				global CMT-9.30 ONLINE	Run# 168132	date 11/15/2002									
				Lum (e30)							20	20	20	20	
index	prio R/C	group	trigger name	L1 trigger	L2 filter	L3 filter	L1 xs (ub)	L2 rej	L3 rej	L3xs (ub)	prescale	L1 rate	L2rate	L3 rate	Comments
1	f.5	L	min_bias	Afastz			33400	1	1	33400	1100000	0.61	0.61	0.61	
2	f.1	L	zero_bias	ALiveBX			92100	1	1	92100	3400001	0.54	0.54	0.54	
3	p	EW EM	2EM_JPSI	CEM(2,2.5eta1.6)		ele(2,2.5)	65	1	12	5.42	1000000	0.00	0.00	0.00	check if still affected by L1Cal noise
4	p	B EM	2EM_JPSI_TRK			ele(2.2.5)trk(2,2.5)	65	1	31	2.10	#			0.00	check if still affected by L1Cal noise
5	p	EM	3EM_MN	CEM(3,2.5eta1.6)		ele(2,2.5)	11	1	5.5	2.00	1000000	0.00	0.00	0.00	check if still affected by L1Cal noise
6	p	EM	3EM_MN_TRK			trk(2,2.5)	11	1	2	5.50	#			0.00	check if still affected by L1Cal noise
7	r	TOP	CEM5	CEM(1,5)			69	1	1	69.00	5576	0.25	0.25	0.25	monitor trigger *EXPRESS STREAM*
8	l / h10-l70	EW JES	EM_LO	CEM(1,5)^2		ele(1,10.)	69	1	13	5.31	611	2.26	2.26	0.17	
9	l / h10-l70	JES	EM_LO_SH			ele(1,7.,sh)	69	1	10	6.90	#			0.23	
10	u / u35-s40-h45(-p60)	EM EW JES	EM_HI_EMFR8	CEM(1,10)		ele(1,40.,vl)	5	1	111	0.05	1	100.00	100.00	0.90	Cannot go to Ultra w/o additional rejection
11	u / u35-s40-h45(-p60)	EM EW NP JES	EM_HI			ele(1.,30.)	5	1	58	0.09	#			1.72	
12	u / u35-s40-h45(-p60)	EM EW NP JES	EM_HI_SH			ele(1,20.,sh)	5	1	24	0.21	#			4.17	
13	u / u35-s40-h45(-p60)	EM EW NP	EM_HI_SH_TR			ele(1,12.,sh)trk(1,12.)	5	1	91	0.05	#			1.10	
14	u / u35-s40-h45(-p60)	EM EW	EM_HI_TR			trk(1,25.)	5	1	60	0.08	#			1.67	
15	u / u35-s40-h45(-p60)	EM	EM_HI_F0			ele(1,50.,nocut)	5	1	94	0.05	#			1.06	
16	l	L3	EM_HI_METF0	CEM(1,10)^2		ele(1,20.,nocut)L3MET(1,25)	5	1	139	0.04	1	100.00	100.00	0.72	
17	l	L3	EM_HI_METSH			ele(1,15.,sh)L3MET(1,15)	5	1	68	0.07	#			1.47	
18	l	JES	EM_HI_L2_SH	CEM(1,10)^3	em(1,12,0.8)	ele(1,12.,sh)	5	1.5	3.5	0.95	80	1.25	0.83	0.24	
19	u	EM JES EW	EM_MX_EMFR8	CEM(1,15)		ele(1,40.,vl)	1.1	1	25	0.04	1	22.00	22.00	0.88	
20	u	EM JES EW	EM_MX			ele(1,30.)	1.1	1	13	0.08	#			1.69	
21	u	EM JES EW	EM_MX_SH			ele(1,20.,sh)	1.1	1	6	0.18	#			3.67	
22	u	EM EW	EM_MX_SH_TR			ele(1,12.,sh)trk(1,12.)	1.1	1	32	0.03	#			0.69	
23	u	EM EW	EM_MX_TR			trk(1,25.)	1.1	1	24	0.05	#			0.92	
24	u	EM EW	EM_MX_F0			ele(1,50.,nocut)	1.1	1	23	0.05	#			0.96	
25	u / h20(-p60)	EW NP	2EM_2MD7	CEM(2,5)		ele(2,7.)	4.5	1	16	0.28	2	45.00	45.00	2.81	Cannot go to Ultra w/o additional rejection
26	u / h35(-p60)	NP	2EM_2MD12	CEM(2,5)^2		ele(2,12)	4.5	1	95	0.05	1	90.00	90.00	0.95	*EXPRESS STREAM*
27	u / h35(-p60)	EM EW	EM_HI_2EM5_EMFR8			ele(1,40.,vl)	4.5	1	111	0.04	#			0.81	Cannot go to Ultra w/o additional rejection
28	u / h35(-p60)	EM EW NP	EM_HI_2EM5			ele(1.,30.)	4.5	1	64	0.07	#			1.41	
29	u / h35(-p60)	EM EW	EM_HI_2EM5_SH			ele(1,20.,sh)	4.5	1	39	0.12	#			2.31	
30	u / h35(-p60)	EM EW	EM_HI_2EM5_SH_TR			ele(1,12.,sh)trk(1,12.)	4.5	1	145	0.03	#			0.62	
31	u / h35(-p60)	EM EW NP	EM_HI_2EM5_TR			trk(1,25.)	4.5	1	57	0.08	#			1.58	
32	u / h35(-p60)	EM	EM_HI_2EM5_F0			ele(1,50.,nocut)	4.5	1	87	0.05	#			1.03	
33	u / h35(-p60)	L3	EM_HI_2EM5_METF0	CEM(2,5)^3		ele(1,20.,nocut)L3MET(1,25)	4.5	1	156	0.03	1	90.00	90.00	0.58	
34	u / h35(-p60)	L3	EM_HI_2EM5_METSH			ele(1,15.,sh)L3MET(1,15)	4.5	1	135	0.03	#			0.74	
35	u	EM TOP NP H	2EM_HI_EMFR8	CEM(2,10)		ele(1,40.,vl)	0.3	1	11	0.03	1	6.00	6.00	0.55	
36	u		2EM_HI			ele(1,20.)	0.3	1	3.2	0.09	#			1.88	
37	u	TOP H	2EM_HI_SH			ele(1,15.,sh)	0.3	1	5.5	0.05	#			1.09	*EXPRESS STREAM*
38	u		2EM_HI_SH_TR			ele(1,12.,sh)trk(1,12.)	0.3	1	26	0.01	#			0.23	
39	u / u35-s40-h45(-p60)	NP	2EM_MD12_CEM10	CEM(2,5)CEM(1,10)		ele(2,7.)ele(1,12)	1.5	1	13	0.12	1	30.00	30.00	2.31	
40	r	TOP	CEM10_2CJT5	CEM(1,10)CJT(2,5)^2			2.2	1	1	2.20	175	0.25	0.25	0.25	monitor trigger *EXPRESS STREAM*
41	q	NP	EM_MD_2CJT5			ele(1,10.)	2.2	1	2	1.10	#			0.13	monitor trigger
42	u / u45-s60	TOP H NP	EM15_2JT15	CEM(1,10)CJT(2,5)	em(1,10,0.85)jt(2,10)	ele(1,15.,sh)jt(2,15.)	2.2	1.7	8	0.16	1	44.00	25.88	3.24	
43	u	TOP H	EM15_2JT25	CEM(1,10)CJT(2,5)^3	em(1,10,0.85)jt(2,10)	ele(1,15.,sh)jt(2,25.)	2.2	1.7	28	0.05	1	44.00	25.88	0.92	*EXPRESS STREAM*
44	h / h35-m60	EW NP TAU	2TAU_EM10_2CJT5	CEM(1,10)CJT(2,5)^4	jt(2,8)	ele(1,10.)tau(2,10.)trk(2,3)trk(1	2.2	1.12	47	0.04	1	44.00	39.29	0.84	
45	r	TOP	CJT5	CJT(1,5)			113	1	1	113.00	8800	0.26	0.26	0.26	monitor trigger *EXPRESS STREAM*
46	l	Q NP	JT_25TT_NG	CJT(2,5)^2		jt(1,25.)	11	1	5	2.20	203	1.08	1.08	0.22	
47	l / h15-l60	Q	JT_45TT	CJT(2,5)		jt(1,45.)	11	1	51	0.22	20	11.00	11.00	0.22	
48	l / m25-l60	Q NP	JT_65TT	CJT(3,5)	jt(1,20)	jt(1,65.)	2.8	1.2	68	0.03	1	56.00	46.67	0.69	
49	q	TOP	4CJT5	CJT(4,5)^3			0.9	1	1	0.90	73	0.25	0.25	0.25	monitor trigger
50	u	Q	JT_95TT	CJT(4,5)	jt(1,30)	jt(1,95.)	0.9	1.6	121	0.00	1	18.00	11.25	0.09	*EXPRESS STREAM*
51	u / h45(-p60)	TOP	4JT10	CJT(4,5)^2	jt(3,8.) HT(90)	jt(4,10.)jet(2,20)	0.9	4.4	5.7	0.04	1	18.00	4.09	0.72	
52	u	Q	JT_125TT	CJT(4,7)		jt(1,125.)	0.2	1	195	0.00	1	4.00	4.00	0.02	
53	u / s35-h45-(p60)	H NP	3JT15	CJT(4,5)^4	jt(3,8.) HT(50)	jt(3,15.)	0.9	1.8	4.1	0.12	1	18.00	10.00	2.44	
54	p		MU_C_L2M0	mu1ptxctxx_fz	mu(1,med,0.)		15	4.6	1.1	2.96	10000000	0.00	0.00	0.00	for download
55	p		MU_F_L2M0	mu1ptxbtxx_fz	mu(1,med,0.)		12	2.1	1	5.71	10000000	0.00	0.00	0.00	for download
56	p		mu2ptxbtxx_fz	mu2ptxbtxx_fz			0.1	1	1	0.10	10000000	0.00	0.00	0.00	for download
57	p		mu2ptxctxx_fz	mu2ptxctxx_fz			0.2	1	1	0.20	10000000	0.00	0.00	0.00	for download
58	p		mu2ptxwtxx_fz	mu2ptxwtxx_fz			0.2	1	1	0.20	10000000	0.00	0.00	0.00	for download
59	p		mu1ptxclxa_fz	mu1ptxclxa_fz			1890	1	1	1890	10000000	0.00	0.00	0.00	for download
60	q	B	MU_W_L2L0_TRK2	mu1ptxwtxx_fz^3	mu(1,ls,0.)	trk(1,2)	20	1.8	2.3	4.83	349	1.15	0.64	0.28	monitor trigger
61	h / h20-p30-h40(-p60)	EW NP	MU_W_L2M5_TRK10	mu1ptxwtxx_fz	mu(1,med,5.)	trk(1,10.)	20	8	60	0.04	10000000	0.00	0.00	0.00	
62	h / s15-m25(-p60)	B	MU_W_L2M0_TRK3	mu1ptxwtxx_fz^2	mu(1,med,0.)	trk(1,3.)	20	4.5	2.5	1.78	35	11.43	2.54	1.02	
63	h / u20-h30(-p60)	B NP	MU_W_L2M0_2TRK3	mu1ptxwtxx_fz^4	mu(1,med,0.)	trk(2,3.)	20	4.5	10	0.44	4	100.00	22.22	2.22	
64	h / u20-h30(-p60)	B NP	MU_W_L2M0_TRK10		mu(1,med,0.)	trk(1,10.)	20	4.5	78	0.06	#			0.28	

65	r	TOP B EW MU	mu1ptxatxx	mu1ptxatxx			40	1	1	40.00	3056	0.26	0.26	0.26	monitor trigger ***EXPRESS STREAM***
66	q	MU	MU_A_L2L0_NOFZ	mu1ptxatxx^2	mu(1,ls,0.)		39	1.9	1	20.53	1678	0.46	0.24	0.24	monitor trigger
67	q	MU	mu1ptxatxx_fz	mu1ptxatxx_fz			30	1	1	30.00	2240	0.27	0.27	0.27	monitor trigger
68	q	EW	MU_A_L2M0	mu1ptxatxx_fz^2	mu(1,med,0.)		30	3	1	10.00	694	0.86	0.29	0.29	monitor trigger
69	l / m10-q60	EW NP	MU_A_L2M5	mu1ptxatxx_fz^3	mu(1,med,5.)		30	11	1	2.73	220	2.73	0.25	0.25	
70	l / m15-q60	EW	2MU_A_2L2	mu1ptxatxx_fz^4	mu(2,eta-phi)		30	16	1	1.88	136	4.41	0.28	0.28	
71	h	B	2MU_W_L2M0_2TRK2	mu2ptxwtxx_fz^2	mu(1,med,0.)	trk(2,2)	0.2	3.6	2.7	0.02	1	4.00	1.11	0.41	***EXPRESS STREAM***
72	r	TOP B NP	mu2ptxatxx_fz	mu2ptxatxx_fz^2			0.3	1	1	0.30	26	0.23	0.23	0.23	monitor trigger ***EXPRESS STREAM***
73	u	TOP B EW NP	2MU_A_L2M0	mu2ptxatxx_fz^3	mu(1,med,0.)		0.3	2.8	1	0.11	1	6.00	2.14	2.14	
74	u	TOP NP	2MU_A_L2ETAPHI	mu2ptxatxx_fz	mu(2,eta-phi)		0.3	6	1	0.05	1	6.00	1.00	1.00	***EXPRESS STREAM***
75	u / u30-h60	B NP	2MU_C_2L2_TRKLO	mu2ptxctxl_fz	mu(2,eta-phi)	trk(1,1.5)	1.5	7.2	1.7	0.12	1	30.00	4.17	2.45	
76	l / s15-h20-l60	B EW	2MU_CA_2L2L_2TRK	mu2ptxclxx_fz	mu(2,eta-phi)	trk(2,1.5)	76	8	1.8	5.28	32	47.50	5.94	3.30	
77	q	TOP EW NP	mu1ptxatxx_CEM5	mu1ptxatxx_CEM(1,5)			0.35	1	1	0.35	29	0.24	0.24	0.24	monitor trigger
78	m / s15-m60	EW	MU_EM_L2M0	mu1ptxatxx_CEM(1,5)^2	mu(1,med,0.)		0.35	1.5	1	0.23	5	1.40	0.93	0.93	
79	u / s45-h60	EW	MU_EM_L2M5	mu1ptxatxx_CEM(1,5)^3	mu(1,med,5.)		0.35	3.4	1	0.10	1	7.00	2.06	2.06	
80	u	TOP NP	MU_A_EM10	mu1ptxatxx_CEM(1,5)^4		em(1,10.)	0.35	1	8	0.04	1	7.00	7.00	0.88	***EXPRESS STREAM***
81	q	B ID TOP	mu1ptxatxx_CJT5	mu1ptxatxx_CJT(1,5)^3			0.57	1	1	0.57	44	0.26	0.26	0.26	monitor trigger ***EXPRESS STREAM***
82	u	TOP B NP H	MU_JT20_L2M0	mu1ptxatxx_CJT(1,5)^6	mu(1,med,0.)	jt(1,20.)	0.57	1.5	5	0.08	1	11.40	7.60	1.52	
83	u / s30-h35-m40(-p60)	B	MU_2TRK3_L2M0	mu1ptxatxx_CJT(1,5)^5	mu(1,med,0.)	trk(2,3.)	0.57	1.5	2.7	0.14	1	11.40	7.60	2.81	
84	u / h35(-p60)	EW NP TAU	MU_TAU10_L2M0	mu1ptxatxx_CJT(1,5)^4	mu(1,med,0.)	tautrk(1,10.)trk(1,5)	0.57	1.5	3.1	0.12	1	11.40	7.60	2.45	
85	u / h45-l60	TAU	MU_TAU10_2T_L2M0	mu1ptxatxx_CJT(1,5)	mu(1,med,0.)	tautrk(1,10.)trk(2,5)	0.57	1.5	8.5	0.04	1	11.40	7.60	0.89	
86	u	TOP B H	MU_JT25_L2M0	mu1ptxatxx_CJT(1,5)^7	mu(1,med,0.)	jt(1,25.)	0.57	1.5	10	0.04	1	11.40	7.60	0.76	***EXPRESS STREAM***
87	f.5	B ID	MU_JT20_L2M0_BID	mu1ptxatxx_CJT(1,5)^2	mu(1,med,0.)	jt(1,20.)	0.57	1.5	5	0.08	4	2.85	1.90	0.38	***EXPRESS STREAM***
88	f.1 / f	L	zero_bias^2	ALiveBX^2			112000	1	1	112000	3400001	0.66	0.66	0.66	
89	e.05 / e.01	Q	zero_bias_GapN	ALiveBX_ALMNorth[v]			46700	1	1	46700	70040012	0.01	0.01	0.01	
90	l / f0.5	Q	JT_25TT_GAPN	CJT(2,5)_ALMNorth[v]		jt(1,25)	0.075	1	2.8	0.03	2	0.75	0.75	0.27	
91	e.05 / e.01	Q	zero_bias_GapS	ALiveBX_ALMSouth[v]			47100	1	1	47100	70720016	0.01	0.01	0.01	
92	l / f0.5	Q	JT_25TT_GAPS	CJT(2,5)_ALMSouth[v]		jt(1,25)	0.8	1	2.8	0.29	8	2.00	2.00	0.71	
93	e.05 / e.01	Q	zero_bias_GapSN	ALiveBX_ALMSouth[v]_ALMNorth[v]			34680	1	1	34680	52020007	0.01	0.01	0.01	
94	l / f0.5	Q	JT_25TT_GAPSN	CJT(2,5)_ALMSouth[v]ALMNorth[v]		jt(1,25)	0.012	1	2	0.01	1	0.24	0.24	0.12	
				simple sum								**1041.00**	**763.00**	**83.00**	
				EXPRESS SUM										**7.99**	
			EM+Di-EM									100.00	100.00	4.17	
			EM+jet									44.00	39.29	3.24	
			jet									56.00	46.67	2.44	
			single+di-muon									100.00	22.22	3.30	
			emu									7.00	7.00	2.06	
			mu+jet									11.40	7.60	2.81	
												318.40	222.77	18.01	
				"MEASURED RATES"										29.00	