

Physical Objects																								
Firmware																								
Input from MTFs and Calo																								
Output to GT																								
All blue columns are physical objects with connections that cannot be changed																								
The red column shows the mapping across to the logical link #																								
TX2 & RX2: Top MTP48																								
LC #	LC #	Logical Map		MiniPod	MiniPod	Chan	Quad	Quad #	Input to uGMT	Inputs tested?	Output to scouting	Outputs tested?	Output to GT	Inputs tested?	Input to uGMT	Quad #	Quad	Chan	MiniPod	MiniPod	Logical Map	LC #	LC #	
Tx	Rx	Link #	Quad #		Ribbon #	Location	Location		Processor	Link					Processor	Link		Location	Location	Ribbon #	Quad #	Link #	Rx	Tx
12	12	71		0	11	3	XOY8	218	EMTF - 6	Link and mapping verified (connected at EMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 0 - 1	Patch panel to uGMT transmits light	0	118	X1Y8	3	0	3	0	0	1	1
11	11	70		0	10	2			EMTF - 5	Link and mapping verified (connected at EMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 2 - 3	Patch panel to uGMT transmits light	1			2	1	3		1	2	2
9	9	69		0	8	1			EMTF - 4	Link and mapping verified (connected at EMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 4 - 5	Patch panel to uGMT transmits light	2			1	2	3		2	3	3
10	10	68	17	0	9	0			EMTF - 3	Link and mapping verified (connected at EMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 6 - 7	Patch panel to uGMT transmits light	3			0	3	3		3	4	4
7	7	67		0	6	3	XOY7	217	EMTF - 2	Link and mapping verified (connected at EMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 0 - 1	Patch panel to uGMT transmits light	4	117	X1Y7	3	4	3	1	4	5	5
8	8	66		0	7	2			EMTF - 1	Link and mapping verified (connected at EMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 2 - 3	Patch panel to uGMT transmits light	5			2	5	3		5	6	6
5	5	65		0	4	1			OMTF - 6	Link and mapping verified (connected at OMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 4 - 5	Patch panel to uGMT transmits light	6			1	6	3		6	7	7
6	6	64	16	0	5	0			OMTF - 5	Link and mapping verified (connected at OMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 6 - 7	Patch panel to uGMT transmits light	7			0	7	3		7	8	8
3	3	63		0	2	3	XOY6	216	OMTF - 4	Link and mapping verified (connected at OMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 0 - 1	Patch panel to uGMT transmits light	8	116	X1Y6	3	8	3	2	8	9	9
4	4	62		0	3	2			OMTF - 3	Link and mapping verified (connected at OMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 2 - 3	Patch panel to uGMT transmits light	9			2	9	3		9	10	10
1	1	61		0	0	1			OMTF - 2	Link and mapping verified (connected at OMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 4 - 5	Patch panel to uGMT transmits light	10			1	10	3		10	11	11
2	2	60	15	0	1	0			OMTF - 1	Link and mapping verified (connected at OMTF)	not connected	Link and mapping verified (connected at uGT)	Muon : 6 - 7	Patch panel to uGMT transmits light	11			0	11	3		11	12	12
24	24	59		1	11	3	XOY5	215	BMTF 12	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 0 - 1	Patch panel to uGMT transmits light	12	115	X1Y5	3	0	4	3	12	13	13
23	23	58		1	10	2			BMTF 11	0/1	Possibly faulty! (Sporadic alignment errors!)	Link and mapping verified (connected at uGT)	Muon : 2 - 3	Patch panel to uGMT transmits light	13			2	1	4		13	14	14
21	21	57		1	8	1			BMTF 10	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 4 - 5	Possibly faulty!	14			1	2	4		14	15	15
22	22	56	14	1	9	0			BMTF 9	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 6 - 7	Patch panel to uGMT transmits light	15			0	3	4		15	16	16
19	19	55		1	6	3	XOY4	214	BMTF 8	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 0 - 1	Patch panel to uGMT transmits light	16	114	X1Y4	3	4	4	4	16	17	17
20	20	54		1	7	2			BMTF 7	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 2 - 3	Patch panel to uGMT transmits light	17			2	5	4		17	18	18
17	17	53		1	4	1			BMTF 6	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 4 - 5	Patch panel to uGMT transmits light	18			1	6	4		18	19	19
18	18	52	13	1	5	0			BMTF 5	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 6 - 7	Patch panel to uGMT transmits light	19			0	7	4		19	20	20
15	15	51		1	2	3	XOY3	213	BMTF 4	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 0 - 1	Patch panel to uGMT transmits light	20	113	X1Y3	3	8	4	5	20	21	21
16	16	50		1	3	2			BMTF 3	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 2 - 3	Patch panel to uGMT transmits light	21			2	9	4		21	22	22
13	13	49		1	0	1			BMTF 2	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 4 - 5	Patch panel to uGMT transmits light	22			1	10	4		22	23	23
14	14	48	12	1	1	0			BMTF 1	0/1	Link and mapping verified (connected at BMTF)	Link and mapping verified (connected at uGT)	Muon : 6 - 7	Patch panel to uGMT transmits light	23			0	11	4		23	24	24
36	36	47		2	11	3	XOY2	212	OMTF + 6		Link and mapping verified (connected at OMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	24	112	X1Y2	3	0	5	6	24	25	25
35	34	46		2	9	2			OMTF + 5		Link and mapping verified (connected at OMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	25			2	3	5		25	26	26
33	35	45		2	10	1			OMTF + 4		Link and mapping verified (connected at OMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	26			1	1	5		26	27	27
34	33	44	11	2	8	0			OMTF + 3		Link and mapping verified (connected at OMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	27			0	2	5		27	27	28
31	32	43		2	6	3	XOY1	211	OMTF + 2		Link and mapping verified (connected at OMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	28	111	X1Y1	3	5	5	7	28	30	29
32	31	42		2	7	2			OMTF + 1		Link and mapping verified (connected at OMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	29			2	4	5		29	29	30
29	29	41		2	4	1			EMTF + 6		Link and mapping verified (connected at EMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	30			1	6	5		30	31	31
30	30	40	10	2	5	0			EMTF + 5		Link and mapping verified (connected at EMTF)	used for readout only!	intermediate muons to DAQ	Patch panel to uGMT transmits light	31			0	7	5		31	32	32
27	27	39		2	2	3	XOY0	210	EMTF + 4		Link and mapping verified (connected at EMTF)	not connected	not connected	Patch panel to uGMT transmits light	32	110	X1Y0	3	8	5	8	32	33	33
28	28	38		2	3	2			EMTF + 3		Link and mapping verified (connected at EMTF)	not connected	not connected	Patch panel to uGMT transmits light	33			2	9	5		33	34	34
25	25	37		2	0	1			EMTF + 2		Link and mapping verified (connected at EMTF)	not connected	not connected	Patch panel to uGMT transmits light	34			1	10	5		34	35	35
26	26	36	9	2	1	0			EMTF + 1		Link and mapping verified (connected at EMTF)	not connected	not connected	Patch panel to uGMT transmits light	35			0	11	5		35	36	36