1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

P802.1AB/D10
July, 2004

DISPOSITION OF BALLOT COMMENTS from voters who voted "no" ON IEEE Draft P802.1AB/D10

DRAFT IEEE Standard for Local and Metropolitan Area Networks: Station and Media Access Control Connectivity Discovery

Sponsor
LAN MAN Standards Committee of the IEEE Computer Society

Prepared by: **Bill Lane, Project Editor**

8320 Woodman Ln., Newcastle, CA 95658; e-mail bill_lane@ieee.org

Commentary:

This Disposition of Ballot Comments from voters casting negative votes during the working group confirmation ballot on P802.1AB/D10 and to record the resolutions of those ballot comments that are agreed upon during the plenary meeting of 802.1 to be held in Portland, Oregon, during the week of July 12 through 16, 2004. The document contains:

1) A table of responses received.
2) Listings of all comments received from voters casting negative votes on draft 10. Each comment is accompanied by a disposition.

1. Table of Responses

The following table indicates the status of each ballot response received in the P802.1AB/ D10 confirmation ballot. The Status column indicates the voting status of the responder. *V(oting)* indicates an eligible voting member of the ballot pool at the start of the ballot period. *C(oordination)* indicates a coordination response. The ***Vote*** column indicates the vote cast; Y = Approve, N = Disapprove, A = Abstain, C = Comment only.

Table 1 lists the eligible voters and coordinators in the ballot pool. The comment column indicates whether or not comments were received from the associated voter during draft 10 balloting.

Table 1—Table of responses

STATUS	VOTE	NAME	COMMENTS
V	A	Butch Anton	N
V		Hugh Barrass	
C		Bruce Barrow	
V		Clint Chaplin	
V	Y	Keith Chow	N
C	C	Michelle Turner, IEEE Editorial Coordinator	Y
C		D. C. Mohla, IEEE SCC10 Coordinator	
V	Y	Dr. Guru Dutt Dhingra	N
V	Y	Wael Diab	N
V	Y	Thomas Dineen	N
V	Y	Dr. Sourav Dutta	N
V	Y	Clint Early, Jr.	N
V	Y	Will Foulds	N
V	Y	Samuel Fryer	N
V	Y	Yukihiro Fujimoto	N
V		Devon Gayle	

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

Table 1—Table of responses

STATUS	VOTE	NAME	COMMENTS
V	Y	Mike Geipel	Y
V	Y	Patrick Gonia	N
V		Robert Grow	
V		Stuart Holoman	
V	Y	Atsushi Ito	N
V	Y	Peeya Iwagoshi	N
V	Y	Raj Jain	N
V	**N**	**David James**	**Y**
V	Y	Neil Jarvis	N
V	Y	Tony Jeffree	Y
V	Y	Peter Jones	N
V		Junghong Kao	
V	Y	Piotr Karocki	Y
V		Stuart Kerry	
V		Patrick Kinney	
V		John Lemon	
V	Y	Randolph Little	N
V		Nikolai Malykh	
V	Y	Jonathon McLendon	N
V	Y	David Mitton	N
V		Denish Mohan	
V	Y	Mike Moreton	Y
V	Y	Narayanan Murugesan	N
V	Y	Jeremy Newberry	N

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

Table 1—Table of responses

STATUS	VOTE	NAME	COMMENTS
V	A	Nick S. A. Nikjoo	N
V	Y	Donald O'Connor	N
V	**N**	**Bob O'Hara**	**Y**
V	**N**	**Satoshi Obara**	**Y**
V	Y	Chris Osterloh	N
V	Y	Stephen Palm	N
V		Glenn Parsons	
V	Y	Vikram Punj	N
V	A	Maximilian Riegel	N
V	A	John Roese	N
V	Y	Floyd Ross	N
V	Y	Marco Scorrano	N
V	A	Vaughn Sheline	N
V	Y	Gil Shultz	N
C	Y	John C. Scott, IEEE SCC14 Coordinator	Y
V	Y	Matt Squire	Y
V		Adrian Stephens	
V	Y	Joseph Tardo	N
V	Y	Mark-Rene Uchida	N
V	A	Scott Valcourt	N
V	Y	Karl Weber	Y
V	Y	Derek Woo	N
V	Y	Oren Yuen	N

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

Table 2—Results

CATEGORY	TOTAL	PERCENTAGE
Yes	39	84.8
No	3	6.5
Abstain	4	8.7
Coordination	2	4.3
No. of Voters	59	--
Voters responding	46	78

2. Ballot comments from voters casting negative votes

Thirty comments were submitted by three voters who cast negative votes on P802.1AB/ D10.

Comment 1   **David James**

COMMENT TYPE: T

CLAUSE:

PAGE: 1 (cover page?)

LINE: 1
COMMENT START:

Line numbers should be contained within all drafts; otherwise, the proper location is hard to determine.

COMMENT END:

SUGGESTED CHANGES START:

Add line numbers on the side of all pages.

SUGGESTED CHANGES END:

Disposition of Comment 1

Reject - Line numbers have not been needed in the frontmatter during development of the standard. Line numbers are provided on all pages of the draft body.

Comment 2   **David James**

COMMENT TYPE: T

CLAUSE:

PAGE: ii (also cover page?)

LINE: 3 (1-4?)
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

"Change to: Draft Standard for Local and metropolitan networks: Station and media

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

access control connectivity discovery"

.SUGGESTED CHANGES END:

Disposition of Comment 2

Reject - The title of the standard must be identical to the title of the approved PAR: Standard for Local and Metropolitan Area Networks: Station and Media Access Control Connectivity Discovery

Comment 3   David James

COMMENT TYPE: T

CLAUSE:

PAGE: iii (ii?)

LINE: 12

COMMENT START:

Untrue statement discourages the readers from providing valid comments.

COMMENT END:

SUGGESTED CHANGES START:

"Delete the following: PLEASE NOTE: All issues related to IEEE or ISO/IEC standards presentation style, formatting, spelling, etc. are routinely handled between the 802.1 Editor and the IEEE Staff Editors prior to publication, once the balloting process has completed the process of achieving agreement on the technical content of the standard."

SUGGESTED CHANGES END:

Disposition of Comment 3

Reject - The referenced statement is part of the introduction which will be removed prior to publication. The statement reflects the intent of 5.4.3.2 of the IEEE Standards Association Operations Manual and review of comment dispositions from earlier drafts shows that it definitely has not discouraged readers from making numbers of editorial suggestions.

Comment 4   David James

COMMENT TYPE: T

CLAUSE:

PAGE: 1

LINE: 12

COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

"Change to: Draft Standard for Local and metropolitan networks: Station and media access control connectivity discovery"

.

SUGGESTED CHANGES END:

Disposition of Comment 4

Reject - The title of the standard must be identical to the title of the approved PAR: Standard for Local and Metropolitan Area Networks: Station and Media Access Control Connectivity Discovery

Comment 5   **David James**

COMMENT TYPE: T

CLAUSE: (1)

PAGE: 1

LINE: 18

COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: The link layer discovery protocol (LLDP)

SUGGESTED CHANGES END:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

Disposition of Comment 5

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 6   David James

COMMENT TYPE: T

CLAUSE: (1)

PAGE: 1

LINE: 26
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

the simple network management protocol (SNMP).

SUGGESTED CHANGES END:

Disposition of Comment 6

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 7   David James

COMMENT TYPE: T

CLAUSE: (1)

PAGE: 1

LINE: 36
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: The link layer discovery protocol (LLDP)

SUGGESTED CHANGES END:

Disposition of Comment 7

Reject comment as technical, accept suggestion in principle - Change "This document defines a Link Layer Discovery Protocol that:" to "This document defines a protocol that:"

Comment 8   David James

COMMENT TYPE: T

CLAUSE:

PAGE: 1
LINE: 58 (???)
COMMENT START:

Odd page numbers should be on the right

COMMENT END:

SUGGESTED CHANGES START:

Adjust template so that odd page numbers are on the right

SUGGESTED CHANGES END:

Disposition of Comment 8

Reject comment technical designation, accept suggested change

Comment 9   David James

COMMENT TYPE: T

CLAUSE: (3)

PAGE: 5

LINE: 4
COMMENT START:

Inconsistent statement

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

COMMENT END:

SUGGESTED CHANGES START:

Remove references to the IEEE dictionary. It has too many inconsistent duplicate definitions.

SUGGESTED CHANGES END:

Disposition of Comment 9

Reject - This reference is required by the IEEE editorial staff

Comment 10 **David James**

COMMENT TYPE: T

CLAUSE: 3.6

PAGE: 5

LINE: 25
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: link layer discovery protocol (LLDP)

SUGGESTED CHANGES END:

Disposition of Comment 10

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 11 **David James**

COMMENT TYPE: T

CLAUSE: 3.7

PAGE: 5

LINE: 29
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: link layer discovery protocol (LLDP)

SUGGESTED CHANGES END:

Disposition of Comment 11

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 12   **David James**

COMMENT TYPE: T

CLAUSE: 3.12

PAGE: 5

LINE: 29
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: management information base (MIB) module

SUGGESTED CHANGES END:

Disposition of Comment 12

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 13   **David James**

COMMENT TYPE: T

CLAUSE: 3.14

PAGE: 5

LINE: 49

COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: network management system (NMS)

SUGGESTED CHANGES END:

Disposition of Comment 13

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 14   **David James**

COMMENT TYPE: T

CLAUSE: 3.19

PAGE: 6

LINE: 11

COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: physical service access point (PSAP)

SUGGESTED CHANGES END:

Disposition of Comment 14

Reject comment technical designation, accept suggestion in principle - Change to "PHY service access point" to agree with the acronym definition in Clause 4 (page 7, line 29)

Comment 15   **David James**

COMMENT TYPE: T

CLAUSE: 3.22

PAGE: 6

LINE: 20
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: 21 type, length, and value fields

SUGGESTED CHANGES END:

Disposition of Comment 15

Reject comment technical designation, accept in principle - except delete "21" from the suggested change

Comment 16   **David James**

COMMENT TYPE: T

CLAUSE: 4

PAGE: 7

LINE: 31
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

SUGGESTED CHANGES START:

Change to: physical media dependent (sublayer)

SUGGESTED CHANGES END:

Disposition of Comment 16

Reject comment technical designation, accept suggestion

Comment 17   David James

COMMENT TYPE: T

CLAUSE: 5.1

PAGE: 8

LINE: 10
COMMENT START:

Proper noun not capitalized

COMMENT END:

SUGGESTED CHANGES START:

Change to: Clause 6

SUGGESTED CHANGES END:

Disposition of Comment 17

Reject comment technical designation, accept suggestion

Comment 18   David James

COMMENT TYPE: T

CLAUSE: (6)

PAGE: 9 (10)

LINE: 10 (Figure 6-1)
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Only capitalize the first word of a heading. Thus, "agent" and "entity" should be lower case.

SUGGESTED CHANGES END:

Disposition of Comment 18

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 19   David James

COMMENT TYPE: T

CLAUSE: (6)

PAGE: 9 (10)
LINE: 18 (Figure 6-1)
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: link layer discovery protocol, link service access point, MAC service access point.

SUGGESTED CHANGES END:

Disposition of Comment 19

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 20   David James

COMMENT TYPE: T

CLAUSE: (6)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

PAGE: 9 (10)

LINE: 31 (Figure 6-2)

COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Lower case all but the first word of a heading, including:local device, remote device, frames, manager, agent, device information, (optional).

SUGGESTED CHANGES END:

Disposition of Comment 20

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 21   **David James**

COMMENT TYPE: T

CLAUSE: (7.2)

PAGE: 11

LINE: 20

COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

link layer discovery protocol data unit.(LLDPDU)

SUGGESTED CHANGES END:

Disposition of Comment 21

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 22 **David James**

COMMENT TYPE: T

CLAUSE: (7.2)

PAGE: 11

LINE: 21
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

"Change to: include type, length, and value fields"

SUGGESTED CHANGES END:

Disposition of Comment 22

Reject comment technical designation, accept suggestion

Comment 23 **David James**

COMMENT TYPE: T

CLAUSE: (7.2)

PAGE: 11

LINE: 41
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

Make consistent: Time-to-live TLV (line 41) and time-to-live (TTL) value (line 52)

SUGGESTED CHANGES END:

Disposition of Comment 23

The working group considers the content of this comment to be a matter of style rather than a technical issue. As such, this comment will be coordinated with the IEEE publications editor for consideration during preparation for publication.

Comment 24   **David James**

COMMENT TYPE: T

CLAUSE: (8)

PAGE: 15

LINE: 1
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: LLDPDU transmission, reception, and addressing

SUGGESTED CHANGES END:

Disposition of Comment 24

Reject comment technical designation, accept suggestion - This is a requirement of the style guide - do global search for all other similar instances of clause/subclause title capitalization

Comment 25   **David James**

COMMENT TYPE: T

CLAUSE: (8)

PAGE: 15

LINE: 7
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: MAC service request

SUGGESTED CHANGES END:

Disposition of Comment 25

Reject comment technical designation, accept suggestion in principle - also correct "MAC Service" in line 8 and do global search for other instances

Comment 26   **David James**

COMMENT TYPE: T

CLAUSE: (8)

PAGE: 16

LINE: 10
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change to: Ethertype Use and Encoding

SUGGESTED CHANGES END:

Disposition of Comment 26

Reject comment technical designation. While this comment could be rejected as editorial since the subclause title already conforms to the suggested change, doing so would be contrary to the recommendation and disposition of comment 39. Change to "Ethertype use and encoding"

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

Comment 27   **David James**

COMMENT TYPE: T

CLAUSE: (8)

PAGE: 16

LINE: 22
COMMENT START:

Excess capitalization. The general strategy of doing this in an adhoc fashion and beating up everyone that complains is insufficient and leads to confusion with applied to technical terms also.

COMMENT END:

SUGGESTED CHANGES START:

Change here and throughout: entity

SUGGESTED CHANGES END:

Disposition of Comment 27

Reject comment technical designation, accept suggestion - do global search for 'entity"

Comment 28   **David James**

COMMENT TYPE: T

CLAUSE: (8)

PAGE: 16

LINE: 32
COMMENT START:

Excess capitalizationand redundant protocol word

COMMENT END:

SUGGESTED CHANGES START:

Change to: The subnetwork access protocol (SNAP) discriminator

SUGGESTED CHANGES END:

Disposition of Comment 28

Reject comment technical designation, accept suggestion in principle - Add "(SNAP)" to the end of line 29-30 and delete "Subnetwork Access Protocol" from the note in line 32.
.

Comment 29   **Satoshi Obara**

COMMENT TYPE: T

CLAUSE: 6

PAGE: 10

LINE: Figure 6.1
COMMENT START:

In Fig 6-1 , I can find LLC sublayer and LSAP. But I cannot find any definition nor specification about LSAP in following draft document. I cannot find any relationship with IEEE802.2 stds.

COMMENT END:

SUGGESTED CHANGES START:

If LLDP is the user of LLC, we should define DSAP and SSAP value of LLC sublayer. And add "IEEE802.2 stds" to the reference section. If LLDP uses LLC, LLDP should be consistent with IEEE802.2 stds.

If LLDP uses only TLV for Service Access Point, remove all LLC related descriptions. Because LLC only uses DSAP and SSAP not TLV for Service Access Point.

It seems to me that LLDP is the user of MAC sublayer.

SUGGESTED CHANGES END:

Disposition of Comment 29

Add a note for encodings in Annex D. We already have a reference to 802-2001. Add a reference to 802-2. Copy the note from clause 8 into this area of the text as well. Respond to comment by saying we have an LSAP for SNAP encoding on media other than Ethernet, and we need an update to 802 to show how EtherType should be represented in diagrams such as Fig 1 in 802-2001

Comment 30   **Bob O'Hara**

COMMENT TYPE: T

CLAUSE: (8.3)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

PAGE: 16

LINE: 19

COMMENT START:

The Ethertype for this protocol is not specified.

COMMENT END:

SUGGESTED CHANGES START:

Specify an Ethertype for the protocol.

SUGGESTED CHANGES END:

Disposition of Comment 30

Accept - the assigned Ethertype # for LLDP will be inserted in the next draft