

IEEE 1914 NGFI

P1914.1 TF Opening Report

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Summary of intermediate telecos

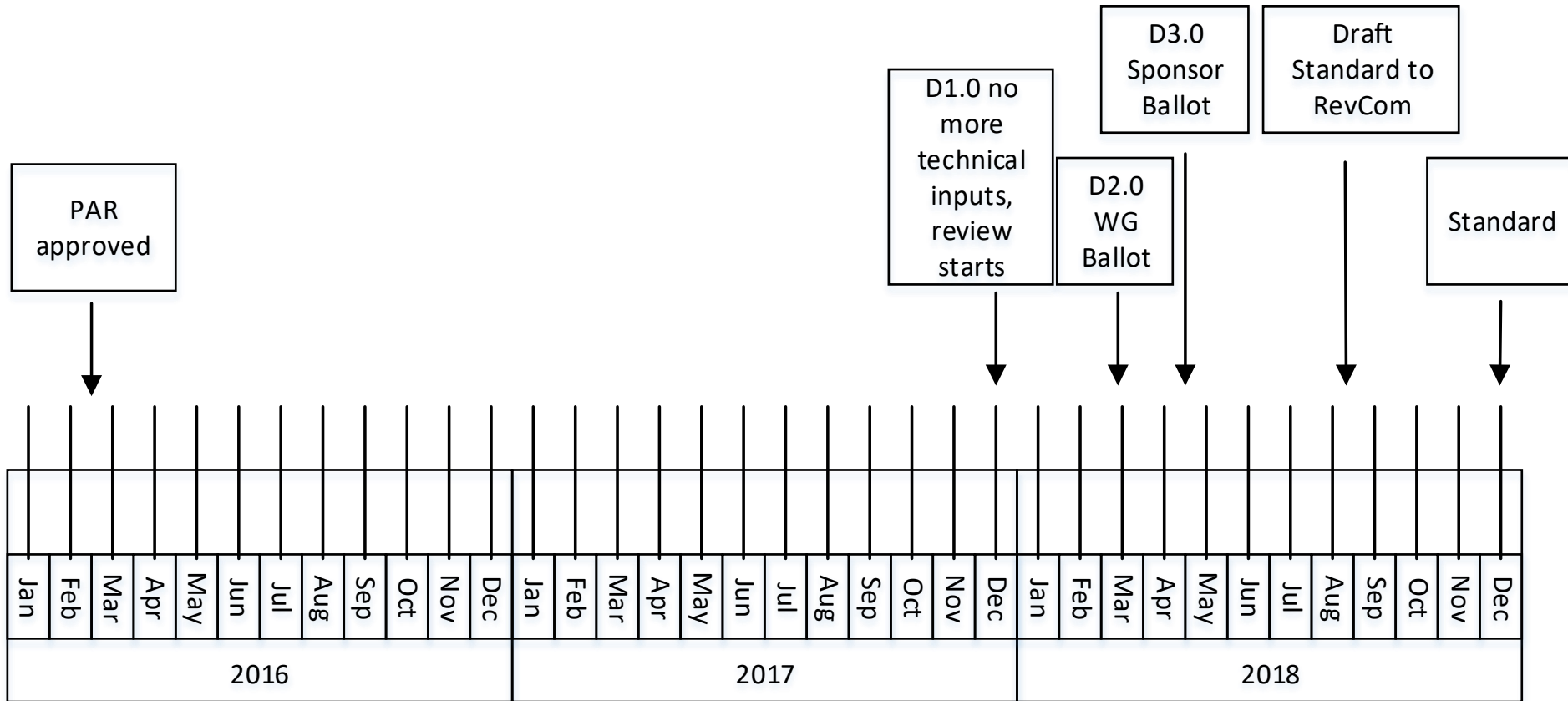
- General

<http://sites.ieee.org/sagroups-1914/p1914-1/>

- .1 draft specification : xxxxxxxxxxxx
- .1 ongoing draft update: xxxxxxxxxxxx

- Two intermediate telcos

Review of timeline



AIs from December meeting

- ❑ General
 - Go through the whole draft with the right “shall” and “may”
 - Start working on PICS
- ❑ Transport classes
 - 6.1.1 ordering of t1, t2, t3, t3 and t0
- ❑ Deployment scenario
 - 6.2.1.1.1 -remove the low layer from the title
 - figure 17, more explanation about the location of RU/CU, change the arrow
 - native CPRI -> CPRI
 - CPRIoRoE-> CPRI over Ethernet
 - native RoE/eCPRI-> ?
 - 2(3) -> 2 or 3
 - 6.1.2.1 change to informative?path latency performance
- ❑ Latency requirements
 - Move the content to after COS table
 - Delete this section

AIs from December meeting

- ❑ synchronization/TAE
 - Richard T. will share the model with WG in bi-weekly call
 - include P1914.1-D0.4-cl_sync_section_v1.doc
 - table 5, note 4, same radio or not?
 - Get feedback from Tim Frost
 - Update boundary clock vs transparent clock statement
 - zoom in RU as an example to address CPRI+?
 - specify the measuring point
 - synchronous Ethernet -refer to ITU-T
- ❑ Reliability
 - Check how this is written in other standards such as 3GPP, Ethernet, OTN, 802.1 TSN
 - Refer to TR22261, 5-9 rule(99.999%), BER criteria(10⁻⁵)
- ❑ Survival time
 - Four classes, Jinrito check the necessity
- ❑ Data plane requirements
 - keep data plane throughput, merge the rest with other sections

AIs from December meeting

- ❑ Security
 - refer to existing standard
- ❑ Network slicing
 - Re-visit 5.3.5.1 in D0.5, how to abstract and format?
 - Include the user scenario we discussed in the f2f meeting
- ❑ Converged networks
 - Re-visit the use of p-2-p and p-2-mp.
 - Delete midhaul
 - State fronthaul-I and fronthaul-II more clearly in the figure
 - Delete pt2mp and mp2mp in 5.3.5.1
- ❑ OAM
 - Keep the OAM reference model
 - Figure for maintenance domain needs to be updated (compliant with the latest deployment scenario generalized model)
 - State parameters to be monitored and reported: Latency, throughput, loss, connectivity, accepted window, etc.

AIs from December meeting

□ Node

- Keep the classes and the line rate, delete the others
- Temperature range moved to 6.1.2.2 practical information
- Add in appendix as informative: Ethernet-based NGFI node requirements
 - Model(refer to 802.1cm)
 - Sync (refer to 1588)
 - OAM(refer to Y1731, 802.1cm and 1914.1)
 - Security(refer to MACSec)

Work plan for this meeting

- Review the draft
- Vote to start WG review by the end of March