

Liaison Report from 802.21

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IEEE802.21 report to IEEE802.16

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802.21 Update

- Session #8 held in Cairns, Queensland, Australia
- Two proposals were finally harmonized to a single proposal
- Single harmonized proposal was presented
- Attendance roll call for Quorum Determination
 - 30 voting members were present (57 voting members in 802.21)
- 802.21 WG accepted the first initial WG draft by voting

802.21 Draft Table of Contents

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 - Service Access Points (SAPs)
- MIH Function Services
 - MIES (Event Service), MICS (Command Service), MIIS (Information Service)
- MIH SAPs and Primitives
- Media Independent Handover Protocol
- Appendix

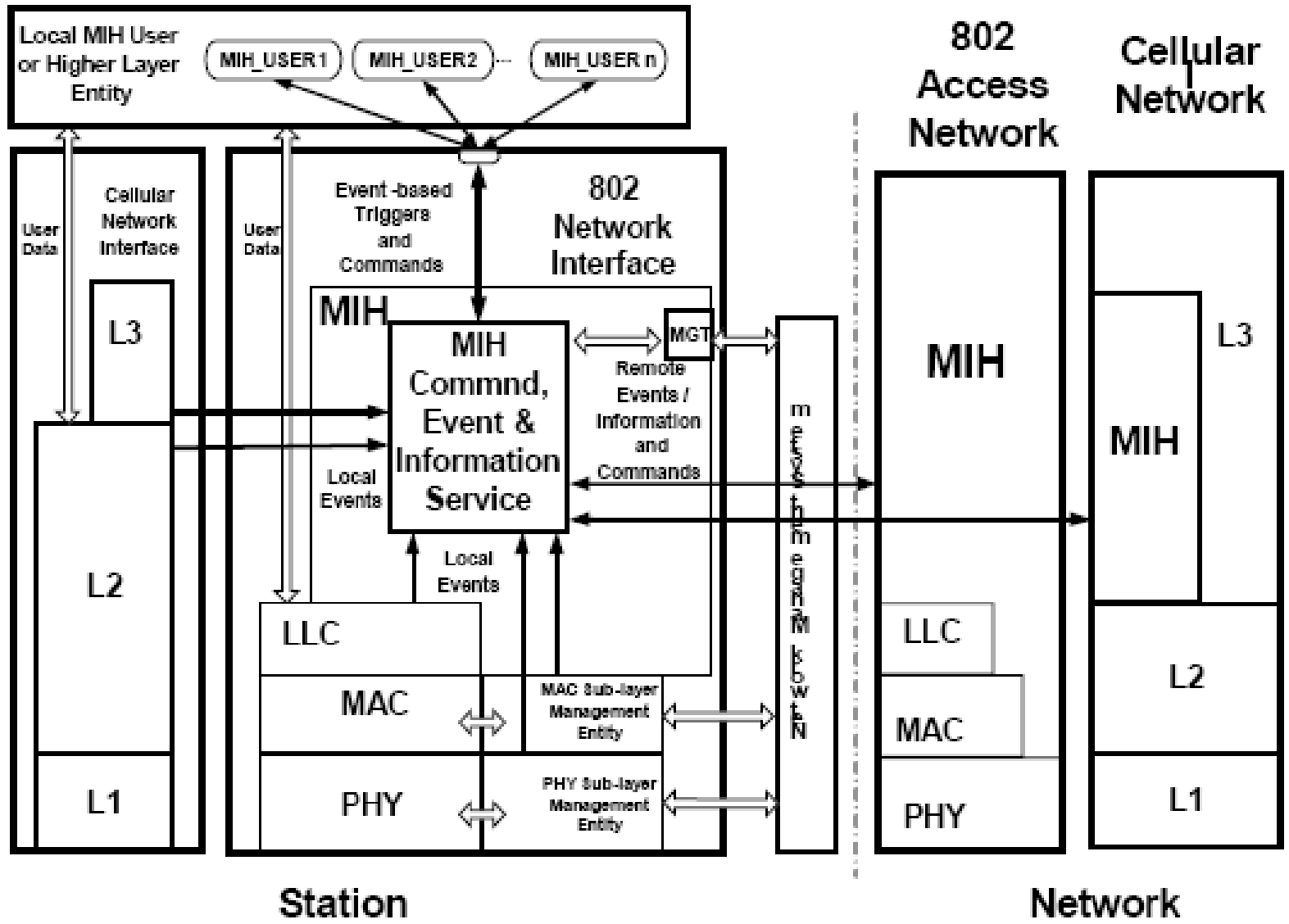
MIH Function Key Services

- Media Independent Event Service
 - Information from the link layer to the higher layers
 - Link Events, MIH Events
 - Local Events, Remote Events
- Media Independent Command Service
 - From higher layers to the lower layers
 - Manage/control link status for optimal performance
 - Link Commands, MIH Commands
 - Local Commands, Remote Commands
- Media Independent Information Service
 - Homogeneous/Heterogeneous Network Information
 - Information Elements for intelligent handover decisions of handover module

MIH Protocol

- MIH Message format should be defined for MIH peer to peer communication
- MIH Protocol
 - MIH capability discovery
 - Media Specific Broadcast message
 - E.g., Beacon in IEEE802.11, DL-MAP in IEEE802.16
 - On demand MIH capability discovery
 - Using MIH_Capability_Discover.request/response
 - MIH remote registration
 - In order to receive MIES from the remote MIH entity
 - MIH message exchange
 - L3 or L2 transport

MIH Reference Model



MIH Reference Model

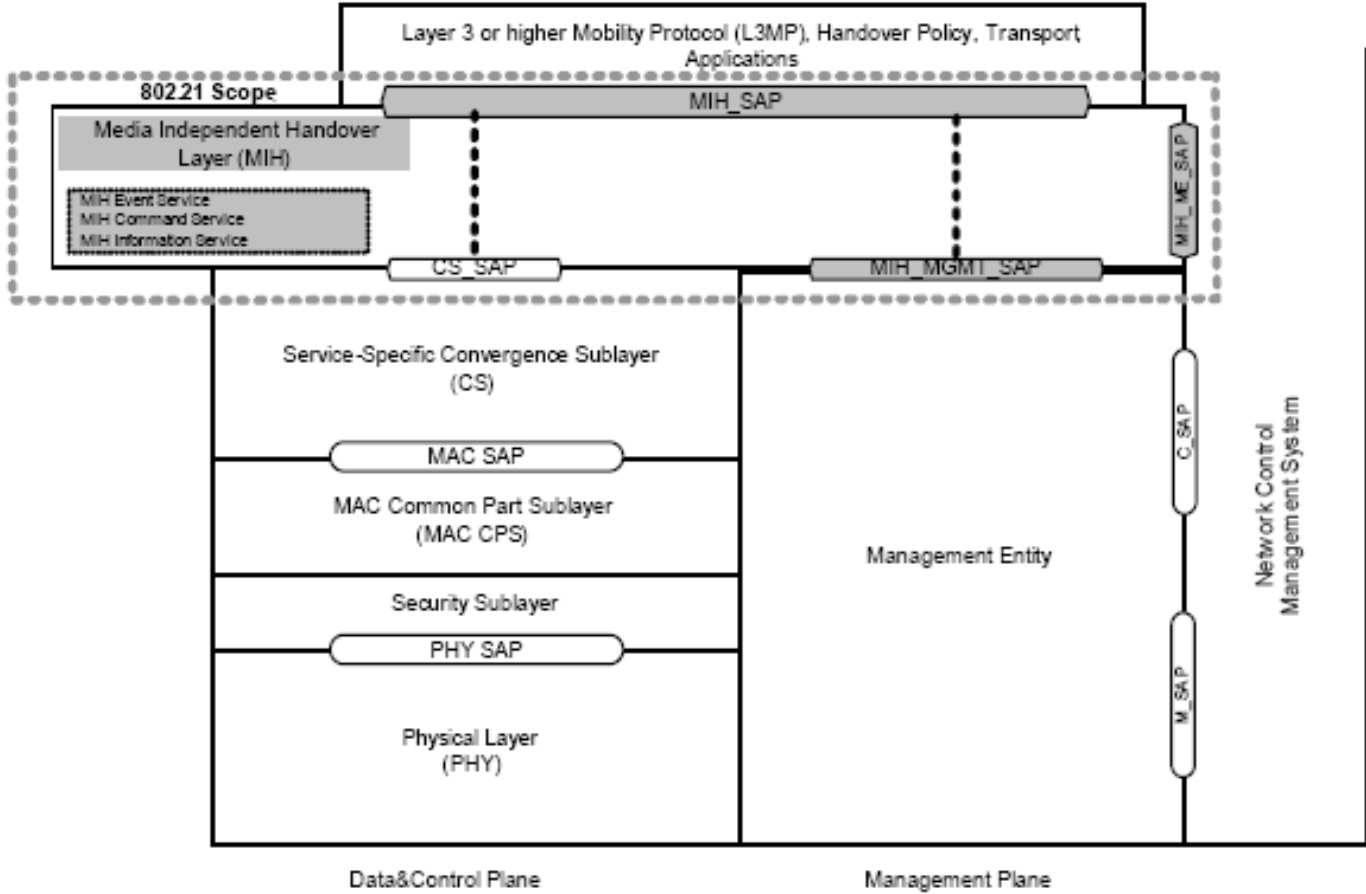


Figure 6—MIH Reference Model for 802.16