**RF Spectrum Ad Hoc Motion and Straw Poll Summary**

**MOTIONS**

**March 2013 IEEE 802.3bn Meeting**

**Motion #16**

The granularity for setting the Center Frequency (fc) of the 192-MHz OFDM Channel, in both US and DS, shall be 1 MHz

Move: Steve Shellhammer

Second: Duane Remein

Yes: 38

No: 0

Abstain: 6

Technical Motion >= 75%

Motion Passed

**Motion #17**

The EPoC PHY shall be capable of communicating an upper bound of the RF spectrum of at least 5 GHz.

Move: Steve Shellhammer

Second: Duane Remein

Yes: 30

No: 0

Abstain: 11

Technical Motion >= 75%

Motion Passed

**Motion #18**

Downstream and upstream exclusion sub-bands within an OFDM channel can be configured in both the CLT and CNU by MDIO

Move: Steve Shellhammer

Second: Duane Remein

Yes: 39

No: 0

Abstain: 3

Technical Motion >= 75%

Motion Passed

**Motion #19**

The downstream and upstream exclusion sub-band configurations in an OFDM channel can be communicated from the CLT to the CNU over the PHY Link Channel.

Move: Steve Shellhammer

Second: Duane Remein

Yes: 41

No: 0

Abstain: 3

Technical Motion >= 75%

Motion Passed

**Motion #20**

The PHY will have a number of MDIO registers to report on subcarrier or subcarrier group, signal parameters including quality.

Move: Steve Shellhammer

Second: Duane Remein

Yes: 37

No: 0

Abstain: 3

Technical Motion >= 75%

Motion Passed

**Motion #21**

The minimum contiguous downstream spectrum with no internal exclusion sub-bands, should be 24 MHz. This does not preclude nulled subcarriers which do not carry information.

Move: Steve Shellhammer

Second: Duane Remein

Yes: 24

No: 4

Abstain: 14

Technical Motion >= 75%

Motion Passed

**STRAW POLLS**

**November 2012 IEEE 802.3bn Meeting**

**Straw Poll #1**

FDD Downstream – shall we specify a single lower band edge? (all implementations must support this edge)

Poll Author: Tim Brophy

Yes: 22

No: 0

Too soon to decide: 9

**Straw Poll #2**

FDD downstream: single lower band edge?

Poll Author: Saif Rahman

108 MHz: 2

54 MHz: 0

~300MHz: 5

Too soon to decide: 21

**Straw Poll #3**

FDD downstream: should the standard specify a lower band edge for CLT transmitter?

Poll Author: Jorge Salinger

Yes: 20

No: 0

Too soon to decide: 5

**Straw Poll #4**

FDD downstream: should the standard specify a lower band edge for CNU receiver?

Poll Author: Jorge Salinger

Yes: 23

No: 0

Too soon to decide: 5

**February 12, 2013**

**Straw Poll #1**

Downstream and upstream exclusion sub-bands are to be configured in both the CLT and CNU by MDIO

Yes 11

No 0

Abstain 0

**Straw Poll #2**

The downstream and upstream exclusion subband configuration can be communicated from the CLT to the CNU over the PHY Link Channel

Yes 10

No 1

Abstain 0

**Straw Poll #3**

The PHY will have a number of MDIO registers to report on subcarrier, or subcarrier group, signal quality

Yes 11

No 0

Abstain 0

February 19, 2013

**Straw Poll #1**

The granularity for setting the Center Frequency (fc) of the RF Channel should be:

8 MHz 0

6 MHz 0

2 MHz 2

1 MHz 8

500 kHz 0

200 kHz 0

Undecided 1

**Straw Poll #2a**

The system should be capable of communicating an upper bound of the RF spectrum of:

1 GHz 0

1.2 GHz 0

1.8 GHz 0

2.5 GHz 0

5.0 GHz 11

Other GHz 0

**Straw Poll #2b**

I prefer the minimum upper bound of the RF spectrum supported by the PHY to be:

TDD FDD

1.0 GHz 2 2

1.2 GHz 3 7

1.8 GHz 1 1

3.0 GHz 0 0

Other GHz 0 0

Don’t know 5 1

**Straw Poll #3a**

I prefer the minimum Lower bound of the RF spectrum supported by the PHY to be:

FDD DS

85 MHz 2

108 MHz 6

120 MHz 0

240 MHz 0

300 MHz 0

550 MHz 2

Other 0.0 MHz

Don’t know 0

**Straw Poll #3b**

I prefer the minimum Lower bound of the RF spectrum supported by the PHY to be:

TDD (low band)

5 MHz 9

54 MHz 0

85 MHz 0

108 MHz 0

120 MHz 0

240 MHz 0

300 MHz 0

550 MHz 1

Other MHz 0

Don’t know 1

**March 5, 2013**

**Straw Poll #3a**

I support FDD downstream Frequency band edges of 108 MHz & 1200 MHz

Yes 5

No 5

**Straw Poll #4 (People can vote for as many options as they like)**

The granularity for setting the location and width of DS Exclusion Bands should be

2 MHz 7

1 MHz 9

500 kHz 4

200 kHz 0

50 kHz 0

25 kHz 0

Other None

**Straw Poll #4b**

The minimum contiguous DS spectrum should be 24 MHz

Yes 10

No 0

**Straw Poll #5 (People can vote for as many categories as they like)**

I would prefer to set internal exclusion bands by:

A) Specifying start location and width

B) Specifying start location and end location

C) Specifying center frequency and width

D) Abstain

A 5

B 7

C 5

D 1

**March 12, 2013**

**Straw Poll #1**

The maximum number of separate internal DS Exclusion Bands should be,

2 0

4 0

6 0

8 3

16 4

Other 1(128)

Abstain 2

**March 26, 2013**

**Straw Poll #1**

The granularity for setting the location and width of downstream exclusion sub-bands should be,

2 MHz 0

1 MHz 1

500 kHz 0

200 kHz 1

50 kHz 3

25 kHz 0

Other 0

Abstain 5

**Straw Poll #2**

The maximum number of separate downstream exclusion sub-bands should be,

4 0

6 0

8 7

16 0

Other 0

Abstain 1