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# **Roberto Rossin's TMD working area.**

# 1.4e33 table(19th May table, deployed ~ June 10th)

## 1.4E33

show HT  hide

!HT

Path Name	L1 condition	L1 Prescale	HLT Prescale
HLT_DiJet130_PT130_v3	L1_SingleJet68	1	20
HLT_DiJet160_PT160_v3	L1_SingleJet92	1	1
OpenHLT_HT150	L1_HTT50	1	5000
OpenHLT_HT200	L1_HTT75	1	1000
OpenHLT_HT250	L1_HTT100	1	400
OpenHLT_HT300	L1_HTT100	1	200
OpenHLT_HT350	L1_HTT100	1	140
OpenHLT_HT400	L1_HTT100	1	70
OpenHLT_HT450	L1_HTT100	1	25
OpenHLT_HT500	L1_HTT100	1	15
OpenHLT_HT550	L1_HTT100	1	1
OpenHLT_HT200_AlphaT0p53	L1_HTT75	1	7
OpenHLT_HT250_AlphaT0p53	L1_HTT100	1	1
OpenHLT_HT250_AlphaT0p55	L1_HTT100	1	1
OpenHLT_HT300_AlphaT0p53	L1_HTT100	1	1
OpenHLT_HT300_AlphaT0p54	L1_HTT100	1	1
OpenHLT_HT350_AlphaT0p52	L1_HTT100	1	1
OpenHLT_HT350_AlphaT0p53	L1_HTT100	1	1
OpenHLT_HT400_AlphaT0p51	L1_HTT100	1	1
OpenHLT_HT400_AlphaT0p52	L1_HTT100	1	1
OpenHLT_HT450_AlphaT0p51	L1_HTT100	1	1
OpenHLT_HT450_AlphaT0p52	L1_HTT100	1	1
OpenHLT_HT250_MHT100	L1_HTT100	1	1
OpenHLT_HT300_MHT90	L1_HTT100	1	1
OpenHLT_HT350_MHT80	L1_HTT100	1	1
OpenHLT_HT250_MHT90	L1_HTT100	1	1
OpenHLT_HT300_MHT80	L1_HTT100	1	1
OpenHLT_HT350_MHT70	L1_HTT100	1	1
OpenHLT_HT300_PFMHT55	L1_HTT100	1	15
HLT_HT300_CentralJet30_BTagIP_PFMHT55_v3	L1_HTT100	1	1
HLT_HT300_CentralJet30_BTagIP_PFMHT75_v3	L1_HTT100	1	1
OpenHLT_HT300_CentralJet30_BTagIP	L1_HTT100	1	35
HLT_HT250_DoubleDisplacedJet60_v4	L1_HTT100	1	1
OpenHLT_R014_MR150_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	140
OpenHLT_R023_MR350_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1
OpenHLT_R023_MR400_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1
OpenHLT_R017_MR450_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1
OpenHLT_R017_MR500_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1
OpenHLT_R029_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1
OpenHLT_R029_MR300_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1
OpenHLT_R033_MR200_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1

TriggerMenuDevelopment < Sandbox < TWiki

OpenHLT_R036_MR200_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1
OpenHLT_R014_MR150	L1_DoubleJet36_Central	1	1400
HLT_R020_MR150_v3	L1_DoubleJet36_Central	1	602
HLT_R020_MR550_v3	L1_DoubleJet36_Central	1	1
HLT_R025_MR150_v3	L1_DoubleJet36_Central	1	151
HLT_R025_MR450_v3	L1_DoubleJet36_Central	1	1
OpenHLT_R029_MR450	L1_DoubleJet36_Central	1	1
HLT_R033_MR350_v3	L1_DoubleJet36_Central	1	1
OpenHLT_R036_MR350	L1_DoubleJet36_Central	1	1
HLT_R038_MR250_v3	L1_DoubleJet36_Central	1	1
OpenHLT_R042_MR250	L1_DoubleJet36_Central	1	1
OpenHLT_FatJetMass300_DR1p1_Deta2p0_CentralJet30_BTagIP	L1_HTT75	1	1
OpenHLT_FatJetMass350_DR1p1_Deta2p0_CentralJet30_BTagIP	L1_HTT75	1	1
OpenHLT_FatJetMass750_DR1p1_Deta2p0	L1_HTT75	1	1
OpenHLT_FatJetMass850_DR1p1_Deta2p0	L1_HTT75	1	1
<b>Total</b>	<b>Rate (AICa not included) [Hz]</b>	<b>Throughput (AICa included) [MB/s]</b>	
HLT	35.74+-1.97	4.91+-0.30	

show DoubleEle  hide

!DoubleEle

Path Name	L1 condition
HLT_Ele17_CaloIdL_CaloIsoVL_v5	L1_Singl
HLT_Ele17_CaloIdL_CaloIsoVL_Ele15_HFL_v6	L1_Singl
HLT_Ele17_CaloIdL_CaloIsoVL_Ele15_HFT_v1	L1_Singl
HLT_Ele17_CaloIdL_CaloIsoVL_Ele8_CaloIdL_CaloIsoVL_v5	L1_Singl
HLT_Ele17_CaloIdT_CaloIsoVL_TrkIdVL_TrkIsoVL_Ele8_CaloIdT_CaloIsoVL_TrkIdVL_TrkIsoVL_v5	L1_Singl
HLT_Ele17_CaloIdVT_CaloIsoVT_TrkIdT_TrkIsoVT_Ele8_Mass30_v3	L1_Singl
HLT_Ele17_CaloIdVT_CaloIsoVT_TrkIdT_TrkIsoVT_SC8_Mass30_v5	L1_Singl
HLT_Ele32_CaloIdT_CaloIsoT_TrkIdT_TrkIsoT_SC17_v2	L1_Singl
HLT_Photon20_CaloIdVT_IsoT_Ele8_CaloIdL_CaloIsoVL_v5	L1_Singl
HLT_TripleEle10_CaloIdL_TrkIdVL_v6	L1_Tripl
HLT_DoubleEle10_CaloIdL_TrkIdVL_Ele10_CaloIdT_TrkIdVL_v1	L1_Tripl
HLT_Ele8_CaloIdL_CaloIsoVL_Jet40_v5	L1_Singl
HLT_Ele8_CaloIdL_CaloIsoVL_v5	L1_Singl
HLT_Ele8_CaloIdL_TrkIdVL_v5	L1_Singl
HLT_Ele8_CaloIdT_CaloIsoVL_TrkIdVL_TrkIsoVL_v4	L1_Singl
HLT_Ele8_v5	L1_Singl
<b>Total</b>	<b>Rate (AICa included)</b>
HLT	32.76+-0

show EleHad  hide

!EleHad

Path Name	L1 condition
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HLT_DoubleEle8_CaloIdT_TrkIdVL_HT150_v3	L1_DoubleEG5_HT
HLT_DoubleEle8_CaloIdT_TrkIdVL_Mass4_HT150_v1	L1_DoubleEG5_HT
OpenHLT_DoubleEle8_CaloIdT_TrkIdVL	L1_DoubleEG5
HLT_Ele10_CaloIdL_CaloIsoVL_TrkIdVL_TrkIsoVL_R005_MR200_v3	L1_DoubleJet36_Ce
HLT_Ele10_CaloIdL_CaloIsoVL_TrkIdVL_TrkIsoVL_R020_MR200_v3	L1_DoubleJet36_Ce
HLT_Ele10_CaloIdL_CaloIsoVL_TrkIdVL_TrkIsoVL_R025_MR200_v3	L1_DoubleJet36_Ce
HLT_Ele15_CaloIdT_CaloIsoVL_TrkIdT_TrkIsoVL_HT250_v5	L1_EG5_HTT75
HLT_Ele15_CaloIdT_CaloIsoVL_TrkIdT_TrkIsoVL_HT250_PFMHT25_v1	L1_EG5_HTT75
OpenHLT_Ele15_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_Jet35_Jet25_Deta3_Jet20	L1_SingleEG12
OpenHLT_Ele15_CaloIdVT_TrkIdT_Jet35_Jet25_Deta3_Jet20	L1_SingleEG12
OpenHLT_Ele17_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_Jet35_Jet25_Deta3p5_Jet25	L1_SingleEG12
OpenHLT_Ele22_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_CentralJet30_CentralJet25	L1_SingleEG12
OpenHLT_Ele22_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_CentralJet30_CentralJet25_PFMHT20	L1_SingleEG12
OpenHLT_Ele22_CaloIdVT_TrkIdT_CentralJet30_CentralJet25	L1_SingleEG12
HLT_Ele25_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_CentralJet30_v1	L1_SingleEG12
HLT_Ele25_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_CentralJet30_BTagIP_v1	L1_SingleEG12
HLT_Ele25_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_DiCentralJet30_v1	L1_SingleEG12
OpenHLT_Ele25_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_DiCentralJet30_PFMHT25	L1_SingleEG12
HLT_Ele25_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_TriCentralJet30_v1	L1_SingleEG12
HLT_Ele25_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_QuadCentralJet30_v1	L1_SingleEG12
HLT_Ele25_CaloIdVT_TrkIdT_CentralJet30_v5	L1_SingleEG12
HLT_Ele25_CaloIdVT_TrkIdT_CentralJet30_BTagIP_v5	L1_SingleEG12
HLT_Ele25_CaloIdVT_TrkIdT_DiCentralJet30_v4	L1_SingleEG12
HLT_Ele25_CaloIdVT_TrkIdT_TriCentralJet30_v4	L1_SingleEG12
HLT_Ele25_CaloIdVT_TrkIdT_QuadCentralJet30_v1	L1_SingleEG12
HLT_Ele8_CaloIdT_TrkIdT_DiJet30_v2	L1_DoubleEG5_HT
HLT_Ele8_CaloIdT_TrkIdT_QuadJet30_v2	L1_DoubleEG5_HT
HLT_Ele8_CaloIdT_TrkIdT_TriJet30_v2	L1_DoubleEG5_HT
HLT_HT300_Ele5_CaloIdVL_CaloIsoVL_TrkIdVL_TrkIsoVL_PFMHT40_v3	L1_HTT100
HLT_HT350_Ele5_CaloIdVL_CaloIsoVL_TrkIdVL_TrkIsoVL_PFMHT45_v3	L1_HTT100
%RED%HLT_HT200_DoubleEle5_CaloIdVL_MassJpsi_v1	L1_HTT100
<b>Total</b>	<b>Rate (AICa not included) [Hz]</b>
HLT	23.73+-0.07

show PhotonHad  hide

!PhotonHad

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	Total Rate [Hz]	Avg. Size [MB]	Throughput [M]
OpenHLT_Photon40_CaloIdL_R005_MR150	L1_SingleEG20	1	180	0.10+-0.00	0.10	0.15	0.02
OpenHLT_Photon40_CaloIdL_R014_MR500	L1_SingleEG20	1	1	1.24+-0.02	1.33	0.15	0.20
OpenHLT_Photon40_CaloIdL_R017_MR500	L1_SingleEG20	1	1	0.57+-0.01	1.33	0.15	0.20
OpenHLT_Photon40_CaloIdL_R023_MR350	L1_SingleEG20	1	1	0.83+-0.01	2.02	0.15	0.30
OpenHLT_Photon40_CaloIdL_R025_MR250	L1_SingleEG20	1	1	2.91+-0.02	4.39	0.15	0.66
OpenHLT_Photon40_CaloIdL_R029_MR250	L1_SingleEG20	1	1	0.95+-0.01	4.39	0.15	0.66

OpenHLT_Photon40_CaloIdL_R042_MR200	L1_SingleEG20	1	1	0.16+-0.01	4.44	0.15	0.67
HLT_Photon70_CaloIdL_HT350_v5	L1_SingleEG20	1	1	3.35+-0.03	6.98	0.15	1.05
OpenHLT_Photon70_CaloIdL_HT400	L1_SingleEG20	1	1	2.26+-0.02	7.02	0.15	1.05
HLT_Photon70_CaloIdL_MHT70_v5	L1_SingleEG20	1	1	2.00+-0.02	8.23	0.15	1.23
OpenHLT_Photon70_CaloIdL_MHT90	L1_SingleEG20	1	1	0.82+-0.01	8.23	0.15	1.23
<b>Total</b>	<b>Rate (AICa not included) [Hz]</b>	<b>Throughput (AICa included) [MB/s]</b>					
HLT	8.23+-0.04	1.23+-0.01					

show Photon  hide

!Photon

Path Name	L1 condition	L1 Prescale	HLT Prescale	
HLT_DoubleEle33_CaloIdL_v2	L1_SingleEG20	1	1	1.
HLT_DoubleEle33_v2	L1_SingleEG20	1	1	4.
HLT_DoubleEle45_CaloIdL_v1	L1_SingleEG20	1	1	0.
HLT_Photon20_R9Id_Photon18_R9Id_v5	L1_SingleEG12	1	15	0.
HLT_Photon26_Photon18_v5	L1_SingleEG15	1	1000	0.
HLT_Photon26_IsoVL_Photon18_v5	L1_SingleEG15	1	150	0.
HLT_Photon26_IsoVL_Photon18_IsoVL_v5	L1_SingleEG15	1	1	10
HLT_Photon26_CaloIdL_IsoVL_Photon18_v5	L1_SingleEG15	1	30	0.
HLT_Photon26_CaloIdL_IsoVL_Photon18_CaloIdL_IsoVL_v5	L1_SingleEG15	1	1	5.
HLT_Photon26_CaloIdL_IsoVL_Photon18_R9Id_v4	L1_SingleEG15	1	1	7.
HLT_Photon26_R9Id_Photon18_CaloIdL_IsoVL_v4	L1_SingleEG15	1	1	7.
HLT_Photon26_R9Id_Photon18_R9Id_v2	L1_SingleEG15	1	1	5.
HLT_Photon36_IsoVL_Photon22_v2	L1_SingleEG20	1	1	9.
OpenHLT_Photon36_CaloIdVL_Photon22_CaloIdVL	L1_SingleEG20	1	14	0.
HLT_Photon36_CaloIdL_Photon22_CaloIdL_v4	L1_SingleEG20	1	7	1.
HLT_Photon36_CaloIdL_IsoVL_Photon22_CaloIdL_v1	L1_SingleEG20	1	1	4.
HLT_Photon36_CaloIdL_IsoVL_Photon22_CaloIdL_IsoVL_v1	L1_SingleEG20	1	1	1.
OpenHLT_Photon36_CaloIdL_IsoVL_Photon22_R9Id	L1_SingleEG20	1	1	1.
HLT_Photon36_CaloIdL_IsoVL_Photon22_v2	L1_SingleEG20	1	1	7.
HLT_Photon36_R9Id_Photon22_CaloIdL_IsoVL_v1	L1_SingleEG20	1	1	2.
HLT_Photon36_R9Id_Photon22_R9Id_v1	L1_SingleEG20	1	1	2.
HLT_Photon40_CaloIdL_Photon28_CaloIdL_v2	L1_SingleEG20	1	1	5.
OpenHLT_Photon44_CaloIdL_Photon34_CaloIdL	L1_SingleEG20	1	1	2.
OpenHLT_Photon48_CaloIdL_Photon38_CaloIdL	L1_SingleEG20	1	1	1.
HLT_DoublePhoton33_HEVT_v2	L1_SingleEG20	1	1	5.
OpenHLT_DoublePhoton38_HEVT	L1_SingleEG20	1	1	1.
HLT_DoublePhoton40_MR150_v3	L1_SingleEG20	1	1	4.
HLT_DoublePhoton40_R014_MR150_v3	L1_SingleEG20	1	1	2.
HLT_DoublePhoton5_IsoVL_CEP_v4	L1_DoubleEG2_FwdVeto	1	1	0.
HLT_DoublePhoton60_v2	L1_SingleEG20	1	1	0.
OpenHLT_Photon135_v1	L1_SingleEG20	1	1	3.
OpenHLT_Photon225_NoHE	L1_SingleEG20	1	1	1.
OpenHLT_Photon200_NoHE	L1_SingleEG20	1	1	1.
HLT_Photon200_NoHE_v2	L1_SingleEG20	1	1	1.
HLT_Photon20_CaloIdVL_IsoL_v4	L1_SingleEG12	1	2500	0.

HLT_Photon30_CaloIdVL_IsoL_v5	L1_SingleEG15	1	500	0.
HLT_Photon30_CaloIdVL_v5	L1_SingleEG15	1	1000	0.
HLT_Photon50_CaloIdVL_IsoL_v4	L1_SingleEG20	1	120	0.
HLT_Photon50_CaloIdVL_v2	L1_SingleEG20	1	240	0.
HLT_Photon75_CaloIdVL_IsoL_v5	L1_SingleEG20	1	10	0.
HLT_Photon75_CaloIdVL_v5	L1_SingleEG20	1	40	0.
HLT_Photon90_CaloIdVL_IsoL_v2	L1_SingleEG20	1	1	4.
HLT_Photon90_CaloIdVL_v2	L1_SingleEG20	1	20	0.
<b>Total</b>	<b>Rate (AlCa not included) [Hz]</b>	<b>Throughput (AlCa included) [MB/s]</b>		
HLT	38.98+-0.09	5.85+-0.01		

show SingleEle  hide

!SingleEle

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	Total Rate [Hz]
HLT_Ele25_CaloIdL_CaloIsoVL_TrkIdVL_TrkIsoVL_v1	L1_SingleEG12	1	300	0.54+-0.01	0.54+-0.01
HLT_Ele25_WP80_PFMT40_v1	L1_SingleEG12	1	1	12.37+-0.05	12.37+-0.05
HLT_Ele27_WP70_PFMT40_PFMHT20_v1	L1_SingleEG15	1	1	6.27+-0.04	6.27+-0.04
OpenHLT_Ele27_WP80_PFMT50	L1_SingleEG15	1	1	13.63+-0.05	13.63+-0.05
HLT_Ele32_CaloIdVL_CaloIsoVL_TrkIdVL_TrkIsoVL_v2	L1_SingleEG20	1	150	0.64+-0.01	0.64+-0.01
HLT_Ele32_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_v4	L1_SingleEG20	1	20	1.27+-0.02	1.27+-0.02
OpenHLT_Ele32_WP70_PFMT50	L1_SingleEG20	1	1	7.17+-0.04	7.17+-0.04
HLT_Ele42_CaloIdVL_CaloIsoVL_TrkIdVL_TrkIsoVL_v1	L1_SingleEG20	1	60	0.74+-0.01	0.74+-0.01
HLT_Ele42_CaloIdVT_CaloIsoT_TrkIdT_TrkIsoT_v1	L1_SingleEG20	1	1	11.09+-0.05	11.09+-0.05
HLT_Ele52_CaloIdVT_TrkIdT_v2	L1_SingleEG20	1	1	8.46+-0.04	8.46+-0.04
HLT_Ele65_CaloIdVT_TrkIdT_v1	L1_SingleEG20	1	1	3.78+-0.03	3.78+-0.03
<b>Total</b>	<b>Rate (AlCa not included) [Hz]</b>	<b>Throughput (AlCa included) [MB/s]</b>			
HLT	26.40+-0.08	3.96+-0.01			

# 1e33 table (21st April table, deployed ~ May 10th)

## 1E33

show HT  hide

HT

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	
OpenHLT_DiJet130_PT130	L1_SingleJet68	1	1	1.19+-0.59	1
OpenHLT_DiJet160_PT160	L1_SingleJet92	1	1	0.59+-0.42	1
OpenHLT_HT150	L1_HTT50	1	7000	0.00+-0.00	1
HLT_HT150_AlphaT0p60_v2	L1_HTT75	1	5	3.27+-0.99	4
OpenHLT_HT200	L1_HTT75	1	800	0.89+-0.51	5
OpenHLT_HT200_AlphaT0p53	L1_HTT75	1	2	3.57+-1.03	8
HLT_HT200_AlphaT0p60_v2	L1_HTT75	1	1	1.49+-0.66	9
OpenHLT_HT250	L1_HTT100	1	240	1.49+-0.66	1
OpenHLT_HT250_AlphaT0p53	L1_HTT100	1	1	3.57+-1.03	1
OpenHLT_HT250_AlphaT0p54	L1_HTT100	1	1	2.67+-0.89	1
HLT_HT250_DoubleDisplacedJet60_v2	L1_HTT100	1	1	0.89+-0.51	1
OpenHLT_HT250_MHT60	L1_HTT100	1	1000	0.30+-0.30	1
OpenHLT_HT250_MHT70	L1_HTT100	1	1	15.75+-2.16	2
OpenHLT_HT250_MHT80	L1_HTT100	1	1	6.83+-1.42	2
OpenHLT_HT300	L1_HTT100	1	240	0.59+-0.42	2
HLT_HT300_AlphaT0p52_v2	L1_HTT100	1	1	2.38+-0.84	2
OpenHLT_HT300_AlphaT0p52	L1_HTT100	1	1	2.08+-0.79	2
OpenHLT_HT300_AlphaT0p53	L1_HTT100	1	1	0.89+-0.51	2
OpenHLT_HT300_CentralJet30_BTagIP_PFMHT55	L1_HTT100	1	1	2.08+-0.79	2
OpenHLT_HT300_CentralJet30_BTagIP_PFMHT75	L1_HTT100	1	1	0.59+-0.42	2
OpenHLT_HT300_CentralJet30_BTagIP	L1_HTT100	1	10	1.19+-0.59	2
OpenHLT_HT300_PFMHT55	L1_HTT100	1	20	0.59+-0.42	3
OpenHLT_HT350	L1_HTT100	1	120	0.30+-0.30	3
HLT_HT350_AlphaT0p51_v2	L1_HTT100	1	1	2.97+-0.94	3
HLT_HT350_AlphaT0p53_v2	L1_HTT100	1	1	0.30+-0.30	3
OpenHLT_HT400	L1_HTT100	1	60	0.30+-0.30	3
HLT_HT400_AlphaT0p51_v2	L1_HTT100	1	1	1.19+-0.59	3
OpenHLT_HT450	L1_HTT100	1	30	0.89+-0.51	3
OpenHLT_HT500	L1_HTT100	1	1	6.54+-1.39	3
OpenHLT_HT550	L1_HTT100	1	1	3.86+-1.07	3
OpenHLT_R038_MR200	L1_DoubleJet36_Central	1	1	2.67+-0.89	3
OpenHLT_R038_MR250	L1_DoubleJet36_Central	1	1	0.00+-0.00	3
OpenHLT_R033_MR300	L1_DoubleJet36_Central	1	1	0.59+-0.42	3
OpenHLT_R033_MR350	L1_DoubleJet36_Central	1	1	0.30+-0.30	3
OpenHLT_R025_MR400	L1_DoubleJet36_Central	1	1	2.67+-0.89	3
OpenHLT_R025_MR450	L1_DoubleJet36_Central	1	1	1.19+-0.59	3
OpenHLT_R020_MR500	L1_DoubleJet36_Central	1	1	1.78+-0.73	3
OpenHLT_R020_MR550	L1_DoubleJet36_Central	1	1	1.19+-0.59	3
OpenHLT_R014_MR600	L1_DoubleJet36_Central	1	1	4.75+-1.19	3
OpenHLT_R014_MR650	L1_DoubleJet36_Central	1	1	3.57+-1.03	3



TriggerMenuDevelopment < Sandbox < TWiki

OpenHLT_R025_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	4.16+-1.11	4
OpenHLT_R020_MR350_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.78+-0.73	4
OpenHLT_R014_MR450_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.78+-0.73	4
OpenHLT_R014_MR150_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	100	0.59+-0.42	4
OpenHLT_R014_MR150	L1_DoubleJet36_Central	1	800	0.89+-0.51	4
OpenHLT_R020_MR150	L1_DoubleJet36_Central	1	401	0.89+-0.51	4
OpenHLT_R025_MR150	L1_DoubleJet36_Central	1	199	0.59+-0.42	4
<b>Total</b>		<b>Rate (AICa not included) [Hz]</b>		<b>Throughput (AICa included) [MB/s]</b>	
HLT		44.56+-3.64		6.68+-0.55	

show MuHad  hide

MuHad

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	Total Rate [Hz]
OpenHLT_Mu8_R005_MR200	L1_Mu3_Jet20_Central AND L1_DoubleJet36_Central	1, 1	30	0.84+-0.32	0.84
OpenHLT_Mu8_R020_MR200	L1_Mu3_Jet20_Central AND L1_DoubleJet36_Central	1, 1	1	6.58+-0.89	7.30
OpenHLT_Mu8_R025_MR200	L1_Mu3_Jet20_Central AND L1_DoubleJet36_Central	1, 1	1	3.59+-0.66	7.30
OpenHLT_HT250_Mu15_pfMHT20	L1_HTT100	1	1	2.15+-0.51	8.98
OpenHLT_Mu12_CentralJet30_BTagIP_v2	L1_SingleMu7	1	1	19.51+-1.53	27.41
OpenHLT_Mu17_CentralJet30_BTagIP_v2	L1_SingleMu7	1	1	6.82+-0.90	27.41
HLT_Mu17_CentralJet30_BTagIP_v2	L1_SingleMu7	1	1	7.42+-0.94	28.13
OpenHLT_Mu15_HT200	L1_Mu0_HTT50	1	15	0.48+-0.24	28.25
OpenHLT_Mu20_HT200	L1_Mu0_HTT50	1	1	2.63+-0.56	28.85
HLT_Mu17_CentralJet30_v4	L1_SingleMu7	1	60	0.60+-0.27	29.21
HLT_Mu17_DiCentralJet30_v4	L1_SingleMu7	1	30	0.84+-0.32	29.33
HLT_Mu17_TriCentralJet30_v4	L1_SingleMu7	1	1	9.70+-1.08	32.80
HLT_IsoMu17_CentralJet30_BTagIP_v2	L1_SingleMu7	1	1	0.12+-0.12	32.80
HLT_HT250_Mu5_PFMHT35_v2	L1_HTT100	1	1	4.10+-0.03	36.9
OpenHLT_HT300_Mu5_pfMHT40	L1_HTT100	1	1	1.90+-0.02	36.9
OpenHLT_HT350_Mu5_pfMHT45	L1_HTT100	1	1	0.97+-0.01	36.9
HLT_Mu3_Ele8_CaloIdL_TrkIdVL_HT150_v1	L1_Mu0_HTT50	1	1	7.39+-0.04	43.82
HLT_Mu3_Ele8_CaloIdT_TrkIdVL_HT150_v1	L1_Mu0_HTT50	1	1	3.10+-0.02	43.82
OpenHLT_Mu3_Dijet30	L1_SingleMuOpen	350	10	0.26+-0.19	43.82
OpenHLT_Mu3_Trijet30	L1_SingleMuOpen	350	1	0.52+-0.08	43.82
OpenHLT_Mu3_Quadjet30	L1_SingleMuOpen	350	1	0.14+-0.04	43.82
HLT_DoubleMu3_HT150_v1	L1_Mu0_HTT50	1	1	2.80+-0.02	46.12
HLT_DoubleMu3_HT200_v4	L1_Mu0_HTT50	1	1	1.41+-0.02	46.12
<b>Total</b>		<b>Rate (AICa not included) [Hz]</b>		<b>Throughput (AICa included) [MB/s]</b>	

HLT	46.00	
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## 1.4E33

show HT  hide

HT

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	
OpenHLT_DiJet130_PT130	L1_SingleJet68	1	1	1.66+-0.83	1
OpenHLT_DiJet160_PT160	L1_SingleJet92	1	1	0.83+-0.59	1
OpenHLT_HT150	L1_HTT50	1	10000	0.00+-0.00	1
HLT_HT150_AlphaT0p60_v2	L1_HTT75	1	7	2.91+-1.10	4
OpenHLT_HT200	L1_HTT75	1	1200	0.83+-0.59	5
OpenHLT_HT200_AlphaT0p53	L1_HTT75	1	3	3.32+-1.18	8
HLT_HT200_AlphaT0p60_v2	L1_HTT75	1	1	2.08+-0.93	9
OpenHLT_HT250	L1_HTT100	1	360	1.25+-0.72	1
OpenHLT_HT250_AlphaT0p53	L1_HTT100	1	1	4.99+-1.44	1
OpenHLT_HT250_AlphaT0p54	L1_HTT100	1	1	3.74+-1.25	1
HLT_HT250_DoubleDisplacedJet60_v2	L1_HTT100	1	1	1.25+-0.72	1
OpenHLT_HT250_MHT60	L1_HTT100	1	100	0.83+-0.59	1
OpenHLT_HT250_MHT70	L1_HTT100	1	1	22.44+-3.05	3
OpenHLT_HT250_MHT80	L1_HTT100	1	1	9.97+-2.04	3
OpenHLT_HT300	L1_HTT100	1	360	0.42+-0.42	3
HLT_HT300_AlphaT0p52_v2	L1_HTT100	1	1	3.32+-1.18	3
OpenHLT_HT300_AlphaT0p52	L1_HTT100	1	1	2.91+-1.10	3
OpenHLT_HT300_AlphaT0p53	L1_HTT100	1	1	1.25+-0.72	3
OpenHLT_HT300_CentralJet30_BTagIP_PFMHT55	L1_HTT100	1	1	2.91+-1.10	3
OpenHLT_HT300_CentralJet30_BTagIP_PFMHT75	L1_HTT100	1	1	0.83+-0.59	3
OpenHLT_HT300_CentralJet30_BTagIP	L1_HTT100	1	15	0.83+-0.59	3
OpenHLT_HT300_PFMHT55	L1_HTT100	1	30	1.25+-0.72	3
OpenHLT_HT350	L1_HTT100	1	180	0.00+-0.00	3
HLT_HT350_AlphaT0p51_v2	L1_HTT100	1	1	4.16+-1.31	4
HLT_HT350_AlphaT0p53_v2	L1_HTT100	1	1	0.42+-0.42	4
OpenHLT_HT400	L1_HTT100	1	90	0.42+-0.42	4
HLT_HT400_AlphaT0p51_v2	L1_HTT100	1	1	1.66+-0.83	4
OpenHLT_HT450	L1_HTT100	1	45	0.83+-0.59	4
OpenHLT_HT500	L1_HTT100	1	1	9.14+-1.95	4
OpenHLT_HT550	L1_HTT100	1	1	5.40+-1.50	4
OpenHLT_R038_MR200	L1_DoubleJet36_Central	1	1	3.74+-1.25	4
OpenHLT_R038_MR250	L1_DoubleJet36_Central	1	1	0.00+-0.00	4
OpenHLT_R033_MR300	L1_DoubleJet36_Central	1	1	0.83+-0.59	4
OpenHLT_R033_MR350	L1_DoubleJet36_Central	1	1	0.42+-0.42	4
OpenHLT_R025_MR400	L1_DoubleJet36_Central	1	1	3.74+-1.25	4
OpenHLT_R025_MR450	L1_DoubleJet36_Central	1	1	1.66+-0.83	4
OpenHLT_R020_MR500	L1_DoubleJet36_Central	1	1	2.49+-1.02	4
OpenHLT_R020_MR550	L1_DoubleJet36_Central	1	1	1.66+-0.83	4
OpenHLT_R014_MR600	L1_DoubleJet36_Central	1	1	6.65+-1.66	4
OpenHLT_R014_MR650	L1_DoubleJet36_Central	1	1	4.99+-1.44	4
OpenHLT_R025_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	5.82+-1.55	5

OpenHLT_R020_MR350_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	2.49+-1.02	5
OpenHLT_R014_MR450_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	2.49+-1.02	5
OpenHLT_R014_MR150_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	140	0.42+-0.42	5
OpenHLT_R014_MR150	L1_DoubleJet36_Central	1	1100	0.83+-0.59	5
OpenHLT_R020_MR150	L1_DoubleJet36_Central	1	557	0.83+-0.59	5
OpenHLT_R025_MR150	L1_DoubleJet36_Central	1	797	0.00+-0.00	5
<b>Total</b>	<b>Rate (AlCa not included) [Hz]</b>	<b>Throughput (AlCa included) [MB/s]</b>			
HLT	57.76+-4.90	8.66+-0.73			

## 2E33

show HT  hide

HT

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	
OpenHLT_DiJet130_PT130	L1_SingleJet68	1	1	2.38+-1.19	2
OpenHLT_DiJet160_PT160	L1_SingleJet92	1	1	1.19+-0.84	2
OpenHLT_HT150	L1_HTT50	1	14000	0.00+-0.00	2
HLT_HT150_AlphaT0p60_v2	L1_HTT75	1	15	1.19+-0.84	3
OpenHLT_HT200	L1_HTT75	1	1600	0.59+-0.59	4
OpenHLT_HT200_AlphaT0p53	L1_HTT75	1	10	0.59+-0.59	4
HLT_HT200_AlphaT0p60_v2	L1_HTT75	1	3	0.59+-0.59	4
OpenHLT_HT250	L1_HTT100	1	480	1.78+-1.03	6
OpenHLT_HT250_AlphaT0p53	L1_HTT100	1	1	7.13+-2.06	1
OpenHLT_HT250_AlphaT0p54	L1_HTT100	1	1	5.35+-1.78	1
HLT_HT250_DoubleDisplacedJet60_v2	L1_HTT100	1	1	1.78+-1.03	1
OpenHLT_HT250_MHT60	L1_HTT100	1	100	1.19+-0.84	1
OpenHLT_HT250_MHT70	L1_HTT100	1	1	32.09+-4.37	4
OpenHLT_HT250_MHT80	L1_HTT100	1	1	14.26+-2.91	4
OpenHLT_HT300	L1_HTT100	1	480	0.59+-0.59	4
HLT_HT300_AlphaT0p52_v2	L1_HTT100	1	3	2.38+-1.19	4
OpenHLT_HT300_AlphaT0p52	L1_HTT100	1	1	4.16+-1.57	4
OpenHLT_HT300_AlphaT0p53	L1_HTT100	1	1	1.78+-1.03	4
OpenHLT_HT300_CentralJet30_BTagIP_PFMHT55	L1_HTT100	1	1	4.16+-1.57	4
OpenHLT_HT300_CentralJet30_BTagIP_PFMHT75	L1_HTT100	1	1	1.19+-0.84	4
OpenHLT_HT300_CentralJet30_BTagIP	L1_HTT100	1	20	0.00+-0.00	4
OpenHLT_HT300_PFMHT55	L1_HTT100	1	40	0.00+-0.00	4
OpenHLT_HT350	L1_HTT100	1	240	0.59+-0.59	4
HLT_HT350_AlphaT0p51_v2	L1_HTT100	1	3	3.57+-1.46	4
HLT_HT350_AlphaT0p53_v2	L1_HTT100	1	1	0.59+-0.59	4
OpenHLT_HT400	L1_HTT100	1	120	0.59+-0.59	4
HLT_HT400_AlphaT0p51_v2	L1_HTT100	1	1	2.38+-1.19	4
OpenHLT_HT450	L1_HTT100	1	60	0.00+-0.00	4
OpenHLT_HT500	L1_HTT100	1	1	13.07+-2.79	5
OpenHLT_HT550	L1_HTT100	1	1	7.72+-2.14	5
OpenHLT_R038_MR200	L1_DoubleJet36_Central	1	100	0.00+-0.00	5

OpenHLT_R038_MR250	L1_DoubleJet36_Central	1	1	0.00+-0.00	5
OpenHLT_R033_MR300	L1_DoubleJet36_Central	1	100	0.00+-0.00	5
OpenHLT_R033_MR350	L1_DoubleJet36_Central	1	1	0.59+-0.59	5
OpenHLT_R025_MR400	L1_DoubleJet36_Central	1	100	0.00+-0.00	5
OpenHLT_R025_MR450	L1_DoubleJet36_Central	1	1	2.38+-1.19	5
OpenHLT_R020_MR500	L1_DoubleJet36_Central	1	100	0.00+-0.00	5
OpenHLT_R020_MR550	L1_DoubleJet36_Central	1	1	2.38+-1.19	5
OpenHLT_R014_MR600	L1_DoubleJet36_Central	1	100	0.00+-0.00	5
OpenHLT_R014_MR650	L1_DoubleJet36_Central	1	1	7.13+-2.06	5
OpenHLT_R025_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	8.32+-2.22	6
OpenHLT_R020_MR350_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	3.57+-1.46	6
OpenHLT_R014_MR450_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	3.57+-1.46	6
OpenHLT_R014_MR150_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	200	0.59+-0.59	6
OpenHLT_R014_MR150	L1_DoubleJet36_Central	1	1600	0.59+-0.59	6
OpenHLT_R020_MR150	L1_DoubleJet36_Central	1	797	0.59+-0.59	6
OpenHLT_R025_MR150	L1_DoubleJet36_Central	1	401	0.59+-0.59	6
<b>Total</b>				<b>Rate (AlCa not included) [Hz]</b>	<b>Throughput (AlCa included) [MB/s]</b>
HLT				67.74+-6.34	10.16+-0.95

## 1E33 HT\_MHT\_MEff

show HT\_MHT\_MEff  hide

HT

OpenHLT_HT250_MHT60	L1_HTT100	1	1	25.68+-1.65	38.09	0.15	5.71
OpenHLT_HT250_MHT70	L1_HTT100	1	1	13.16+-1.18	38.09	0.15	5.71
OpenHLT_HT250_MHT80	L1_HTT100	1	1	7.75+-0.91	38.09	0.15	5.71
OpenHLT_HT250_MHT90	L1_HTT100	1	1	3.93+-0.65	38.09	0.15	5.71
OpenHLT_HT250_MHT70_MEff320	L1_HTT100	1	1	13.16+-1.18	38.09	0.15	5.71
OpenHLT_HT250_MHT70_MEff330	L1_HTT100	1	1	12.52+-1.15	38.09	0.15	5.71
OpenHLT_HT250_MHT70_MEff340	L1_HTT100	1	1	11.46+-1.10	38.09	0.15	5.71
OpenHLT_HT250_MHT70_MEff350	L1_HTT100	1	1	10.61+-1.06	38.09	0.15	5.71
OpenHLT_HT275_MHT60	L1_HTT100	1	1	19.52+-1.44	38.09	0.15	5.71
OpenHLT_HT275_MHT70	L1_HTT100	1	1	10.08+-1.03	38.09	0.15	5.71
OpenHLT_HT275_MHT80	L1_HTT100	1	1	6.15+-0.81	38.09	0.15	5.71
OpenHLT_HT275_MHT90	L1_HTT100	1	1	3.61+-0.62	38.09	0.15	5.71
OpenHLT_HT275_MHT70_MEff345	L1_HTT100	1	1	10.08+-1.03	38.09	0.15	5.71
OpenHLT_HT275_MHT70_MEff355	L1_HTT100	1	1	9.76+-1.02	38.09	0.15	5.71
OpenHLT_HT275_MHT70_MEff365	L1_HTT100	1	1	9.12+-0.98	38.09	0.15	5.71
OpenHLT_HT275_MHT70_MEff375	L1_HTT100	1	1	8.59+-0.95	38.09	0.15	5.71
OpenHLT_HT300_MHT60	L1_HTT100	1	1	14.85+-1.26	38.09	0.15	5.71
OpenHLT_HT300_MHT70	L1_HTT100	1	1	8.06+-0.92	38.09	0.15	5.71
OpenHLT_HT300_MHT80	L1_HTT100	1	1	5.31+-0.75	38.09	0.15	5.71
OpenHLT_HT300_MHT90	L1_HTT100	1	1	3.08+-0.57	38.09	0.15	5.71
OpenHLT_HT300_MHT70_MEff370	L1_HTT100	1	1	8.06+-0.92	38.09	0.15	5.71
OpenHLT_HT300_MHT70_MEff380	L1_HTT100	1	1	7.85+-0.91	38.09	0.15	5.71
OpenHLT_HT300_MHT70_MEff390	L1_HTT100	1	1	7.43+-0.89	38.09	0.15	5.71
OpenHLT_HT300_MHT70_MEff400	L1_HTT100	1	1	6.68+-0.84	38.09	0.15	5.71

**1E33 HT\_MHTsuite**

[▣ show HT\\_MHTsuite](#) [▣ hide](#)

HT\_MHTsuite

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	Total Rate [Hz]	Avg. Size [MB]	Total Throughput [MB/s]
OpenHLT_HT250_MHT100	L1_HTT100	1	1	2.23+-0.49	2.23	0.15	0.33
OpenHLT_HT300_MHT90	L1_HTT100	1	1	3.08+-0.57	3.40	0.15	0.51
OpenHLT_HT350_MHT80	L1_HTT100	1	1	3.40+-0.60	4.67	0.15	0.70
OpenHLT_HT350_MHT70	L1_HTT100	1	1	4.88+-0.72	6.15	0.15	0.92
OpenHLT_HT250_MHT90	L1_HTT100	1	1	3.93+-0.65	6.68	0.15	1.00
OpenHLT_HT300_MHT80	L1_HTT100	1	1	5.31+-0.75	7.64	0.15	1.15
OpenHLT_HT450_Nj5	L1_HTT100	1	1	2.44+-0.51	xxx	0.15	4.54
OpenHLT_HT400_Nj5	L1_HTT100	1	1	4.24+-0.67	11.46	0.15	1.72
OpenHLT_HT350_Nj5	L1_HTT100	1	1	6.37+-0.82	13.16	0.15	1.97
OpenHLT_HT500	L1_HTT100	1	1	7.85+-0.91	18.46	0.15	2.77

**1E33 HT\_MHTsuite (MHT w/  $|\eta|<5$ )**

[▣ show HT\\_MHTsuite](#) [▣ hide](#)

HT\_MHTsuite

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	Total Rate [Hz]	Avg. Size [MB]	Total Throughput [MB/s]
OpenHLT_HT250_MHT100	L1_HTT100	1	1	1.59+-0.41	1.59	0.15	0.24
OpenHLT_HT300_MHT90	L1_HTT100	1	1	2.55+-0.52	2.55	0.15	0.38
OpenHLT_HT350_MHT80	L1_HTT100	1	1	2.97+-0.56	3.93	0.15	0.59
OpenHLT_HT350_MHT70	L1_HTT100	1	1	4.35+-0.68	5.31	0.15	0.80
OpenHLT_HT250_MHT90	L1_HTT100	1	1	3.08+-0.57	5.84	0.15	0.88
OpenHLT_HT300_MHT80	L1_HTT100	1	1	4.77+-0.71	6.68	0.15	1.00
OpenHLT_HT400_Nj5	L1_HTT100	1	1	4.24+-0.67	10.61	0.15	1.59
OpenHLT_HT500	L1_HTT100	1	1	7.85+-0.91	16.02	0.15	2.40

**1E33 HT\_MHTsuite (MHT w/ min ( $|\eta|<3,|\eta|<5$ ))**

[▣ show HT\\_MHTsuite](#) [▣ hide](#)

HT\_MHTsuite

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	Total Rate [Hz]	Avg. Size [MB]	Total Throughput [MB/s]
OpenHLT_HT250_MHT100	L1_HTT100	1	1	1.59+-0.41	1.59	0.15	0.24
OpenHLT_HT300_MHT90	L1_HTT100	1	1	2.44+-0.51	2.44	0.15	0.37
OpenHLT_HT350_MHT80	L1_HTT100	1	1	2.86+-0.55	3.71	0.15	0.56
OpenHLT_HT350_MHT70	L1_HTT100	1	1	4.24+-0.67	5.09	0.15	0.76
OpenHLT_HT250_MHT90	L1_HTT100	1	1	2.97+-0.56	5.62	0.15	0.84
OpenHLT_HT300_MHT80	L1_HTT100	1	1	4.56+-0.70	6.47	0.15	0.97
OpenHLT_HT400_Nj5	L1_HTT100	1	1	4.24+-0.67	10.40	0.15	1.56
OpenHLT_HT500	L1_HTT100	1	1	7.85+-0.91	15.81	0.15	2.37

**1E33 HT\_MHTscan**
 show HT\_MHTscan  hide

HT\_MHTscan

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]	Total Rate [Hz]	Avg. Size [MB]	Total Throughput [MB/s]
OpenHLT_HT250_MHT100	L1_HTT100	1	1	1.59+0.41	1.59	0.15	0.24
OpenHLT_HT300_MHT90	L1_HTT100	1	1	2.55+0.52	2.55	0.15	0.38
OpenHLT_HT350_MHT80	L1_HTT100	1	1	2.97+0.56	3.93	0.15	0.59
OpenHLT_HT350_MHT70	L1_HTT100	1	1	4.35+0.68	5.31	0.15	0.80
OpenHLT_HT250_MHT90	L1_HTT100	1	1	3.08+0.57	5.84	0.15	0.88
OpenHLT_HT300_MHT80	L1_HTT100	1	1	4.77+0.71	6.68	0.15	1.00
OpenHLT_HT350_MHT30	L1_HTT100	1	1	26.84+-1.69	29.18	0.15	4.38
OpenHLT_HT350_MHT40	L1_HTT100	1	1	19.52+-1.44	29.18	0.15	4.38
OpenHLT_HT350_MHT50	L1_HTT100	1	1	12.52+-1.15	29.18	0.15	4.38
OpenHLT_HT350_MHT60	L1_HTT100	1	1	7.43+-0.89	29.18	0.15	4.38
OpenHLT_HT400_MHT30	L1_HTT100	1	1	16.34+-1.32	29.18	0.15	4.38
OpenHLT_HT400_MHT40	L1_HTT100	1	1	11.99+-1.13	29.18	0.15	4.38
OpenHLT_HT400_MHT50	L1_HTT100	1	1	8.17+-0.93	29.18	0.15	4.38
OpenHLT_HT400_MHT60	L1_HTT100	1	1	5.31+-0.75	29.18	0.15	4.38
OpenHLT_HT450_MHT30	L1_HTT100	1	1	8.38+-0.94	29.18	0.15	4.38
OpenHLT_HT450_MHT40	L1_HTT100	1	1	6.26+-0.81	29.18	0.15	4.38
OpenHLT_HT450_MHT50	L1_HTT100	1	1	4.99+-0.73	29.18	0.15	4.38
OpenHLT_HT450_MHT60	L1_HTT100	1	1	3.08+-0.57	29.18	0.15	4.38
OpenHLT_HT500_MHT30	L1_HTT100	1	1	5.62+-0.77	29.18	0.15	4.38
OpenHLT_HT500_MHT40	L1_HTT100	1	1	4.35+-0.68	29.18	0.15	4.38
OpenHLT_HT500_MHT50	L1_HTT100	1	1	3.29+-0.59	29.18	0.15	4.38
OpenHLT_HT500_MHT60	L1_HTT100	1	1	2.23+-0.49	29.18	0.15	4.38
OpenHLT_HT400_Nj5	L1_HTT100	1	1	4.24+-0.67	30.88	0.15	4.63

# 1e33 table (5May table, deployed ~ May 30th)

## 1.0E33

show HT  hide

HT

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]
HLT_HT150_AlphaT0p60_v3	L1_HTT75	1	0	0+-0.02
HLT_HT200_AlphaT0p53_v2	L1_HTT100	1	2	6.49+-0.04
HLT_HT200_AlphaT0p60_v3	L1_HTT75	1	1	1.91+-0.02
HLT_HT250_AlphaT0p53_v2	L1_HTT100	1	1	3.57+-0.03
HLT_HT250_AlphaT0p54_v2	L1_HTT100	1	1	2.11+-0.02
HLT_HT300_AlphaT0p52_v3	L1_HTT100	1	1	2.34+-0.02
HLT_HT300_AlphaT0p53_v2	L1_HTT100	1	1	1.09+-0.02
HLT_HT350_AlphaT0p51_v3	L1_HTT100	1	1	2.83+-0.02
HLT_HT350_AlphaT0p53_v3	L1_HTT100	1	1	0.37+-0.01
HLT_HT400_AlphaT0p51_v3	L1_HTT100	1	1	1.24+-0.02
HLT_R014_MR150_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	140	0.50+-0.01
HLT_R014_MR450_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	1	2.75+-0.02
HLT_R020_MR350_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	1	2.34+-0.02
OpenHLT_R025_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	3.03+-0.03
OpenHLT_R017_MR450_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.37+-0.02
OpenHLT_R023_MR350_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.12+-0.02
OpenHLT_R029_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.09+-0.02
OpenHLT_R033_MR200_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	0.69+-0.01
HLT_R014_MR150_v1	L1_DoubleJet36_Central	1	1000	1.03+-0.01
HLT_R025_MR150_v1	L1_DoubleJet36_Central	1	151	1.30+-0.02
HLT_R020_MR150_v1	L1_DoubleJet36_Central	1	602	0.81+-0.01
HLT_R020_MR500_v1	L1_DoubleJet36_Central	1	1	2.42+-0.02
HLT_R025_MR400_v1	L1_DoubleJet36_Central	1	1	2.20+-0.02
HLT_R033_MR300_v1	L1_DoubleJet36_Central	1	1	1.13+-0.02
HLT_R038_MR200_v1	L1_DoubleJet36_Central	1	1	2.97+-0.02
HLT_R020_MR550_v1	L1_DoubleJet36_Central	1	1	1.35+-0.02
HLT_R025_MR450_v1	L1_DoubleJet36_Central	1	1	1.05+-0.01
HLT_R033_MR350_v1	L1_DoubleJet36_Central	1	1	0.47+-0.01
HLT_R038_MR250_v1	L1_DoubleJet36_Central	1	1	0.92+-0.01
HLT_DiJet130_PT130_v2	L1_SingleJet68	1	1	2.24+-0.02
HLT_DiJet160_PT160_v2	L1_SingleJet92	1	1	0.63+-0.01
HLT_HT300_PFMHT55_v2	L1_HTT100	1	15	0.27+-0.01
HLT_HT300_CentralJet30_BTagIP_v2	L1_HTT100	1	21	0.57+-0.01
HLT_HT300_CentralJet30_BTagIP_PFMHT55_v2	L1_HTT100	1	1	0.70+-0.01
HLT_HT300_CentralJet30_BTagIP_PFMHT75_v2	L1_HTT100	1	1	0.24+-0.01
HLT_HT250_DoubleDisplacedJet60_v3	L1_HTT100	1	1	2.23+-0.02
HLT_HT250_DoubleDisplacedJet60_PromptTrack_v4	L1_HTT100	1	1	0.00+-0.00
HLT_HT150_v4	L1_HTT50	1	5000	0.30+-0.01
HLT_HT200_v4	L1_HTT75	1	600	0.84+-0.01
HLT_HT250_v4	L1_HTT100	1	200	1.01+-0.01
HLT_HT250_MHT60_v4	L1_HTT100	1	700	0.03+-0.00

HLT_HT250_MHT70_v1	L1_HTT100	1	1	12.81+-0.05
OpenHLT_HT250_MHT80	L1_HTT100	1	1	7.04+-0.04
HLT_HT300_v5	L1_HTT100	1	200	0.46+-0.01
HLT_HT350_v4	L1_HTT100	1	70	0.64+-0.01
HLT_HT400_v4	L1_HTT100	1	35	0.66+-0.01
HLT_HT450_v4	L1_HTT100	1	25	0.53+-0.01
HLT_HT500_v4	L1_HTT100	1	1	7.73+-0.04
HLT_HT550_v4	L1_HTT100	1	1	4.71+-0.03
<b>Total</b>	<b>Rate (AICa not included) [Hz]</b>	<b>Throughput (AICa included) [MB/s]</b>		
HLT	44.78+-0.10	6.72+-0.01		

## 1.4E33

show HT  hide

HT

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]
HLT_HT150_AlphaT0p60_v3	L1_HTT75	1	0	0+-0.06
HLT_HT200_AlphaT0p53_v2	L1_HTT100	1	3	5.80+-0.11
HLT_HT200_AlphaT0p60_v3	L1_HTT75	1	1	2.59+-0.07
HLT_HT250_AlphaT0p53_v2	L1_HTT100	1	1	4.72+-0.10
HLT_HT250_AlphaT0p54_v2	L1_HTT100	1	1	2.81+-0.08
HLT_HT300_AlphaT0p52_v3	L1_HTT100	1	1	3.03+-0.08
HLT_HT300_AlphaT0p53_v2	L1_HTT100	1	1	1.45+-0.05
HLT_HT350_AlphaT0p51_v3	L1_HTT100	1	1	3.67+-0.09
HLT_HT350_AlphaT0p53_v3	L1_HTT100	1	1	0.48+-0.03
HLT_HT400_AlphaT0p51_v3	L1_HTT100	1	1	1.56+-0.06
HLT_R014_MR150_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	210	0.47+-0.03
HLT_R014_MR450_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	1	3.67+-0.09
HLT_R020_MR350_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	1	3.08+-0.08
OpenHLT_R025_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	4.01+-0.09
OpenHLT_R017_MR450_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.83+-0.06
OpenHLT_R023_MR350_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.42+-0.05
OpenHLT_R029_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.36+-0.05
OpenHLT_R033_MR200_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	0.85+-0.04
HLT_R014_MR150_v1	L1_DoubleJet36_Central	1	1500	0.90+-0.04
HLT_R025_MR150_v1	L1_DoubleJet36_Central	1	302	0.81+-0.04
HLT_R020_MR150_v1	L1_DoubleJet36_Central	1	903	0.79+-0.04
HLT_R020_MR500_v1	L1_DoubleJet36_Central	1	1	3.07+-0.08
HLT_R025_MR400_v1	L1_DoubleJet36_Central	1	1	2.80+-0.08
HLT_R033_MR300_v1	L1_DoubleJet36_Central	1	1	1.48+-0.05
HLT_R038_MR200_v1	L1_DoubleJet36_Central	1	1	3.98+-0.09
HLT_R020_MR550_v1	L1_DoubleJet36_Central	1	1	1.71+-0.06
HLT_R025_MR450_v1	L1_DoubleJet36_Central	1	1	1.29+-0.05
HLT_R033_MR350_v1	L1_DoubleJet36_Central	1	1	0.58+-0.03
HLT_R038_MR250_v1	L1_DoubleJet36_Central	1	1	1.22+-0.05
HLT_DiJet130_PT130_v2	L1_SingleJet68	1	20	0.18+-0.02



HLT_DiJet160_PT160_v2	L1_SingleJet92	1	1	0.87+-0.04
HLT_HT300_PFMHT55_v2	L1_HTT100	1	15	0.35+-0.03
HLT_HT300_CentralJet30_BTagIP_v2	L1_HTT100	1	35	0.48+-0.03
HLT_HT300_CentralJet30_BTagIP_PFMHT55_v2	L1_HTT100	1	1	0.93+-0.04
HLT_HT300_CentralJet30_BTagIP_PFMHT75_v2	L1_HTT100	1	1	0.31+-0.03
HLT_HT250_DoubleDisplacedJet60_v3	L1_HTT100	1	1	2.98+-0.08
HLT_HT250_DoubleDisplacedJet60_PromptTrack_v4	L1_HTT100	1	1	0.00+-0.00
HLT_HT150_v4	L1_HTT50	1	5000	0.39+-0.03
HLT_HT200_v4	L1_HTT75	1	1000	0.60+-0.05
HLT_HT250_v4	L1_HTT100	1	400	0.66+-0.04
HLT_HT250_MHT60_v4	L1_HTT100	1	700	0.05+-0.01
HLT_HT250_MHT70_v1	L1_HTT100	1	1	16.75+-0.19
OpenHLT_HT250_MHT80	L1_HTT100	1	1	9.19+-0.14
HLT_HT300_v5	L1_HTT100	1	200	0.61+-0.04
HLT_HT350_v4	L1_HTT100	1	140	0.52+-0.03
HLT_HT400_v4	L1_HTT100	1	70	0.51+-0.03
HLT_HT450_v4	L1_HTT100	1	25	0.75+-0.04
HLT_HT500_v4	L1_HTT100	1	15	0.63+-0.03
HLT_HT550_v4	L1_HTT100	1	1	6.38+-0.11
<b>Total</b>		<b>Rate (AICa not included) [Hz]</b>	<b>Throughput (AICa included) [MB/s]</b>	
HLT		51.88+-0.33	7.78+-0.05	

## 2.0E33

show HT  hide

HT

Path Name	L1 condition	L1 Prescale	HLT Prescale	HLT Rate [Hz]
HLT_HT150_AlphaT0p60_v3	L1_HTT75	1	0	0.-+0.01
HLT_HT200_AlphaT0p53_v2	L1_HTT100	1	20	1.32+-0.02
HLT_HT200_AlphaT0p60_v3	L1_HTT75	1	1	3.82+-0.04
HLT_HT250_AlphaT0p53_v2	L1_HTT100	1	10	0.74+-0.02
HLT_HT250_AlphaT0p54_v2	L1_HTT100	1	1	4.23+-0.04
HLT_HT300_AlphaT0p52_v3	L1_HTT100	1	10	0.46+-0.01
HLT_HT300_AlphaT0p53_v2	L1_HTT100	1	1	2.17+-0.03
HLT_HT350_AlphaT0p51_v3	L1_HTT100	1	10	0.54+-0.01
HLT_HT350_AlphaT0p53_v3	L1_HTT100	1	1	0.73+-0.02
HLT_HT400_AlphaT0p51_v3	L1_HTT100	1	1	2.48+-0.03
HLT_R014_MR150_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	140	1.00+-0.02
HLT_R014_MR450_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	200	0.03+-0.00
HLT_R020_MR350_CentralJet40_BTagIP_v2	L1_DoubleJet36_Central	1	200	0.03+-0.00
OpenHLT_R025_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	200	0.03+-0.00
OpenHLT_R017_MR450_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	2.73+-0.03
OpenHLT_R023_MR350_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	2.24+-0.03
OpenHLT_R029_MR250_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	2.17+-0.03
OpenHLT_R033_MR200_CentralJet40_BTagIP	L1_DoubleJet36_Central	1	1	1.37+-0.02
HLT_R014_MR150_v1	L1_DoubleJet36_Central	1	2000	1.01+-0.02

HLT_R025_MR150_v1	L1_DoubleJet36_Central	1	453	0.88+-0.02
HLT_R020_MR150_v1	L1_DoubleJet36_Central	1	1204	0.81+-0.02
HLT_R020_MR500_v1	L1_DoubleJet36_Central	1	200	0.03+-0.00
HLT_R025_MR400_v1	L1_DoubleJet36_Central	1	200	0.03+-0.00
HLT_R033_MR300_v1	L1_DoubleJet36_Central	1	200	0.01+-0.00
HLT_R038_MR200_v1	L1_DoubleJet36_Central	1	200	0.03+-0.00
HLT_R020_MR550_v1	L1_DoubleJet36_Central	1	1	2.70+-0.03
HLT_R025_MR450_v1	L1_DoubleJet36_Central	1	1	2.11+-0.03
HLT_R033_MR350_v1	L1_DoubleJet36_Central	1	1	0.95+-0.02
HLT_R038_MR250_v1	L1_DoubleJet36_Central	1	1	1.83+-0.03
HLT_DiJet130_PT130_v2	L1_SingleJet68	10	3	0.23+-0.01
HLT_DiJet160_PT160_v2	L1_SingleJet92	1	1	1.26+-0.02
HLT_HT300_PFMHT55_v2	L1_HTT100	1	15	0.55+-0.02
HLT_HT300_CentralJet30_BTagIP_v2	L1_HTT100	1	42	0.57+-0.02
HLT_HT300_CentralJet30_BTagIP_PFMHT55_v2	L1_HTT100	1	1	1.39+-0.02
HLT_HT300_CentralJet30_BTagIP_PFMHT75_v2	L1_HTT100	1	1	0.48+-0.01
HLT_HT250_DoubleDisplacedJet60_v3	L1_HTT100	1	100	0.05+-0.00
HLT_HT250_DoubleDisplacedJet60_PromptTrack_v4	L1_HTT100	1	1	0.00+-0.00
HLT_HT150_v4	L1_HTT50	10	500	0.60+-0.01
HLT_HT200_v4	L1_HTT75	1	1500	0.63+-0.02
HLT_HT250_v4	L1_HTT100	1	800	0.50+-0.01
HLT_HT250_MHT60_v4	L1_HTT100	1	700	0.07+-0.01
HLT_HT250_MHT70_v1	L1_HTT100	1	200	0.13+-0.01
OpenHLT_HT250_MHT80	L1_HTT100	1	1	14.08+-0.08
HLT_HT300_v5	L1_HTT100	1	400	0.47+-0.01
HLT_HT350_v4	L1_HTT100	1	210	0.42+-0.01
HLT_HT400_v4	L1_HTT100	1	105	0.44+-0.01
HLT_HT450_v4	L1_HTT100	1	50	0.53+-0.01
HLT_HT500_v4	L1_HTT100	1	25	0.58+-0.02
HLT_HT550_v4	L1_HTT100	1	1	9.42+-0.06
<b>Total</b>		<b>Rate (AICa not included) [Hz]</b>	<b>Throughput (AICa included) [MB/s]</b>	
HLT		43.46+-0.13	6.52+-0.02	

-- RobertoRossin - 27-May-2011

This topic: [Sandbox > TriggerMenuDevelopment](#)

Topic revision: r5 - 2011-06-09 - RobertoRossin



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