	Erik Smith						
Commenter:	· · ·	_					
Sequence	Tech/Edit	Page	Index	Comment	Proposed Solution	Status	
				The final entry (Table H.1) in the	Remove the bold format.		
	_		T-61-	table list contains bold			
1	E	xxi	Table	formatted characters. Figure 4 does not include a	Update Figure 4 to include a VA_Port		
,	E	1 ,	Figure 4	VA_Port reference.	opuate rigure 4 to include a VA_Fort		
	_	<u> </u>	i iguic 4	There is no definition for A_Port	Add a definition for A Port		
			3 -	There is no definition for $\mathcal{H}_{\underline{-}}$ or	rad a definition for A_1 or a		
			Definitions				
			and				
3	E	8	conventions				
			3.5.2	The words "up to two" limit the	Strike the words "up to two" from the		
			Controlling	potential number of controlling	definition.		
			FCF Set	FCFs to two and I believe we			
4	T	13	definition	want to allow n.			
			4.2.5 FC-	There is no VA_Port to VA_Port	Add a VA_Port to VA_Port reference		
			BB_E	reference model.	model.		
			reference				
5	E	23	models				
				The final sentence of this	Suggest replacing the final sentence of		
				section is missing a reference to			
				VA_Port to VA_Port virtual	"The FC-BB_E protocol provides		
				links.	mechanisms to create VN_Port to		
					VF_Port virtual links, VE_Port to		
			4.3.4 FC-		VE_Port virtual links, VN_Port to		
	Т	,,,	4.3.4 FC- BB_E		VN_Port virtual links and VA_Port to VA_Port virtual links."		
- 6	ı	2/	DD_C	VA_Port references are missing.	Suggest replacing the first two		
				VA_FOR Telefelices are missing.	sentences of 4.4.2.3 with:		
					"Class 2, 3, and F Fibre Channel frames		
					arriving from a VN_Port, a VF_Port, a		
					VE_Port or a VA_Port shall be		
					encapsulated in FCoE frames and		
					transmitted to the appropriate FC-		
					BB_E device.		
					_		
					FCoE frames received from a remote		
					FC-BB_E device shall be de-		
					encapsulated and sent to the		
			4.4.2.3 FC-		appropriate VN_Port, VF_Port, VE_Port		
7	Т	28	BB_E		or VA_Port."		
				VA_Port references are missing	Suggest rewording the second		
				from the second paragraph up	sentence of the second paragraph up		
				from the bottom of the page.	from the bottom of the page to include		
					references to VA_Ports as follows:		
					"Fibre Channel links connect PN_Ports		
					to PF_Ports, PE_Ports to PE_Ports and		
0	_	87	, ,,		PA_Ports to PA_Ports.		
8	Т	8/	7.2		Suggest rewording the third sentence		
					of the final paragraph on page 87 as		
				page.	follows:		
				, , , , , , , , , , , , , , , , , , ,	"FCoE supports VE_Port to VE_Port		
					Virtual Links, VN_Port to VF_Port		
					Virtual Links, VN_Port to VN_Port		
					Virtual Links and VA_Port to VA_Port		
9	Т	87	7.2		Virtual Links."		
		1		VN_Port causality dilemma in	Suggest rewording the second		
					sentence of the final paragraph on		
				paragraph on page 89. The	page 89 as follows:		
					"Each VN2VN ENode may instantiate		
				a connection to an other	one or more VN_Ports. Each of these		
				VN_Port before the VN_Port	VN_Ports may be connected to		
				can be instantiated? How is the	VN_Ports instantiated by other VN2VN		
				first VN_Port instantiated?	ENodes through FCoE VN_Port to		
10	Т	89	7.2		VN_Port Virtual Links."		

			Should the two paragraphs	Suggest reorganizing the two	
			beneath Figure 33 be	paragraphs into an a, b list.	
			reorganized into an a, b list?		
			The third sentence of the first		
			paragraph states: "Each VN2VN		
			ENode may instantiate multiple		
			VN_Ports" The usage of the		
			first VN_Port is described but		
			the usage of the second		
			VN_Port is not provided until		
11 E	90	7.2	the next paragraph.		
				Please add a VA_Port to VA_Port	
				network configuration example.	
12 T	91	7.2	be added.		
				Add the FCoE Entity as a required	
42	0.4		include an "FCoE entity" as a	component.	
13 T	91	7.3	required component.	A divise the above distance of a second second	
				Adjust the brackets to enclose all	
			_	optional functional components.	
			the left most FCoE Entity (and		
			everything above it) are		
			required. Everything else,		
			including the ellipsis, are		
141		Figure 25	optional and should be		
14 T	91	Figure 35	enclosed in brackets.	Suggest adding VAI2VAL and DT2DT	
			The a, b list started at the end	Suggest adding VN2VN and PT2PT	
			. •	specific functions to this list including: n) optionally initiates the FIP VN2VN	
			' '	protocol and instantiates VN Port to	
			FCoE Controller does not include any VN2VN ort PT2PT	VN_Port Virtual Links.	
1F T	01	7.2	· ·	VN_PORT VIRTUAL LINKS.	
15 T	91	7.3	protocol requirements.	Reword the second sentence to	
			paragraph after the a, b list is	something like:	
			very difficult to parse.	"VN_Ports instantiated upon successful	
			very difficult to parse.	FIP FLOGI and subsequent FIP NPIV	
				FDISC Exchanges are all associated with	
16 E	92	7.3		the same VF_Port."	
101	32	7.3	The first sentence of the second	Suggest rewording the first sentence of	
				the second paragraph after the a, b list	
			"in" instead of "during"	as follows:	
			in instead of during	"The FCoE_LEP is the functional entity	
				performing the encapsulation of FC	
				frames into FCoE frames during	
				transmission and the decapsulation of	
				FCoE frames into FC frames during	
17 E	92	7.3		reception."	
17/2	32	,,,,	The fifth sentence of the final	Suggest rewording the fifth sentence of	
				the final paragraph on page 92 with	
				something like the following:	
			address identifier	"A VN_Port is uniquely identified by an	
				N_Port_Name Name_Identifier and is	
				addressed by the address identifier the	
				Fabric assigned to it in the FIP FLOGI	
				LS_ACC or FIP NPIV FDISC LS_ACC"	
18 E	92	7.3			
			The Final complete sentence on	We need to discuss the problem and	
			page 92 discusses how to	determine if clarifying text is	
			handle buffer to buffer flow	appropriate.	
			control parameters. The text		
			states to ignore them and I		
			believe this needs to be clarified		
			especially for N_Port		
			Virtualizers. N_Port Virtualizers		
			that attach an FCoE ENode to		
			an FC Fabric actually need to		
			supply a BB_Credit value in the		
			FC FDSIC sent to the FC Fabric in		
			response to the FIP FLOGI or FIP		
			NPIV FDISC received from the		
			ENode. This has and will		
			continue to cause problems to		
19 T	92	7.3	end users		
			The middle "stack" is optional	Enclose the middle stack in brackets to	
			and should be enclosed in	indicate that it's optional.	
			li i i	i e	The state of the s
20 E	93	Figure 36	brackets.		

			The first sentence of the first paragraph states "A VN2VN ENode MAC has one or more VN_Port dedicated to" and I believe VN_Port should have been VN2VN_Port.	Suggest rewording the first sentence of the first paragraph to something like: "A VN2VN ENode MAC has one or more VN_Ports dedicated to the instantiation of VN_Port to VF_Port Virtual Links and one or more VN2VN_Ports dedicated to the instantiation of VN_Port to VN_Port VIrtual Links."	
21	Т 93	7.4			
22	E 93	7.4	The second paragraph should be reworded for ease of use.	Suggest rewording the second paragraph as follows: "As shown in the VN_Port to VN_Port reference model (see figure 32), because there is no FCF that performs N_Port_ID selection, VN2VN ENode MACs shall select N_Port_IDs for themselves"	
			The first sentence of the third	Discuss comment.	
222		7.4	paragraph uses the term "Lossless Ethernet network", is this term synonymous with VLAN or should we somehow explicitly state they are unique per VLAN, especially in light of the work being done on VLAN		
23	E 93	7.4	Discovery with VN2VN? The first sentence of the final	Discuss comment	
			paragraph starts with "The FPMA used as VN_Port MAC address for a VN2VN_Port" Should we be using the term FPMA since these MAC Addresses are not Fabric	Discuss comment	
24	T 93	7.4	Provided?	Suggest adding a reference to the	
			7.4 makes reference to the need for each VN2VN ENode MAC to assign itself an N_Port_ID selection, but makes no reference to the process that allows this to be done.	Locally Unique N_Port_IDs clause 7.9.6.	
25	E 93	7.4			
26	E 94	7.4	The first sentence of the first paragraph should start with a description of what figure 33 is.	Suggest rewording the first sentence of the first paragraph to something like: "The FCoE point-to-point reference model (see figure 34)" shows that Locally Unique N_Port_IDs shall not conflict with and shall be independent from the N_Port_IDs assigned by a Fibre Channel Fabric.	
			In the first sentence under figure 37, it's unclear which Ethernet ports are being referred to.	Suggest rewording the first sentence under figure 37 to read: "When an FCF includes Lossless Ethernet bridging elements, an FCF-MAC address may be accessible via multiple externally facing Ethernet	
27	T 95	7.5		Ports on that FCF."	
28	Т 95	7.5	paragraph that starts with "MAC addresses used" It seems unnecessary	Suggest removing the third paragraph. VA_Ports should be added to the FCF	
			the FCF functional model	Functional model as optional	
29	т 95	Figure 37	and the functional model	components.	
			Missing VA_Port capable FCF MAC description.	Suggest inserting a paragraph between the existing 2nd and 3rd paragraphs that defines what a VA_Port capable	
30	T 95	7.5	Missing a spetion that days "	FCF MAC is.	
31	т 96	75	Missing a section that describes the role of the FCoE Controller when controlling a VA_Port capable FCF MAC.	Suggest adding an a, b list similar to the ones provided for VF and VE_Port capable FCF-MACs on page 96.	
				l .	

			The second sentence of the	We should apply the same solution	
			second to last paragraph on the	here as was done for EMC-16.	
			page is very difficult to parse.		
32	т 90	7.5			
52		7.5	The first sentence of the last	Suggest rewording the first sentence of	
			paragraph uses "in" instead of	the last paragraph as follows:	
			"during"	"The FCoE_LEP is the functional entity	
				performing the encapsulation of FC	
				frames into FCoE frames during	
				transmission and the decapsulation of	
				I	
	_			FCoE frames into FC frames during	
33	E 9	6 7.5		reception."	
			The first sentence of the final	Reword the first sentence of the final	
			paragraph should also make	paragraph as follows: "The Fibre	
			reference to A_Ports and	Channel Switching Element is the	
			_	_	
			VA_Ports.	functional entity performing Fibre	
				Channel switching among E_Ports,	
				F_Ports, A_Ports, VE_Ports, VF_Ports	
34	т 9	7 7.5		and VA Ports."	
-			Missing a description of a	Add a paragraph that describes what a	
25	-	, , ,	,		
35	T 9'	/ /.5	VA_Port.	VA_Port is.	
			A description of figure 40 is	Add a paragraph that describes figure	
			missing	40 as was done for figures 38, 39 and	
36	T 100	7.6	1	42.	
			A description of figure 41 is	Add a paragraph that describes figure	
_	_		missing	41 as was done for figures 38, 39 and	
37	T 100	7.6		42.	
Ι Τ			A VA_Port to VA_Port Virtual	Add a VA_Port to VA_Port Virtual Link	
38	T 10:	1 7.6	Link example is missing	example.	
	1		The second sentence of the first	Consider rewording the second	
			paragraph is out of date.	_	
			paragraph is out of date.	sentence of the first paragraph to read:	
				"The FIP protocol is used to negotiate	
				the VN_Port MAC addresses that are	
				used between two Enodes or between	
39	T 10:	1 7.7		an ENode and an FCF."	
- 33		***	The first sentence of the second	Depends on the outcome of EMC-24.	
				Depends on the outcome of Livic-24.	
			paragraph states that "FPMAs		
			are assigned by FCFs"		
			Depending on the outcome of		
			EMC-24, if the term FPMA is still		
			used to describe the MAC		
			Addresses used in VN2VN		
			environments, then the above		
			statement is incorrect.		
40	T 10:	1 7.7			
			The second sentence of the	Depends on the outcome of EMC-24.	
				Depends on the outcome of Livic-24.	
1			second paragraph states "A		
			properly formed FPMA is one in		
1			which the 24 most significant		
[bits equal the Fabric's FC-MAP		
			value." Depending on the		
1					
			outcome of EMC-24 and EMC-		
1			40, the above statement may		
[be incorrect.		
41	T 10:	1 7.7	1		
T -			The final sentence of the	Depends on the outcome of EMC-24.	
1				Depends on the outcome of Livic-24.	
1			second paragraph may need to		
	_	.1	be removed depending on the		
42	T 10:	1 7.7	outcome of EMC-24.		
			There is no definition for FDF-	Add a definition for FDF-MAC.	
		3 -	мас		
		Definitions			
	_	and			
43	1	8 conventions			
			The 3rd paragraph from the	A third sentence should be added to	
			bottom is missing a reference to	the 3rd paragraph from the bottom	
			FDF-MACs	that states something like "On FDFs,	
	_	.		the FDF-MAC address shall be used for	
44	1 10	3 7.9.1		all FIP frames."	
Ι Τ			The 2nd paragraph from the	Add a text to the 2nd paragraph from	
			bottom of the page is missing a	the bottom of the page describing	
			description of what group	what group addresses an FDF-MAC	
	_	.	addresses an FDF-MAC should	should listen to.	
45	T 10	3 7.9.1	listen to.		

			This clause should cover the	Additional text needs to be added to	
			case where the ENode is	7.9.2.2 describing how an FDF operates	
			connected to an FDF and also	in this configuration.	
			how the FDF passes FIP frames		
			along to the FCF. None of this		
46	т 104	7.9.2.2	has been documented yet.		
	. 10.	7.5.2.2	Figure 43 does not have an	Suggest adding an (Informative) tag to	
			(Informative) tag embedded in	figure 43.	
47	104	Figure 42	·	ligure 43.	
47	1 104	Figure 43	the title	6	
			The second paragraph on page	Suggest adding something like the	
			105 describes a case where the	following text after the last sentence in	
			FCF may send an asynchronous	the second paragraph on page 105:	
			unicast VLAN Notification upon	"Upon reception of an asynchronous	
1			a change in the VLANs that offer	FIP VLAN Notification, the ENode MAC	
			FC-BB_E services. However,	may enable one or more of the VLANs	
			there is no text describing what	for subsequent operations. If an	
			an ENode should do when it	ENode MAC has a VN_Port to VF_Port	
			receives one of these	Virtual Link over a VLAN and that VLAN	
			notifications.	is not listed in the FIP VLAN	
			motineations.	Notification and the FIP VLAN	
				Notification was received from the FCF-	
				MAC that the FIP FLOGI LS_ACC was	
				received from, the FCoE Controller of	
				the ENode should consider this to be	
				an implicit Logout of that VN_Port.	
48	T 105	7.9.2.2		_	
			The fourth paragraph of 7.9.2.3	Define the action that an FCoE	
			needs a modification similar to	Controller of a VE_Port should take	
			whatever was done to resolve	upon the reception of a FIP VLAN	
			EMC-48.	Notification that does not contain the	
			LIVIC-48.		
40		7022		VLAN that a VE_Port to VE_Port Virtual	
49	1 105	7.9.2.3		Link has been instantiated on.	
			The second paragraph under	See EMC-48 and EMC-49.	
			Figure 44 may need a		
			modification similar to		
			whatever was done to resolve		
50	Т 108	7.9.2.4	EMC-48 and EMC-49		
			The second paragraph of the	Suggest removing the second	
			clause is unclear and	paragraph of the clause or additional	
			unimplementable. How does	clarifying text be added.	
				, ,	
			an implementation determine if		
			a Discovery Advertisement is		
			compatible or not? This needs		
			to be clear because of the shall		
51	T 108	7.9.3.2	that follows		
I T			The final paragraph of this	I believe this paragraph was added in	
			clause states "Reception of	an attempt to resolve the issue	
			Discovery Advertisements for	identified at UNH-IOL by Bill Martin. I	
[more that one Fabric on the	don't believe this text resolves that	
			same VLAN should be reported	issue	
			by VE Port capable FCF-MAC"		
			, – ,		
[What about the case where two		
			fabrics are being joined for the		
			first time? This rule would		
			prohibit the merge of two		
1			different fabrics via FCoE.		
52	T 112	7.9.3.3			
			Clause 7.9.3 makes no mention	Suggest text be added throughout the	
			of VA_Ports and how they are	clause that describes how VA_Ports are	
1			involved in the FIP discovery	involved in the FIP discovery protocol.	
53	T 108	7.9.3	protocol		
	100		The final sentence of the third	Suggest rewording the final sentence	
			paragraph of the clause only	of the third paragraph to read:	
1					
			partially describes how a	"The MAC address contained in the	
			VN_Port MAC Address is	MAC Address descriptor of the FIP	
[assigned to a VN_Port.	FLOGI LS_ACC or FIP NPIV FDISC	
				LS_ACC that is returned by the FCF	
				shall be used as the VN_Port MAC	
54	Т 112	7.9.4.1		address (see 7.7)."	

		The final sentence on the page only partially describes how the FCF shall return a properly formed FPMA.	Suggest rewording the final sentence on the page to read: "The MAC Address Descriptor contained in the FIP FLOGI LS_ACC or	
		Tomica I I MA.	FIP NPIV FDISC LS_ACC that is returned by the FCF shall contain a properly formatted FPMA MAC address"	
55 T	112 7.9.4.1			
56 T	113 7.9.4.2	The second sentence of the clause only partially describes the method that FIP ELP uses to communicate MAC addresses.	Suggest rewording the second sentence of the clause to read: "In addition to providing ELP, the FIP ELP provides a method (i.e., the MAC Address descriptor) to communicate the MAC address for the VE_Port (see 7.9.8.4.4).	
		The second paragraph of the clause states that a FIP FLOGI from a VN2VN port not in the VN2VN Neighbor set shall be rejected with reason code but no mention of how a VN2VN_Port is added to the	Suggest adding a reference to the Claiming a Locally Unique N_Port_ID clause 7.9.6.2.2	
57 T	113 7.9.4.3	neighbor set.		
58 T	113 7.9.5.1		Suggest adding text the explicitly states VA_Port to VA_Port Virtual Links	S
30 1	113 /.3.3.1	Second sentence of the second paragraph has a word ordering issue.	Suggest rewording the second sentence of the second paragraph to read: "This behavior may be disabled by VF_Port capable FCF-MACs under administrative control by setting the D bit to one in the FKA_ADV_Period	
59 E	114 7.9.5.2		descriptor in Discovery Advertisements (see 7.9.7.3.13).	
		Reference to "That FCF-MAC" in the fifth sentence of the fifth paragraph is confusing.	Suggest that the third sentence of the 5th paragraph should be reworded and the fifth sentence of the paragraph should be removed. The rewording of the third sentence could be something like: "If unsolicited multicast Discovery Advertisements are not received within 2.5 * FKA_ADV_PERIOD, all the VN_Port to VF_Port Virtual Links with that VF_Port shall be implicitly deinstantiated and the FCF-MAC associated with the VF_Port shall be removed from the FCF Login Set (see	
60 E	114 7.9.5.2		7.9.3.2)."	
		The wording of sentences 2 through 4 of the first paragraph after Note 29, is a bit rough.	Suggest re-writing sentences 2 - 4 of the first paragraph to read as follows: "A FIP Clear Virtual Links frame may be transmitted by a VF_Port capable FCF-MAC to an ENode MAC if one or more Virtual Link(s) have been instantiated between the VF_Port capable FCF-MAC and an ENode MAC. The FIP Clear Virtual Links frame provides a list of zero or more VN_Ports to be deinstantiated. If the FIP Clear Virtual Links frame contains one or more VN_Ports, an ENode MAC shall deinstantiate the listed VN_Ports upon reception of the Clear Virtual Links frame contains zero VN_Ports, the ENode MAC shall de-instantiate all VN_Ports logged in with the originating FCF-MAC upon the reception of the	
61 5	1157053		Clear Virtual Links frame."	
61 E	115 7.9.5.2			1

				1	1	
				First sentence of third	Suggest adding the word "in" to the	
				paragraph under note 29 is	first sentence of the third paragraph	
				missing the word "in".	under note 29 as follows:	
					"On receiving a VN Port FIP Keep Alive	
					frame coming from a VN_Port that is	
	_	445	7053			
62	1	115	7.9.5.2		not logged in,"	
				There is no clause that	Suggest adding a clause that describes	
				describes the VA_Port to	the VA_Port to VA_Port Virtual Link	
				VA_Port Virtual Link	Maintenance protocol.	
63	т	116	7.9.5	Maintenance protocol		
				The font used for the 7.9.6.2	Suggest using a bold font.	
				clause title appears to be		
61	_	117	7063	incorrect.		
64	E	117	7.9.6.2			
				The word "verify" in the first	Suggest replacing "verify" with	
				sentence of the clause should	"determine" in the first sentence of the	
65	E	117	7.9.6.2.1	be "determine".	clause.	
66	E	124	7.9.7.2	Editor's note on page 124	Remove the editor's note.	
				Related to EMC-19. The	Depends on the outcome of EMC-19.	
				sentence beginning with "A FIP		
				FLOGI or" describes how to		
				handle flow control parameters		
				and it may need to be updated		
				based upon the discussion of		
67	т	141	7.9.8.4.2	EMC-19		
				Wording problem with the first	Suggest rewording the first sentence of	
				= 1	_ = = = = = = = = = = = = = = = = = = =	
				sentence of the second	the second paragraph up from the	
				paragraph up from the bottom.	bottom of the page to:	
					"From an internal point of view (i.e.,	
					inside the dotted and dashed black line	
					in figure 45), VA_Port to VA_Port	
					Virtual Links enable the forwarding of	
					FCoE frames between the Controlling	
					_	
					FCF and FDFs, as well as between the	
68	E	151	7.12.1		FDFs."	
				Missing "a" in the sentence	Suggest rewording the sentence under	
				starting with "Figure 46"	the second paragraph to read:	
				under the second paragraph on	"Figure 46 shows an example of a	
				page 152.	Distributed FCF including a redundant	
69	_	152	7.12.1	puge 132.	pair of Controlling FCFs."	
09	E	152	7.12.1)		
				VA_Ports between the FDFs	Suggest adding VA_Ports to figure 46	
				embedded in the controlling	that link the virtual Domains residing	
				FCFs are missing from the	on the controlling FCFs.	
				diagram. This is an allowable		
				configuration based on the first		
70	т	152	Figure 46	sentence on page 155.		
	•	102	riguic io	The first sentence on page 153	Suggest rewording the first sentence	
				should allow for one or more	on page 153 to read:	
				Domain ID per Virtual Domain	"typically uses three or more	
					Domain_IDs, one for each Controlling	
					FCF, and one or more for the Virtual	
71	т	153	7.12.1		Domain IDs."	
			•	The second paragraph on page	Suggest that text is added to 7.9.8.4	
				155 states that the FIP protocol	that describes how the FIP protocol is	
				is used to discover VA_Ports	used with VA_Ports.	
				and for the instantiation of		
				VA_Port to VA_Port Virtual		
				Links, but this information is		
				missing from the FIP clause		
72	т	155	7.12.2	7.9.8.4.		
· ''		133		Same problem with the third to	Apply the same fix to this paragraph as	
				1		
	_		7.40.0	last paragraph as described in	done to resolve EMC-17	
73	E	155	7.12.2	EMC-17		
				The fourth complete sentence	Suggest rewording the fourth complete	
				of the first paragraph implies	sentence of the first paragraph to	
				that an FDF must support	something like:	
				VF Ports.	"An FDF supports the instantiation of	
				VI _ I OI G.		
	_		7.42.2		VA_Ports and optionally VF_Ports over	
74	ı	156	7.12.3		its FDF-MAC."	
				Same problem with the third to	Apply the same fix to this paragraph as	
				last paragraph as described in	done to resolve EMC-17	
75	E	157	7.12.3	EMC-17		
				·		

		The term "initialization	I suggest either adding text to FC-SW-6	5
		exchanges" used in the second	defining exactly what initialization	
		paragraph of clause 7.12.5.1 is	exchanges consist of, or update the	
		not defined in FC-SW-6 Rev 1,1,	reference in this clause to point to	
76 T	158 7.12.5.1		something that exists in FC-SW-6.	
		Wording problem with the	Suggest rewording the second and	
		second and third sentences of	third sentences of the second	
		the second paragraph.	paragraph of 7.12.5.2 to read:	
			"When set to one, this bit indicates	
			that the originator of the FIP ELP	
			Request or SW_ACC is a	
			VA_Port/VE_Port capable FCF-MAC.	
77 E	159 7.12.5.2		When set to zero, this bit indicates"	
		Wording problem with the	Suggest rewording the second and	
		T	third sentences of the third paragraph	
		the third paragraph.	of 7.12.5.2 to read:	
		and and a paragraphic	"When set to one, this bit indicates	
			that the originator of the FIP ELP	
			Request or SW_ACC is a VA_Port	
			capable FDF-MAC. When set to zero,	
78 E	159 7.12.5.2		this bit indicates"	
79 E	159 7.12.5.2	Remove the Editor's note	Remove the Editor's note.	+ +
, , , ,	155 / .12.5.2	Missing "have been" in the first	Suggest rewording the end of the first	+ +
		sentence of the second to last	sentence of the second to last	
		paragraph on page 159	paragraph on page 159 to read:	
			"of the Distributed FCF's FDF Set and	
			have been discovered by FIP	
			1	
80 E	150 7 13 5 3		discovery on the Lossless Ethernet network"	
80 E	159 7.12.5.2	In regards to item a in the list		
		In regards to item c in the list,	Suggest adding a description of the	
			process used by an FDF to determine if	
			a discovered FDF-MAC belongs to an	
			FDF is the Distributed FCF's FDF Set.	
		FDF Set? In other words exactly		
		which fields are checked and		
		what should they contain?		
81 T	160 7.12.5.2			
			Suggest adding a cross reference to the	e
		VE_Port to VE_Port Virtual Link		
82 E	160 7.12.5.3	maintenance clause.	maintenance clause.	
		The VN2VN protocol requires	Suggest adding a description of the	
		that some changes be made to	problem to Annex C as well as a	
		l '	description of a solution.	
		is the case where two VN2VN		
		networks are joined and the		
		same FPMAs are in use in both		
83 T	163 Annex C	VN2VN networks.		
		The VN2VN protocol requires	Suggest adding specific recommended	
		_	ACL entries to Annex D that will help	
		Annex D. Of particular concern	prevent the problem from happening.	
		is the case where two VN2VN		
		networks are joined and the		
		same FPMAs are in use in both		
84 T	171 Annex D	VN2VN networks.		
		Second paragraph: Shouldn't	make the test on the entire MAC	
		the whole MAC address be		
		checked? If only the low order		
		24 bits are checked, why have a		
88 T	94 7.4	VN2VN FC map?		
		-	Editor to modify this paragraph to	
		page 96 states that an E_Node	accommodate an E_Node logging into	
		may log in with multiple	more than one VF_Port; or remove the	
		VF_Port capable FCF-MACs.	statement that allows more than one	
		The last paragraph describes an	login.	
		address verification "and shall		
		verify that the source address of		
		the received FCoE frame is		
		equal to the MAC address of the		
		remote link end-point." If an		
		E_Node can log into multiple		
		VF Ports, there is no such thing		
		as THE remote link end-point"		
1	96 7.5	1		
89 T				

			The third paragraph (starting			
			"For a VF_Port capable FCF-			
			MAC" the last sentence of the			
			paragraph states that the			
			VN Port shall use a FPMA MAC.			
			If the VN_Port is a BB-5			
			VN Port, then it could attempt			
00	_					
90 T		97 7	.5 to use a SPMA MAC			
			Fourth paragraph (starts "All FIP	change "shall" to "may"		
			protocols are), last sentence.			
			This implies that a ENODE must			
			use all available VLANs. See			
			also 7.9.2.2 "The ENode MAC			
			that received a FIP VLAN			
			Notification frame may enable			
			one or more of these VLANs for			
0.4	. .		subsequent operations."			
91 T	1	03 7.9.1				
			Third to last paragraph "On	Modify sentence to "shall be used as		
			ENodes, the ENode MAC	the source MAC address for all FIP		
1			address shall be used for all FIP	frames." Similar change to last	1	
1			frames". Used in what manner,	sentence of said paragraph		
1			as both source and destination?	1 - 1	1	
92 8	<u> </u>	03 7.9.1				
7			Section 7.9.1 describs MAC	Add paragraph(s) as appropriate to		
				describe FDFs	1	
			addressing for FIP, and	1	1	
	_ .		describes ENODES, FCFs etc, but			
93 T	1 1	03 7.9.1	does not describe FDFs			
			Second to last paragraph. If the	l e e e e e e e e e e e e e e e e e e e		
			configuration of VLANs changes			
			such that one or more of the			
			VLANs that a VE_Port was using			
			is no longer in the group, where	l e e e e e e e e e e e e e e e e e e e		
			are the actions that that			
			1			
	. .		VE_Port must take described?			
94 T	1	05 7.9.2.2				
			Second to last paragraph, last	Change the sentence to use one of the		
			sentence "The unicast FIP VLAN	VLANs that a FIP ELP was sucessfully		
			Notification frame shall specify	performed on		
			the revised list of VLAN IDs over			
			which the originating VE_Port			
			capable FCF-MAC offers FC-			
			BB_E services and should be			
			sent over the VLAN from which			
			VLAN discovery requests were			
1			received." There may have		1	
			never been a VLAN discovery			
95 T	Г 1	05 7.9.2.3	request			
			First sentence of the section.			
1			7.9.2.2 describes how to		1	
1			discover VLANs when there is a			
1			FCF present. How does that			
96		05 7.9.2.4	apply to VN2VN?			
96	1	03 7.9.2.4	11 /			
1			First paragraph on page 106:			
1			All instances of "VLANs" should		1	
97 E	1	06 7.9.2.4	be just "VLAN"			
1			Why is there a box for fabric			
1			operation when the title of this		1	
98 T	г 1	07 Figure 44	figure is VN2VN?			
			the boxes with the a,b lists			
1			should say "in each of the		1	
99 T	r 1	07 Figure 44	selected VLAN(s)"			
99 1	· 1	o/ingure 44		accord accurance of ID (I ANI-II -Iz	-	
1			First full paragraph "If the	second occurance of "VLANs" should		
1			configuration of VLANs on a	be singular	1	
1			VN2VN ENode configured to			
1			provide VLANs information to		1	
1			the other VN2VN ENodes		1	
100 E	1	08 7.9.2.4	changes"			
			First full paragraph: There may	change the sentence to use one of the		
1			not have ever been a VLAN	VLANs that a successful FLOGI or PLOGI	1	
104	. .	00 7 0 3 4	1	l e e e e e e e e e e e e e e e e e e e		
101 7	1 1	08 7.9.2.4	discovery request.	has completed on	-	
			Last paragraph before NOTE 19,			
1			the second "VLANs" should be		1	
102 E	1	08 7.9.2.4	singular			

				Last paragraph on page 108:		
				"The FCoE Controller of an		
				ENode MAC shall select selects		
				for login a subset of the FCF-		
				MACs in the FCF list having the		
104	Т	108	7.9.3.2	'Available for Login"		
				Very last sentence on p 108,	Change the subject sentence to "In	
				going onto p109 "In order to	order to get the Max FCoE Size Verified	
				perform a FIP FLOGI with an FCF	bit set to one (so that a FIP FLOGI may	
				MAC in the FCF Login Set with	subsequently be performed) the FCoE	
				the 'Max FCoE Size Verified' bit	Controller of an ENode MAC shall	
				set to zero" An Enode shall	transmit a unicast Discovery	
				not sent a FIP FLOGI if Max	Solicitation (see 7.9.8.2) to that FCF-	
				FCoE Size Verified is set to zero,	MAC address and receive a solicited	
				FULL STOP. This description is	unicast Discovery Advertisement in	
				not how to send a FLOGI, it is	response.	
				how to get the Max Size		
				Verified bit turned on. This		
				sentence, as writen, can be		
				interpreted as after the		
				Solicitation/Advertisement has		
				completed, the ENode has		
				completed a FLOGI, because of		
				the way the begining of the		
105	Т	108-109	7.9.3.2	sentence is worded.		
				The last two sentences of the		
				large paragraph in the middle of		
				the page seems very out of		
				place. The paragraph is		
				describing multicast requests		
				and the unicast replies. Then		
				out of the blue these two		
				sentences talk about unicast		
106	E	109	7.9.3.2	requests		
				The second to last paragraph on	Change the sentence to "In order to	
				page 110: "In order to perform	get the Max FCoE Size Verified bet set	
				a FIP ELP with an FCF-MAC in	to one (so that a FIP ELP may	
				the FCF list with the 'Max FCoE	subsequently be performed) the FCoE	
				Size Verified' bit set to zero,"	Controller of a VE_Port capable FCF-	
				A FIP ELP may never be sent if	MAC shall transmit a unicast Discovery	
				the bit is zero, FULL STOP.	Solicitation (see 7.9.8.2) to that FCF-	
					MAC address and receive a solicited	
					unicast Discovery Advertisement in	
107	Т	110	7.9.3.3		response.	
				Item "b" in the two a,b lists on		
				page 112 are actually two		
				items, and should be broken		
108	E	112	7.9.3.3	into b, and c		
				First paragraph on page 113:	Discuss with group	
				NOTE: Here it states that the		
				VN2VN link is instantiated at		
				FLOGI time, but in native FC, the		
				point to point link is not		
				established until PLOGI, as		
				that's where the FC_IDs are		
				assigned for both ports. Not		
				sure if this difference is worth		
109	E	113	7.9.4.3	debating or not		
				Second paragraph in this	A reference to section 7.9.6.2.2 should	
				section: "A FIP FLOGI Request in	be added	
				a point-to-point topology		
				coming from a VN2VN_Port not		
				listed in the VN2VN Neighbor		
				Set shall" The term "Neighbor		
				Set" has not yet been defined		
				up to this point in the		
110	E	113	7.9.4.3	document.		
				The last two paragraphs of this		
				section should be combined		
				into one. The way it is now, as		
				two separate pargraphs, the		
				first sentence of the second		
				La analogo de la constanta del Elec-	i	Ì
111			7.9.4.3	paragraph is awakward. The MAC address of what????		

			First paragraph of this section		
			specifically states that VN_Ports		
			perform an implicit logout when		
			the physical link fails.		
			Shouldn't it also say that a		
112	T 11	4 7.9.5.2	VF Port shall do the same?		
			Where is the term ENode MAC	Put a sentence describing where the	
			defined (ie, without association	actual address comes from (eg the	
			with a Vx_Port)?	proper standardeze for the burned in	
			with a vx_r orty.	MAC) or a reference to some IEEE	
113	E 11	4 7.9.5.2		document etc	
113		4 7.3.3.2	Paragraph 5 on page 114, last	make the end of the sentence either	
			sentence: "A subsequent FIP	"as specified in 7.9.3.2" or "FCF	
			1		
			Fabric Login may be performed	Login Set (see 7.9.3.2)"	
			with an FCF-MAC in the current		
		.	FCF Login Set as specified in see		
114	E 11	4 7.9.5.2	7.9.3.2."		
			The section that describes how		
			VE_Port capable FCF_MACs		
			handle an updated		
			FKA_ADV_PERIOD needs to		
			have mores description on how		
			to handle longer vs. shorter		
			new values, like the description		
115	т 11	6 7.9.5.3	in 7.9.5.2		
		1	First paragraph of this section:	Put a reference to 7.9.6.4	
			The concept of a "recorded"		
			locally unique N_Port ID has not		
116	F 11	7 7.9.6.2.1	yet been introduced.		
110		7 7.5.0.2.1	In the third paragraph on the		
			page, the definition of a Login		
			Set is parenthetical. Shouldn't		
			the definition be ouside		
			parenthisis? The term "Login		
			Set" is used in several other		
117	E 11	9 7.9.6.2.2.	sections in this document.		
			In the fourth paragraph "When	Prior to instantiating, VN_Port to	
				VN_Port virtual links, and continuing	
			the definition of when a	after instantiation, a VN2VN Enode	
118	E 11	9 7.9.6.2.2	VN2VN_Port is ready?	MAC shall	
			The random delay should be		
			subtracted from		
			BEACON_PERIOD. If added,		
			then the VN_Port could be		
			waiting BEACON_PERIOD +		
			100ms, which would be a		
119	T 11	9 7.9.6.2.2	violation of the standard		
			The a,b,c list at the end of this		
			section: The text above the list		
			says that the validations "The		
			checks for proper formating		
			include". The ones that are		
			missing need to be added so		
			that it can say "The checks for		
120	_	5 7.9.7.2	proper formatting are:"		
120	12	3 1.3.1.2	The paragraph starting "The	State that the Enode shall send a LOGO	
			MAC address field in the MAC	if the verification fails	
			address descriptor" It states	in the vernication falls	
			· ·		
			"An ENode shall verify that a		
			granted FPMA address is		
			properly formed." but it never		
	_	.	describes what to do if the		
121	14	1 7.9.8.4.2	verification fails.		
	_		The a,b,c, list in the middle of		
122	L 14	1 7.9.8.4.2	the page has duplicate b) c) d)		
			The a,b,c list at the bottom of		
			the page has an AND that		
123	E 14	1 7.9.8.4.2	should be OR.		
			First paragraph of this section:	Make last sentence "one	
			the list of Vx_Ports is also	Name_Identifier descriptor (see	
			_	7.9.7.3.5), optionally a list of Vx_Port	
			at least one Vx_Port must be	Identification descriptors (see	
			provided	7.9.7.3.12), and optionally a FIP	
124	т 14	4 7.9.8.6.1		Clear"	
			·		1

		ł	This section says that the MAC	This section needs to be updated to	
		l	address in a FIP Clear Virtual	reflect that there are other entities (i.e.	
		l	Link must be set to that of an	FDFs) that can originate some of these	
		ł	FCF. FDFs can also send them	FIP operations	
125 T	144	7.9.8.6.1	(see 7.12.3).		
			First paragraph of the section:		
		l	VA_Port capable MACs can also		
		l	generate Clear Virtual Link to an		
126 T	144	7.9.8.6.1	Enode		
120 1	144	7.9.6.0.1		This as aking an ada ka ha a ada kada ka	
		l	· '	This section needs to be updated to	
		l	address in a FIP Clear Virtual	reflect that there are other entities (i.e.	1
		l		FDFs) that can originate some of these	
		l		FIP operations	
127 T	144	7.9.8.6.2	(see 7.12.3).		
		l	First paragraph of section: FDF-	Add FDF-MAC to the list of things that	
		l	MACs can also generate a FIP	can generate a FIP VLAN request	
128 T	144	7.9.8.7	VLAN request		
			This section needs description		
129 T	144-145	7.9.8.7	of VA_Port MACs		
			Similar comment as to EMC-129		
130 T	145	7.9.8.8			
	+		Similar comment as to EMC-129		
131 T	145	7.9.8.9	1		
104	+		Second paragraph of the		<u> </u>
			section, the parenthetic FPMA		
		l	1		
122	1 445	70010	doesn't belong at the end of the		
132 T	145	7.9.8.10	sentence.		
			Last paragraph on page 151: All		
		l	instances of N_Port should be		
133 E	151	7.12.1	VN_Port		
		l	last paragraph on page 152:	Either define it, or put a reference to	
		l	The term "FDF Set" has not	where it is defined	
		l	been defined prior to the usage		
134 E	151	7.12.1	here.		
				Change the sentence to read "The two	
		l	We can not require two	Controlling FCFs in a redundant	
		l		Distributed FCF instantiate one or	
		l	-	more at least two Augmented VE_Port	
		l	redundancy.		
		l		to VE_Port Virtual Links between	
		l		themselves, where the term	
		l		'augmented' indicates that Virtual Link	
		l		is used also for the redundancy	
		l		protocol, in addition to normal VE_Port	t
		l		operation (see FC-SW-6)." A note	
1				I *	
				could also be added, such as "NOTE: To	
				could also be added, such as "NOTE: To improve redundancy, it is suggested	
				could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port	
				could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the	
				could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port	
135 Т	152	7.12.1		could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the	
135 T	152	7.12.1	Last paragraph before Figure	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the	
			Last paragraph before Figure 47: The figure number is	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the	
135 T 136 E		7.12.1 7.12.1	Last paragraph before Figure	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF"	
			Last paragraph before Figure 47: The figure number is	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the	
			Last paragraph before Figure 47: The figure number is missing The multiple instances of	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF"	
			Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background	
			Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets,	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted	
	153		Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native device can FLOGI into an FDF.	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native device can FLOGI into an FDF.	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native device can FLOGI into an FDF. Consider what should a FDF do	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native device can FLOGI into an FDF. Consider what should a FDF do if it gets a clear virtual link addressed to the Native port?	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native device can FLOGI into an FDF. Consider what should a FDF do if it gets a clear virtual link addressed to the Native port? What if the native port aborts a	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native device can FLOGI into an FDF. Consider what should a FDF do if it gets a clear virtual link addressed to the Native port? What if the native port aborts a FLOGI? There is no text in BB-6	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1 Figure 48	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and F_Ports. That means a native device can FLOGI into an FDF. Consider what should a FDF do if it gets a clear virtual link addressed to the Native port? What if the native port aborts a FLOGI? There is no text in BB-6 that addresses these two tip of	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	
136 E	153	7.12.1	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and have native A_Ports and tevice can FLOGI into an FDF. Consider what should a FDF do if it gets a clear virtual link addressed to the Native port? What if the native port aborts a FLOGI? There is no text in BB-6 that addresses these two tip of the iceberg issues.	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a FCF, not a FDF.	
136 E	153 154	7.12.1 Figure 48	Last paragraph before Figure 47: The figure number is missing The multiple instances of VF_Ports, VE_Ports and VA_Ports are not in brackets, and therefore appear to be manditory In the text on the top of page 156 is states that a FDF can have native A_Ports and have native A_Ports and tevice can FLOGI into an FDF. Consider what should a FDF do if it gets a clear virtual link addressed to the Native port? What if the native port aborts a FLOGI? There is no text in BB-6 that addresses these two tip of the iceberg issues.	could also be added, such as "NOTE: To improve redundancy, it is suggested that two or more VE_Port to VE_Port Links be configured between the primary and secondary FCF" Either put the ones in the background in brackets, or since they have dotted lines around them, modify the text to say that the items in brackets or dotted lines are optional Get rid of this can of worms and prohibit native ports on a FDF. The connectivity between the ethernet world and native world is through a	

				Second paragraph of the			
				section: Missing parenthisis			
				around the "see SW-6"			
140	E	158	7.12.5.1	reference			
				EMC is very concerned that the	Discuss with group		
				distributed FCF (i.e. Section			
				7.12) is so dependant SW-6, and			
				that SW-6 is still open to			
				technical input. It is possible			
				that changes to the current SW-			
				6 could make the text in this			
141				version of BB-6 wrong or			
141		-t 50 DD	C L -th D-II-	obsolete. t (T11/12-517v0)			
	T/E	Page	Section	Figure	Comments	Status	
				43 & 44	Since "default FCOE VLAN" is not		
					defined, how does one differenciate		
					between "Static FCOE VLAN		
					configuration" and "default FCOE		
1					VLAN" in the flow chart? Should		
DELL_1	Т	104 & 107			standard define "default FCOE VLAN"?		
					Is the operation of VN2VN in		
					multipoint-mode or point-to-point		
					configured or auto detect? Does E-		
					Node send FIP frames on both VN2VN		
					and PT2PT multi-cast addresses? There		
					is a mention of "Enode enable		
					reception of frames sent to both		
DELL_2	lτ	117	7.9.6.1		address", what about transmit?		
			7.13.10.12	45, 46, 47	Host connection to FDF shows direct		
				13, 40, 47	connection to FDF only. Can the host		
					connect to FDF via Lossless Ethernet		
					Network? Should the diagram show		
		454 453			Lossless Ethernet network between		
5511.3	_	151, 152,			host and FDF to complete the		
DELL_3	Т	153			topology?		
					Since BB-6(Distributed FCF, 7.12) is		
					closely dependent on SW-6, BB-6		
					should closely track SW-6. We believe		
					SW-6 should be comepleted before BB-		
					6(Distributed FCF) is closed/finalized. If		
					not, there is a potential for Distributed		
DELL_4			7.12		FCF to be incorrect.		
	FC-BB-6 Rev						
	1.2	Oracle					
				Comment	Status		
	Comment Id	Tech/Edit	Sec/Pg				
			p. 102, 7.8	" contain an FCoE PDU (see			
1			(first	table 21)" should be, "see table			
	0	E	sentence)	22"			
				Missing FIP definition in the			
				definitions section (e.g., "FIP -			
				FCoE Initialization Protocol)			
				there are other similar			
				definitions, like B_Port,			
	o	E		VN Port, etc.			
			p. 90,	"FCF A has a single physical			
1			paragraph	Ethernet" The FCF in figure			
1			below	33 is not labled FCF A, it is just			
	О	E	Figure 33	labled FCF.			
		-	i igui e 33	"The green dotted line in figure			
			p. 90, 2nd	33 depicts a possible VN_Port			
			1				
			paragraph	to VF_Port Virtual Link." No, it			
		ļ_	below	depects a VN_Port to VN_Port			
-	0	E	Figure 33	Virtual Link.			
		ļ_	p. 105,	Missing heading, "VN2VN			
	O Section	E Issue	7.9.2.4	Enode Discovery"	Char.		
Number			Type	Fix	Status		İ

		bit in FIP		Define a new code 0004h/03h to		
		header to		represent FIP VN2VN VLAN		
		identify if		Notification, and keep 0004h/02h to		
				be specifically FIP FCF VLAN		
		source of		Notification.		
		VLAN				
		notification is				
		from FCF or				
		VN2VN				
		endpoint is not				
		backward				
		compatible. In				
		a mixed switch				
		environment,				
		older switches				
		that would not				
		be FC-BB-6				
		compliant				
		would not be				
		setting this bit.				
		In order to be				
		backward				
		compatible				
		would prefer is				
		FIP sub codes				
		for VLAN				
		Notification be				
		used to				
		identify unique				
Intol 1	7.9.8.8	source of				
Intel-1	7.9.8.8	source of	Technical	Contain defined and beauty as Freedo		
				Can it be defined as when an Enode		
				receives more than one FCF generated		
				Fabric Advertisements with FIP Fabric		
		The statement		descriptors that do not have matching		
		is made that		values for all of VF_ID, FC_MAP, and		
		'Support for		Fabric_Name? Or is it a subset?		
		multiple				
		fabrics per				
		VLAN is		In essence this comment is asking for		
		outside the		clarification in the FIP discovery		
		scope of this		section as appropriate and in section		
		standard'. We		3.5 adding a definition of what this		
		would like to		specification considers as a Fabric.		
		see clarifying				
		text that				
		would define				
		how SW could				
		determine that]			
		this condition	1			
		II .				
		exists in order				
		to manage the				
		condition as				
1		suggested in	l .		1	
Intel-2	7.9.1	7.9.3.2.	Technical		<u> </u>	
1		1		Clarify the spec to allow VN2VN and	1	
1		1		FCF to be on the same VLAN. Current	1	
1		1		specification is vague in this respect.	1	
1		As part of the			1	
1		previous			1	
1		clarification as				
1		specified in			1	
1		Intel-2, can we			1	
1		also include if			1	
1		each VLAN			1	
1		used by				
1		VN2VN is			1	
1		considered as			1	
1		a Fabric, and if				
1		it can coexist			1	
1					1	
1		with an FCF			1	
1		Fabric on the			1	
1		same VLAN			1	
1		given that they			1	
1		would each				
1		use unique			1	
1		FC_MAP value			1	
1		and so no			1	
1		FPMA address				
1		collision could				
Intel-3	7.9.1	exist.	Technical			

		to modification				
		to propose				
		adding a bit in				
		the FIP Claim				
		Response				
		message FC-4				
		Attributes				
		Descriptor. As				
		presented at				
		December				
		2012 T11				
		meeting (see				
		T11/12-				
		449v0), this bit				
		is intended as				
		a 'hint' to				
		receiving node				
		on the viability				
		of establishing				
		a virtual link				
		with the				
		sending node.				
		We are flexible				
		where this bit				
		is actually				
		defined, for				
		example T11				
		group may				
	70010	determine it	L			
Intel-4	7.9.8.13	better to have	Technical			
		previous				
		proposal as				
		specified in				
		Intel-4				
		we would like				
		to add option				
		that this				
		message can				
		be re-sent				
		later in time				
		between the				
		same nodes if				
		the condition				
		of this bit				
		changes. Ex.				
		Sending node				
		later would				
		like to indicate				
		to the				
		receiving node				
		that conditions				
		are now good				
		for virtual link				
		establishment,				
		or in the				
		opposite case				
		no further				
		virtual link				
Intel-5	7.9.8.13	establishment	Technical			
				Need to add VLAN notification		
		If use of 'F' bit		response in the definition of 'F' bit in		
		in FIP header		section 7.9.7.2		
		holds as				
		defined for FIP				
		VLAN				
		Response,				
		need to add				
		this message				
		type to list				
		outlined in				
		text describing				
		this bit. FIP				
		VLAN Request				
		is indicated				
		but not FIP				
		VLAN				
Intel-6	7.9.7.2	Response.	Editorial			
		1zəpə.iəc.		l	l	I .

	1	la 444.6		T	I		
		Page 141, fix					
		list that					
		indicates 'b)					
Intel-7	7.9.8.4.2	b), and c) c), etc.	Editorial				
inter-7	7.5.6.4.2	***************************************	Euitoriai	Possible Solutions:			
		link re-		Given that in VN2VN fabrics a re-			
		initialization		connecting or re-initializing			
		after short		VN2VN_Port will start with LUID.			
		time cable		Can/should we indicate that the			
		pull. The		reception of LUID			
		current		discovery/Probe/Claim messages from			
		behavior as		a node that was believed to have an			
		specified in		active virtual link could be used as			
		the spec relies		trigger for implicit logout from the			
		on Beacon		local VN2VN_Port?			
		messages which are sent		_			
		every 8					
		minutes.					
		We need a					
		mechanism at					
		shorter					
		granularity to					
		tell the remote					
		ports that					
		there was a					
		link					
		disturbance					
		happened on					
		the local port.					
		So that the					
		remote ports					
		can reinitiate					
Intel-8	7.9.5.4	the login if	Technical				
		The spec should		VN2VN FIP snooping in the switch			
		update the		needs to detect collisions and send			
		informative		CVL to end points so that end points			
		annex on ACLs		can re-establish LUID discovery and the virtual link.			
		(Appendix D) to include VN2VN		the virtual link.			
		edge case,					
		specifically					
		Network Joins					
		when VN2VN is					
Intel-9	Appendix D	on the same VLAN	Technical				
	n FC-BB-6 Let		recillical				
FC-BB-6 REV							
Joseph White							
JOSEPH WITH	- Gamper Met	. WOINS)					
Sequence	Tech/Edit	Page	Index	Comment	Proposed Solution	Status	
				Need to cross check the	Toposeu Solution	Status	
1	E	7	2.6	references for IEEE			
				Should FC-LS-2 references be	I think we should do this update but		
					maybe there is some specific reason it		
2	E	8	3.1		was not done.		
				are now FC-SW-6 references?			
3	Т	13	3.5.2	remove 'up to two'			
		12		change "coupled with" to			
4	E	13	3.5.5	"coupled to"			
			-	Shouldn't definition of "A Fiber			
				Channel node (see FC-FS-3) that			
				is able to transmit FCoE frames			
5	E	13	3.5.4	using one or more ENode			
				MACs." add a statement to cover FIP Frames as well? FIP			
				frames are explicitly defined			
				separately from FCoE.			
				Does the in-order delivery			
	_	20		preclude exchange based load			
6	Т	29	4.4.5	balancing at Ethernet L2?			
	I	I	1	FIP frames have no ordering			
			I .				
				requirements.			

				_		
7	7 E 86 7.X		Where we talk about Lossless Ethernet Networks in terms of topology examples we should say something about VLANs. The examples discuss the idea of multiple connections and these connection can be on the same or different logical or virtual networks.			
8	Т	87	7.2	On what boundary is sequential delivery required? Everything from one port to a different port? Within a PLOGI session? Within an exchange? does the word 'provides' really mean	Requiring in-order deliver is fine but need to state the scope of the in-order requirement better. Preferred scope is dependent on application and use by upper level protocol. Need to state that in-order applies at the exchange or sessions level as appropriate to deployment.	
9	Е	87	7.2	VA_Ports are also connected by FCoE	Add references to VA_Ports where FCoE connectivity is discussed.	
10	E	87	7.2	cross reference PFC (Qbb) here	FCOE COMMECTIVITY IS discussed.	
				as well. Pause based link level flow	This clarification can be added to the	
11	Т	87	7.2	control schemes are only euqivalent to credit based schemes within the distance supported by the buffering availble to the port, priority at the receiveing Ethernet port. Within this boundary the two schemes are equivalent. Beyond the boundary, the behavior of the schemes is quite different. For credit based flow control once the bandwidth delay product exceeds the credit FC throughput drops proportional to the excess distance independent of congestion. For Paused based system the excess traffic is dropped (tail-drop). This affects several statments in the spec.	statement or as a following statement.	
12	E	90	figure 33	Given the later text on separating VN2VN from VN2VF networks using VLANs shouldn't we show the example that way instead of overlapped as in the figure?		
13	Т	90	Fgure 33	Need to explicitly point out that the VN2VN fabric/SAN and the FCF fabric/SAN shown in this diagram mus be different fabrics even if they share the same Ethernet VLAN/Network.		
14	Т	103	7.9.1	Paragraph below list of protocols for which FIP frames are used could be worded a bit better. The last sentence of the paragraph refers to VLANs on which FC-BB_E services are present. Note that the VLAN does not provide the services. Note that for VN2VN most people will not think about LUID being called a service. Do we consider LUID/VN2VN a service in the broader sense?		
15	Т	103	7.9.1	This section needs to state that ENodes may optionally listen to the VN2VN and PT2PT group addresses. The last sentence needs to allow for these addresses as well		

				Consider using figure 44 from		
				page 107 as the only diagram		
			6: 42			
			figure 43	for secion 7.9.2 as it is a		
16	E	104	and section	superset of figure 43. The		
10	-	104	7.9.2 in	description can then discuss		
			general	where each area of the Figure		
			general			
				44 diagram applies to th various		
				parts of the protocol.		
17	E	105	7.9.2.4	section has no title		
			7.9.7.3.15 &			
18	Т	132	table 45	either FCoE services or VN2VN		
1 10		132	fields	discoverable ENodes or both.		
			description			
				N_Port_ID Claim Notification	text needs to updated to explain	
					1	
				needs to indicate whether the	additional use of the indication	
				responding endpoint wants the		
				destination of the claim to		
				attempt to establish a virtual		
				l '		
				link with him. The intent of such		
1	_	122	707047	an indication is to provide		
19	Т Т	133	7.9.7.3.17	control over the establishment		
1						
1				of virtual links such that		
1				unnecessary links are not		
1				attempted. This indication		
1				should be backward compatible		
1				· '		
1				to the extent possible.		
				FIP VLAN Notification	Change the Originator entry for this	
20	Т	137	table 52	Originator entry for this row	row to include VN2VN	
20		137	tubic 32		Tow to include VIVEVIV	
				only has FCF listed.		
				Use of the F bit in the response		
	_			does not match the description		
21	T	145	7.9.8.8	and restrictions for the F bit as		
				described on page 124.		
				N_Port_ID Claim Notification	A good place for such an indication is in	
				needs to indicate whether the	the FIP FC-4 Attributes descriptor as a	
				responding endpoint wants the	· ·	
				destination of the claim to	reserved field in word zero.	
				attempt to establish a virtual		
				link with him. The intent of such		
				an indication is to provide		
22	T	146	7.9.8.13			
				control over the establishment		
1				of virtual links such that		
1				unnecessary links are not		
1				attempted. This indication		
				-		
				should be backward compatible		
				to the extent possible.		
		<u> </u>		This table should have the		
				VN2VN timers and constants or		
23	E	147	table 54	the title of the table should be		
				changed to reflect the subset of		
				values listed here.		
-	-	-				
24	E	149	7.11	Section number is repeated		
				from page 148		
				In the distributed FCF overview,		
				add a statement to the effect		
				that multiple virtual domains		
				are allowed by the protocol		
				notwithstanding that all		
35	-	154	7 12	_		
25	Т Т	151	7.12	diagrams are drawn with only		
				one virtual domain. Each		
				additional virtual domain		
				requires an additional RDI using		
1				' =		
1				an additional switch name		

26	26 E 151 7.12.1		of optional VF, VE, and VA ports on an second optional bridge.	This in the nature of a clarification to help understanding and could be accomplished by way of example. Fix the picutre to precisely show what is and is not required and in what combinations. Should be able to read the diagram and clearly understand		
27	Т	154	figure 48	implies that at least one VA, one VE, and one VN port would be required but this is not quite correct in that the ports types can be included in any combination. VF and VN ports on the principal domain switching element are not specifically required but both could be present.	which combinations of ports is required and allowed. I think this can be clarified some.	
				the term 'directly reachable' is not very precise becase the	Since directly means over/across the same Ethernet L2 broadcast domain	
28	Т	160	7.12.6	''	then could say layer 2 Ethernet connected/reachable or a similar statement.	
		1	'	 Comments on FC-BB-6 Letter Ball		
Commenter:	Cisco					
C	T1-/F-1:4	D	la des	C	Duran and Calletian	
Sequence Cisco-01	Tech/Edit E	Page xxi	Index	Strange bold in table H.1	Proposed Solution fix it	
Cisco-01	T	1	table 1	More annexes are applicable to		
	·	_		FC-BB_E		
Cisco-03	Т	11	3	The definition of VE_Port should be harmonized with the one in FC-SW-5/6	fix it	
Cisco-04	E	14	3.5.36	It should be VN_Port/FCoE_LEP	fix it	
Cisco-05	E	17	3.7.5	Add VA_Port	fix it	
Cisco-06	Т	31	5	Make the VE_Port definition consistent with FC-SW-5/6	fix it	
Cisco-07	Е	90	figure 33	"FCoE" in the caption is not bold	fix it	
Cisco-08	E	multiple	multiple	Check the usage of the term "FPMA" in the context of VN2VN	"MAC address" could be a more proper term.	
Cisco-09	E	104	figure 43	bitmap figure	the approved version was vectorial	
Cisco-10	E	107	figure 44	bitmap figure	the approved version was vectorial	
Cisco-11	Т	108	7.9.3.2	12-019v1 was approved for incorporation in FC-BB-6 at the April 2012 FC-BB-6 meeting, however it has not been incorporated	Incorporate 12-019v1	
Cisco-12	Е	115	7.9.5.2	"CVL" is used only here	Replace it with "FIP Clear Virtual Links frame"	
Cisco-13	Е	117	7.9.6.2	Not in bold	fix it	
Cisco-14	Е	124	7.9.7.2	Remove the editor note. Of course, if discovery solicitations and advertisements are ignored, then the involved entities are not discovered and no Virtual Links are established, which is the proper behavior.	fix it	
Cisco-15	E	131	7.9.7.3.14	Specify that the Vendor ID is the T10 Vendor ID	fix it	
Cisco-16	E	132	7.9.7.3.16	Specify that the Vendor ID is the T10 Vendor ID		
Cisco-17	E	137	Table 52	FIP VLAN Requests and FIP VLAN Notifications can be used also by VN2VN Enodes	fix it	

Cisco-18	E	141	7.9.8.4.2	items b), c), and d) of the	fix it		
Cisco-19	E	159	7.12.5.2	Remove the editor note. Of	fix it		
				course, if the ELP Request and/or SW_ACC is ignored, then			
				no Virtual Links are established,			
				which is the proper behavior.			
Cisco-20	E	160	7.12.5.3	Add a reference "(see 7.9.5.3)" at the end of the sentence.	fix it		
Cisco-21	E	206	Table H.1	Replace the first "FIP" instance with "FCoE" in the second row	fix it		
Comments	from Brocade.	.fdf		With 1002 in the second 10 W			
State	Company	Comment No	Page	Subtype	Subject Sticky Note	Author	Comment
	nncn	#DDCD 1		Text	Sticky Note	David	In Rectangle (over,down) 1.04,1.02 to 1.29,1.27
0	BRCD	#BRCD-1	6	Highlight	Highlight	Peterson	Delete blank pages. In Rectangle (over,down) 0.95,0.78 to
						David	7.22,1.14
0	BRCD	#BRCD-2	10	Text	Sticky Note	Peterson	Fix hyphenation globally. In Rectangle (over,down) 0.91,0.94 to
					Sticky Note	David	1.16,1.19
0	BRCD	#BRCD-3	13	Text	Sticky Note	Peterson	Remove all bold text in the TOC.
				Text	Sticky Note		In Rectangle (over,down) 2.09,0.64 to 2.34,0.89
						David	Fix long sentence wrapping per ISO/IEC
0	BRCD	#BRCD-4	15		11:	Peterson	directives. In Rectangle (over,down) 3.40,1.95 to
				Highlight	Highlight	David	7.55,2.15
0	BRCD	#BRCD-5	21			Peterson	Remove bold.
				Highlight	Highlight		In Rectangle (over,down) 3.42,5.80 to 5.75,6.00
							Functional models in 7.3, 7.4, and 7.5
							use Lossless Ethernet MAC and
О	BRCD	#BRCD-6	25			jcrandal	Ethernet_POrt instead of IEEE 802.3//802.1 Lossless Ethernet.
				Highlight	Highlight		In Rectangle (over,down) 5.09,9.30 to
							5.80,9.50 Diagram has FC_BB_E (which is not
0	BRCD	#BRCD-7	25			jcrandal	defined anywhere), not FC-BB_E.
				Text	Sticky Note	David	In Rectangle (over,down) 0.86,4.37 to 1.11,4.62
О	BRCD	#BRCD-8	26			Peterson	Insert space between lines.
				Text	Sticky Note	David	In Rectangle (over,down) 0.96,7.02 to 1.21,7.27
О	BRCD	#BRCD-9	26			Peterson	Insert space between lines.
				Text	Sticky Note		In Rectangle (over,down) 6.27,2.86 to
							6.52,3.11 Add references to FC-SW-6 and FC-LS-
						David	3,
0	BRCD	#BRCD-10	27	Highlight	Highlight	Peterson	and remove FC-SW-5 and FC-LS-2. In Rectangle (over,down) 4.83,0.78 to
[_							5.51,0.98
0	BRCD	#BRCD-11	27	Highlight	Highlight	jcrandal	FC-SW-6 In Rectangle (over,down) 1.56,6.97 to
	1						2.31,7.16
0	BRCD	#BRCD-12	27	Text	Sticky Note	jcrandal	Obsoleted by RFC 5905 Errata In Rectangle (over,down) 3.03,1.16 to
	1			TEAL	Jucky Note		3.28,1.41
	BBCD	#BBCD 13	30			David	Convert all definitions to ISO/IEC
0	BRCD	#BRCD-13	29	Highlight	Highlight	Peterson	style.
							In Rectangle (over,down) 1.61,1.13 to 3.06,1.34
[1						The term VX_Port Identification is used
	PRCD	#PBCD 14	30			ioran dal	but never defined. Should also define
0	BRCD	#BRCD-14	29	Highlight	Highlight	jcrandal	VX_Port. In Rectangle (over,down) 2.36,1.97 to
	1						3.08,2.16
[1						This is not an FCoE Virtual Link. Should there be a generic term for
	1						virutal link defined to differentiate
0	BRCD	#BRCD-15	32	1		jcrandal	the one defined for FCoE.

				I	1		1
				Highlight	Highlight		In Rectangle (over,down) 1.22,6.63 to 2.26,6.83
О	BRCD	#BRCD-16	34			dap	Change to deinstantiating - global
				Highlight	Highlight	'	In Rectangle (over,down) 4.03,1.63 to
							5.08,1.83
0	BRCD	#BRCD-17	34			jcrandal	Grammar. Should be of up to two.
				Highlight	Highlight		In Rectangle (over,down) 0.95,2.13 to
0	BRCD	#BRCD-18	34			jcrandal	7.22,2.50 One or more FDF(s)
	BKCD	#BKCD-16	34	Highlight	Highlight	JCIanuai	In Rectangle (over,down) 0.95,1.63 to
							7.22,2.00
							The Switch_Names the Controlling
							FCFs
0	BRCD	#BRCD-19	34		ue Le Li	dap	that are part of a Distributed Switch.
				Highlight	Highlight		In Rectangle (over,down) 1.81,9.63 to 2.71,9.84
							Should tjis be FCoE Virtual Link as 7.6
							describes. Also virtual link is used in
0	BRCD	#BRCD-20	35			jcrandal	the context of FCIP also (3.2.18).
				Highlight	Highlight		In Rectangle (over,down) 1.87,2.30 to
_						David	2.82,2.50
0	BRCD	#BRCD-21	36		11:	Peterson	Lower case (globally).
				Highlight	Highlight		In Rectangle (over,down) 0.95,0.95 to 7.21,1.31
							This text still bothers me as I don't
							see how a VN_Port is dynamically
							instantiated after a FLOGI. I think the
							VN_Port has to be instantiated just to
							be able to transmit a FLOGI and it is
							the FCoE_LEP and associated virtual
						David	link that is dynamically instantiated. Same for VF Port and VE Port
o	BRCD	#BRCD-22	36			Peterson	definitions.
				Text	Sticky Note		In Rectangle (over,down) 0.55,1.81 to
						David	0.80,2.06
0	BRCD	#BRCD-23	36			Peterson	Add definition for VN2VN_Port.
				Highlight	Highlight		la Dantagala (avendance) 0.05.1.46.ta
							In Rectangle (over,down) 0.95,1.46 to 1.47,1.67
							Should also have definitions for VN2VN
О	BRCD	#BRCD-24	36			jcrandal	ENode and VN2VN_Port
				Highlight	Highlight		In Rectangle (over,down) 0.95,7.97 to
							7.21,8.33
	2222	WDD6D 25					Missing figure 9 and 10 and probably
0	BRCD	#BRCD-25	40	Text	Sticky Note	jcrandal	the accompanying text In Rectangle (over,down) 6.90,2.76 to
				Text	Sticky Note	David	7.15,3.01
О	BRCD	#BRCD-26	41			Peterson	A_Port or VA_Port ?
				Text	Sticky Note		In Rectangle (over,down) 3.27,0.89 to
							3.52,1.14
0	DDCD	#DDCD 27	4.4			David	Provide VA_Port to VA_Port reference
0	BRCD	#BRCD-27	44	Text	Sticky Note	Peterson	model. In Rectangle (over,down) 4.25,6.95 to
				Text	Sticky Note		4.52,7.20
1							Missing note about independent
0	BRCD	#BRCD-28	46			jcrandal	communicating pair.
				Caret	Inserted Text		In Rectangle (over,down) 2.25,7.21 to
	222	#B505.00				David	2.40,7.34
0	BRCD	#BRCD-29	48	Highlight	Highlight	Peterson	VA_Port to VA_Port virtual links,
				li ngililgili	Highlight		In Rectangle (over,down) 1.08,9.14 to
							1.52,9.31
						David	Review all notes per ISO/IEC guidelines
0	BRCD	#BRCD-30	48			Peterson	(e.g., no normative requirements).
				Highlight	Highlight	<u> </u>	In Rectangle (over,down) 5.63,6.97 to
	DDCD.	#BBCD 31	40			David	6.46,7.16
0	BRCD	#BRCD-31	48	Highlight	Highlight	Peterson	virtual links - caps or not? In Rectangle (over,down) 1.51,7.13 to
				I nement			2.29,7.33
О	BRCD	#BRCD-32	48			jcrandal	Shouldn't this be capitalized
				Highlight	Highlight		In Rectangle (over,down) 5.63,6.97 to
<u> </u> _							6.46,7.16
0	BRCD	#BRCD-33	48			jcrandal	Shouldn't this be capitalized

				Highlight	Highlight		In Doctorale (over down) 2.92.7.12 to
				nigniigni	nigniigni		In Rectangle (over,down) 3.82,7.13 to 4.61,7.33
0	BRCD	#DDCD 24	40				1 '
0	BKCD	#BRCD-34	48		In a set of Table	jcrandal	Shouldn't this be capitalized
				Caret	Inserted Text	D	In Rectangle (over,down) 3.19,7.71 to
^	DDCD	#DDCD 25	40			David	3.34,7.83
0	BRCD	#BRCD-35	49	Count	Inserted Text	Peterson	VA_Port,
				Caret	inserted Text	D	In Rectangle (over,down) 6.08,7.04 to
^	DDCD	#DDCD 3C	40			David	6.23,7.16
0	BRCD	#BRCD-36	49	- .	Cit No.	Peterson	a VA_Port,
				Text	Sticky Note		In Rectangle (over,down) 1.09,7.13 to
						D	1.34,7.38
_	2222	"DDGD 27	40			David	Having trouble parsing these
0	BRCD	#BRCD-37	49		THE LET I	Peterson	paragraphs?
				Highlight	Highlight		In Rectangle (over,down) 1.35,0.78 to
_						David	1.61,0.98
0	BRCD	#BRCD-38	50			Peterson	Delete extra space.
				Highlight	Highlight		
I							
							In Rectangle (over,down) 0.95,4.97 to
							7.22,5.83
							Replace with description of Lossless
							Ethernet characteristics. Example
							text:
							"Lossless Ethernet is implemented
							through the use of, but not limited to,
							the following Ethernet extensions:
							- The PAUSE mechanism defined in
							IEEE
							802.3-2008.
							- The Priority-based Flow Control (PFC)
							mechanism defined in IEEE 802.1Qbb;
							where, FCOE frames shall use a lossless
							priority (see IEEE 802.1Qbb).
							- The Precision Time Protocol (PTP)
							mechanism defined in IEEE 1588-2008;
							where, PTP is limited to determine link
0	BRCD	#BRCD-39	50			hjohnson	latency."
				Text	Sticky Note		In Rectangle (over,down) 3.76,3.18 to
						David	4.01,3.43
0	BRCD	#BRCD-40	82			Peterson	Add line below item j).
				Highlight	Highlight		In Rectangle (over,down) 4.18,7.37 to
						David	4.31,7.55
0	BRCD	#BRCD-41	86			Peterson	Delete
				Highlight	Highlight		In Rectangle (over,down) 6.67,1.80 to
						David	7.10,2.00
0	BRCD	#BRCD-42	89			Peterson	Review all instances of when versus if.
				Text	Sticky Note		
							In Rectangle (over,down) 7.09,7.76 to
						David	7.34,8.01
0	BRCD	#BRCD-43	108			Peterson	No text per a Distributed FCF provided.
				Caret	Inserted Text		In Rectangle (over,down) 4.60,8.38 to
						David	4.75,8.50
0	BRCD	#BRCD-44	108			Peterson	VA_Port to VA_Port Virtual Links,

				Highlight	Highlight		
							In Rectangle (over,down) 0.95,5.63 to 7.21,6.33 Replace with description of proper implementation with a list of required characteristics. Example text:
							"a proper implementation of appropriate Ethernet extension allows a full duplex Ethernet link to provide a lossless behavior equivalent to the one provided by the buffer-to-buffer credit
							mechanism (see FC-FS-3) provided the following extensions are utilized: - The PAUSE mechanism defined in IEEE 802.3-2008.
							- The Priority-based Flow Control (PFC) mechanism defined in IEEE 802.1Qbb; where,FCOE frames shall use a lossless priority (see IEEE 802.1Qbb) The Precision Time Protocol (PTP) mechanism defined in IEEE 1588-2008;
0	BRCD	#BRCD-45	108			hjohnson	where, PTP is limited to determine link latency."
0	BRCD	#BRCD-46	109	Highlight	Highlight	David Peterson	In Rectangle (over,down) 4.76,4.97 to 5.08,5.16 have
0	BRCD	#BRCD-47	109	Highlight	Highlight	David	In Rectangle (over,down) 5.58,5.13 to 5.90,5.33
0	BRCD	#BRCD-47	109	Text	Sticky Note	Peterson David	In Rectangle (over,down) 0.97,1.83 to 1.22,2.08
0	BRCD	#BRCD-48	109	Highlight	Highlight	Peterson David	Add outer line border to all figures. In Rectangle (over,down) 4.43,0.78 to 4.75,0.98
0	BRCD	#BRCD-49	110	Highlight	Highlight	Peterson David	have In Rectangle (over,down) 5.73,7.80 to 6.06,8.00
0	BRCD	#BRCD-50	110	Highlight	Highlight	Peterson	In Rectangle (over,down) 2.62,8.30 to 3.43,8.50
0	BRCD	#BRCD-51	110	Highlight	Highlight	jcrandal	dashed lines In Rectangle (over,down) 5.51,4.97 to
0	BRCD	#BRCD-52	111	Highlight	Highlight	David Peterson	5.84,5.16 have In Rectangle (over,down) 3.25,6.63 to
0	BRCD	#BRCD-53	111	Highlight	Highlight	David Peterson	3.53,6.83 VN In Rectangle (over,down) 3.33,4.63 to
0	BRCD	#BRCD-54	111			David Peterson	3.78,4.83 Should be bold font.
				Highlight	Highlight		In Rectangle (over,down) 4.08,5.13 to 4.58,5.33 There is no FCF A in the diagram. Only
0	BRCD	#BRCD-55	111	Highlight	Highlight	jcrandal	FCF. In Rectangle (over,down) 7.06,5.47 to 7.55,5.66
0	BRCD	#BRCD-56	111	Highlight	Highlight	jcrandal David	dashed In Rectangle (over,down) 5.18,0.78 to 5.51,0.98
0	BRCD	#BRCD-57	112	Highlight	Highlight	Peterson	have In Rectangle (over,down) 1.28,5.30 to
0	BRCD	#BRCD-58	113	Highlight	Highlight	David Peterson	1.49,5.50 upon In Rectangle (over,down) 5.72,5.30 to
0	BRCD	#BRCD-59	113			David Peterson	5.92,5.50 upon
0	BRCD	#BRCD-60	113	Caret	Inserted Text	David Peterson	In Rectangle (over,down) 5.58,7.38 to 5.73,7.50 (see 7.7)

				Highlight	Highlight		In Rectangle (over,down) 0.95,6.63 to 7.21,7.00
							A VN2VN ENode MAC has one or more
						David	VN_Port(s), called VN2VN_Port(s), dedicated to the instantiation of
О	BRCD	#BRCD-61	114			Peterson	VN_Port to VN_Port Virtual Links.
				Highlight	Highlight		In Rectangle (over,down) 4.47,7.63 to
							5.29,7.83 address identifiers
							audiess identifiers
						David	Use address identifier, not N_Port_ID,
0	BRCD	#BRCD-62	114		Highlight	Peterson	globally.
				Highlight	Highlight		In Rectangle (over,down) 3.58,9.13 to 4.72,9.33
							VN2VN-FC-MAP (see table 54).
	2200	#PDCD 63				David	
0	BRCD	#BRCD-63	114	StrikeOut	Cross-Out	Peterson	Add VN2VN-FC-MAP to table 54. In Rectangle (over,down) 0.94,9.13 to
				Strikeout	cross out		7.22,9.50
							StrikeOut:
						David	The constant VN2VN-FC-MAP has the value
О	BRCD	#BRCD-64	114			Peterson	0EFD00h.
				Highlight	Highlight		In Rectangle (over,down) 3.42,9.63 to
						D4-4	4.48,9.83
0	BRCD	#BRCD-65	114			David Peterson	There are no other instances of Fabric FC-MAP.
				Highlight	Highlight		In Rectangle (over,down) 1.28,0.78 to
							7.55,1.14
							Don't see how figure 33 shows that Locally Unique N_Port_IDs shall not
							conflict with and shall be independent
							from the N_Port_IDs assigned by a
	DDCD	#DDCD 66	115			David	Fibre
0	BRCD	#BRCD-66	115	Highlight	Highlight	Peterson	Channel Fabric. In Rectangle (over,down) 2.01,1.11 to
							6.72,1.31
							Locally Unique N_Port_IDs shall be in
o	BRCD	#BRCD-67	115			David Peterson	the range 000001h to 00FFFEh, inclusive.
	БКСБ	IIBRED 07	113	Highlight	Highlight	i cecison	In Rectangle (over,down) 5.20,2.97 to
	2200	#PDGD 60	445			David	5.52,3.16
0	BRCD	#BRCD-68	115	Highlight	Highlight	Peterson	either
							In Rectangle (over,down) 1.08,6.64 to
							7.21,6.97
							The Lossless Ethernet bridging element does not belong in the model.
							does not belong in the model.
							No issue with stating "Each FCF-MAC
						David	may be coupled with a Lossless Ethernet
0	BRCD	#BRCD-69	116			Peterson	bridging element (see IEEE 802
				Highlight	Highlight		In Rectangle (over,down) 0.95,7.13 to
						Dovid	1.41,7.33
О	BRCD	#BRCD-70	116			David Peterson	Review all instances of "when" and change to "if" if appropriate.
				Highlight	Highlight		In Rectangle (over,down) 0.95,8.80 to
						<u> </u>	7.22,9.16
О	BRCD	#BRCD-71	116			David Peterson	This sentence states the obvious and provide little value.
Ĭ	BILLED	#BNCD /1	110	Highlight	Highlight	1 (((3011	In Rectangle (over,down) 0.95,7.13 to
							1.41,7.33
0	BRCD	#BRCD-72	116	Highlight	Highlight	jcrandal	Should be If In Rectangle (over,down) 1.65,2.30 to
				I ngimgiit	i iigiiiigiit	David	2.22,2.50
0	BRCD	#BRCD-73	117			Peterson	transmits
				Highlight	Highlight	David	In Rectangle (over,down) 1.65,5.63 to 2.22,5.83
О	BRCD	#BRCD-74	117			Peterson	initiates
				Highlight	Highlight		In Rectangle (over,down) 1.65,5.63 to
	DDCD	#BBCD 75	447			David	2.22,5.83 transmits
0	BRCD	#BRCD-75	117			Peterson	transmits

				Highlight	Highlight		In Rectangle (over,down) 2.79,8.63 to
							3.76,8.83
							decapsulation or de-encapsulation
_						David	
0	BRCD	#BRCD-76	117		Le Le Li	Peterson	Pick one and be consistent.
				Highlight	Highlight	Douid	In Rectangle (over,down) 1.28,8.63 to
0	BBCB	#DDCD 77	117			David	1.49,8.83
0	BRCD	#BRCD-77	117	Highlight	Highlight	Peterson	upon In Rectangle (over,down) 5.72,8.63 to
				Ingingin	riigiiiigiit	David	5.92,8.83
0	BRCD	#BRCD-78	117			Peterson	in
	Биев	IIBINED 70	117	Highlight	Highlight	i eterson	In Rectangle (over,down) 5.72,8.63 to
						David	5.92,8.83
0	BRCD	#BRCD-79	117			Peterson	upon
				Highlight	Highlight		In Rectangle (over,down) 3.71,6.96 to
							4.09,7.13
							Where/when does the
						David	VF_Port/FCoE_LEP
0	BRCD	#BRCD-80	118			Peterson	verify the D_ID is correct?
				Caret	Inserted Text		In Rectangle (over,down) 3.22,7.54 to
						David	3.37,7.67
0	BRCD	#BRCD-81	118			Peterson	VA_Ports,
				StrikeOut	Cross-Out		In Rectangle (over,down) 7.05,6.46 to
							7.23,6.67
						David	StrikeOut:
0	BRCD	#BRCD-82	119			Peterson	S
				Caret	Inserted Text	David	In Rectangle (over,down) 3.57,4.71 to
	BBCB	#BRCD-83	120			David	3.71,4.83
0	BRCD	#BRCD-83	120	Caret	Inserted Text	Peterson	i.e., In Rectangle (over,down) 3.57,5.38 to
				Caret	liiserted Text	David	3.71,5.50
О	BRCD	#BRCD-84	120			Peterson	i.e.,
	Биев	IIBINED 64	120	Caret	Inserted Text	i eterson	In Rectangle (over,down) 4.49,6.04 to
				ou.cc	Inserted rext	David	4.64,6.16
О	BRCD	#BRCD-85	120			Peterson	i.e.,
				StrikeOut	Cross-Out		In Rectangle (over,down) 3.00,6.63 to
							3.18,6.83
						David	StrikeOut:
0	BRCD	#BRCD-86	120			Peterson	s
				Text	Sticky Note		In Rectangle (over,down) 1.76,3.85 to
						David	2.01,4.10
0	BRCD	#BRCD-87	121			Peterson	Acronymm VL is not defined.
				Highlight	Highlight		In Rectangle (over,down) 5.30,4.88 to
	2200	WDDGD 00	424			David	6.68,5.09
0	BRCD	#BRCD-88	121		Incorporate Tour	Peterson	In Rectangle (over,down) 3.83,5.71 to
				Caret	Inserted Text	David	3.98,5.84
О	BRCD	#BRCD-89	122			Peterson	i.e.,
	БКСБ	#BINCD 03	122	Caret	Inserted Text	i eterson	In Rectangle (over,down) 4.21,5.71 to
				00.00	Inserted rext	David	4.37,5.84
О	BRCD	#BRCD-90	122			Peterson	s
	1			Caret	Inserted Text		In Rectangle (over,down) 4.20,6.38 to
						David	4.35,6.50
О	BRCD	#BRCD-91	122			Peterson	i.e.,
				Highlight	Highlight		In Rectangle (over,down) 1.66,8.47 to
						David	2.17,8.66
0	BRCD	#BRCD-92	122			Peterson	shall
		\top		Caret	Inserted Text		In Rectangle (over,down) 4.43,8.54 to
						David	4.58,8.66
0	BRCD	#BRCD-93	122			Peterson	inclusive
				Highlight	Highlight		In Rectangle (over,down) 0.95,8.80 to
							5.09,9.00
							Stating ENodes shall use FPMAs as
						David	VN_Port MAC addresses again is redundant (i.e., see first sentence in
	BRCD	#BRCD-94	122			David	subclause).
0	BKCD	#BKCD-94	122	Highlight	Highlight	Peterson	In Rectangle (over,down) 4.63,0.78 to
				i ngiligiit	I ng mg m	David	4.88,0.98
0	BRCD	#BRCD-95	123			Peterson	22
ř	DITCD	II DICED 33	123	Caret	Inserted Text	1 CtC13011	In Rectangle (over,down) 1.78,5.21 to
1						David	1.92,5.33
О	BRCD	#BRCD-96	123			Peterson	set
							+

				lue rie ri	he re r	<u> </u>	1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 2, 2, 1, 2, 1, 2, 2, 2, 1, 2, 1, 2, 2, 2, 1, 2, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
				Highlight	Highlight		In Rectangle (over,down) 3.82,2.13 to
						David	4.73,2.33 the VLANs that provide FC-BB E
0	BRCD	#BRCD-97	125			Peterson	services
0	BNCD	#BRCD-97	123	Caret	Inserted Text	reterson	In Rectangle (over,down) 5.10,8.88 to
				Caret	inserted Text	David	5.26,9.01
0	BRCD	#BRCD-98	125			Peterson	example
	565		123	Highlight	Highlight		In Rectangle (over,down) 2.25,9.47 to
							2.59,9.66
0	BRCD	#BRCD-99	125			dap	manner
				Highlight	Highlight	<u> </u>	In Rectangle (over,down) 1.73,0.78 to
							3.75,0.98
							The diagram refers informatively to
							static VLAN configurations and default
							FCoE VLANs. Should the overview
_							include
0	BRCD	#BRCD-100	125			jcrandal	this?
				Caret	Inserted Text		In Rectangle (over,down) 1.57,6.71 to
							1.72,6.83 then that Ä
							then that A
0	BRCD	#BRCD-101	126			dap	Also do a global review
_	БКСБ	#BICD 101	120	Caret	Inserted Text	цар	In Rectangle (over,down) 1.55,1.55 to
				Curet	mserted rext		1.70,1.67
О	BRCD	#BRCD-102	126			dap	then that
				Highlight	Highlight		In Rectangle (over,down) 1.45,5.63 to
							1.80,5.83
О	BRCD	#BRCD-103	126			dap	manner
				Highlight	Highlight		In Rectangle (over,down) 2.47,2.47 to
							3.05,2.66
0	BRCD	#BRCD-104	126			jcrandal	instantiate additional?
				Highlight	Highlight		In Rectangle (over,down) 2.64,3.46 to
							2.93,3.63
							What is "this"? Replace with
							ENode/FCF
0	BRCD	#BRCD-105	126			jcrandal	VLAN discovery?
				Highlight	Highlight		In Rectangle (over,down) 2.64,8.62 to
							2.93,8.80
	nncn	#DDCD 100	120			:	What is "this"? Replace with FCF/FCF
0	BRCD	#BRCD-106	126		Highlight	jcrandal	VLAN Discovery
				Highlight	Highlight		In Rectangle (over,down) 4.54,3.30 to 6.98,3.48
							Not sure what this is trying to say.
							Are we not simply saying that to
							discover the Enode/FCF VLANs,
							discovery
О	BRCD	#BRCD-107	126			icrandal	may take up to this much time?
				Highlight	Highlight		In Rectangle (over,down) 4.54,8.47 to
							6.98,8.65
							Not sure what this is trying to say.
							Are we not simply saying that to
							discover the FCF/FCF VLANs, discovery
0	BRCD	#BRCD-108	126			jcrandal	may take up to this much time?
				Highlight	Highlight		In Rectangle (over,down) 1.57,1.47 to
		#B555 455				ļ	1.91,1.66
0	BRCD	#BRCD-109	126		Highlight	jcrandal	then the
				Highlight	Highlight		In Rectangle (over,down) 1.59,6.63 to 1.93,6.83
0	BRCD	#BRCD-110	126			jcrandal	1.93,6.83 then the
0	BRCD	#BKCD-110	120	StrikeOut	Cross-Out	Juranuai	In Rectangle (over,down) 7.37,0.77 to
				StrikeOut	Cross-Out		7.55,0.98
							7.55,0.98 StrikeOut:
o	BRCD	#BRCD-111	127			dap	Empty Comment
				StrikeOut	Cross-Out	1000	In Rectangle (over,down) 3.97,1.27 to
							4.15,1.48
							StrikeOut:
О	BRCD	#BRCD-112	127			dap	Empty Comment
				StrikeOut	Cross-Out	F -	In Rectangle (over,down) 6.24,1.94 to
							6.42,2.15
							StrikeOut:
О	BRCD	#BRCD-113	127			dap	Empty Comment
				Highlight	Highlight		In Rectangle (over,down) 1.28,1.78 to
							1.63,1.98
	BRCD	#BRCD-114	127	I	1	dap	An

				Caret	Inserted Text		In Rectangle (over,down) 3.17,1.77 to 3.36,1.98
0	BRCD	#BRCD-115	127	Highlight	Highlight	dap	In Rectangle (over,down) 7.10,1.78 to
0	BRCD	#BRCD-116	127			dap	7.55,1.98 the specified
	ВКСВ	#BRCD-110	127	Highlight	Highlight	цар	In Rectangle (over,down) 3.24,1.11 to
							3.72,1.31
							Comment on 7.9.6 states that the definition is occuring after the use of
							All-VN2VN-ENode-MACs. Otherwise
							some reference to the section 7.9.6 which
							defines All_VN2VN-ENode-MACS
							should be
0	BRCD	#BRCD-117	127	Highlight	Highlight	jcrandal	here. In Rectangle (over,down) 1.58,1.78 to
				riigiiiigiit	i iigiiigii		2.47,1.98
0	BRCD	#BRCD-118	127			jcrandal	Should be VN2VN ENode MAC.
				Highlight	Highlight		In Rectangle (over,down) 1.28,1.28 to 4.14,1.48
							What happens when a VN2VN ENode is
_							not
0	BRCD	#BRCD-119	127	Highlight	Highlight	jcrandal	configured to provide VLANs? In Rectangle (over,down) 3.74,9.30 to
				1.181118116	1.1.5.1.15.1.1		3.91,9.50
0	BRCD	#BRCD-120	128			dap	Empty Comment
				StrikeOut	Cross-Out		In Rectangle (over,down) 6.22,1.29 to 6.40,1.50
							StrikeOut:
0	BRCD	#BRCD-121	129			dap	Empty Comment
				Caret	Inserted Text		In Rectangle (over,down) 3.32,1.55 to 3.47,1.67
o	BRCD	#BRCD-122	129			dap	then
				StrikeOut	Cross-Out		In Rectangle (over,down) 3.53,2.63 to
							3.71,2.83 StrikeOut:
o	BRCD	#BRCD-123	129			dap	Empty Comment
				Highlight	Highlight		In Rectangle (over,down) 5.50,0.78 to
0	BRCD	#BRCD-124	129			dap	5.85,0.98 manner
				Highlight	Highlight	·	In Rectangle (over,down) 5.55,6.47 to
0	BRCD	#BRCD-125	129			icrandal	6.23,6.66 FC-SW-6
	БКСБ	#BNCD-123		Highlight	Highlight	jerandar	In Rectangle (over,down) 2.98,3.62 to
							3.26,3.80
0	BRCD	#BRCD-126	129	Highlight	Highlight	jcrandal	VN2VN ENode Discovery In Rectangle (over,down) 4.87,3.47 to
				riigiiiigiit	i iigiiigii		7.32,3.65
							Not sure what this is trying to say.
							Are we not simply saying that to discover the VN2VN Enode VLANs,
							discovery may take up to this much
0	BRCD	#BRCD-127	129		LE LE L	jcrandal	time?
				Highlight	Highlight		In Rectangle (over,down) 3.34,1.47 to 4.68,1.66
							then the VN2VN ENode whose
0	BRCD	#BRCD-128	129		I i al-liala	jcrandal	configuration of VLANs changed
				Highlight	Highlight		In Rectangle (over,down) 2.25,3.13 to 2.59,3.33
0	BRCD	#BRCD-129	131			dap	manner
				Highlight	Highlight		In Rectangle (over,down) 1.79,3.80 to
О	BRCD	#BRCD-130	131			dap	2.13,4.00 manner
				Highlight	Highlight		In Rectangle (over,down) 1.79,5.63 to
0	BRCD	#BRCD-131	133			dap	2.13,5.83 manner
	BICD	#DI/CD-131		Highlight	Highlight	uap	In Rectangle (over,down) 5.60,7.80 to
							5.74,8.00
0	BRCD	#BRCD-132	133	Highlight	Highlight	dap	Empty Comment In Rectangle (over,down) 5.60,7.80 to
				i iigiiigiit	Luginigit		5.74,8.00
О	BRCD	#BRCD-133	133			dap	Delete extra space.

				Highlight	Highlight		In Rectangle (over,down) 3.92,0.78 to
_				0 0			4.80,0.98
)	BRCD	#BRCD-134	134	⊔iahliah+	Highlight	dap	In Rectangle (over,down) 6.60,4.80 to
				Highlight	Highlight		7.21,5.00
)	BRCD	#BRCD-135	134			dap	address
				Highlight	Highlight		In Rectangle (over,down) 6.43,5.30 to
)	BRCD	#BRCD-136	134			dap	6.81,5.50 The
	ВКСВ	#BICD-130	134	Highlight	Highlight	иар	In Rectangle (over,down) 0.95,6.47 to
							2.42,6.66
)	BRCD	#BRCD-137	134			dap	provide a reference
				Highlight	Highlight		In Rectangle (over,down) 3.66,2.13 to 4.48,2.33
0	BRCD	#BRCD-138	136			dap	instantiation
				Highlight	Highlight		In Rectangle (over,down) 4.09,5.97 to
,	DDCD	#BBCD 130	127			don	4.93,6.16
)	BRCD	#BRCD-139	137	Highlight	Highlight	dap	In Rectangle (over,down) 0.95,6.63 to
							2.76,6.83
)	BRCD	#BRCD-140	138			dap	Change to bold font.
				Highlight	Highlight		In Rectangle (over,down) 0.95,2.46 to 3.27,2.67
							This section to occur before 7.9.2.4
							because that uses ALL-VN2VN-ENode-
)	BRCD	#BRCD-141	138			jcrandal	MACS.
				Highlight	Highlight		In Rectangle (over,down) 1.28,5.63 to 1.63,5.83
)	BRCD	#BRCD-142	139			dap	manner
				Highlight	Highlight		In Rectangle (over,down) 2.72,9.30 to
_							2.91,9.50
)	BRCD	#BRCD-143	139	Caret	Inserted Text	dap	An In Rectangle (over,down) 3.04,7.88 to
				Caret	inserted rext		3.19,8.00
)	BRCD	#BRCD-144	140			dap	,
				StrikeOut	Cross-Out		In Rectangle (over,down) 3.39,7.96 to
							3.54,8.17 StrikeOut:
0	BRCD	#BRCD-145	140			dap	Empty Comment
				Highlight	Highlight	·	In Rectangle (over,down) 5.90,4.13 to
•	2200	#PD6D 446	4.40				6.25,4.33
0	BRCD	#BRCD-146	142	Highlight	Highlight	dap	manner In Rectangle (over,down) 2.34,7.97 to
				11161116111	1.18.118.11		7.42,8.16
0	BRCD	#BRCD-147	145			dap	Resolved editor's note.
				Highlight	Highlight		In Rectangle (over,down) 6.83,3.80 to
0	BRCD	#BRCD-148	146			dap	7.18,4.00 manner
<u>- </u>				Highlight	Highlight		In Rectangle (over,down) 5.74,3.30 to
							5.99,3.50
0	BRCD	#BRCD-149	150	Highlight	Highlight	dap	In Rectangle (over,down) 5.94,6.97 to
				riigiiiigiit	Ingingit		6.20,7.16
0	BRCD	#BRCD-150	150			dap	a
				Caret	Inserted Text		In Rectangle (over,down) 4.08,7.05 to
0	BRCD	#BRCD-151	150			dap	4.23,7.17
	שונט	101CD 131	130	Caret	Inserted Text	uap	In Rectangle (over,down) 3.81,3.38 to
							3.96,3.50
0	BRCD	#BRCD-152	150	C	Inc. 1. Tax. 1	dap	, la Dantagala (
				Caret	Inserted Text		In Rectangle (over,down) 3.88,0.57 to 4.01,0.68
0	BRCD	#BRCD-153	151			dap	Empty Comment
				Caret	Inserted Text		In Rectangle (over,down) 3.48,1.55 to
^	DDCD	#DDCD 454	454			ļ	3.63,1.67
0	BRCD	#BRCD-154	151	Caret	Inserted Text	dap	In Rectangle (over,down) 3.73,5.04 to
				· · · - ·			3.88,5.16
)	BRCD	#BRCD-155	151			dap	,
				Caret	Inserted Text		In Rectangle (over,down) 5.20,0.86 to
0	BRCD	#BRCD-156	153			dap	5.35,0.98
	1	122 250	100	Text	Sticky Note		In Rectangle (over,down) 5.51,2.44 to
							5.76,2.69
0	BRCD	#BRCD-157	155	1	1	dap	Increase column size.

				Highlight	Highlight		In Rectangle (over,down) 3.70,3.13 to
							5.24,3.34
							Review use of capitolization
							globallyi.e., do not use caps if not
0	BRCD	#BRCD-158	161			dap	needed.
				StrikeOut	Cross-Out		In Rectangle (over,down) 5.52,3.79 to 5.70,4.00
							StrikeOut:
0	BRCD	#BRCD-159	161			dap	Empty Comment
	505	#B1102 133		Caret	Inserted Text	- Gup	In Rectangle (over,down) 5.57,3.88 to
							5.72,4.00
0	BRCD	#BRCD-160	161			dap	Empty Comment
				Caret	Inserted Text		In Rectangle (over,down) 6.72,9.04 to
_							6.87,9.17
0	BRCD	#BRCD-161	161	11:	Highlight	dap	, la Bantanala (avendaria) 1 02 0 07 ta
				Highlight	Inigniignt		In Rectangle (over,down) 1.92,8.97 to 2.17,9.16
О	BRCD	#BRCD-162	161			dap	a
	565	1100 102	101	Highlight	Highlight	ССР	In Rectangle (over,down) 1.61,0.95 to
							1.87,1.14
0	BRCD	#BRCD-163	162			dap	a
				Caret	Inserted Text		In Rectangle (over,down) 6.83,1.03 to
							6.98,1.15
0	BRCD	#BRCD-164	162		10: 10: 1	dap	,
				Highlight	Highlight		In Rectangle (over,down) 1.59,1.80 to
0	BRCD	#BRCD-165	162			dap	1.84,2.00
	Биев	IIBINED 103	102	Caret	Inserted Text	аар	In Rectangle (over,down) 6.39,1.88 to
							6.53,2.00
О	BRCD	#BRCD-166	162			dap	,
				Highlight	Highlight		In Rectangle (over,down) 0.95,3.30 to
							7.21,3.66
							Specify the behavior if the FPMA is not
0	BRCD	#BRCD-167	162	C		dap	properly formed.
				StrikeOut	Cross-Out		In Rectangle (over,down) 1.31,4.96 to
							1.61,5.17 StrikeOut:
О	BRCD	#BRCD-168	162			dap	Empty Comment
	565	#B1102 100		StrikeOut	Cross-Out	ССР	In Rectangle (over,down) 1.31,5.29 to
							1.59,5.50
							StrikeOut:
0	BRCD	#BRCD-169	162			dap	Empty Comment
				StrikeOut	Cross-Out		In Rectangle (over,down) 1.31,5.63 to
							1.58,5.83 StrikeOut:
О	BRCD	#BRCD-170	162			dap	Empty Comment
	БКСБ	#BRCD 170	102	Caret	Inserted Text	иар	In Rectangle (over,down) 4.88,6.88 to
							5.03,7.00
О	BRCD	#BRCD-171	163			dap	,
				Caret	Inserted Text		In Rectangle (over,down) 4.89,7.38 to
							5.04,7.50
0	BRCD	#BRCD-172	163			dap	,
				Caret	Inserted Text		In Rectangle (over,down) 4.87,7.88 to
0	BRCD	#BRCD-173	163			مام م	5.02,8.00
	DNCD	#DICD-1/3	103	Caret	Inserted Text	dap	In Rectangle (over,down) 6.11,3.88 to
				Sarce	scrtcu rext		6.26,4.00
0	BRCD	#BRCD-174	164			dap	[,
				Caret	Inserted Text	F	In Rectangle (over,down) 4.09,4.38 to
							4.24,4.50
0	BRCD	#BRCD-175	164			dap	,
				Caret	Inserted Text		In Rectangle (over,down) 4.07,4.88 to
	222	#DDCC 4==				 .	4.22,5.00
0	BRCD	#BRCD-176	164		Ujahliah*	dap	In Postangle (over dover) 4.20.0.42:
				Highlight	Highlight		In Rectangle (over,down) 1.28,9.13 to 4.94,9.33
0	BRCD	#BRCD-177	165			dap	What other name would it be set to?
	51100		103	Highlight	Highlight	dap	In Rectangle (over,down) 0.95,0.78 to
				J			7.22,1.14
О	BRCD	#BRCD-178	166			dap	What other name would it be set to?
				Caret	Inserted Text		In Rectangle (over,down) 2.56,8.71 to
							2.71,8.83
0	BRCD	#BRCD-179	166			dap	

	BBCD.	#DDCD 190	166	Caret	Inserted Text	don	In Rectangle (over,down) 2.56,5.88 to 2.71,6.00
0	BRCD	#BRCD-180	166	Caret	Inserted Text	dap	In Rectangle (over,down) 5.05,1.03 to
О	BRCD	#BRCD-181	167			dap	5.20,1.15 i.e.,
				Caret	Inserted Text	·	In Rectangle (over,down) 4.22,3.71 to 4.37,3.83
О	BRCD	#BRCD-182	167			dap	i.e.,
				Caret	Inserted Text		In Rectangle (over,down) 5.05,7.38 to 5.20,7.50
О	BRCD	#BRCD-183	167			dap	i.e.,
				Caret	Inserted Text		In Rectangle (over,down) 4.71,2.54 to 4.86,2.66
0	BRCD	#BRCD-184	168	Caret	Inserted Text	dap	i.e., In Rectangle (over,down) 2.56,1.38 to
					mserted rext		2.71,1.50
0	BRCD	#BRCD-185	168	Highlight	Highlight	dap	In Rectangle (over,down) 1.28,6.80 to
	220	#BBGB 406	4.50				1.79,7.00
0	BRCD	#BRCD-186	169	Text	Sticky Note	dap	Should be shall. In Rectangle (over,down) 2.61,0.71 to
							2.86,0.96 The Distributed FCF model currently
							does not support more than two
							Controlling FCFs. Implement changes per
О	BRCD	#BRCD-187	172			dap	13-017.
				Text	Sticky Note		In Rectangle (over,down) 3.09,0.71 to
							3.34,0.96 The Distributed FCF text in FC-BB-6 is
							dependent on finalized FC-SW-6
							Distributed Switch text. As such this draft standard must not be forwarded
							to
О	BRCD	#BRCD-188	172			dap	public review until FC-SW-6 letter ballot comment resolution is complete.
				Highlight	Highlight		In Rectangle (over,down) 1.28,0.95 to 7.55,1.48
							I don't think we resolved the
							relationship between Switch_Name and
							virtual domain. The implication in this
							statement is that a Controlling FCF can use one Switch_Name for more than
							one Domain_ID; however, I thought it was
							determined that a one to one
							relationship between Switch_Name and
О	BRCD	#BRCD-189	173		11:	hjohnson	Domain_ID was necessary.
				Highlight	Highlight		In Rectangle (over,down) 1.28,7.97 to 7.55,8.33
							The statement that at least two Augmented VE_Port to VE_Port virtual
							links is ambiguous and should be
							removed. A single VE_Port to VE_Port Virtual Link is all that is needed to
							support the redundancy protocol.
							Furthermore, the model supports multiple VE_Ports over a single
							physical Lossless Ethernet connection. Both the diagram and the text imply,
							but do not designate, that the two
О	BRCD	#BRCD-190	173			hjohnson	Augmented links are two physically separate links.
-		1222 233	173	Caret	Inserted Text		In Rectangle (over,down) 3.53,4.38 to
О	BRCD	#BRCD-191	181			David Peterson	3.68,4.50 the
				Caret	Inserted Text		In Rectangle (over,down) 5.45,4.38 to 5.60,4.50
О	BRCD	#BRCD-192	181			dap	the
Comments of State	on IBM.fdf Company	Comment Nu	Page	Subtype	Subject	Author	Comment
Juic	Leombany	Leonnie III IV	1. 486	Jantype	Junject	Autiloi	Comment

				11:-61:-64	Comment on Text		In Destanda (2002 dessa) 4 07 0 05 to
				Highlight	Comment on Text		In Rectangle (over,down) 1.87,8.95 to 4.11,9.14
							IBM-R1:E::
							Change bar indicated here, but no
							change bars indicated in section 4.4.1.
0	IBM	#IBM-1	13			rhathorn	What was the change?
				Highlight	Highlight		In Rectangle (over,down) 2.44,7.97 to
							3.58,8.16
^	IDAA	#IDN4 2	20			uh ath aua	IBM-P1:E::
0	IBM	#IBM-2	29	Highlight	Highlight	rhathorn	a port capable In Rectangle (over,down) 4.35,8.47 to
				i iigiiiigiit	riigiiiigiit		5.45,8.66
							IBM-P2:E::
							reference? definition? (for Transport
0	IBM	#IBM-3	29			rhathorn	Trail)
				Highlight	Highlight		In Rectangle (over,down) 1.53,0.77 to
							3.69,1.00
							IBM-S1:E::
							Update definitions to conform to style
0	IBM	#IBM-4	29			rhathorn	guide requirements for ISO certification
0	IDIVI	#IDIVI-4	23	Text	Sticky Note	mathom	In Rectangle (over,down) 7.11,6.32 to
				Text	Sticky Note		7.39,6.57
							IBM-P3:T::
							and VA_Ports and VN2VN_Ports
0	IBM	#IBM-5	34			patty drieve	er Also add to FCoE Entity
				Highlight	Comment on Text		In Rectangle (over,down) 4.02,9.30 to
							5.67,9.50
							IBM-P4:E::
_							Should FCDF also be defined or a
0	IBM	#IBM-6	34	T+	Chialm Nana	rhathorn	reference to SW-6 added?
				Text	Sticky Note		In Rectangle (over,down) 4.05,3.64 to 4.33,3.89
							IBM-p5:E::
							The term "LCF" is not previously
							defined.
О	IBM	#IBM-7	35			patty drieve	Pr Define or add (see FC-FS-3)
				Text	Sticky Note		In Rectangle (over,down) 0.86,1.99 to
							1.14,2.24
							IBM-37:E::Add the following
							definitions:
							N_Port_ID P2P Claim Notification: a FIP
							N_Port_ID Claim Notification with the
							Rec/P2P bit set to 1
							N Port ID P2P Claim Response: a FIP
							N_Port_ID Claim with the Rec/P2P bit
0	IBM	#IBM-8	36			rhathorn	set to 1
				Text	Sticky Note		In Rectangle (over,down) 6.95,6.39 to
							7.23,6.64
_							and FDFs? or "including distributed
0	IBM	#IBM-9	40			patty drieve	
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,6.97 to 7.22,7.33
							7.22,7.33 IBM-R3:T::
							This statement needs to include
							VA Port
0	IBM	#IBM-10	48			rhathorn	to VA_Port virtual links.
				Highlight	Comment on Text		In Rectangle (over,down) 4.77,6.97 to
							7.01,7.16
							IBM-R2:T::
							VA_Port should be included in this
0	lint :	WDN4 44					list, and perhaps a reference to
0	IBM	#IBM-11	49	Highlight	Comment on Tout	rhathorn	FC-SW-6 In Rectangle (over,down) 2.03,7.63 to
				Highlight	Comment on Text		4.03,7.83
							IBM-R2:E::
0	IBM	#IBM-12	49			rhathorn	See IBM-R2
-	1		13	Highlight	Comment on Text	21100110111	In Rectangle (over,down) 0.95,7.97 to
				-			7.21,8.33
							IBM-H1:T::
							What is the scope of this requirement?
							A strict interpretation would require
ı				l		[that all frames between a given pair of

	1	1 1		l	I	ĺ	endpoints arrive in the same order that
							enupoints arrive in the same order that
							they were sent. That would also
							preclude the use of exchange based
							hashing on aggregated ethernet links
							which, in turn, disallows the use of a
0	IBM	#IBM-13	50			rhathorn	significant load balancing mechanism.
				Highlight	Highlight		In Rectangle (over,down) 2.87,2.00 to 4.20,2.20
							IBM-p6:E::
							"A proper implementation of Ethernet
							extensions" - words in bold need to
							be added (consistent with wording in
0	IBM	#IBM-14	51			rhathorn	4.3.4)
				Text	Sticky Note		In Rectangle (over,down) 2.10,1.91 to
							2.38,2.16
							IBM-R14:E::
0	IBM	#IBM-15	111			rhathorn	These are VN2VN_Ports
				Text	Sticky Note		In Rectangle (over,down) 0.63,2.91 to
							0.91,3.16
							IBM-R46:T::
							Replace this statement (modified from
							it's original text):
							Although it will function with only two
							VN2VN ENode MACs visible to each
							other
							over a Lossless Ethernet network, the
							point-to-point protocol is intended for
							the case of two VN2VN ENode MACs
							connected through a single cable so
							that certain assumptions can be made
							for faster initialization (e.g.
							elimination of Probe Requests and
0	IBM	#IBM-16	112			rhathorn	associated delays).
				Highlight	Comment on Text		In Rectangle (over,down) 5.74,8.80 to
							7.26,9.00
							IBM-R10:T::
							Refer to FC-LS-3 and FC-FS-4 as there
							are behaviors there that are prefered
							fro FCoE VN_Ports (e.g. phy type
0	IBM	#IBM-17	113			rhathorn	identification in RNID)
				Text	Sticky Note		In Rectangle (over,down) 0.46,4.22 to
							0.74,4.47
							IBM-R11:T::
							The 2 stacks on the left should be
							shown as optional with brackets. A
							VN2VN Enode does not have to also
0	IBM	#IBM-18	114			rhathorn	provide FC_BB_E Fabric connectivity.
				Highlight	Comment on Text		In Rectangle (over,down) 3.78,6.80 to
							5.22,7.00
							IBM-R12:T::
							This sentence only applies to
							multi-point mode.
							Change to:
							When operating in a multi-point mode,
_							
0	IBM	#IBM-19	114			rhathorn	the FCoE Controller
				Highlight	Comment on Text		In Rectangle (over,down) 1.28,0.78 to
							2.43,0.98
							IBM-R13:E::
							Figure 33 does not show anything
							about
							N_Port IDs.
							Say:
							Figure 33 shows a mixed FCoE network
							consisting of both VN_Port to VF_Port
							virtual links and VN_Port to VN_Port
							virtual links. In such a configuration,
	IBM	#IBM-20	115			rhathorn	Locally Unique N_Port_IDs
0				Text	Sticky Note		In Rectangle (over,down) 0.66,2.86 to
0				1		1	0.94,3.11
0							
0							IBM-R15:T::
0							

1							
	1						functional model, add the section that
							summarizes the responsibilities of the
							FCoE Controller as is provided in the
							other functional models. e.g.;
							For a VN2VN ENode's MAC, the FCoE
							Controller:
							a) makes up a LUID
							b) Probes (if multi-point)
							c) Claims
							d) Beacons
							e) instantiates VN_Port to VN_Port
							virtual links
							f) deinstantiates (implicit and
							explicit using LOGO)
							g) monitors the status of VN_Port to
							VN_Port virtual links
0	IBM	#IBM-21	115			rhathorn	
				Text	Sticky Note		In Rectangle (over,down) 0.58,8.58 to
							0.85,8.83
							IBM-R16:E::
							The distributed switch content should
							be integrated with the similar concepts
							in this document. e.g. The cFCF and
							FDF
О	IBM	#IBM-22	118			rhathorn	functional models should be here.
				Text	Sticky Note		In Rectangle (over,down) 0.58,5.65 to
					'		0.85,5.90
							IBM-R16:E::
							The distributed switch content should
							be integrated with the similar concepts
							in this document.
							e.g. The VA_Port to VA_Port virtual
О	IBM	#IBM-23	122			rhathorn	links should be here. (from 7.12.4)
	15.00			Highlight	Comment on Text	- Indenom	In Rectangle (over,down) 1.28,5.96 to
					gomment on reac		3.01,6.17
							IBM-R18:T::
							Need to add in text for VN2VN_Port
							MAC
							addresses or insert a 7.8 section.
							dual esses of insert a 7.0 section.
							They use FPMAs.
							They are not used with FCFs.
							They don't come from FCFs
О	IBM	#IBM-24	122			rhathorn	They use a different FC-MAP.
	TDIVI	INDIVI Z-F	122	Highlight	Comment on Text	machom	In Rectangle (over,down) 0.95,8.80 to
					Comment on Text		
				l .			
				,			5.05,9.00
1							5.05,9.00 IBM-R17:E::
							5.05,9.00 IBM-R17:E:: This is redundant to the first sentence
0	IBM	#IBM-25	122			rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section.
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it.
0	IBM	#IBM-25	122	Highlight	Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T::
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address.
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from
О	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from
0	IBM	#IBM-25	122		Comment on Text	rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table
					Comment on Text		5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table
0	IBM	#IBM-25	122	Highlight		rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one.
					Comment on Text Comment on Text		5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to
				Highlight			5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66
				Highlight			5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T::
				Highlight			5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T::
				Highlight			5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 16 Ieft in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T:: This and the previous sentence need to
				Highlight			5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T:: This and the previous sentence need to be updated to include VN2VN MAC
				Highlight			5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T:: This and the previous sentence need to be updated to include VN2VN MAC addresses
0	IBM	#IBM-26	124	Highlight		rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T:: This and the previous sentence need to be updated to include VN2VN MAC addresses All-VN2VN-ENode-MACs and
			124	Highlight	Comment on Text		5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T:: This and the previous sentence need to be updated to include VN2VN MAC addresses All-VN2VN-ENode-MACS and All-P2P-ENode-MACS
0	IBM	#IBM-26	124	Highlight		rhathorn	5.05,9.00 IBM-R17:E:: This is redundant to the first sentence in this section. Strike it. In Rectangle (over,down) 0.95,8.80 to 7.22,9.16 IBM-R19:T:: There is no protocol use defined for this address. Remove this and the address from table 54 If left in, for whatever reason, the next sentence contradicts this one. In Rectangle (over,down) 0.95,9.30 to 7.22,9.66 IBM-20:T:: This and the previous sentence need to be updated to include VN2VN MAC addresses All-VN2VN-ENode-MACs and

l							IBM-R21:E::
0	IBM	#IBM-28	126			rhathorn	Missing title
				Highlight	Comment on Text		In Rectangle (over,down) 4.55,0.78 to
							5.33,0.98
							IBM:R23:E::
0	IBM	#IBM-29	128			rhathorn	may determine
				Highlight	Comment on Text		In Rectangle (over,down) 2.77,4.63 to
							3.35,4.83
							IBM:22:T::
0	IBM	#IBM-30	129			rhathorn	one or more
	1.5.11		123	Highlight	Comment on Text	11100110111	In Rectangle (over,down) 1.28,1.47 to
				1.11611116111	Comment on Text		7.55,2.00
							IBM-R24:T::
							What if the vlan on which the virtual
							link is established is removed from the
•			420			l	configuration? CVL? (Same question
0	IBM	#IBM-31	129			rhathorn	applies to fabric case).
				Highlight	Highlight		In Rectangle (over,down) 1.65,1.63 to
							7.55,2.00
							IBM-H2:T::
							Can we relax this restriction for
							adverts/solicitations between the cFCF
							and FDF so we can allow the FC-MAP
							to
0	IBM	#IBM-32	133			rhathorn	be distributed to the FDFs?
	1.5.11		100	Highlight	Comment on Text	1110111	In Rectangle (over,down) 6.69,4.47 to
					Coment on Text		6.84,4.66
							IBM-R25:E::
_	IDAA	#IBM-33	124			wh a th a wa	
0	IBM	#IBIVI-33	134	T4	Calinia Nina	rhathorn	add (see 7.9.6)
				Text	Sticky Note		In Rectangle (over,down) 6.22,4.33 to
							6.50,4.58
							IBM-P7:E::
0	IBM	#IBM-34	136			patty drieve	ernot logged in
				Highlight	Comment on Text		In Rectangle (over,down) 5.85,0.95 to
							6.15,1.14
							IBM-R26:E::
							change per to from
0	IBM	#IBM-35	138			rhathorn	(there is only one)
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,6.63 to
							2.76,6.83
							IBM:R-27:E::
0	IBM	#IBM-36	138			rhathorn	Make bold.
	1.5.11			Highlight	Comment on Text	11100110111	In Rectangle (over,down) 2.01,4.63 to
				1.11611116111	Comment on Text		5.51,4.83
							IBM-47:T::
							ALL_ENODE_MACS must also be
							enabled to
							detect the presence of an FCF
							(advertisements). This at least needs
							to be stated as an option.
							(see 7.93.1 - "At any time, upon
							receiving a N_Port_ID Probe Request, a
							N_Port_ID Claim Notification, a
							N_Port_ID Beacon, or a FIP
							Advertisement, a VN2VN ENode MAC
							operating in point-to-point mode shall
0	IBM	#IBM-37	138			rhathorn	cease the point-to-point operations."
				Highlight	Comment on Text		In Rectangle (over,down) 1.28,5.97 to
					Comment on Text		7.55,6.33
							IBM-R48:T::
							Clarify that this means that the more
							•
							than one Claim Responses are from
							different VN2VN_Ports in response to a
_						l	
0	IBM	#IBM-38	141			rhathorn	single claim request.
	1			Highlight	Highlight		In Rectangle (over,down) 1.28,6.97 to
							7.55,7.66
							IBM-R49:T::
							Note regarding QLogic comment from
							Note regarding QLogic comment from 12-129v1 that was dropped.
							Note regarding QLogic comment from 12-129v1 that was dropped. Should there be interlock with other
0	IBM	#IBM-39	141			rhathorn	Note regarding QLogic comment from 12-129v1 that was dropped.

				110-60-64	Comment on Took		Un Donton do (over dover) 0.05 4.63 to
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,4.63 to
							4.69,4.84
							IBM-R28:E::
							Move this to 7.10 Timers and
0	IBM	#IBM-40	142			rhathorn	Constants.
				Highlight	Comment on Text		In Rectangle (over,down) 4.77,5.63 to
							7.50,6.03
							IBM-R29:E::
							One and two character bit names are
							lame. Make this a FIP Flags field and
							define in text in a more traditional
							way with full length bit names and bit
							numbers.
							The description of the bits below is in
							·
							a random order and inconsistent with
							other bit definitions in this document.
							State the bit name in bold and state
							word and bit numbers in definition.
							(case in point, there are two "D" bits
							in this spec. I dare you to search for
0	IBM	#IBM-41	143			rhathorn	the uses of "D")
				Text	Sticky Note		In Rectangle (over,down) 6.54,8.80 to
					,		6.82,9.05
							IBM-p8:T::
							So what if these bits are set on other
							FIP ops? Per pg. 17, "receipt of
							reserved code values in defined fields
							shall be reported as an error." This is
							a value in a defined field that in
							invalid in the context of 'all other
0	IBM	#IBM-42	145			patty drieve	rFIP operations"
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,1.63 to
							7.22,2.00
							IBM-R30:E::
							Describe this bit more fully, including
							when it is the REC(orded) bit (in
							Probes) and when it is a P2P bit (in
							Claims, Claim Response, and Beacon).
О	IBM	#IBM-43	146			rhathorn	Reserved otherwise?
<u> </u>	IDIVI	#IDIVI-43	140	Highlight	Highlight	Illatiloili	In Rectangle (over,down) 1.09,5.47 to
				півінівін	півінівін		
							4.33,5.66
							IBM-p9:T::
							For item 'e' below in at least one case
							use of an invalid value for MAC
							addresses is not reported in a vendor
							specific wayin a FLOGI invalid MAC)
							values are reported via LS_RJT per
							page
О	IBM	#IBM-44	146			rhathorn	142 section 7.9.8.4.2
		1		Highlight	Comment on Text		In Rectangle (over,down) 0.95,6.63 to
				-			7.22,7.33
							IBM-R4:E::
							All occurrences of "FLOGI" in this
	IBM	#1004 45	150			rhathorn	paragraph should be FDISC instead.
0	IDIVI	#IBM-45	150		Commont on Tout	mathorn	
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,8.80 to
							3.70,9.00
							IBM-R5:T::
							This definition should be more
							descriptive. Is this an OUI value?
0	IBM	#IBM-46	152			rhathorn	What makes it unique?
				Highlight	Comment on Text		In Rectangle (over,down) 2.38,1.25 to
							6.49,1.46
							IBM-R6:T::
							Add FIP Keep Alive received when not
							logged in. (Need both VN_Port and
							E Node flavors as done for timeouts
	IDM	#1004 47	155			phothou-	_
0	IBM	#IBM-47	155			rhathorn	above?)
				Highlight	Comment on Text		In Rectangle (over,down) 3.08,3.75 to
							3.41,3.95
							IBM-R7:T::
1	1	1		1	1		Add code for Implicit Logout
							rida code for implicit zogode
							(the case we added in Virtual Link
0	IBM	#IBM-48	155			rhathorn	

				Highlight	Comment on Text		In Rectangle (over,down) 4.71,3.68 to
				11161116111	comment on rext		5.31,3.90
							IBM-R31:E::
							Add or FCF and put the footnote on FCF.
							It is allowed, therefore it should be
)	IBM	#IBM-49	157			rhathorn	here.
				Highlight	Comment on Text		In Rectangle (over,down) 4.71,4.05 to 5.30,4.64
							IBM-R32:E::
							This should be FCF or ENode (not just
							VN2VN ENode) because it is allowed for
							a ENode to receive FIP LOGO.
							Put the footnote on the ENode.
)	IBM	#IBM-50	157			rhathorn	Same with next row.
	IBIVI	#IBIVI 30	137	Text	Sticky Note	mathom	In Rectangle (over,down) 0.20,5.34 to
				- CAC	Stienty Hote		0.48,5.59
							We've never fully worked out the
							recovery scenarios regarding
							exposures
							of not fully cleaning up prior
							operations before new ones are
)	IBM	#IBM-51	162			patty drieve	rinitiated if no ABTS is used
				Highlight	Comment on Text	, , , , , , , , , , , , , , , , , , ,	In Rectangle (over,down) 1.32,4.97 to
							1.54,5.16
							IBM-R33:E::
)	IBM	#IBM-52	162			rhathorn	Remove extra b), c), d)
				Highlight	Comment on Text		In Rectangle (over,down) 4.62,7.80 to
							7.18,8.00
							IBM-34:T:T
							change to
							MAC Address field of the MAC address
)	IBM	#IBM-53	162			rhathorn	descriptor not set to zero.
				Text	Sticky Note		In Rectangle (over,down) 0.41,9.16 to
							0.69,9.41
							We've never fully worked out the
							recovery scenarios regarding
							exposures
							of not fully cleaning up prior
							operations before new ones are
)	IBM	#IBM-54	163			patty drieve	rinitiated if no ABTS is used
				Highlight	Comment on Text		In Rectangle (over,down) 1.28,9.30 to
							7.55,9.66
							IBM-R35:T::
							This wording needs the same
							treatment
							as was given for FLOGI (although the
			460				arguments for the S_ID = 0 on FLOGI
)	IBM	#IBM-55	163	110-610-64	Community on Total	rhathorn	don't apply here or in FDISC)
				Highlight	Comment on Text		In Rectangle (over,down) 1.28,3.47 to
							7.55,3.83
							IBM-R8:T:: State the behavior for receiving a CVL
							with an empty list.
							After this sentence, add the following:
							The FCoE Controller of a receiving
							ENode MAC shall de-instantiate all
							existing virtual links with the
							originating FCF-MAC when no Vx Port
							Identification descriptors are
)	IBM	#IBM-56	165			rhathorn	specified.
	T	T		Highlight	Comment on Text		In Rectangle (over,down) 1.28,6.47 to
							7.55,6.83
							IBM-R9:T::
							Need to add the case for de-instantiate
							of a VA_Port to VA_Port virtual link.
							(i.e. using FFFFFAh and A_Port_Name)
							Suggest duplication of these 2
							paragraphs and changing the terms
		#IBM-57	165			rhathorn	appropriately.
)	IBM	1					
)	IBM			Highlight	Comment on Text		In Rectangle (over,down) 2.83,6.80 to 4.43,7.00

						IBM-R36:E::
						originating ENode (as was done in
						7.9.8.7).
						Also fix in sections 7.9.8.11,
)	IBM	#IBM-58	166		rhathorn	7.9.8.12, 7.9.8.13.
	13		Highlight	Highlight	- Indition	In Rectangle (over,down) 1.04,7.02
				188		6.64,7.38
						See prior comment. There is no
						protocol associated with this addre
)	IBM	#IBM-59	168		rhathorn	certainly not in 7.9.1 - remove.
<u>'</u>	IDIVI	#IBIVI 33	Text	Sticky Note	mathom	In Rectangle (over,down) 1.15,2.70
			Text	Sticky Note		1.42,2.95
						IBM-P10:E::
	IBM	#IBM-60	174		natty driev	er Figure 47
	IDIVI	#10101-00	Highlight	Highlight	patty unev	In Rectangle (over,down) 0.95,0.95
			riigiiiigiit	riigiiiigiit		7.21,1.31
						IBM-P1:E::
	IBM	#IBM-61	174		rhathorn	at least one switch name
	IDIVI	#IDIVI-01		Comment on Text	mathom	In Rectangle (over,down) 3.59,1.11
			Highlight	Comment on Text		
						4.60,1.31
						IBM-38:T::
						Add a statement that says that the
						primary and secondary controlling
						switches shall use the same switch
						name(s) that is associated with the
						Virtual Domain ID(s) used for the
	IBM	#IBM-62	174		rhathorn	distributed switch.
			Highlight	Comment on Text		In Rectangle (over,down) 4.56,1.11
						5.05,1.31
						IBM-R39:T::
						Should the configuration also inclu
						the switch name used for the virtu
	IBM	#IBM-63	175		rhathorn	domain?
			Highlight	Comment on Text		In Rectangle (over,down) 0.95,5.30
						7.22,7.00
						IBM:40:E::
						This text is repeated 4 times in this
						document, in each of the function
						models. Define the FCoE_LEP beha
						models. Define the rede_LEF bein
	IBM	#IBM-64	176		rhathorn	in one place and refer to it.
	IDIVI	#IDIVI 04	Highlight	Highlight	mathom	In Rectangle (over,down) 1.42,8.63
			riigiiiigiit	riigiiiigiit		6.54,8.83
						IBM-H3:T::
						FDF VA Port Capable MACs do not
	IDA 4	#IDN 4 CF	477			participate in VLAN discovery, per
	IBM	#IBM-65	177	THE LEGIS	rhathorn	discussion initiated by 12-199.
			Highlight	Highlight		In Rectangle (over,down) 3.75,9.30
						4.69,9.50
						IBM-H1:T::FC-LS-2, version 2.21, ta
						33 documents an RSCN event qual
						value to change the fabric name.
						does this interact with the BB-5 an
						BB-6 discovery advertisements?
						Consider BB-5 with a VF-Port capa
						MAC sending discovery advertisem
						to
						All-ENode-MACs. If the fabric nam
						changed via this RSCN, at what poi
						does the advertised fabric name go
						updated? This change was introdu
						by
						http://www.t11.org/ftp/t11/pub/f
						2/
	IBM	#IBM-66	179		rhathorn	10-030v1.pdf.
	1	T	Highlight	Highlight		In Rectangle (over,down) 1.07,3.80
				1		7.09,4.16
						IBM-P2:T::
						If (as in later paragraphs) ELPs
						received with other invalid bit com
						results in a REJ with Reason
						Code=Protocol Error and Reason C
						Explanation='Invalid Request', why
	1					this case unique and ignored? 'Igno
	I					

	1			İ	ı	1	-
0	IBM	#IBM-67	180			rhathorn	leads to unnecessary timeouts.
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,5.80 to
							7.19,6.00
							IBM-R42:E::
							Normal ELP rules in SW-6 do not say
							anything about establishment of virtual
							links. I think this statement is
							redundant to the paragraph above this
							one. Strike this sentence and move the
			400				
0	IBM	#IBM-68	180			rhathorn	paragraph above this one to here.
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,7.13 to 7.21,7.50
							IBM-R43:T::
							We need a better statement of when
							"operational". We can't rely on a
							particular numbered state in a
							separate
							standard that has not yet been
							ratified. Suggest changing this to
							something more general such as when the
							the controling switch has the
							distributed switch configuration, has
							obtained the Virtual Domain ID and the
							obtained the virtual bollian ib and the
О	IBM	#IBM-69	180			rhathorn	primary/secondary are in sync
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,8.80 to
							3.47,9.00
							IBM-R44:T::
							How does a VA_Port Capable FDF-MAC
							know
							that the other MAC is
							VA?_Port/VE_Port capable? Because it is a controlling
							switch.
							So, instead of beating around the
							bush, just state that:
							with a FCF MAC belonging to a
О	IBM	#IBM-70	180			rhathorn	controlling switch.
				Highlight	Comment on Text		In Rectangle (over,down) 1.28,4.63 to
							7.55,5.16
							IBM-R45:T::
							This only applies after the cFCF set is
							received in DFMD. Up until then it has
_		l					to accept any ELPs from controling
0	IBM	#IBM-71	181	10.10.11		rhathorn	switches that could be it's primary.
				Highlight	Comment on Text		In Rectangle (over,down) 1.42,5.96 to
							4.00,6.17 IBM-R50:E::
							Annex D was added as a separate
							annex
							to cover the VN2VN configurations.
							That annex does not contain all the
	1						background and ACL nomenclature
							that
	1						exists above in C.1-C.2, and therefore,
	1						does not stand on its own. Either
	1						a) words need to be added to this C.3
	1						that indicate this section applies to
							fabric configurations and does not
	1						apply to
							VN2VN configurations with a reference
							to Annex D; or
							b) The Annexes should be combined
							and
							properly structured with Fabric and
							VN2VN topology sections.
							Manager and the second
							My preference is for option b). There
0	IBM	#IBM-72	186			rhathorn	should only be one annex to describe ACLs.
0	LIDIVI	אייואוטוזיו / 2	100			prilationii	proces.

				Text	Sticky Note		In Rectangle (over,down) 0.99,5.17 to
							1.27,5.42
							IBM-R51:T::
							Insert:
							For each successful FIP Fabric LOGO or
							Clear Virtual Links associated with
							this VN_Port MAC address, the above
							ACE
^	IDAA	HIDNA 72	100			uh ath aun	should be removed.
0	IBM	#IBM-73	188			rhathorn	
				Highlight	Comment on Text		In Rectangle (over,down) 1.99,4.47 to
							3.86,4.66
							IBM-R52:T::
0	IBM	#IBM-74	191			rhathorn	or a FIB Fabric LOGO LS ACC
				Highlight	Comment on Text		In Rectangle (over,down) 2.52,1.63 to
				0 0 1			7.08,1.83
							IBM-R53:E::
							I am pretty sure that rogue hosts
							cannot advertise themselves as FCFs in
							Fibre Channel. Please be specific in
0	IBM	#IBM-75	191			rhathorn	what this means.
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,5.63 to
					Somment on Text		7.22,6.83
							IBM-R54:E::
							Make one paragraph, or split last
							sentence into its own paragraph, since
0	IBM	#IBM-76	192			rhathorn	it applies to the whole thing.
				Highlight	Comment on Text		In Rectangle (over,down) 3.23,7.47 to
				oo	Tanana an Take		4.89,7.66
							,
							IBM-R55:T::
							Need to include another ACE for
							All-PT2PT-ENode-MACs to cover the
							point
							to point case. Or; alternatively enable
							one or the other based on P2P bit in
							the claim.
0	IBM	#IBM-77	192			rhathorn	Fix here and in next ACL
<u> </u>	IDIVI	#IDIVI-77	192			IIIatiitiiii	
				Highlight	Comment on Text		In Rectangle (over,down) 1.42,3.13 to
							3.52,3.50
							IBM-R56:T::
							Is FIP allowed or denied by default?
							Should have a Type = FIP_TYPE, denyat
							,, = , ,
							the end to block probes, claims and
							•
							FLOGIs during the join.
							Also add to next section so they
							continue to be not allowed while
							probes
0	IBM	#IBM-78	193			rhathorn	are flowing.
				StrikeOut	Cross-Out		In Rectangle (over,down) 5.64,5.79 to
							6.57,6.00
							StrikeOut:
							IBM-R56:E::
							redundant. milliseconds already in the
							definition of BEACON_PERIOD
o l	IBM	#IBM-79	193			rhathorn	Fix all occurrences.
0	1			Highlight	Comment on Text		In Rectangle (over,down) 1.42,6.80 to
0							4.95,7.33
0							
0							IBM-R57·T··
0							IBM-R57:T::
0							Add
0							Add Type=FIP_TYPE, permit
							Add Type=FIP_TYPE, permit at the end to allow Probes, Claims,
	IBM	#IBM-80	193			rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc.
		#IBM-80	193	Highlight	Comment on Text	rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc.
		#IBM-80	193	Highlight	Comment on Text	rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to
		#IBM-80	193	Highlight	Comment on Text	rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55
		#IBM-80	193	Highlight	Comment on Text	rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E::
		#IBM-80	193	Highlight	Comment on Text	rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E:: Is this part of the example or part of
		#IBM-80	193	Highlight	Comment on Text	rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E::
	IBM			Highlight	Comment on Text		Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E:: Is this part of the example or part of the documentation? Needs either code
0		#IBM-80 #IBM-81	193	Highlight	Comment on Text	rhathorn	Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E:: Is this part of the example or part of
0	IBM			Highlight	Comment on Text		Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E:: Is this part of the example or part of the documentation? Needs either code
0	IBM						Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E:: Is this part of the example or part of the documentation? Needs either code comment /* */ or document font. In Rectangle (over,down) 1.41,1.64 to
0	IBM						Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E:: Is this part of the example or part of the documentation? Needs either code comment/* */ or document font. In Rectangle (over,down) 1.41,1.64 to 7.55,2.12
0	IBM						Add Type=FIP_TYPE, permit at the end to allow Probes, Claims, FLOGI, etc. In Rectangle (over,down) 1.27,6.30 to 6.40,6.55 IBM-R58:E:: Is this part of the example or part of the documentation? Needs either code comment /* */ or document font. In Rectangle (over,down) 1.41,1.64 to

О	IBM	#IBM-82	221	I	1	rhathorn	information
	IDIVI	#IDIVI 02	221	Highlight	Comment on Text	mathom	In Rectangle (over,down) 1.60,7.13 to
							4.98.7.55
							IBM-R60:T::
							These are uninitialized variables. Show
0	IBM	#IBM-83	221			rhathorn	initialization placeholders
				Highlight	Comment on Text		In Rectangle (over,down) 0.95,2.97 to
							7.22,3.33
							IBM-R61:E::
0	IBM	#IBM-84	222			rhathorn	Help!
				Highlight	Comment on Text		In Rectangle (over,down) 2.70,0.77 to
							6.85,1.00
							IBM-R61:E::
							This is all nice, but are we going to
0	IBM	#IBM-85	227			rhathorn	make any recommendation?
				Highlight	Comment on Text		In Rectangle (over,down) 4.19,3.24 to
							4.50,3.44
							IBM-R62:T::
0	IBM	#IBM-86	227			rhathorn	FCoE
				Highlight	Highlight		In Rectangle (over,down) 5.83,7.98 to
							6.80,8.17
0	QLC	#QLC-1	1			craigc	952-687-2431
				Highlight	Highlight		In Rectangle (over,down) 6.66,8.13 to
							7.26,8.33
0	QLC	#QLC-2	3			craigc	various
				Highlight	Highlight		In Rectangle (over,down) 6.93,1.30 to
							7.55,1.50
0	QLC	#QLC-3	9			craigc	various
				Highlight	Highlight		In Rectangle (over,down) 5.05,1.97 to
							5.50,2.16
0	QLC	#QLC-4	9			craigc	2012
				Highlight	Highlight		In Rectangle (over,down) 1.22,9.13 to
							5.54,9.33
0	QLC	#QLC-5	26			craigc	FC-SP-2
				Highlight	Highlight		In Rectangle (over,down) 1.56,2.80 to
							6.23,3.00
0	QLC	#QLC-6	27			craigc	FC-FS-4, FC-SW-6, FC-LS-3
				Text	Sticky Note		In Rectangle (over,down) 5.29,1.22 to
							5.54,1.47
0	QLC	#QLC-7	27			craigc	FC-FS-3 as approved reference
				Highlight	Highlight		In Rectangle (over,down) 1.23,3.63 to
							4.45,3.83
0	QLC	#QLC-8	28			craigc	802.1Q-2011
				Highlight	Highlight		In Rectangle (over,down) 4.48,4.13 to
							5.41,4.33
0	QLC	#QLC-9	30			craigc	What is a "FC-4 channel"?
				Highlight	Highlight		In Rectangle (over,down) 1.83,1.13 to
							2.87,1.33
0	QLC	#QLC-10	45			craigc	What is this "i.e." trying to say?
				Highlight	Highlight		In Rectangle (over,down) 0.95,1.80 to
							7.22,2.16
							What is "best practice"? Need a
0	QLC	#QLC-11	50			craigc	reference, or change this to a note.
				Highlight	Highlight		In Rectangle (over,down) 4.08,5.13 to
							4.58,5.33
0	QLC	#QLC-12	111			craigc	There is no "FCF A" in Figure 33.
				Highlight	Highlight		In Rectangle (over,down) 0.95,3.63 to
							7.22,4.00
							I don't see any "bracketed"
0	QLC	#QLC-13	112			craigc	components.
				Text	Sticky Note		In Rectangle (over,down) 5.07,3.01 to
							5.32,3.26
							This item should be written take into
							account VN2VN connections. There
							are
0	QLC	#QLC-14	113			craigc	no VF_Ports to monitor in that case.
				Highlight	Highlight		In Rectangle (over,down) 3.56,7.30 to
							6.91,7.50
0	QLC	#QLC-15	113			craigc	Even in the case of VN2VN topology?
				Highlight	Highlight		In Rectangle (over,down) 1.28,8.63 to
							7.55,9.00
0	QLC	#QLC-16	113			craigc	What about VN2VN?
				Highlight	Highlight		In Rectangle (over,down) 5.85,8.97 to
ł							7.27,9.16
	QLC	#QLC-17	113			craigc	What about VN2VN?

				Highlight	Highlight		In Rectangle (over,down) 0.95,6.80 to 7.22,7.33
							This seem unclearf
0	QLC	#QLC-18	114			craige	Is the FIP FLOGI used during point-to-multi-point operation? Or, just during point-to-point operation? Also, need a statement someplace that the point-to-point operation proceeds as the point-to-point operation if FC-LS-3.
	QLC	#QLC-16	114	Text	Sticky Note	craigc	FC-L3-3.
							In Rectangle (over,down) 3.00,3.11 to 3.25,3.36 Add text equivalent to the paragraph in 7.5 regarding FCoE_LEP (last paragraph on page 96). Especially the sentence: When decapsulating FC frames from FCoE frames, the FCoE_LEP shall verify that the destination address of the received FCoE frame is equal to the MAC address of the local link end-point and shall verify that the source address of the received FCoE frame is equal to the MAC
							address of the remote link
0	QLC	#QLC-19	115	Text	Sticky Note	aspalding	endpoint. If In Rectangle (over,down) 3.53,3.14 to 3.78,3.39
							If either check fails the FCoE frame
0	QLC	#QLC-20	115	Highlight	Highlight	aspalding	shall be discarded.
0	QLC	#QLC-21	122			craigc	In Rectangle (over,down) 0.95,5.30 to 7.22,5.66 What happens in the case of point-to-multipoint? Are FLOGI's sent? If not, then we need to state that. IF so, then 7.9.4.3 (or some other clase), needs to state rules for point-to-multipoint FLOGIs.
	QLC	#QLC 21	122	Text	Sticky Note	craige	In Rectangle (over,down) 6.81,8.22 to
							7.06,8.47 N_Port_ID Beacons also use VN_Port MAC address rather than E_Node MAC Address. As this is an FIP overview section VN2VN ENodes should be included in this
0	QLC	#QLC-22	124	Highlight	Highlight	aspalding	description. In Rectangle (over,down) 0.95,8.96 to
0	QLC	#QLC-23	126			craigc	1.48,9.17 No title?
	QLC	#ULU-23	126	Text	Sticky Note	craige	In Rectangle (over,down) 1.52,8.91 to
o	QLC	#QLC-24	126			aspalding	1.77,9.16 Heading missing.
0	QLC	#QLC-25	127	Text	Sticky Note	aspalding	In Rectangle (over,down) 1.07,3.20 to 1.32,3.45 No mechanism to discover VLAN for P2P mode. P2P may traverse a lossless ethernet network. All-PT2PT_ENode_MACs allowed here? PT2PT mode is part of an VN2VN Enode.
0	QLC	#QLC-25	12/	Highlight	Highlight	aspaiding	In Rectangle (over,down) 1.41,3.47 to
0	QLC	#QLC-26	129			craigc	7.54,3.80 Why isn't this normative?
	1420	1 420 20	123	1		craige	in, ion combinative.

				he re r.	he re re		1, 2, 1, 4, 1, 1, 1, 20, 6, 47,
				Highlight	Highlight		In Rectangle (over,down) 5.29,6.47 to
	01.6	#OLC 27	120				6.23,6.66
0	QLC	#QLC-27	129		2011 41	craigc	reference FC-SW-6
				Text	Sticky Note		
							In Rectangle (over,down) 4.04,4.05 to
							4.29,4.30
							This clause seems to describe
							point-to-point FLOGI behavior only.
							What happens in point-to-multipoint?
							Does an ENode in a point-to-multipoint
							topology FLOGI to all other peer
							VN2VN
							Enodes? If so, we need to state that
О	QLC	#QLC-28	134			craigc	here.
	12-2			Highlight	Highlight	5. 2.02	
							In Rectangle (over,down) 4.40,4.30 to
							6.64,4.50
							I think the term "point-to-point" is
							being overused here. This could be
							read to mean the point-to-point
							topology as described in FC-LS-2, or
							the point-to-point topology as
							described in FC-BB-6. Both create
							completed diffferent meanins for this
							clause. We need to clarify the
							language used here.
							Tanganga area merei
							One interpretation of this sentence is
							that this cluase only really applies to
							FC-BB-6 point-to-point toplogy, not
							point-to-multipoint. Thus only FC-BB-6
							point-to-point topology uses FIP FLOGI.
							I'm not sureif this is the right
0	QLC	#QLC-29	134			craigc	interpretation.
				Text	Sticky Note		
							In Rectangle (over,down) 6.24,6.83 to
							6.49,7.08
							Add Fabric as there is no FIP LOGO
							request defined in specification - only
							FIP Fabric LOGO. Subtle difference here
							from FCoE LOGO. FIP LOGO
							de-instantiates the link FCoE LOGO
							does
0	QLC	#QLC-30	134			aspalding	not, correct?
				Text	Sticky Note		In Rectangle (over,down) 2.78,7.87 to
							3.03,8.12
0	QLC	#QLC-31	134			aspalding	Fabric
				Text	Sticky Note		In Rectangle (over,down) 3.83,8.99 to
							4.08,9.24
							Add VN_Port to VN_Port Virtual Links
О	QLC	#QLC-32	134			aspalding	(see figures 32 and 34).
-	1		-57	Highlight	Highlight	asparani b	In Rectangle (over,down) 0.95,6.47 to
1					1.101.1101.11		7.22,7.00
	QLC	#QLC-33	136			acnaldina	
0	QLC	#QLC-33	130		Highligh+	aspalding	Craig we may object to this statement.
				Highlight	Highlight		In Destande (quan desser) 4 40 2 40 :
							In Rectangle (over,down) 1.40,2.46 to
							3.27,2.67
							A glossary entry for this term would be
0	QLC	#QLC-34	138			craigc	useful.
				Text	Sticky Note		In Rectangle (over,down) 2.30,6.34 to
1	1						2.55,6.59
	1	1 1					Disagree with statement that no
							requirement to enable All-ENode-
							requirement to enable All-ENode-
							MACs
							MACs for VN2VN. At least for P2P mode. See
							MACs for VN2VN. At least for P2P mode. See last paragraph of 7.9.6.3.1 implication
0	QLC	#QLC-35	138			aspalding	MACs for VN2VN. At least for P2P mode. See

	1			Text	Sticky Note		In Rectangle (over,down) 3.40,1.94 to
				Text	Sticky Note		3.65,2.19
							Disagree with CDS that FIP
							Advertisement = All-ENode-MACs.
							Optimization don't need to parse
							frame
0	QLC	#QLC-36	142			aspalding	just MAC address. Also more generic.
				Highlight	Highlight		In Rectangle (over,down) 0.95,1.63 to 1.95,1.83
							Not consistent with other bit listings
							in this cluase. For consistency add
							"(RP)"
0	QLC	#QLC-37	146			craigc	Bit 3 of word 1 (RP)
				Caret	Inserted Text		In Rectangle (over,down) 3.15,1.88 to
							3.30,2.00
0	QLC	#QLC-38	146			aspalding	10?
				Text	Sticky Note		In Rectangle (over,down) 3.54,1.82 to
							3.79,2.07
							Should list the FIP operations that
							this bit applies to to be consistent
							with other bit definitions! N_Port_ID
							Probe Request, N_Port_ID Claim
							Notification, N_Port_ID Claim
							Response,
	01.6	#OLC 20	1.40				N_Port_ID Beacon. The REC/P2P bit is
0	QLC	#QLC-39	146		11:	aspalding	reserved for all other operations.
				Highlight	Highlight		In Rectangle (over,down) 1.90,3.46 to 5.99,3.67
							There is no description of VN2VN in
							this section. Most of the text is ENode
							to FCF specific. This comment is from
О	QLC	#QLC-40	161			aspalding	12-129v2
	QLC	#QEC 40	101	Text	Sticky Note	uspararrig	In Rectangle (over,down) 5.05,8.77 to
				T CAC	Stickly Hote		5.30,9.02
О	QLC	#QLC-41	166			aspalding	Why zero and not just reserved?
		1 1		Highlight	Highlight	44644444	In Rectangle (over,down) 1.28,5.13 to
							3.45,5.33
О	QLC	#QLC-42	167			craigc	This should be a glossary term as well.
				Highlight	Highlight		In Rectangle (over,down) 5.41,8.97 to
							7.51,9.16
0	QLC	#QLC-43	167			craigc	This should be a glossary entry.
				StrikeOut	Cross-Out		In Rectangle (over,down) 6.02,8.79 to
							6.82,9.00
							StrikeOut:
0	QLC	#QLC-44	167			aspalding	Empty Comment
				Caret	Inserted Text		In Rectangle (over,down) 6.74,8.87 to
							6.88,8.99
0	QLC	#QLC-45	167			aspalding	Response
				Highlight	Highlight		In Rectangle (over,down) 4.90,3.30 to
_							6.46,3.50
0	QLC	#QLC-46	168		Le Le L	craigc	This should be a glossary entry.
				Highlight	Highlight		In Rectangle (over,down) 1.07,3.80 to
	0.5	#OLG 47	400				7.09,4.16
0	QLC	#QLC-47	180		Chiele, N-+-	craigc	Remove editor's note.
				Text	Sticky Note		In Postangle (over dawn) 7.66.0.65 to
							In Rectangle (over,down) 7.66,0.95 to
							7.91,1.20
							Can a note be added to indicate that
							the algorithms are in the public domain
							and may be used without infringing any
0	loi c	#OLC-49	221			acnalding	1 '
U	QLC	#QLC-48	221			aspalding	patents. [Or some equivalent text]