



## **IEEE 802.21 MEDIA INDEPENDENT HANDOVER**

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**Title: Liaison Report – 802.21 Work Related to 802.16**

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Abstract:



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# **Liaison Report IEEE 802.21 work**

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# Comment Resolution LB1

## IEEE P802-21/D01.00



- Approval rate 25%
- 1323 Letter Ballot Comments
- Resolved in May:
  - 309 Editorials
  - ~200 Technical
  - 408 Repetitive           => ~Total 917
- Still need to resolve in SD this week
  - ~400 Technical comments



# Comment Resolution Progress

Section	Start Comment #	End Comment #	Resolved until Comment #	Remaining Comments
1-4	1	90	0	90 (Done)
5	91	250	91-230	20 (Done)
6	251	483	251-413	70 (Done)
7	484	677	484-537	140 (Done)
8	679	915	679-715	200 (Done)
Total				520

- Still need to resolve in SD this week
  - ~520 comments (Not touched at all). Includes editorials : ~180
  - $520 - 180 = 340$  Technical Comments
  - ~100 Deferred Comments
  - Total: ~440 Comments
- This week all comments were discussed. About 50 still deferred for a follow up discussion



# Requirements for IS transport in 802.16g

- Media Independent Handover Requirements in P80216g\_D1.
  - **F.1.3.4 Transport Requirements**
    - a. The 802.16 specification shall support a new Ethertype for MIH.
    - b. The 802.16 specification shall support interactions between MIH Function on BS and MIH Function on some other PoA (such as AP in 802.11 network).
    - c. The 802.16 specification shall support a L2 transport for querying/setting information elements (IEs) over the air interface between MIH Function on MS and MIH Function on PoA (BS). The IEs shall be transferable over either a basic connection or a primary connection.
    - d. The 802.16 specification shall support a L2 transport for transferring remote events and remote command messages over the air interface between MIH Function on MS and MIH Function on PoA (BS). The Remote event and remote command messages shall be transferable over either a basic connection or a primary connection.



# Joint 802.16g/802.21 meeting



- MIH support presently advertised in DCD
- MIH Capability Supported TLV already incorporated
- MIH message encoding already included
- What other information can be obtained?
  - Pre authenticated session attributes
  - Pre authenticated MO\_MIH\_MSG query and response
  - MIH attributes as part of SBC negotiation



## 802.21 Timeline

- **PAR was approved in early 2004, group formed on March 2004**
- **Ad-Hoc Meetings**
  - **August 28-31, in NJ**
  - **October, location and time TBD**
- **Circulations**
  - **Motion passed today to generate a new 802.21draft**
  - **Deferred comments may somewhat delay the new draft**
  - **Probably next recirculation ballot to be issued after September**