

BOC Routing TX-Section

TX-Board	Fibres	PP0-channel (1..7, 7 nearest to the Optoboard)	BOC-defaults for operation				
			Laser current	BPM inhibit	BPM MarkSpace	BPM fine delay	BPM caorse delay
0	unused						
1	unused						
2	1	-	0x80	0x0	0x13	0x0	0x0
3	2	2	0x80	0x0	0x13	0x0	0x0
4	3	4	0x80	0x0	0x13	0x0	0x0
TX0	4	6	0x80	0x0	0x13	0x0	0x0
6	5	1	0x80	0x0	0x13	0x0	0x0
7	6	3	0x80	0x0	0x13	0x0	0x0
8	7	5	0x80	0x0	0x13	0x0	0x0
9	8	7	0x80	0x0	0x13	0x0	0x0
10	unused						
11	unused						
12	unused						
13	unused						
14	1	-	0x80	0x0	0x13	0x0	0x0
15	2	2	0x80	0x0	0x13	0x0	0x0
16	3	4	0x80	0x0	0x13	0x0	0x0
TX1	4	6	0x80	0x0	0x13	0x0	0x0
18	5	1	0x80	0x0	0x13	0x0	0x0
19	6	3	0x80	0x0	0x13	0x0	0x0
20	7	5	0x80	0x0	0x13	0x0	0x0
21	8	7	0x80	0x0	0x13	0x0	0x0
22	unused						
23	unused						
24	unused						
25	unused						
26	1	-	0x80	0x0	0x13	0x0	0x0
27	2	2	0x80	0x0	0x13	0x0	0x0
28	3	4	0x80	0x0	0x13	0x0	0x0
TX2	4	6	0x80	0x0	0x13	0x0	0x0
30	5	1	0x80	0x0	0x13	0x0	0x0
31	6	3	0x80	0x0	0x13	0x0	0x0
32	7	5	0x80	0x0	0x13	0x0	0x0
33	8	7	0x80	0x0	0x13	0x0	0x0
34	unused						
35	unused						
36	unused						
37	unused						
38	1	-	0x80	0x0	0x13	0x0	0x0
39	2	2	0x80	0x0	0x13	0x0	0x0
40	3	4	0x80	0x0	0x13	0x0	0x0
TX3	4	6	0x80	0x0	0x13	0x0	0x0
42	5	1	0x80	0x0	0x13	0x0	0x0
43	6	3	0x80	0x0	0x13	0x0	0x0
44	7	5	0x80	0x0	0x13	0x0	0x0
45	8	7	0x80	0x0	0x13	0x0	0x0
46	unused						
47	unused						

BOC Routing RX-Section

Disc-Board Version

PP0-channel

(1..7

7 nearest to the Oboard)

PP0-channel (1..7 7 nearest to the Oboard)	Fibres	RX-Board	40 Mb/s Mode		80 Mb/s Mode		160 Mb/s Mode			
			FMT:Link		FMT:Link	FMT:Link	FMT:Link	FMT:Link	FMT:Link	FMT:Link
		unused			raising edge	falling edge	DTO1 - raising edge	DTO1 - falling edge	DTO2 - raising edge	DTO2 - falling edge
-	1	unused	0							
2	2		1							
4	3		2							
6	4	RX0	3							
1	5		4							
3	6		5	lower 4 of FMT 0	0:0	0:1	0:0	0:1	0:2	0:3
5	7		6		0:2	0:3	1:0	1:1		
7	8		7		0:3		1:0	1:1	1:2	1:3
			8	lower 4 of FMT 1	1:0	1:1	2:8	2:9		
			9		1:1	2:10	2:10	2:11	2:10	2:11
			10		1:2	3:0	3:0	3:1		
			11		1:3	3:2	3:2	3:3	3:2	3:3
		unused	10							
		unused	11							
		unused	36							
		unused	37							
-	1		38	2:8 upper 4 of FMT 2	2:8					
2	2		39		2:9					
4	3		40		2:10					
6	4	RX3	41		2:11					
1	5		42	lower 4 of FMT 3	3:0					
3	6		43		3:1					
5	7		44		3:2					
7	8		45		3:3					
		unused	46							
		unused	47							
		unused	48							
		unused	49							
-	1		50	4:0 lower 4 of FMT 4	4:0					
2	2		51		4:1					
4	3		52		4:2					
6	4	RX4	53		4:3					
1	5		54	lower 4 of FMT 5	5:0					
3	6		55		5:1					
5	7		56		5:2					
7	8		57		5:3					
		unused	58							
		unused	59							
		unused	84							
		unused	85							
-	1		86	6:8 upper 4 of FMT 6	6:8	4:0	4:0	4:1	4:2	4:3
2	2		87		6:9	4:2	4:3			
4	3		88		6:10	5:0	5:1	5:0	5:1	
6	4	RX7	89		6:11	5:2	5:3	5:2	5:3	
1	5		90	lower 4 of FMT 7	7:0	6:8	6:9	6:8	6:9	
3	6		91		7:1	6:10	6:11	6:10	6:11	
5	7		92		7:2	7:0	7:1	7:0	7:1	
7	8		93		7:3	7:2	7:3	7:2	7:3	
		unused	94							
		unused	95							