



A Proposed Layer Diagram for RPR

July 2002, Vancouver BC

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Overview

- Layer model provides a convenient high-level view of the MAC and related layers.
- A layer diagram is used by other 802 standards to describe the architectural position and relationship of layers and sublayers.
- P802.17 Draft 0.3 includes at least 3 different layer diagrams.
- This proposal contains no new material—just proposes a self-consistent layer model within the draft standard.



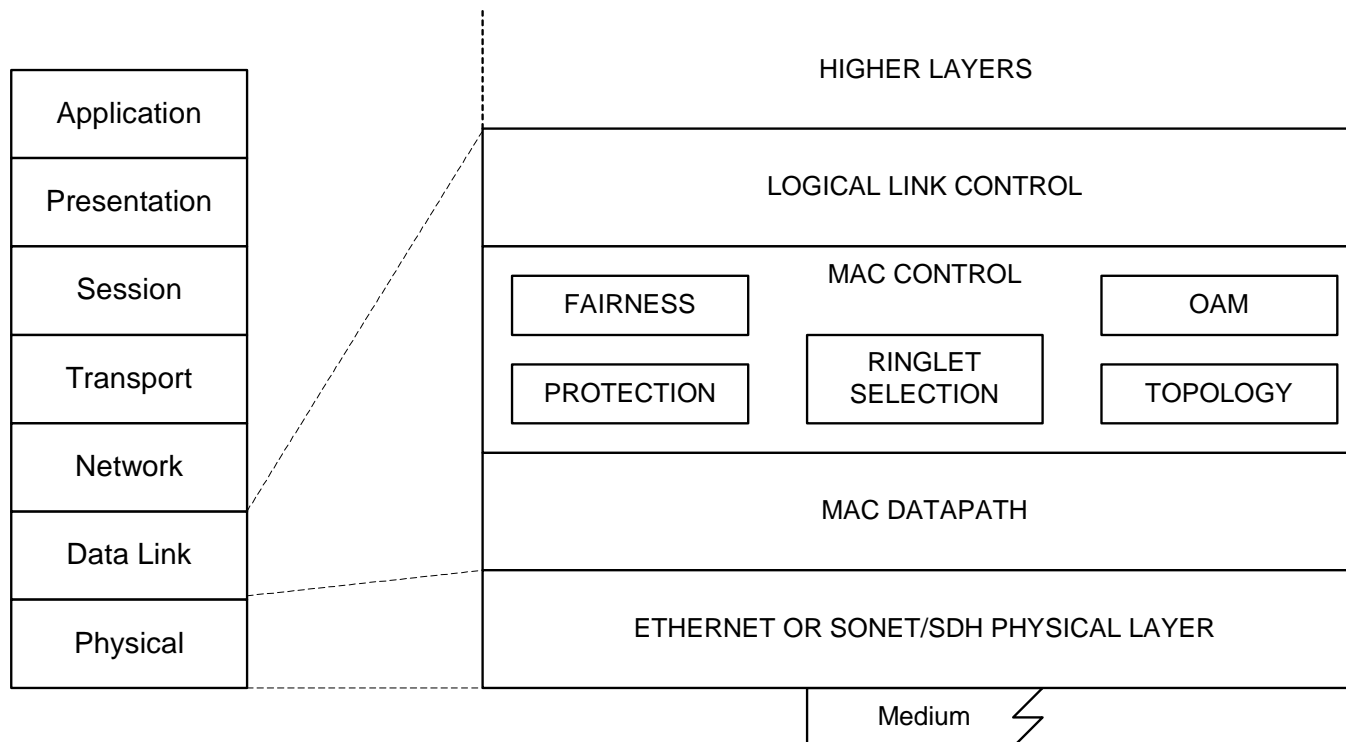
Layer Diagram Proposal

- Define a single layer diagram for use in the draft RPR standard
 - Layer model is consistent with 802 conventions.
 - Layer diagram is used to describe the architectural positioning and relationship of clauses within the overall RPR MAC.
 - The layer diagram is not a functional or block diagram.
 - Remove the “other client layers” shown above the MAC in Clause 5. The 802 MAC client is the LLC. The “Bridging Relay entity” referenced in the text is a MAC function, not part of the LLC.
 - Proposed layer diagram is shown on the following page.

The Proposed Layer Diagram

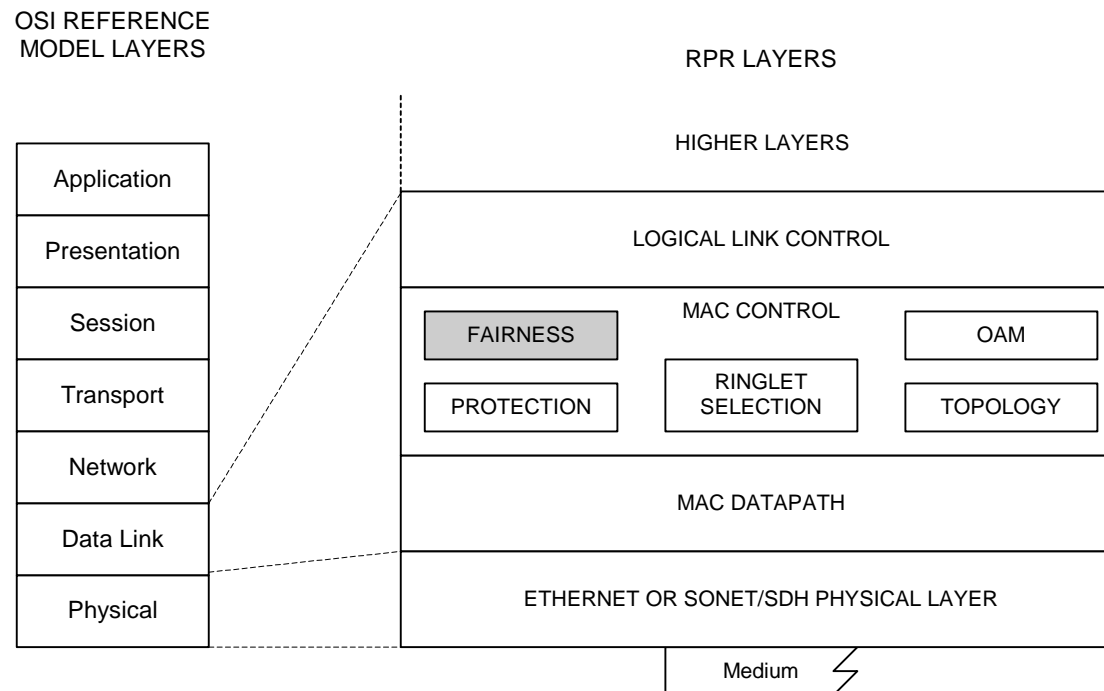
OSI REFERENCE
MODEL LAYERS

RPR LAYERS



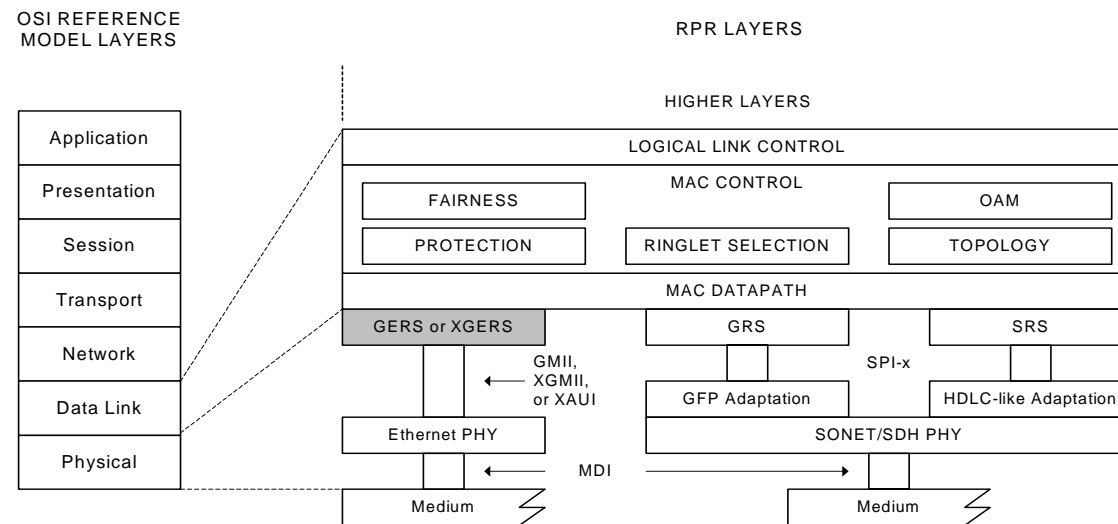
Within the Draft Standard

- Reference to the layer diagram is part of the “Overview” of clauses (as applicable). The referenced sublayer or function is shaded for identification (example shows “Fairness” below).



Expanded Layer Diagram (PHYs)

- An expanded layer diagram is used where necessary (for example, to describe the PHY sublayers that don't need to be shown elsewhere).





Summary

- Propose a layer diagram for use in the draft RPR standard
- Presenter can prepare Framemaker source diagram for use by editorial team.