

# IEEE 802.3

## Clause 30 - Management

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# Document Structure

- Protocol independent MIB clause
  - Clause 30
- Protocol dependent MIB annexes
  - GDMO
    - Annex 30A & 30B
  - SNMP - Link Aggregation only
    - Annex 30C
- Normally SNMP MIB produced by IETF
  - References Clause 30 definitions

# IETF & 802.3

- Co-operation with IETF Ethernet Interfaces and Hub MIB Working Group

- IETF Reference 802.3 Standard where possible

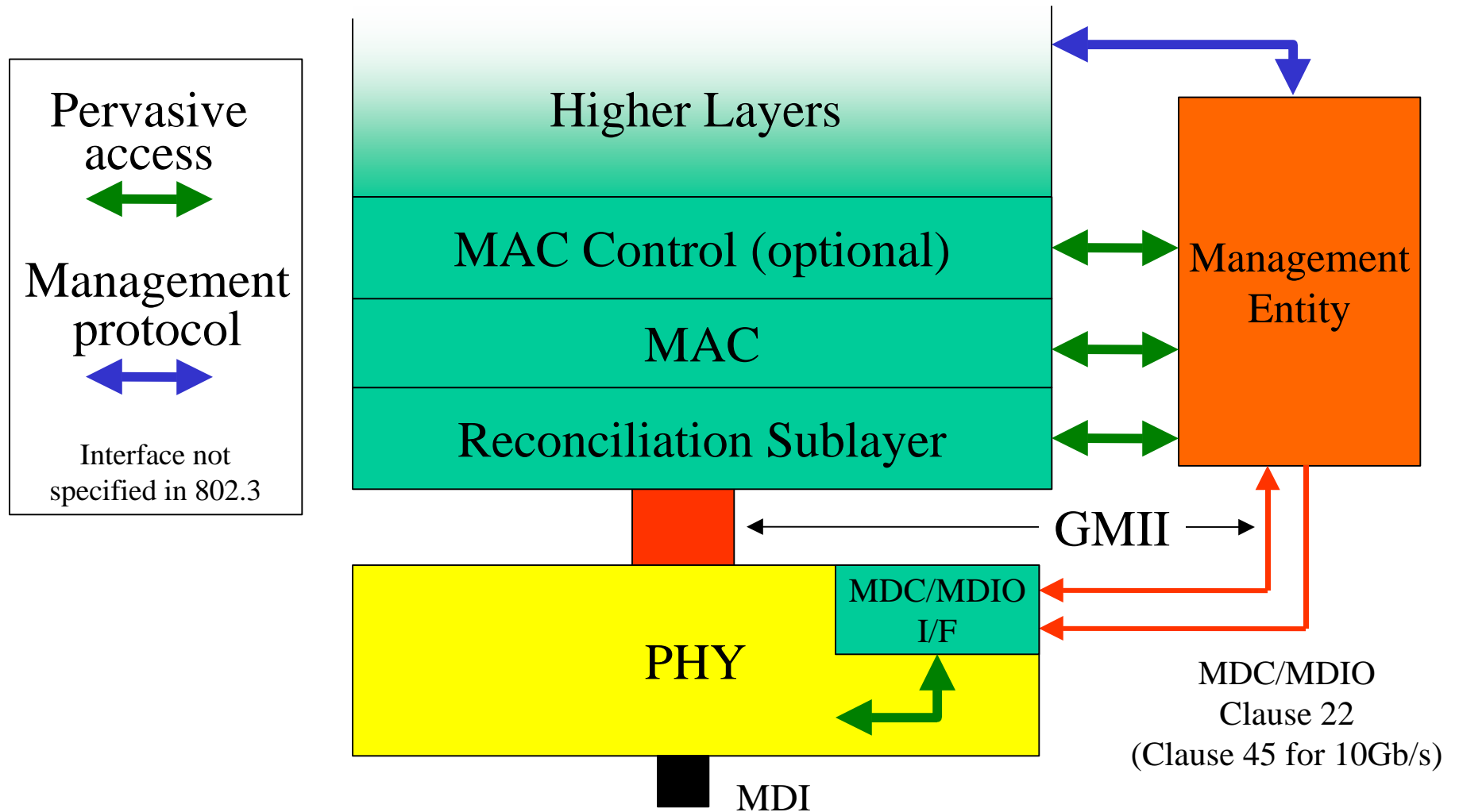
- IETF Include additional objects as necessary

- Working Group Charter update to reflect this

“This set of objects should be largely compliant with, and even draw from IEEE 802.3, although there is no requirement that any specific object be present or absent”

“When objects are added that require hardware support, IEEE 802.3 shall be informed, so that they consider to add them to their draft/standard”

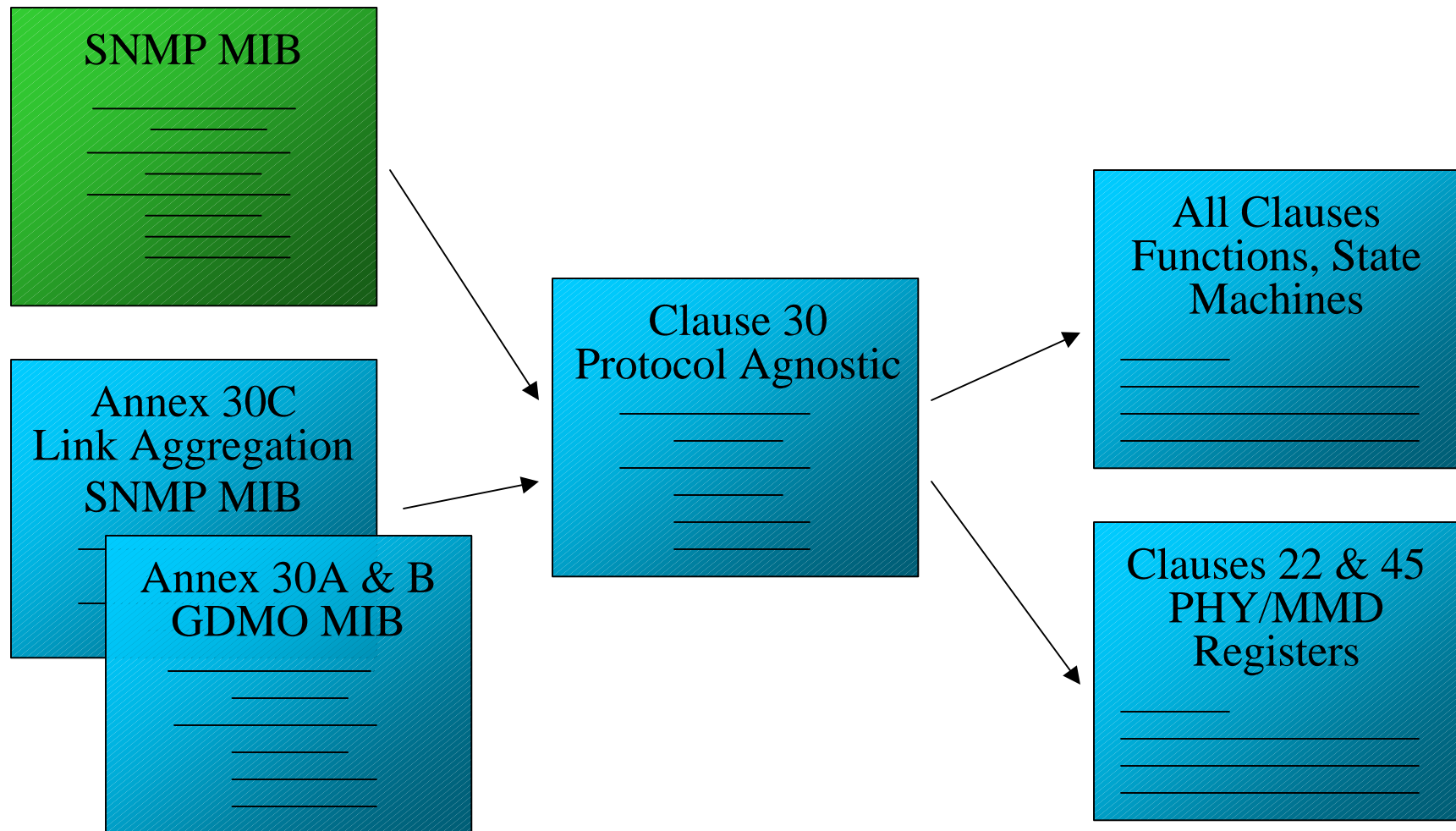
# Clause 30 Management Model



# Clause 30 Objects

- Generally provide Objects that are associated with hardware function
  - Object behaviour specifications reference functions and registers within the relevant Clause of 802.3
- Generally don't provide object if it doesn't require hardware support
  - Examples
    - Objects that could be calculated from other objects
  - IETF may add these

# References to/from Clause 30



# Summary

- Protocol Independent Clause 30
  - Generally hardware related Objects
    - References functions and/or registers in other clauses
    - Referenced by protocol specific MIBs
- IETF defines and/or update SNMP MIBs
  - As Dan reported, when the work of 802.3ah is fully defined the IETF WG will discuss including 802.3ah MIB work in its Charter.

# IETF URLs

- IETF Ethernet Interfaces and Hub MIB Working Group Charter
  - <http://www.ietf.cnri.reston.va.us/html.charters/hubmib-charter.html>
- IETF RFCs
  - <http://www.ietf.cnri.reston.va.us/rfc.html>
- Internet Drafts
  - <http://www.ietf.cnri.reston.va.us/ID.html>