#) mentioned that SCCL was discussed at this week's OSFG meeting, Suggest to follow up at next week TOC. More decisions needed at O-RAN level.
 - c. 11-16: [Jakub Novy](#) There is a meeting with O-RAN legal next week to review any potential issues.
 - d. **11-30:** [David Kinsey](#) A meeting took place with tooling within WG10. ACOP also needs to be consulted over the process. [Jakub Novy](#) to provide update on meeting with O-RAN legal.
 - e. **12-07:** [Jakub Novy](#) Not much to report. Got some feedback from O-RAN legal on brainstorming phase of WG10; Also checking with ETSI, Doug is helping. [David Kinsey](#) currently pushing SCCL with WG3, WG10 and WG4. [John Keeney](#) is of interest of publishing R1 related files with SCCL from WG2. [David Kinsey](#) R1 related file may end up be an Open API.
 2. Collaboration with OAI (lab interconnection) [James Li user-59b16](#)
 - a. Joint Workshop: <https://openairinterface.org/joint-osc-oai-workshop-end-to-end-open-source-reference-designs-for-o-ran/>
 - i. 11-02: the joint workshop, full and good agenda. Plus, OAI has good relationship with SRSRAN;
 - ii. 11-09: [Irfan Ghauri](#) reminder that workshop happens at Innovation Campus in Burlington not Boston Downtown. Approx 150 registered participants. Full agenda.
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 1. 11-02: O-RAN and OAI will consider and work on a joint PR.
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steps are to try to operationalise the OSC collaboration roadmap with, for example, Nephio. Recordings of workshop, poster sessions and demo sessions to be made available online shortly. Need to have a plan / roadmap for OSC features through 2024 similar to the OAI roadmap.

- v. **11-16: Tracy Van Brakle** There is an opportunity for teams to present demo proposals at the upcoming North America O-RAN plugfest readout on Nov 29th. Tracy will post further information to the public mailing list.
- vi. **11-30: Tracy Van Brakle** Readout meeting took place for North American O-RAN plugfest. Some outstanding demonstrations were presented. Demonstrators and participants from industry an university faculty students. Mini-PR to be discussed to mark this event. Funding is starting to come from O-RAN Alliance and government agencies (in US and beyond). **Martin Skorupski** it was good to see things moving in alignment between the O-RAN Alliance and open source.
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- x. **12-07: Irfan Ghauri** The document that I prepared basically was co-signed by Ganesh and I'd like permission from Ganesh to be able to present. **David Kinsey** we'll put it on for next week.
- xi. **12-07: David Kinsey** has a draft for the joint workshop PR but needs get approval from AT&T. Still a pending question about O-DU-low, needs a decision with the roadmap to whether to keep the O-DU-low project. Need to send those questions to Lewis from Intel.
- 3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint **Tracy Van Brakle**.
 - a. 11-09: **Tracy Van Brakle**: Draft of First version - aiming for Release 0 at end of year.
 - i. Link for those who can access O-RAN Wiki: <https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda>
 - b. **11-30: Tracy Van Brakle** Meeting planned for December 14th to review the roadmap with O-RAN Alliance TSC co-chairs. OSFG meeting Monday 4th will review (5am PT).
 - c. **11-30: Tracy Van Brakle** Need blueprint status, technical issues and roadmap as input to the TSC co-chair meeting.
 - d. **11-30: Jinri Huang** Plans to approach Jindrich Brett in O-RAN Alliance to confirm process for voting on a vendor co-chair for OSFG
 - e. **12-07: Tracy Van Brakle** The roadmap of the blueprint is in the form of a white paper and it's a drafty draft on OSFG contribution page. **David Kinsey** where's O-Cloud in this phase 1 (early iteration)? Nephio is just an enabler. We need O-Cloud to interconnect our labs. **Tracy Van Brakle** For the road map, introduce O-Cloud as a starting point, 4th quarter 2023; and then Cloudify O-Cloud, 2nd quarter 2024 (deployment by the SMO using O2 interface). **David Kinsey** when should we be targeting a demonstration with an OAI network function, using an OSC SMO to deploy it with Nephio enablers? 3 roadmaps (OSC, OAI, Nephio) have to be aligned. Saw demo at the workshop that use SMO + Near RT RIC + xApp on A1 to make policy change for DU bandwidth. So something is there but needs to be more generalized. Bala from Red Hat indicates that Nephio is creating their user stories and priorities for the R3 release (starting early 2024 towards the middle of 2024), and O2 IMS is one of them. **Tracy Van Brakle** Doug and I will see where srsRAN might fit in, and when if they do. srsRAN expressed their interest to participate.
- 4. Other
 - a. 11-09: Mix up with times for this week's OSFG meeting. Calendar has now been updated to 7AM EST (**Jinri Huang**).
 - b. 12-07: **David Kinsey** need to work out the scribe. **Jinri Huang** will do 12/7, and **David Kinsey** can do 12/14. May need one for 12/21. **Julien Boudani** can do January 2024, starting from 1/4.

6. Standing/old business

- a. OSC Lab
 - i. 11-09: **Tracy Van Brakle** Looking forward to discussions in Boston of having OSC labs working for upcoming plugfest, but also for experimentation & demos
 - 1. See also links from OSFG last week. For those who can access O-RAN Wiki: <https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda>
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 - iii. **11-30: David Kinsey** proposals for lab contract to be reviewed within AT&T. Work is ongoing and progress is being made. Next two weeks are critical in order to get funding from O-RAN Alliance and finalise lab plans.
- b. Release Planning: Weekly TOC Scheduling **Sridhar Rao**
 - i. 11-02: Mapping b/w OSC project work and WG spec. work discussed. There is a table for this mapping for H release. See here: **H Release** (The table at the end of the page). Good example from INF project with a detailed excel file to record the detailed mapping. Jinri encourage the PTL to make such efforts, or at least fill in the table. Some echos on this suggestion. Some comments are that the work is beyond trial and time-consuming. sometime difficult since some spec. may not have stage-3 defined. Another suggestion is to use the conformance spec. Jinri responded that the value of the work is significant. Yet admitted community is contribution-driven. Yet still strongly encourage the team to do this.
 - ii. 11-02: **AP: Jinri** to work with Jackie to refine the table template.
 - 1. 11-09: See AP review above.

- a. **Jinri Huang**: This table is for mapping template between project & specs. No update this week. Will continue
 - iii. 11-09: **Sridhar Rao** License Scanning will be complete with report by 10 Dec. See checklist on wikipage: [Release Checklist#I-Release](#)
 - iv. 11-09: **AP: Sridhar Rao** will report back next week on progress/status of release process & checklist
 - v. 11-16: Sridhar has reviewed the status of release I documentation. Many documents still outstanding. **AP: All PTLs** to update release I checklist and ensure a plan to finalise release docs.
 - vi. **11-30: Sridhar Rao** is not seeing updates on wiki release pages. Based on current lack of progress, it may be difficult to meet release deadlines for December. PTLs and teams need more urgency in updating release I pages / wiki, highlights, release checklist and other release-relevant documentation. Once all documentation is ready, the only thing required is a TOC release vote.
 - vii. **11-30: David Kinsey** Release I date is provisionally targeting 25th - 29th December. This may be challenging for some. Need to agree a date for the release vote to take place. **Thoralf Czichy** suggests the 14th December (keeping 21st December as a backup) for the Release I vote. **David Kinsey** made motion to release on 14th December, **Thoralf Czichy** seconded. Motion approved.
 - viii. **12-07: Sridhar Rao** From the I release checklist page, only 5 projects NONRTRIC, RICPLT, ODUHIGH*, INF, AIMLFW completed the committed features. Need all PTLs to work and complete by next Thursday for release vote. For the "Release documentation for Blog/Article on Release" item will have a dedicated marketing person to update the wiki and generate a PR for I release. **Ankit Barve** how about "Features Implemented Mapping to O-RAN Spec by Project" table for I release? **David Kinsey** It might be kept at the project level for each PTL to fill in the details of the O-RAN specs impacting features. **Ankit Barve** Propose to add as a last section to the project.
- c. **Project reports (by features)** (Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)
 - E2E call - pairwise testing, **Jian Li** , Nov. 2
 - Lab updates, **Jian Li** , Nov. 2
 - 11-02: [Presentation here](#)
 - Disaggregated SMO Flows - **N.K. Shankaranarayanan** , Nov. 9
 - 11-09: **N.K. Shankaranarayanan** Provided a update on Opensource projects in SMO space & mapping to 'Decoupled SMO Architecture'
 - Presentation: https://wiki.o-ran-sc.org/download/attachments/78217260/dec_smo_flows_v1.4_20231109.pptx?api=v2
 - **Jinri Huang** Suggestion to add dates to slides as they change.
 - Onboarding and Orchestration - **Seshu Kumar Mudiganti** , Nov. 9
 - 11-09: No update this week.
 - Come back to this next week, Nov 16
 - **AP: Project/Feature Update** from **Seshu Kumar Mudiganti** on Nov 16
 - RIC Platform Enhancements - **Thoralf Czichy** , Nov. 16
 - **AP: Project/Feature Update** from **Thoralf Czichy** on Nov 16 (report not ready) Nov 23: [link](#)
 - **11-30: Thoralf Czichy** significant number of items which were planned for Release I will be delayed to Release J. However, they are being worked on so confidence is high that they will be delivered in Release J timeframe. Some bug fixes in Release I, others moved to Release J. Work continues to enable Release I. Detailed RIC Platform project report is available [here](#).
 - Energy Savings - **Alex Stancu**, Nov. 16
 - **AP: Project/Feature Update** from **Alex Stancu** on Nov 16
 - 11-16: Team data set in Nexus - publicly available to read. AI/ML team looking into model training. Energy savings data set being reviewed by ST. Release I will deliver the enablers and E2E demo will be available in release J.

7. Any Other Business (AoB)

- **Balaji Varadaraju N.K. Shankaranarayanan** Possible confusion with link used to join (Message: "Host has not started the meeting")
 - make sure to use the correct Zoom Link: <https://zoom.us/j/6540568082>
 - (Old link is still shown Group Email Notification)

8. Meeting Summary and Closure

- **11-02: AP: Jinri** to work with Jackie to refine the table template. 11-16: Ongoing
- **11-09: Decision:** Minutes approval for last TOC meeting: Motion proposed by **Jinri Huang** seconded by **Jakub Novy**, motion approved unanimously.
- **11-09: AP: Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
- **11-09: AP: Sridhar Rao** will report back next week on progress/status of release process & checklist. **11-16:** Done. All PTLs to update the release I wiki. See new AP.
- **11-09: AP: Seshu Kumar Mudiganti** Project/Feature Update from **Seshu Kumar Mudiganti** on Nov 16
- **11-09: AP: Thoralf Czichy** Project/Feature Update from **Thoralf Czichy** on Nov 16
- **11-09: AP: Alex Stancu** Project/Feature Update from **Alex Stancu** on Nov 16
- **11-16: AP: All PTLs** Release I checklist needs to be updated on wiki by all PTLs.
- **11-16: AP: David Kinsey** and **Tracy Van Brakle** to review OSC lab contract with AT&T.
- **11-30: Decision:** Minutes approval for last TOC meeting 2023-11-16: Motion proposed by **John Paul Lane** seconded by **Jinri Huang**, motion approved unanimously.
- **11-30: AP David Kinsey** and **Tracy Van Brakle** to review and revert on status of OSC lab in Bedminster.

2023 11 30

Recording

Meeting Recording: [Link](#)

Agenda

- Call for scribe (minutes owner): John-Paul Lane (Ericsson)
- Previous scribe: December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	x		
China Mobile	Jinri Huang Co-Chair	x	James Li	
Deutsche Telekom	Jakub Nový		Ondej Hudousek	
Ericsson	John-Paul Lane	x	John Keeney	
NTT DOCOMO	Masahiro Fujii		Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	x
Orange	Julien Boudani			
Radisys	Ganesh Shenbagaraman		Ankit Barve	x
TIM	Andrea Buldorini	?		
Wind River	Jackie Huang	x	Jon Zhang	
Viavi Solutions	Ultan Kelly	x	Baruch Friedman	
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 - a. No new items added
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
 - a. **11-30** Call for scribe for December. CMCC will scribe for first meeting.
4. Release Votes ([checklist](#)) and Approval
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 - **AP:** Project/Feature Update from **Thoralf Czichy** on Nov 16 (report not ready) Nov 23: [link](#)
 - **11-30: Thoralf Czichy** significant number of items which were planned for Release I will be delayed to Release J. However, they are being worked on so confidence is high that they will be delivered in Release J timeframe. Some bug fixes in Release I, others moved to Release J. Work continues to enable Release I. Detailed RIC Platform project report is available [here](#).
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 - 11-16: Team data set in Nexus - publicly available to read. AI/ML team looking into model training. Energy savings data set being reviewed by NTUST. Release I will deliver the enablers and E2E demo will be available in release J.

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- **Balaji Varadaraju N.K. Shankaranarayanan** Possible confusion with link used to join (Message: "Host has not started the meeting")
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2023 11 23 - No Meeting Due to Thanksgiving Holidays in US

Recording

Meeting Recording:

Agenda

- Call for scribe (minutes owner): John-Paul Lane (Ericsson)
- Previous scribe: November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
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Company	Contact Name	Attendance	Alternate Contact	Attendance
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China Mobile	Jinri Huang Co-Chair		James Li
Deutsche Telekom	Jakub Nový		Ondej Hudousek
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NTT DOCOMO	Masahiro Fujii		Minami Ishii
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- a. No new items added

3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items

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4. Release Votes (checklist) and Approval

a. AP Review

- i. 11-02: The f2f meeting recording was put on the wiki. See here: [2023-10 O-RAN F2F Phoenix](#)

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2023 11 16

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 - b. ~~11-02: Agreement: Proposal suggested by Jinri to remove the notes (strike out) from previous months when starting the notes for a new month. Otherwise the message would be too clumsy and repetitive. Team agree~~
4. Release Votes ([checklist](#)) and Approval

- a. AP Review
 - i. 11-02: The 12f meeting recording was put on the wiki. See here: [2023-10-O-RAN-F2F-Phoenix](#)
 - ii. 11-09: Review AP: 11-02: AP: [Jinri Huang](#) to reach O-RAN office to discuss the joint PR draft
 1. [Jinri Huang](#) From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
 - a. [Jinri Huang](#) O-RAN can promote the PR if issued through OAI channel & Add links to it
 2. [Irfan Ghauri](#) OAI can help here. Draft proposed. Ongoing & will revert with an update.
 - a. 11-09 AP [Irfan Ghauri](#) For OAI/OSC workshop: will revert with an update on PR content & channel
 - iii. 11-09: Review AP: 11-02: AP: Jinri to work with Jackie to refine the table template.
 1. [Jinri Huang](#) No update this week. Will continue
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
 - i. OSFG discussions [Jinri Huang](#)
 1. O-RAN SCCL enforcement:
 - a. 11-02: ~~Jakub: currently handled in WG10 tooling team; 2 main topics: SCCL itself, should be included in the code artifact, 2nd is the repository to make the file public; in progress, some brainstorming, nothing for OSC to use directly; WG10 to generate the requirements; take to other WG, OFFICE, or OCOP, working on the design part of the thing; more difficult than expected;~~
 - b. 11-09: [Jakub Novy](#) mentioned that SCCL was discussed at this week's OSFG meeting, Suggest to follow up at next week TOC. More decisions needed at O-RAN level.
 2. Collaboration with OAI (lab interconnection) [James Li user-59b16](#)
 - a. Joint Workshop: <https://openairinterface.org/joint-osc-oai-workshop-end-to-end-open-source-reference-designs-for-o-ran/>
 - i. 11-02: ~~the joint workshop, full and good agenda. Plus, OAI has good relationship with C-RAN;~~
 - ii. 11-09: [Irfan Ghauri](#) reminder that workshop happens at Innovation Campus in Burlington not Boston Downtown. Approx 150 registered participants. Full agenda.
 1. 11-09 AP [Irfan Ghauri](#) to resend agenda to mailing list.
 - iii. 11-02: AP: [Jinri Huang](#) to reach O-RAN office to discuss the joint PR draft -
 1. 11-02: O-RAN and OAI will consider and work on a joint PR.
 2. 11-09: See AP review above.
 - a. [Jinri Huang](#) From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
 - i. [Jinri Huang](#) O-RAN can promote the PR if issued through OAI channel & Add links to it
 - b. [Irfan Ghauri](#) OAI can help here. Draft proposed. Ongoing & will revert with an update.
 - i. 11-09 AP [Irfan Ghauri](#) For OAI/OSC workshop: will revert with an update on PR content & channel
 3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint [Tracy Van Brakle](#).
 - a. 11-09: [Tracy Van Brakle](#): Draft of First version - aiming for Release 0 at end of year.
 - i. Link for those who can access O-RAN Wiki: <https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda>
 4. Other
 - a. 11-09: Mix up with times for this week's OSFG meeting. Calendar has now been updated to 7AM EST ([Jinri Huang](#)).
 6. Standing/old business
 - a. OSC Lab
 - i. 11-09: [Tracy Van Brakle](#) Looking forward to discussions in Boston of having OSC labs working for upcoming plugfest, but also for experimentation & demos
 1. See also links from OSFG last week. For those who can access O-RAN Wiki: <https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda>
 - b. Release Planning: Weekly TOC Scheduling [Sridhar Rao](#)
 - i. 11-02: Mapping b/w OSC project work and WG spec. work discussed. There is a table for this mapping for H release. See here: [H Release](#) (The table at the end of the page). Good example from INF project with a detailed excel file to record the detailed mapping. Jinri encourage the PTL to make such efforts, or at least fill in the table. Some echoes on this suggestion. Some comments are that the work is beyond trial and time consuming, sometime difficult since some spec. may not have stage 3 defined. Another suggestion is to use the conformance spec. Jinri responded that the value of the work is significant. Yet admitted community is contribution driven. Yet still strongly encourage the team to do this.
 - ii. 11-02: AP: [Jinri](#) to work with Jackie to refine the table template.
 1. 11-09: See AP review above.
 - a. [Jinri Huang](#): This table is for mapping template between project & specs. No update this week. Will continue
 - iii. 11-09: [Sridhar Rao](#) License Scanning will be complete with report by 10 Dec. See checklist on wiki page: [Release Checklist#I-Release](#)
 - iv. 11-09: AP: [Sridhar Rao](#) will report back next week on progress/status of release process & checklist
 - c. Project reports (by features) (Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)
 - E2E call - pairwise testing, [Jian Li](#) , Nov. 2
 - Lab updates, [Jian Li](#) , Nov. 2
 - 11-02: [Presentation here](#)
 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#) , Nov. 9
 - 11-09: [N.K. Shankaranarayanan](#) Provided a update on Opensource projects in SMO space & mapping to 'Decoupled SMO Architecture'
 - Presentation: https://wiki.o-ran-sc.org/download/attachments/78217260/dec_smo_flows_v1.4_20231109.pptx?api=v2
 - [Jinri Huang](#) Suggestion to add dates to slides as they change.
 - Onboarding and Orchestration - [Seshu Kumar Mudiganti](#) , Nov. 9
 - 11-09: No update this week.
 - Come back to this next week, Nov 16

- **AP:** Project/Feature Update from [Seshu Kumar Mudiganti](#) on Nov 16
- RIC Platform Enhancements - [Thoralf Czichy](#) , Nov. 16
 - **AP:** Project/Feature Update from [Thoralf Czichy](#) on Nov 16
- Energy Savings - [Alex Stancu](#), Nov. 16
 - **AP:** Project/Feature Update from [Alex Stancu](#) on Nov 16

7. Any Other Business (AoB)

- [Balaji Varadaraju N.K. Shankaranarayanan](#) Possible confusion with link used to join (Message: "Host has not started the meeting")
 - make sure to use the correct Zoom Link: <https://zoom.us/j/6540568082>
 - (Old link is still shown Group Email Notification)

8. Meeting Summary and Closure

- **11-02: AP: Jinri** to work with Jackie to refine the table template.
- **11-09: Decision:** Minutes approval for last TOC meeting: Motion proposed by [Jinri Huang](#) seconded by [Jakub Novy](#), motion approved unanimously.
- **11-09: AP: Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
- **11-09: AP: Sridhar Rao** will report back next week on progress/status of release process & checklist
- **11-09: AP: Seshu Kumar Mudiganti** Project/Feature Update from [Seshu Kumar Mudiganti](#) on Nov 16
- **11-09: AP: Thoralf Czichy** Project/Feature Update from [Thoralf Czichy](#) on Nov 16
- **11-09: AP: Alex Stancu** Project/Feature Update from [Alex Stancu](#) on Nov 16

2023 11 02

Recording

Meeting Recording: [See here](#)

Agenda

- Call for scribe (minutes owner): **Jinri Huang (CMCC)**
- Next scribe: **November 2023: [John Paul Lane](#) will cover the remaining weeks**
- Previous scribe: October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair			
China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový	X	Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii		Minami Ishii	X
Nokia	Arun Kumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani			
Radisys	Ganesh Shenbagaraman		Ankit Barve	X
TIM	Andrea Buldorini			
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting

- Decision:** Minutes approval for last TOC meeting: Motion proposed by Ankit Barve, seconded by John-Paul Lane, motion approved unanimously.

2. Review of Today's Agenda

3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items

- 11-02:** Federico introduced himself. Together with him are two of his colleagues, Chris and Bala. They expressed the contributing interest from Redhat to OSC. A big and warm welcome from the team. Thrilled to see the new contribution source. Federico further indicated that they are both in Nephio and OSC. Plus, some of his colleagues will be attending the joint OSC-OAI workshop in Nov. Plus, the initial interest of area in OSC from Redhat would be on the infrastructure project.

- b. **11-02: Agreement:** Proposal suggested by Jinri to remove the notes (strike out) from previous months when starting the notes for a new month. Otherwise the message would be too clumsy and repetitive. Team agreed.
 - 4. Release Votes ([checklist](#)) and Approval
 - a. AP Review
 - i. 11-02: The f2f meeting recording was put on the wiki. See here: [2023-10 O-RAN F2F Phoenix](#)
 - 5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
 - i. OSFG discussions [Jinri Huang](#)
 - 1. O-RAN SCCL enforcement:
 - a. **11-02:** Jakub: currently handled in WG10 tooling team; **2 main topics: SCCL itself, should be included in the code artifact, 2nd is the repository to make the file public;** in progress, some brainstorming, nothing for OSC to use directly; WG10 to generate the requirements; take to other WG, OFFICE, or OCOP, working on the design part of the thing; more difficult than expected;
 - 2. Collaboration with OAI (lab interconnection) [James Li user-59b16](#)
 - a. **11-02:** the joint workshop, full and good agenda. Plus, OAI has good relationship with SRSRAN;
 - b. **11-02:** O-RAN and OAI will consider and work on a joint PR.
 - c. **11-02: AP: Jinri Huang** to reach O-RAN office to discuss the joint PR draft
 - 3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint [Tracy Van Brakle](#).
 - 4. Others
 - a. **11-02: Agreement:** to remove the "O-RAN next phase" subsection since it may be duplicate with other parts;
6. Standing/old business
 - a. OSC Lab
 - b. [Release Planning](#): Weekly TOC Scheduling [Sridhar Rao](#)
 - i. **11-02:** Mapping b/w OSC project work and WG spec. work discussed. There is a table for this mapping for H release. See here: [H Release](#) (The table at the end of the page). Good example from INF project with a detailed excel file to record the detailed mapping. Jinri encourage the PTL to make such efforts, or at least fill in the table. Some echos on this suggestion. Some comments are that the work is beyond trial and time-consuming. **sometime difficult since some spec. may not have stage-3 defined. Another suggestion is to use the conformance spec.** Jinri responded that **the value of the work is significant**. Yet admitted community is contribution-driven. Yet still strongly encourage the team to do this.
 - ii. **1102: AP: Jinri to work with Jackie to refine the table template.**
 - c. **Project reports (by features) (Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features**
 - E2E call - pairwise testing, [Jian Li](#) , Nov. 2
 - Lab updates, [Jian Li](#) , Nov. 2
 - [Presentation here](#)
 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#) , Nov. 9
 - Onboarding and Orchestration - [Seshu Kumar Mudiganti](#) , Nov. 9
 - RIC Platform Enhancements - [Thoralf Czichy](#) , Nov. 16
 - Energy Savings - [Alex Stancu](#), Nov. 16
7. Any Other Business (AoB)
8. Meeting Summary and Closure
 - **11-02: Agreement:** Proposal suggested by Jinri to remove the notes (strike out) from previous months when starting the notes for a new month. Otherwise the message would be too clumsy and repetitive. Team agreed
 - **11-02: Agreement:** to remove the "O-RAN next phase" subsection since it may be duplicate with other parts
 - **11-02: AP: Jinri Huang** to reach O-RAN office to discuss the joint PR draft
 - **1102: AP: Jinri to work with Jackie to refine the table template**

2023 10 26

Recording

Meeting Recording: [O-RAN-SC TOC's Personal Meeting Room - Zoom](#)

Agenda

- Call for scribe (minutes owner): [Ultan Kelly](#) (Viavi)
- Next scribe: **November 2023: [John Paul Lane](#)** apart from first week of November which will be [Jinri Huang](#)
- Previous scribe: October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový		Ondej Hudousek	

Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	
Nokia	Arun Kumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting

- a. **Decision:** Minutes approval for last TOC meeting: Motion proposed by [Ultan Kelly](#) seconded by [Aviv Guetta](#) motion approved unanimously.

2. Review of Today's Agenda

3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items

4. Release Votes ([checklist](#)) and Approval

a. AP Review

- b. **2023-10-26:** [David Kinsey](#) noted we are in the penultimate sprint for the I release.

5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)

i. OSFG discussions [Jinri Huang](#)

1. O-RAN SCCL enforcement

a. Publishing O-RAN code-like segments under SCCL CLA [Jinri Huang](#)

- i. 2023-05-18: waiting for a feedback from O-RAN Office

- ii. 2023-09-14: [Jakub Novy](#) [David Kinsey](#) mentioned it was more of an introductory meeting (setting our position) . Next meeting is scheduled on 21 Sep 2023 post the ToC Meeting

b. Naming and directory structure has been agreed upon and next step will be to get it approve.

c. Anything else?

2. Collaboration with OAI (lab interconnection) [James Li](#) [user-59b16](#)

- a. 2023-06-29: [Jinri Huang](#) Discussion with OAI went well, OSC expressed willingness for collaboration which was supported by OAI. For implementation, OAI is to provide a repository mail so that OSC can leverage it once legal conditions are met.

b. Review "OSC – OAI Collaboration Proposal" [Irfan Ghauri](#) [Robert Schmidt](#)

- c. 2023-09-07: [Irfan Ghauri](#) shared the updates on the event details. This is an "in person only" event, refer to [Link](#) for detailed Agenda. **Action:** [Jinri Huang](#) to send invite on O-RAN SC and relevant folks in O-RAN Alliance based on the format to be shared by [Irfan Ghauri](#)

d. 2023-09-14: [Irfan Ghauri](#) provided an update on Committee Meeting.

- i. Plan is to follow a workshop mode, 3 sessions (RAN, OAM and Lab Status) and demo.

- ii. Made call for speakers and panels.

- iii. Provide OAI ~Nephio and proposed a joint discussion on the topic.

- iv. [David Kinsey](#) Proposed to showcase some O-RAN SC F2F demos at the event.

- e. 2023-09-28: [David Kinsey](#) highlighted the low participation from O-RAN SC in demo and keynote point of view. RIC, X-APP, AIML could be potential area. [Irfan Ghauri](#) said O-RAN SC participation will be accommodated.

- i. [John Keeney](#) requested for clarification on OAI,OSFG & ORAN SC relationship. [David Kinsey](#) clarified that the objective is to support the common goal of O-RAN Proliferation and showcase of O-RAN Capabilities with reference design.

- ii. [John Keeney](#) requested to get a clarification on the MoU. [Irfan Ghauri](#) mentioned that it is very generic and is between O-RAN Alliance & OAI, doesn't cover any licensing details.

- iii. [John Keeney](#) requested clarification on licensing terms. [Irfan Ghauri](#) clarified that each community will follow their respective community guidelines.

- f. 2023-10-12: [Irfan Ghauri](#) Agenda for November Joint OSC-OAI Workshop is finalizing. Some final touch are being applied.

- g. **2023-10-26:** [Irfan Ghauri](#) and [Seshu Kumar Mudiganti](#) discussed November Joint OSC-OAI Workshop in Boston and noted an IMS orchestration topic that has momentum with both groups. One final speaking slot remains unfilled.

3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint [Tracy Van Brakle](#)

1. [Link to O-RAN OSFG meeting minutes 7/21](#)

2. Work three things in parallel:

- a. demonstrations within university labs (multiple regions) - concurrent with O-RAN Fall 2023 PoC/Plugfest (readout week of November 26)

- i. AsiaPac - Taiwan and other locations

- ii. EU

- iii. North America

- b. sources of funding to assure sustain-ability

- i. O-RAN nGRG - application due August __, 2023

- ii. Public Sector - NSF? NTIA?

- c. Whitepaper (2023-09-14: It was clarified to be a whitepaper)

3. **2023-10-26:** Blueprint still a work in progress and should have more information next week. A number of potential blueprints exist.

- b. O-RAN next phase - prepare for upcoming F2F in Phoenix AZ, USA, October 17 to 19
 - i. 2023-08-03: Next F2F registration is now opened. [Rittwik Jana](#) mentioned ONF reached out for the energy saving topics. [Martin Skorupski](#) put it on the agenda of OSFG meeting to talk about energy savings and the collaboration with ONF.
 - ii. 2023-08-17: Discussed about Demos, the type of env screens needed. [David Kinsey Irfan Ghauri](#)
 - iii. 2023-09-07: [David Kinsey](#) made a call for sessions and requested members to update them directly in the event page. Refer [Link](#) for updates. AIML, SMO de-compositions within O-Cloud & Energy Saving sessions were discussed and added to the list. Proposal is to have 6 slots. [David Kinsey](#) proposed to cancel the ToC Call during the event week.
 - iv. 2023-09-14: [David Kinsey](#) mentioned that we should have at least 5 sessions for the planned items (Refer [Link](#)). The schedule is yet to be finalized. Details to be updated so that event can be planned better.
 - v. 2023-09-21: [David Kinsey](#) reminded everyone to take care of hotel accommodations in advance as it is sold out.
 - vi. 2023-09-28: [David Kinsey](#) clarified that we have received 5 session (against the 7 requested) . [Ji nri Huang](#) to invite all the O-RAN Alliance WGs for the sessions. [David Kinsey](#) will organize the schedule and update the F2F Event Page.
 - vii. 2023-10-05: Registration is open and the agenda is being finalized and is still possible for more speakers to attend and space for demos, esp. interested in O-Cloud.
 - viii. 2023-10-12: Some agenda items still in motion. Moving Wednesday Session with MVP-C to Monday. Need to re-take slot which was released. Need time slot since some MVP AI/ML members will be remote in China. Demo slots still open. Will release session if no more demos identified.
 - ix. **2023-10-26:** [David Kinsey](#) to post recordings of the various meetings. Had a discussion about the role of the various workgroups and their role defining interface and interface files. The AI/ML SMO Energy Saving use-case is aligned well with the OSC work with 4 modes of saving (Cell, channel mgmt, event sleep and cloud entity savings) but in the November Train the groups are still debating the granularity of control over the E2 interface to the DU. You may have fine-grain visibility but different level of controls.

4. Others

- a. **2023-10-26:** [David Kinsey](#) noted potential synergy between OSC and srsRAN Open Source RAN project as broad goals and projects may align. srsRAN may look to be ORAN compliant and interested to participate in plugfests.

6. Standing/old business

a. OSC Lab

- i. 2023-08-17: Our Bedminster Lab is in the process of move [David Kinsey](#)
- ii. 2023-09-21: No update on the move this week.
- iii. 2023-10-05: Equipment is rack-and-stacked but not networked. [David Kinsey](#) Will have an update at the face-face meeting. Looking for an O-Cloud option.
- iv. 2023-10-12: Supply Chain shortage, missing circuit breaker doesn't allow everything to be turned on. Missing chillers also means not too many things can be turned on due to temperature limits. No date when issue will be resolved.
- v. **2023-10-26** Same status with Supply Chain shortage and now may impact the I-Release, if there is no lab to test. Quotes for lab tooling are re-issued with the goal for end of year purchases.

b. Release Planning: Weekly TOC Scheduling [Sridhar Rao](#)

- i. 2023-08-03: [Rittwik Jana](#) Focus on energy savings; Figure out a plan of execution to get the metrics; ML modeling; SMO discussion.
- ii. 2023-08-31: [Seshu Kumar Mudiganti](#) [David Kinsey](#) Stretch to get the O-Cloud energy savings using policies into the I or J release. [Jackie Huang](#) need to check if it's doable.
- iii. 2023-09-07: [David Kinsey](#) made a call to PTL to update the I Release plan. PTLs to complete this before the F2F Meeting. [Rittwik Jana](#) provided updates on the data set.
- iv. 2023-09-14: [Rittwik Jana](#) updated that there are 2 datasets Alex is working on one dataset and Viavi is working on the other. Ritwik to follow up with Ultan (Viavi)
- v. 2023-09-21: [Rittwik Jana](#) confirmed on behalf of [Ultan Kelly](#) about the new dataset availability. (The old dataset cannot be make available). Next step would be to discuss with [Joseph Thaliath](#)
- vi. 2023-09-28 [Rittwik Jana](#) provided an offline update:
 - the TIM data set that would allow training of the AI/ML models is ready (it needed parsing). I will upload it to Nexus3 once we figure out how (LF is working on making Nexus3 host datasets - Sridhar will update once it is ready). Then, the AI/ML team will be able to play with that dataset.
 - Other dataset (synthetic) still to be produced by Viavi - maybe Rittwik has more information here
 - Discussions ongoing about the PM streaming (flow details [here](#)). Once we finalize the discussions there, implementation can start in the SIM and OAM projects.
 - 2023-10-05: Nexus 3 Repo setup <https://nexus3.o-ran-sc.org/repositories/datasets> and once permissions are set [Sridhar Rao](#) to upload TIM data sets. Viavi data-sets still a WIP.
- vii. 2023-10-05: No update but [David Kinsey](#) noted a three-week cycle for project updates and next one will after the face-face meeting.

c. Project reports (by features)

- i. 2023-08-03: Project reports in groups will be strike out, and it will be done by features, which will need to be restructured.
- ii. 2023-08-17: Features grouped as in [RSAC](#).
- iii. Project Reports
 - RIC Platform Enhancements - [Thoralf Czichy](#) - Next 28 Sep 2023: [link-to-2023-09-28-report](#)
 - Energy Savings - [Alex Stancu](#) - Next 28 Sep 2023
 - [Alex Stancu](#) Could not be available. Provided the following status update:
 - To summarize what has happened:
 - the TIM data set that would allow training of the AI/ML models is ready (it needed parsing). I will upload it to Nexus3 once we figure out how (LF is working on making

Nexus3 host datasets - Sridhar will update once it is ready). Then, the AI/ML team will be able to play with that dataset.

- Other dataset (synthetic) still to be produced by Viavi - maybe Rittwik has more information here
 - Discussions ongoing about the PM streaming (flow details [here](#)). Once we finalize the discussions there, implementation can start in the SIM and OAM projects.
 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#) - 21 Sep 2023
 - 2023-09-21: Shankar is unavailable, to be planned in 3 weeks.
 - 2023-10-05: To be discussed next week
 - 2023-10-12: Shankar presented draft of F2F material. [David Kinsey](#) noted that the material should be posted and available in advance for F2F. Updates can still occur after initial upload.
 - Onboarding and Orchestration - [Seshu Kumar Mudiganti](#) - 21 Sep 2023
 - 2023-09-21: Seshu was unavailable
 - 2023-10-05: To be discussed next week
2. Any Other Business (AoB)
- a. 2023-08-03: NTT DOCOMO voting member changed: Masafumi Masuda Masahiro Fujii; Anil Umesh Minami Ishii
 - b. 2023-08-03: **Action:** to create I release page. [David Kinsey](#) mentioned DOC project not listed in [H release](#), and we need to do [Release Checklist](#)
 - c. 2023-08-31: Done created page for [I Release](#).
 - d. 2023-08-31: [David Kinsey](#) will not be available end of October. [Jinri Huang](#) to take care in the absence of David.
3. Meeting Closure

2023 10 19

Recording

Meeting Recording: [link](#)

Agenda

- Call for scribe (minutes owner): [Ultan Kelly](#) (Viavi)
- Next scribe: **November 2023:**
- Previous scribe: September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

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China Mobile	Jinri Huang Co-Chair		James Li	
Deutsche Telekom	Jakub Nový		Ondej Hudousek	
Ericsson	John-Paul Lane		John Keeney	
NTT DOCOMO	Masahiro Fujii		Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	
Orange	Julien Boudani			
Radisys	Ganesh Shenbagaraman		Ankit Barve	
TIM	Andrea Buldorini			
Wind River	Jackie Huang		Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat		Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

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4. Release Votes ([checklist](#)) and Approval
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 - a. AP Review
 - a. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
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c. Project reports (by features)

- i. 2023-08-03: Project reports in groups will be strike out, and it will be done by features, which will need to be restructured.
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- iii. Project Reports

- RIC Platform Enhancements - [Thoralf Czichy](#) - Next 28 Sep 2023: [link-to-2023-09-28-report](#)
- Energy Savings - [Alex Stancu](#) - Next 28 Sep 2023
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2. Any Other Business (AoB)

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- b. 2023-08-03: Action: to create I release page. [David Kinsey](#) mentioned DOC project not listed in [H release](#), and we need to do [Release Checklist](#)
- c. 2023-08-31: Done created page for [I Release](#).
- d. 2023-08-31: [David Kinsey](#) will not be available end of October. [Jinri Huang](#) to take care in the absence of David.

3. Meeting Closure

2023 10 12

Recording

Meeting Recording: [link](#)

Agenda

- Call for scribe (minutes owner): [Ultan Kelly](#) (Viavi)
- Next scribe: **November 2023:**
- Previous scribe: September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový	X	Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	

Nokia	Arunkumar Halebid		Thoralf Czichy	
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

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 - i. ~~2023-06-20: Jinri Huang Discussion with OAI went well, OSC expressed willingness for collaboration which was supported by OAI. For implementation, OAI is to provide a repository mail so that OSC can leverage it once legal conditions are met.~~
 - ii. ~~Review "OSC - OAI Collaboration Proposal" Irfan Chauri Robert Schmidt~~
 - iii. ~~2023-08-10: Joint OSC OAI Workshop Irfan Chauri~~
 - iv. ~~2023-08-17: Joint OSC OAI Workshop: In the process of writing tentative agenda for sharing next week. Irfan Chauri~~
 - v. ~~2023-08-24: 2023 FALL JOINT OSC OAI WORKSHOP BOSTON Irfan Chauri~~
- b. ~~TSC meeting-~~
 - i. ~~2023-08-31: Next TSC presentation will be on next Friday (2023-09-08)~~
- c. ~~Super "Simplified" Wireless RAN blueprint Tracy Van Brakle~~
 - i. ~~Work three things in parallel: demonstrations within university labs (multiple regions); roadmap; sources of funding to assure sustain ability~~
- d. ~~2023-08-03: OAI proposal has been presented to the TSC, TSC said no money to fund it.~~
- e. ~~2023-08-10: ONF proposal Rittwik Jana~~
- f. ~~2023-08-17: TSC approval for making following changes Sidhar Rao~~
 - i. ~~Set a file size limit of 5m in all repos to prevent large files from being pushed. (This is the same size we allow in other communities)~~
 - ii. ~~Cleanup the 2 repos (it/dop, pti/rtp), which requires a history rewrite to permanently remove large files. Reason: Failing GitHub replication~~
 1. ~~ric infra/40-Nexus/etc/conf.tar (it/dop)~~
 2. ~~meta-oran/recipes-containers/kubermotes-plugins/cpu-manager-for-kubermotes/docker-img-cmk-v1.3.1.tar.bz (pti/rtp)~~
 3. ~~meta-oran/recipes-containers/kubermotes-plugins/multus-eni/docker-img-multus-v3.2.tar.bz2 (pti/rtp)~~
 4. ~~meta-oran/recipes-containers/kubermotes/kubermotes/docker-img-kubermotes-v1.15.2.tar.bz (pti/rtp)~~
 - iii. ~~**Both actions require a Gerrit downtime**~~
 - iv. ~~motion for cleaning up the 2 repos: approved unanimously.~~
 - v. ~~motion for setting the size limit of 5m: approved unanimously.~~
- g. ~~2023-08-24: ONF's new open RAN initiative Rittwik Jana~~
- h. ~~2023-08-31: update on ONF proposal: energy saving use cases discussion, 3 data sets Rittwik Jana~~
- i. ~~2023-08-31: ReadTheDocs has few deprecations coming up which will affect the ORAN-SC repos Matthew Watkins; Thoralf Czichy put it on a wiki: Configure Repo for Documentation~~
- j. ~~2023-09-07: No new Agenda Items~~
- k. ~~2023-09-21: David Kinsey & Irfan Chauri made a call for keynote speakers & demos to O-RAN SC members. Jackie Huang to comment on participation on the Panel Discussion on Nephio & O-Cloud integration~~
- l. ~~2023-10-05: Timo Perala Noted Nephio on site developer event week of October 9th with contribution from Tracy Van Brakle to inform members about OSC~~

4. Release Votes (checklist) and Approval

- a. ~~2023-07-27: Track Maintenance Release~~
- b. ~~2023-07-27: Release I & J planning~~
- c. ~~2023-08-03: SUNIL SINGH request for approval vote for a new xApp repo RICAPP project contributed & maintained by Alexandre Huff from UTEPR Univ. New xApp implements the E2SM CGC service model. Motion proposed by David Kinsey, seconded by James Li, motion passed unanimously.~~
- d. ~~2023-08-03: Track Maintenance Release: RICAPP SUNIL SINGH, ODULOW Ankit Barve, NONRTRIC John Keeney all on track, will close out next week.~~
- e. ~~2023-08-10: Approval of the Maintenance Release.~~
- f. ~~2023-09-07: None of the PTLs brought any items.~~
- g. ~~2023-09-21: New Repository Request - link (aiml-fw/awmf/modelmgmtservice) by the AIMLFW PTL Joseph Thaliath~~
 - i. ~~John Keeney sought clarification on WG2 compliance and the same was provided by Joseph Thaliath~~
 - ii. ~~Joseph Thaliath confirmed a demo can be made by mid of Nov timeframe~~
 - iii. ~~Decision: The proposal was unanimously approved.~~
- h. ~~2023-09-21: New Repository Request - link (ric-plt/conflictmgr) by the near-RT RIC PTL Thoralf Czichy~~
 - i. ~~Gunjan Rastogi from CapGemini mentioned that demo is mid of Nov-23 is challenging. David Kinsey suggested a basic demo is a good start.~~
 - ii. ~~Decision: The proposal was unanimously approved.~~
- i. ~~2023-10-05: No Release Approvals required~~

5. AP Review

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 1. [Matt Wilkins](#): the problem is acknowledged but due to the nature of the wiki, a solution to prevent unintended post /comments is not trivial. [Matt](#) will keep on working on this and update the group.
 - ii. 2023-06-08 [Sridhar Rao](#) License scanning completed and report has been sent to all PTLs
[James Li](#) Patch has been submitted for the AI raised under integration project

- iii. 2023-06-15 All PTLs to update [H release](#) page and notify through email to get it review, if this gets done over the next week then we can call for the release vote on the 2023-06-20 TOC following the F2F.
- iv. 2023-06-20 Integration, RICAPP, DOC, and O-DU Low PTLs to update the [H release](#) page. [David Kinsey](#) to send reminder to above project PTLs to update the H release page and also to create I release page with project template.
H release to be postponed on next TOC July 6th.
[Sridhar Rao](#) created [release checklist page](#), all PTLs expected to review and provide feedback if any.
[Jinri Huang](#) to check regarding PR statement.
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Recording

Meeting Recording: [link](#)

Agenda

- Call for scribe (minutes owner): [Ultan Kelly](#) (Viavi)
- Next scribe: **November 2023**:
- Previous scribe: September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový	X	Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	
Nokia	Arun Kumar Halebid	X	Thoralf Czichy	
Orange	Julien Boudani			
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang		Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting

- a. **Decision:** Minutes approval for last TOC meeting: Motion proposed by [James Li](#) seconded by [Ultan Kelly](#) motion approved unanimously.

2. Review of Today's Agenda

3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items

- a. Collaboration with OAI (lab interconnection) [James Li user-59b16](#)
 - i. 2023-06-29: [Jinri Huang](#) Discussion with OAI went well, OSC expressed willingness for collaboration which was supported by OAI. For implementation, OAI is to provide a repository mail so that OSC can leverage it once legal conditions are met.
 - ii. **Review "OSC – OAI Collaboration Proposal"** [Irfan Ghauri Robert Schmidt](#)
 - iii. 2023-08-10: [Joint OSC-OAI Workshop Irfan Ghauri](#)
 - iv. 2023-08-17: Joint OSC-OAI Workshop: In the process of writing tentative agenda for sharing next week. [Irfan Ghauri](#)
 - v. 2023-08-24: [2023-FALL-JOINT-OSC-OAI-WORKSHOP-BOSTON Irfan Ghauri](#)
- b. TSC meeting
 - i. 2023-08-31: Next TSC presentation will be on next Friday (2023-09-08)
- c. Super "Simplified" Wireless RAN blueprint [Tracy Van Brakle](#)
 - i. Work three things in parallel: demonstrations within university labs (multiple regions); roadmap; sources of funding to assure sustain-ability
- d. 2023-08-03: OAI proposal has been presented to the TSC, TSC said no money to fund it.
- e. 2023-08-10: ONF proposal [Rittwik Jana](#)
- f. 2023-08-17: TSC approval for making following changes [Sridhar Rao](#)
 - i. Set a file size limit of 5m in all repos to prevent large files from being pushed. (This is the same size we allow in other communities)
 - ii. Cleanup the 2 repos (it/dep, pti/rtp), which requires a history rewrite to permanently remove large files. Reason: Failing GitHub replication
 - 1. ric-infra/10-Nexus/etc/conf.tar (it/dep)
 - 2. meta-oran/recipes-containers/kubernetes-plugins/cpu-manager-for-kubernetes/docker-img-cmk-v1.3.1.tar.bz2 (pti/rtp)
 - 3. meta-oran/recipes-containers/kubernetes-plugins/multus-cni/docker-img-multus-v3.2.tar.bz2 (pti/rtp)
 - 4. meta-oran/recipes-containers/kubernetes/kubernetes/docker-img-kubernetes-v1.15.2.tar.bz2 (pti/rtp)
 - iii. ****Both actions require a Gerrit downtime****
 - iv. motion for cleaning up the 2 repos: approved unanimously.
 - v. motion for setting the size limit of 5m: approved unanimously.
- g. 2023-08-24: ONF's new open RAN initiative [Rittwik Jana](#)
- h. 2023-08-31: update on ONF proposal: energy saving use cases discussion, 3 data sets [Rittwik Jana](#)
- i. 2023-08-31: ReadtheDocs has few deprecations coming up which will affect the ORAN-SC repos [Matthew Watkins](#); [Thoralf Czichy](#) put it on a wiki: [Configure Repo for Documentation](#)
- j. 2023-09-07: No new Agenda Items
- k. 2023-09-21: [David Kinsey](#) & [Irfan Ghauri](#) made a call for keynote speakers & demos to O-RAN SC members. [Jackie Huang](#) to comment on participation on the Panel Discussion on Nephio & O-Cloud integration
- l. 2023-10-05: [Timo Perala](#) Noted Nephio on-site developer event week of October 9th with contribution from [Tracy Van Brakle](#) to inform members about OSC

4. Release Votes (checklist) and Approval

- a. 2023-07-27: Track Maintenance Release
- b. 2023-07-27: Release I & J planning
- c. 2023-08-03: [SUNIL SINGH](#) request for approval vote for a new xApp repo RICAPP project contributed & maintained by [Alexandre Huff](#) from UTFPR Univ. New xApp implements the E2SM-CCC service model. Motion proposed by [David Kinsey](#), seconded by [James Li](#), motion passed unanimously.
- d. 2023-08-03: Tack Maintenance Release: RICAPP [SUNIL SINGH](#), ODULOW [Ankit Barve](#), NONRTRIC [John Keeney](#) all on track, will close out next week.
- e. 2023-08-10: Approval of the Maintenance Release.

- f. 2023-09-07: None of the PTLs brought any items.
 - g. 2023-09-21: New Repository Request - [link](#) - (aiml-fw/awmf/modelmgmtservice) by the AIMLFW PTL [Joseph Thaliath](#)
 - i. [John Keeney](#) sought clarification on WG2 compliance and the same was provided by [Joseph Thaliath](#)
 - ii. [Joseph Thaliath](#) confirmed a demo can be made by mid of Nov timeframe
 - iii. **Decision:** The proposal was unanimously approved
 - h. 2023-09-21: New Repository Request - [link](#) - (ric-plt/conflictmgr) by the near-RT RIC PTL [Thoralf Czichy](#)
 - i. Gunjan Rastogi from CapGemini mentioned that demo is mid of Nov-23 is challenging. [David Kinsey](#) suggested a basic demo is a good start.
 - ii. **Decision :** The proposal was unanimously approved
 - i. 2023-10-05: No Release Approvals required
5. AP Review
- a. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
 - i. OSFG discussions [Jinri Huang](#)
 - 1. O-RAN SCCL enforcement
 - a. Publishing O-RAN code-like segments under SCCL CLA [Jinri Huang](#)
 - i. 2023-05-18: waiting for a feedback from O-RAN Office
 - ii. 2023-09-14: [Jakub Novy](#) [David Kinsey](#) mentioned it was more of an introductory meeting (setting our position) . Next meeting is scheduled on 21 Sep 2023 post the ToC Meeting
 - b. Naming and directory structure has been agreed upon and next step will be to get it approve.
 - c. Anything else?
 - 2. Collaboration with OAI (lab interconnection) [James Li](#) [user-59b16](#)
 - a. 2023-06-29: [Jinri Huang](#) Discussion with OAI went well, OSC expressed willingness for collaboration which was supported by OAI. For implementation, OAI is to provide a repository mail so that OSC can leverage it once legal conditions are met.
 - b. Review "OSC – OAI Collaboration Proposal" [Irfan Ghauri](#) [Robert Schmidt](#)
 - c. 2023-09-07: [Irfan Ghauri](#) shared the updates on the event details. This is an "in person only" event, refer to [Link](#) for detailed Agenda. **Action:** [Jinri Huang](#) to send invite on O-RAN SC and relevant folks in O-RAN Alliance based on the format to be shared by [Irfan Ghauri](#)
 - d. 2023-09-14: [Irfan Ghauri](#) provided an update on Committee Meeting.
 - i. Plan is to follow a workshop mode, 3 sessions (RAN, OAM and Lab Status) and demo.
 - ii. Made call for speakers and panels.
 - iii. Provide OAI ~Nephio and proposed a joint discussion on the topic.
 - iv. [David Kinsey](#) Proposed to showcase some O-RAN SC F2F demos at the event.
 - e. 2023-09-28: [David Kinsey](#) highlighted the low participation from O-RAN SC in demo and keynote point of view. RIC, X-APP, AIML could be potential area. [Irfan Ghauri](#) said O-RAN SC participation will be accommodated.
 - i. [John Keeney](#) requested for clarification on OAI,OSFG & ORAN SC relationship. [David Kinsey](#) clarified that the objective is to support the common goal of O-RAN Proliferation and showcase of O-RAN Capabilities with reference design.
 - ii. [John Keeney](#) requested to get a clarification on the MoU. [Irfan Ghauri](#) mentioned that it is very generic and is between O-RAN Alliance & OAI, doesn't cover any licensing details.
 - iii. [John Keeney](#) requested clarification on licensing terms. [Irfan Ghauri](#) clarified that each community will follow their respective community guidelines.
 - 3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint [Tracy Van Brakle](#)
 - a. [Link to O-RAN OSFG meeting minutes 7/21](#)
 - b. Work three things in parallel:
 - i. demonstrations within university labs (multiple regions) - concurrent with O-RAN Fall 2023 PoC /Plugfest (readout week of November 26)
 - 1. AsiaPac - Taiwan and other locations
 - 2. EU
 - 3. North America
 - ii. sources of funding to assure sustain-ability
 - 1. O-RAN nGRG - application due August __, 2023
 - 2. Public Sector - NSF? NTIA?
 - iii. Whitepaper (2023-09-14: It was clarified to be a whitepaper)
 - ii. O-RAN next phase - prepare for upcoming F2F in Phoenix AZ, USA, October 17 to 19
 - 1. 2023-08-03: Next F2F registration is now opened. [Rittwik Jana](#) mentioned ONF reached out for the energy saving topics. [Martin Skorupski](#) put it on the agenda of OSFG meeting to talk about energy savings and the collaboration with ONF.
 - 2. 2023-08-17: Discussed about Demos, the type of env screens needed. [David Kinsey](#) [Irfan Ghauri](#)
 - 3. 2023-09-07: [David Kinsey](#) made a call for sessions and requested members to update them directly in the event page. Refer [Link](#) for updates. AIML, SMO de-compositions within O-Cloud & Energy Saving sessions were discussed and added to the list. Proposal is to have 6 slots. [David Kinsey](#) proposed to cancel the ToC Call during the event week.
 - 4. 2023-09-14: [David Kinsey](#) mentioned that we should have at least 5 sessions for the planned items (Refer [Link](#)). The schedule is yet to be finalized. Details to be updated so that event can be planned better.
 - 5. 2023-09-21: [David Kinsey](#) reminded everyone to take care of hotel accommodations in advance as it is sold out.
 - 6. 2023-09-28: [David Kinsey](#) clarified that we have received 5 session (against the 7 requested) . [Jinri Huang](#) to invite all the O-RAN Alliance WGs for the sessions. [David Kinsey](#) will organize the schedule and update the F2F Event Page.
 - 7. 2023-10-05: Registration is open and the agenda is being finalized and is still possible for more speakers to attend and space for demos, esp. interested in O-Cloud.
 - b. Others
6. Standing/old business
- a. OSC Lab
 - i. 2023-08-17: Our Bedminster Lab is in the process of move [David Kinsey](#)
 - ii. 2023-09-21: No update on the move this week.
 - iii. 2023-10-05: Equipment is rack-and-stacked but not networked. [David Kinsey](#) Will have an update at the face-face meeting. Looking for an O-Cloud option.

- b. **Release Planning: Weekly TOC Scheduling Sridhar Rao**
 - i. 2023-05-26 Issues on moderation/permission for comments on the wiki (see [message from John Keeney](#))
 1. Matt Wilkins: the problem is acknowledged but due to the nature of the wiki, a solution to prevent unintended post /comments is not trivial. Matt will keep on working on this and update the group.
 - ii. 2023-06-08 [Sridhar Rao](#) License scanning completed and report has been sent to all PTLs
[James Li](#) Patch has been submitted for the AI raised under integration project
 - iii. 2023-06-15 All PTLs to update [H release](#) page and notify through email to get it review, if this gets done over the next week then we can call for the release vote on the 2023-06-29 TOC following the F2F.
 - iv. 2023-06-29 Integration, RICAPP, DOC, and O-DU Low PTLs to update the [H release](#) page.
[David Kinsey](#) to send reminder to above project PTLs to update the H release page and also to create I release page with project template.
H release to be postponed on next TOC July 6th
[Sridhar Rao](#) created [release checklist page](#), all PTLs expected to review and provide feedback if any.
[Jinri Huang](#) to check regarding PR statement.
 - v. 2023-08-03: [Rittwik Jana](#) Focus on energy savings; Figure out a plan of execution to get the metrics; ML modeling; SMO discussion.
 - vi. 2023-08-31: [Seshu Kumar Mudiganti](#) [David Kinsey](#) Stretch to get the O-Cloud energy savings using policies into the I or J release. [Jackie Huang](#) need to check if it's doable.
 - vii. 2023-09-07: [David Kinsey](#) made a call to PTL to update the [I Release](#) plan. PTLs to complete this before the F2F Meeting.
[Rittwik Jana](#) provided updates on the data set.
 - viii. 2023-09-14: [Rittwik Jana](#) updated that there are 2 datasets Alex is working on one dataset and Viavi is working on the other. Ritwik to follow up with Ultan (Viavi)
 - ix. 2023-09-21: [Rittwik Jana](#) confirmed on behalf of [Ultan Kelly](#) about the new dataset availability. (The old dataset cannot be make available). Next step would be to discuss with [Joseph Thaliath](#)
 - x. 2023-09-28 [Rittwik Jana](#) provided an offline update:
 - the TIM data set that would allow training of the AI/ML models is ready (it needed parsing). I will upload it to Nexus3 once we figure out how (LF is working on making Nexus3 host datasets - Sridhar will update once it is ready). Then, the AI/ML team will be able to play with that dataset.
 - Other dataset (synthetic) still to be produced by Viavi - maybe Rittwik has more information here
 - Discussions ongoing about the PM streaming (flow details [here](#)). Once we finalize the discussions there, implementation can start in the SIM and OAM projects.
 - 2023-10-05: Nexus 3 Repo setup <https://nexus3.o-ran-sc.org/repositories/datasets> and once permissions are set [Sridhar Rao](#) to upload TIM data sets. Viavi data-sets still a WIP.
 - xi. 2023-10-05: No update but [David Kinsey](#) noted a three-week cycle for project updates and next one will after the face-face meeting.
 - c. **Project reports (by features)**
 - i. 2023-08-03: Project reports in groups will be strike out, and it will be done by features, which will need to be restructured.
 - ii. 2023-08-17: Features grouped as in [RSAC](#).
 - iii. Project Reports
 - RIC Platform Enhancements - [Thoralf Czichy](#) - Next 28 Sep 2023: [link-to-2023-09-28-report](#)
 - Energy Savings - [Alex Stancu](#) - Next 28 Sep 2023
 - [Alex Stancu](#) Could not be available. Provided the following status update:
 - To summarize what has happened:
 - the TIM data set that would allow training of the AI/ML models is ready (it needed parsing). I will upload it to Nexus3 once we figure out how (LF is working on making Nexus3 host datasets - Sridhar will update once it is ready). Then, the AI/ML team will be able to play with that dataset.
 - Other dataset (synthetic) still to be produced by Viavi - maybe Rittwik has more information here
 - Discussions ongoing about the PM streaming (flow details [here](#)). Once we finalize the discussions there, implementation can start in the SIM and OAM projects.
 - Disaggregated SMO Flows - [N.K. Shankaranarayanan](#) - 21 Sep 2023
 - 2023-09-21: Shankar is unavailable, to be planned in 3 weeks.
 - 2023-10-05: To be discussed next week
 - Onboarding and Orchestration - [Seshu Kumar Mudiganti](#) - 21 Sep 2023
 - 2023-09-21: Seshu was unavailable
 - 2023-10-05: To be discussed next week
2. **Any Other Business (AoB)**
 - a. 2023-08-03: NTT DOCOMO voting member changed: Masafumi Masuda Masahiro Fujii; Anil Umesh Minami Ishii
 - b. 2023-08-03: **Action:** to create I release page. [David Kinsey](#) mentioned DOC project not listed in [H release](#), and we need to do [Release Checklist](#)
 - c. 2023-08-31: Done created page for [I Release](#).
 - d. 2023-08-31: [David Kinsey](#) will not be available end of October. [Jinri Huang](#) to take care in the absence of David.
3. **Meeting Closure**

Archived Meetings