Skew comment resolution

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Comments included

#	Topic	Clause	Author	Presentation
622	Skew names	00	Dawe	
430	Skew definitions	80	Abbott	
431	Skew definitions	82	Abbott	
282	Skew definitions	82	Healey	
280	Total skew values	80	Isono	Isono_01_0109
445	Total skew values	80	Dudek	
471	Total skew values	86	Dudek	
474	Total skew values	87	Dudek	
479	Total skew values	88	Dudek	
625	Dynamic skew values	80	Dawe	
616	Dynamic skew values	83	Dawe	
621	Dynamic skew values	86	Dawe	

Skew names and definitions

- 622
  - Change “Dynamic Skew” to “Uncorrelated Wander” – [OIF definition of Uncorrelated Wander is “Components of wander that are not correlated across all applicable in band signals.” What does this mean?]
  - Change “Total Skew” to “All-lanes Skew” (“Maximum Skew” or “Greatest Skew”)
- 430, 431
  - Location
  - Multimode vs singlemode (see anslow_04_0109 and #503)
  - “time that the link is operational” meaning
- 282
  - clarify the intended relationship between Total Skew and Dynamic Skew

Proposal

Skew is defined as the difference between the times of the earliest PCS lane and latest PCS lane for the one to zero transition of the alignment marker sync bits. Skew Change is defined as the difference between the lowest value of Skew and the highest value of Skew over the entire time that the link is operational.

Place definitions in clause 80

Total Skew values

	D 1.1	280	Isono a	Isono b	445	Resolution
SP1 ns	29	29	29	29	29	
SP2 ns	43	43	43	43	43	
SP3 ns	44	53	54	54	54	
SP4 ns	144	136	134	154	134	
SP5 ns	146	146	145	165	146	
SP6 ns	160	160	160	180	160	
At PCS receive ns	180	180	180	200	180	

Isono_01_0109 also proposes to move SP5 and SP6

Dynamic Skew values

	D 1.1	625	Resolution
SP1 ns	0.2	0.1 or 0.15	
SP2 ns	0.4	0.2 or 0.3	
SP3 ns	0.6	0.6	
SP4 ns	3.4	3.4	
SP5 ns	3.6	3.6	
SP6 ns	3.8	3.8	
At PCS receive ns	4	4	