Ever wondered why MAC is an abbreviation for Media Access Control?

Misc subjects

- Approval of Mar, May MAC minutes
  - Minutes of this mtg to show “approved as amended”.
- Report Preview.
- Volunteers to write up multi-rate concerns from MAC standpoint?
  - Mike, Wim.
  - Dave B will re-xmit previous email discussion msgs.
Color information request

- Moved: that the 802.11 chair is requested to investigate with 802 the possibility that the 802.11 standard could include some color printing and report the response.
  - Mac Vote: unan voice vote

May recommendation results

- Adopted by plenary 7/10/94.
- Who is providing the text for the decisions to the editors?
  - Include Fragmentation functionality
    » Rick after frag discussion.
  - MSDU = 2k+ o'head
    » Jon
  - MPDU sunny / rainy spaced by each PHY
    » Rick for general text - ask phys in plenary who will provide these nums for each phy to the editors.
May recommendation results

- Current MPDU MIB variable
  - Bob 0
- Default for current = sunny
  - Bob 0
- Current MPDU = MAC MIB Var
  - Bob 0
- MPDU floor
  - Bob 0
- One TB = DTBS
  - Kerry / Wim / Tim for DTBS text
  - removal of old TB to be done by editors.

May recommendation results

- When due to editors?
  - < 7/29/94 to editors, target is second mailing.
  - send to all the editors (Bob O, Greg E, Kerry L, Jim S).
Fragmentation

- 94/147

Moved: that the fragmentation mechanism described in document 94/147 be adopted as the basis for fragmentation mechanism incorporation in the next draft revision.

- MAC vote: 32, 1, 1
- Plenary Vote: 49, 0, 2
Fragmentation

• Moved: that the "active max mpdu size" shall be a managed object per sta rather than per BSS as previously decided.
  - MAC vote: 19, 1, 7
  - Plenary Vote: 51, 0, 2

Windowing

• Incorporated into Fragmentation work.
• No separate work needed.
To/From bits.

- 94/120 Mac frame delivery

To/From bits.

- Moved: that text for a more complete desc of the operation of the "to/from AP" bits be derived from 94/120 and included in the next revision of the draft.
  - MAC vote: 30, 0, 1
  - Plenary vote: 54, 1, 1
MIB

- 94/98A
- MAC & Station portions

Moved: that the definition of the MAC and SMT portions of the MIB as described in 94/98a be adopted and placed in the draft standard and supersede the recommendation made in the closing plenary in May to use 94/98 as a work in progress for the framework for the MIB definition.
- MAC vote: 25, 1, 6
- Plenary Vote: 51, 1, 1
Issues

• Open issues in issues log section 5
• Issue recs accepted as a group in plenary
  - 51, 0, 3

Issues

• Issue 5.9: How to find APs
  - rec: alt 1 - listen then ask
  - proposed Text for 20b1, pg 22:
    For the details of how a station learns about what APs
    are present see section 7.1.3 on scanning.
  - MAC vote: 19, 0, 5
  - Plenary Vote:
Issues

• Issue 5.6: Association direction
  - rec: alt 1
  - Proposed Text for 20b1, pg 22:
    *Association is always initiated by the mobile STA.*
  - MAC vote: 24, 0, 3
  - Plenary Vote:

• Issue 5.7, 5.8: explicit reassoc direction
  - rec 5.7: alt 1, rec 5.8: alt 1
  - proposed text for 20b1, pg 22:
    *Reassociation is always initiated by the mobile STA.*
  - MAC vote: 24, 0, 2
  - Plenary Vote:
Issues

• Issue 5.3b: what infra services needed?
  – rec: moot - covered by 5.3a text.
  – MAC vote: 25, 0, 2
  – Plenary Vote:

Issues

• Issue 20.6: frag
• closed via plenary vote on 7/11/94
Bit ordering

- 94/155

Moved: that at the M/P interface all information shall be in canonical bit order.
  - MAC vote: 27, 1, 2

amended in plenary to

Moved: that at the M/P interface all information shall be in the bit order specified in 802.2.

Plenary Vote on amended motion: 45, 4, 12
Bit ordering

- Moved: that the final frame formats adopted by 802.11 shall be an integral number of octets.
  - MAC vote 29, 0, 0
  - Plenary Vote: 44, 2, 10

Bit ordering

- Moved: that the changes within 94/155 section 2.1 be incorporated in the 802.11 draft and octets are transmitted in ascending order.
  - (2.1 says: each octet of the MAC frame, with the exception of the CRC, is transmitted low order bit first, which is bit 0.)
  - MAC vote 26, 1, 1
  - Plenary Vote: 51, 2, 6
DTBS

- 94/150
  - Disc of PaS implications.
  - Desire disc with phy group in joint M/P session.
  - Covered in Joint M/P session on Wed.

DTBS

- Moved: that 802.11 should adopt the priority based DCF proposal as documented in 94/150.
  - MAC vote: 16, 11, 8
  - Plenary Vote: 14-20-23
July cut vs schedule discussion.

- Suggestion: only async service for Nov, suspend work on non-async.
  - straw poll, 6, 15, 8
- The MAC group believes the MAC will be complete for November LB.

Goals for Sept 94

- Final prep of MAC draft text for Nov Letter Ballot.
  - B2 draft review, clarification etc
- Remaining open issues.
  - RT, Frame format details, multi rates etc.
- Complete parameter values
- DTBS (effort dependent on July plenary vote)
MAC group report

• That's all folks...