

1.1 Layer diagrams

The RPR layer model diagrams for each of the clauses are shown below. Figure 1.1 is for Clause 1.

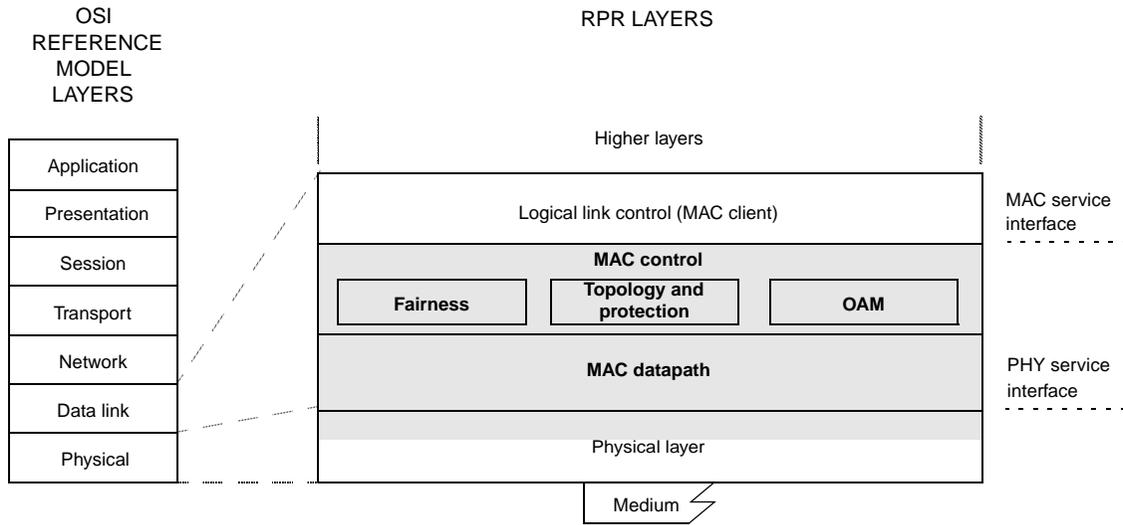


Figure 1.1—RPR service and reference model relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

Figure 1.2 is for Clause 5.

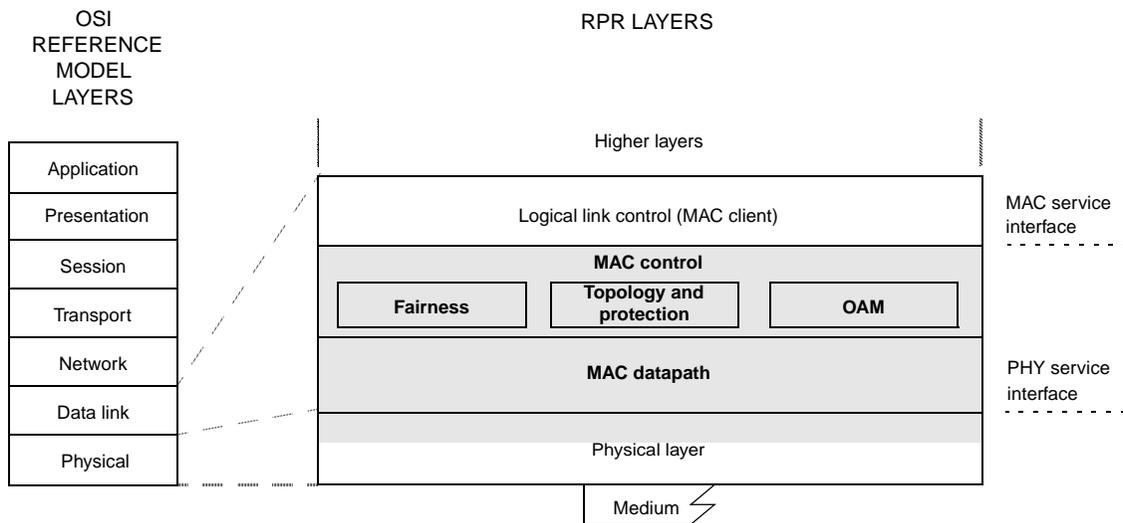


Figure 1.2—RPR service and reference model relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

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Figure 1.3 is for Clause 6.

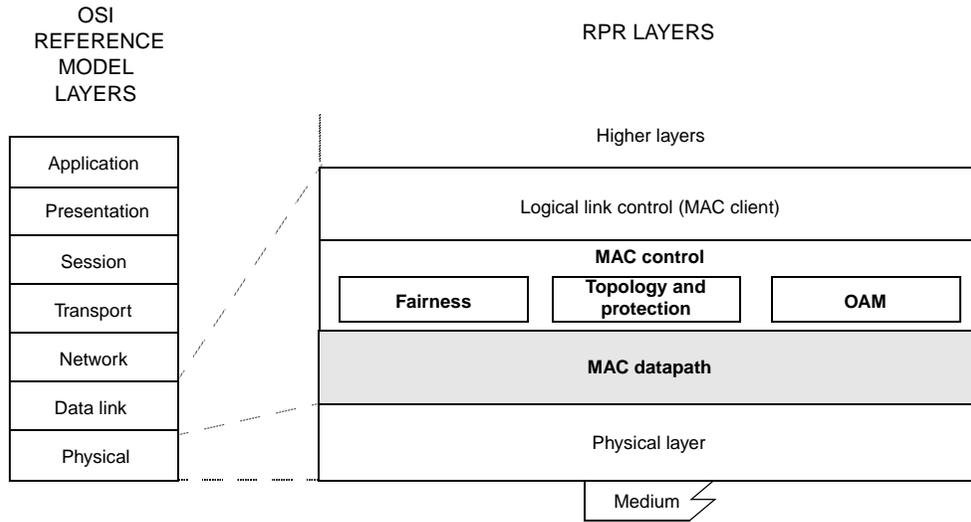
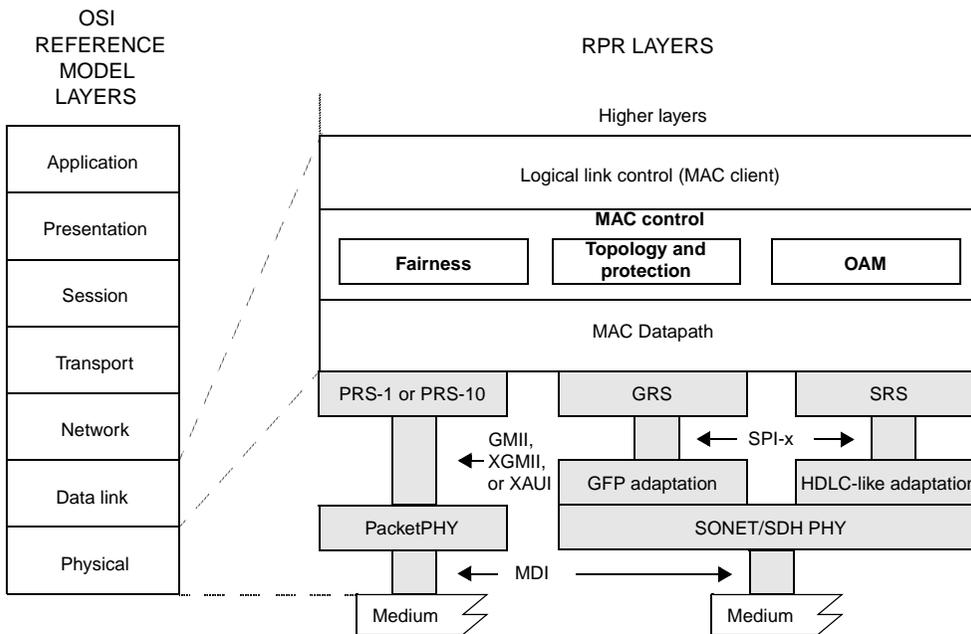


Figure 1.3—MAC datapath sublayer relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

Figure 1.4 is for Clause 7.



GMII = Gigabit Media Independent Interface
 PRS-1 = Gigabit PacketPHY Reconciliation Sublayer
 PRS-10 = 10 Gigabit PacketPHY Reconciliation Sublayer
 GRS = GFP Reconciliation Sublayer
 MAC = Medium Access Control

MDI = Medium Dependent Interface
 PHY = Physical Layer Entity
 SRS = SONET/SDH Reconciliation Sublayer
 XAUI = 10 Gigabit Attachment Unit Interface
 XGMII = 10 Gigabit Media Independent Interface

Figure 1.4—RPR RS and PHY relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

Figure 1.5 is for Clause 9.

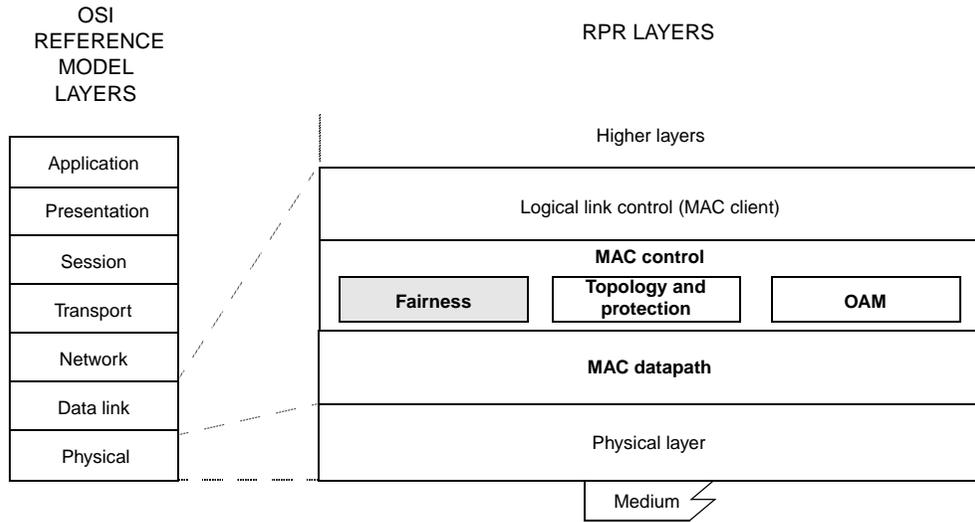


Figure 1.5—Fairness control function relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

Figure 1.6 is for Clause 10.

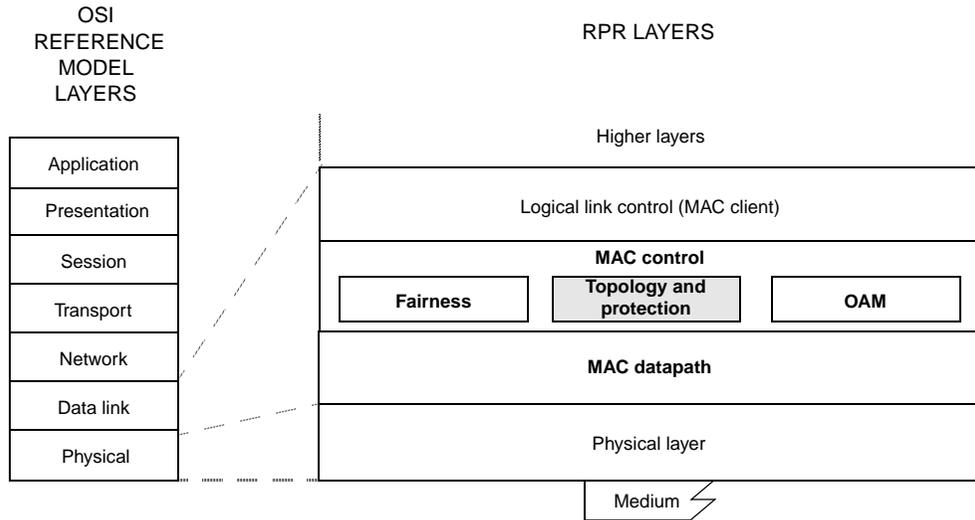


Figure 1.6—Topology and protection control function relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

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Figure 1.7 is for Clause 11.

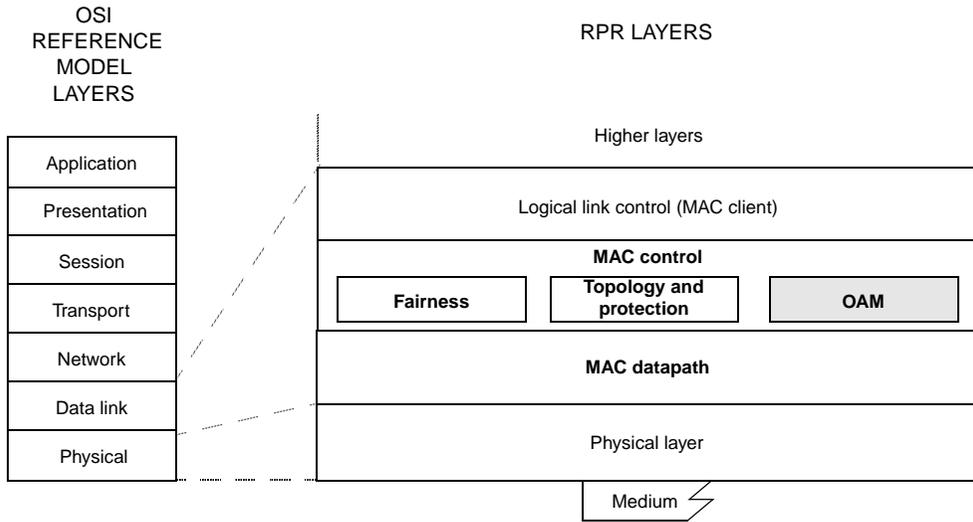


Figure 1.7—OAM control function relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

Figure 1.8 is for Clause 12.

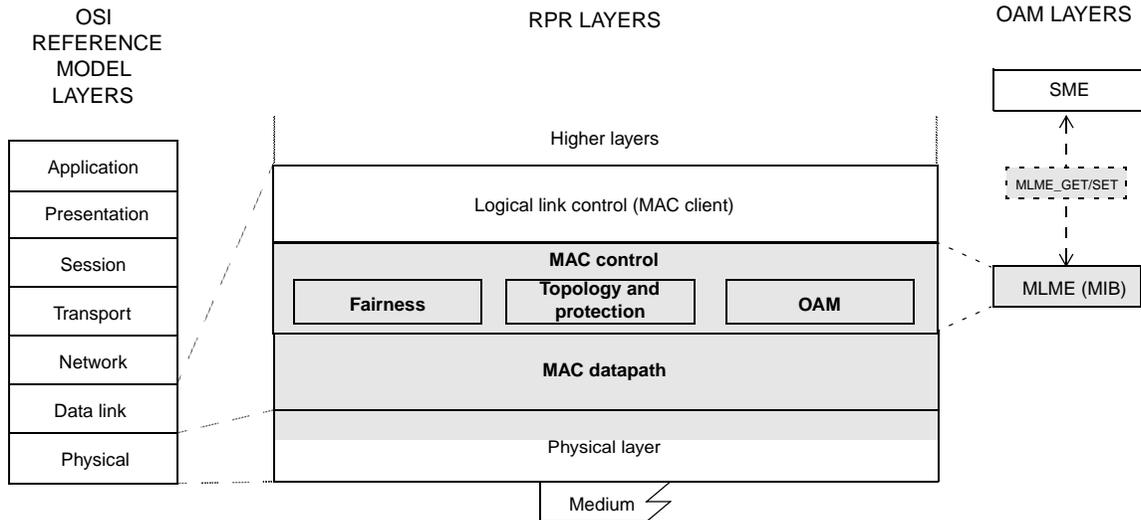
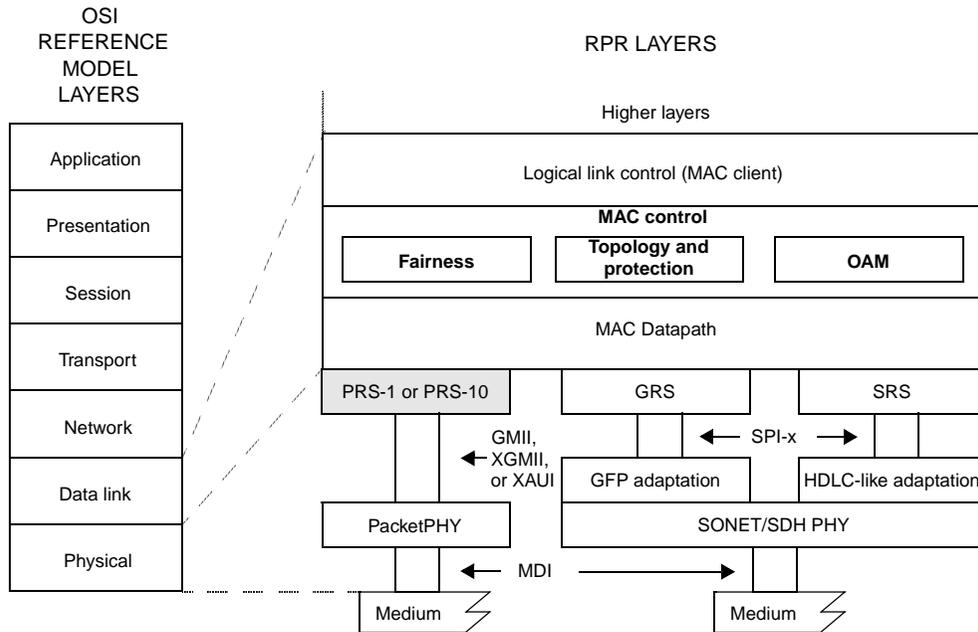


Figure 1.8—Management entities relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

Figure 1.9 is for Annex B.



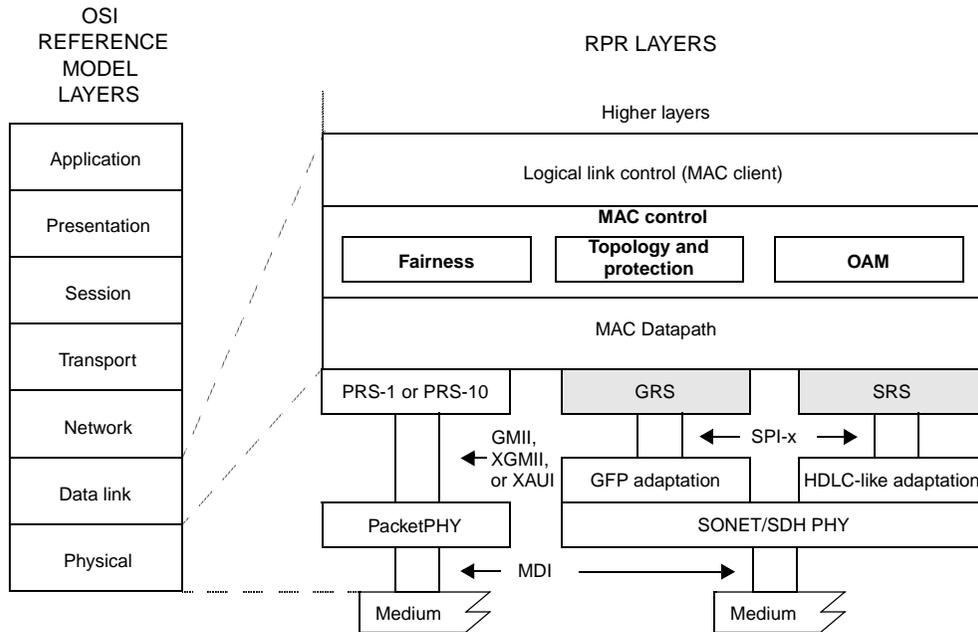
GMII = Gigabit Media Independent Interface
 PRS-1 = Gigabit PacketPHY Reconciliation Sublayer
 PRS-10 = 10 Gigabit PacketPHY Reconciliation Sublayer
 GRS = GFP Reconciliation Sublayer
 MAC = Medium Access Control

MDI = Medium Dependent Interface
 PHY = Physical Layer Entity
 SRS = SONET/SDH Reconciliation Sublayer
 XAUI = 10 Gigabit Attachment Unit Interface
 XGMII = 10 Gigabit Media Independent Interface

Figure 1.9—Reconciliation sublayer relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

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Figure 1.10 is for Annex C.



GMII = Gigabit Media Independent Interface
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 GRS = GFP Reconciliation Sublayer
 MAC = Medium Access Control

MDI = Medium Dependent Interface
 PHY = Physical Layer Entity
 SRS = SONET/SDH Reconciliation Sublayer
 XAUI= 10 Gigabit Attachment Unit Interface
 XGMII = 10 Gigabit Media Independent Interface

Figure 1.10—Reconciliation sublayer relationship to the ISO/IEC Open Systems Interconnection (OSI) reference model

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