

## 8 GEV System Guide

<u>CHANNEL</u>	<u>LOCATION</u>	<u>VIDEO</u>	<u>NOTES</u>
2	MI60	Tev RF (53 MHz) not video	
3	MINOS	Tunnel Video	
4	Mini Boone	Monitor Rack	
73 (4+)	TV RM	(SAM) N/V	
5	TV RM	H-Source	
6	TV RM	I-Source	
7	LG1	Booster GMPS	
8	LG1	Spectrometer Mag. NMR	
9	WH-GE	Lab News	Audio
10	LLRF	BOOSTER DAMPER 03	
11	BE-G-12	BOOSTER NOKER	
12	HIL SHOP	Weather	KW039
13	M C R	Ramp Information	beam tone, abort tone, call tone + voice synth
14 (A)	BWG02RR1	Booster Injection Girders	
15(B)	MiBoone	Electronic Racks	
16(C)	LLRF	Booster Damper Scope	
17(D)	LG-1 RR-4-2	Chopper	
18(E)	LLRF	Booster LL Scope 1	
19 (F)	MiBoone	Quads	
20(G)	B. East	Transverse Damper	
21(H)	B. West	Kicker Scope West	
22(I)	B. East	B. East Kicker Scope	
23(J)	MiBoone	Tank Inlet	
24(K)	MiBoone	Tank ManHole	
25(L)	TV RM	Booster Charge-0	
26(M)	B. West	Booster-SWS-B to F	
27(N)	LLRF	Booster Microbunch	
28 (O)	LLRF	Booster Cogging	
29 (P)	BW-G02	Booster Notcher	
30 (Q)	LLRF	Booster Mtn. Range	
31 (R)	LLRF	Booster Bunch Rotation Monitor	
32 (S)	BW-3RR-4	Booster Damper 02	
33 (T)	LIG-109	MTA Exp. Hall	
34 (U)	BW-2	Booster Dump Camera	
35 (V)	G01RR1-3	OR Bump	
36 (W)	BW-G01	Booster RCCW-BRF (Installed 10/17/06)	

**Note: N/V means No Video**

## Tev North System Guide

<u>CHANNEL</u>	<u>LOCATION</u>	<u>VIDEO</u>	<u>NOTES</u>
2	MI60	Tev RF (53MHz) Not Video	
3	CDF	Key Tree	
4	D0	Key Tree	
73 (4+)	TV RM	(SAM) N/V	
5			
6			
7	D0		(catwalk video)
8			
9	WH-GE	Lab News	Audio
10	TV ROOM		
11	TV ROOM		
12	HIL SHOP	Weather	KW039
13	M C R	Ramp, Information	call tone, beam tone, abort tone, voice synth.
14(A)			
15(B)			
16(C)			
17(D)	CDF	CDF Hall Video	
18(E)	TVRM	Pbar Ch – 28 (Debuncher)	
19(F)	TVRM	Pbar Ch – 16 (P-Bar Extraction) JELO	
20(G)			
21(H)			
22(I)	530RM	SBD - TEV	
23(J)			
24(K)			
25(L)	530RM	SBD - MI	
26(M)			
27(N)			
28(O)			
29(P)			
30(Q)			
31(R)	C0	Temp. Pump Room Camera	
32(S)	C0	Temp. Pump Room Camera	
33(T)			
34(U)			
35(V)			
36(W)			

## TeV South System Guide

<u>CHANNEL</u>	<u>LOCATION</u>	<u>VIDEO</u>	<u>NOTES</u>
2	MI60	TeV Rf(53 MHz) Not video	
3	F0	F0 Gate	
4	F0	RF tunnel (upstream)	
73 (4+)	TV RM	(SAM) N/V	
5			
6	E0	BBQ scope	
7	F0	Beam Profiler	
8	F0	Mountain Range	
9	WH-GE	Lab News	Audio
10	TV ROOM		
11	TV ROOM		
12	HIL SHOP	Weather	KW039
13	M C R	Ramp, Information	call tone, beam tone, abort tone, voice synth.
14(A)			
15(B)			
16(C)	MRRF	Homer Simpson Display	
17(D)			
18(E)			
19(F)	E-17	TeV Schottky Scope	
20(G)	E17	TEV Schottky VSA1	
21(H)	F0 South. Rm	P-BAR Injection Kicker	
22(I)			
23(J)	E1	TeV Turn by Turn	
24(K)	F17	E17 Kicker Current	
25(L)	TV RM	Debuncher Beam Display (AP CH.28)	
26(M)	E17	TeV Schottky VSA2	
27(N)			
28(O)			
29(P)			
30(Q)			
31(R)			
32(S)			
33(T)			
34(U)			
35(V)			
36(W)			

## Main Injector System Guide

<u>CHANNEL</u>	<u>LOCATION</u>	<u>VIDEO</u>	<u>NOTES</u>
2	MI60	Tev RF (53mhz)	N/V
3			
4			
73 (4+)	TV RM	(SAM) N/V	
5	MI60	RF hall, downstream	
6	MI60	RF hall, upstream	
7	MI40	flag at dump	
8	MI52	Kicker Current	
9	WH-GE	Lab News	
10	TV ROOM		
11	TV ROOM		
12	HIL SHOP	Weather	KW039
13	M C R	Ramp, Information	abort tone beam tone call tone voice synth.
14 (A)	530RM	MI SBD (TEV North CH 25)	
15 (B)	MI60	MT. Range MI60017	
16 (C)	MI60	Recycler GAP Voltage	
17 (D)	MI60	Recycler rf	
18 (E)	MI60	Bunch Rotation Monitor	
19 (F)	MI31	Key Tree	
20 (G)	MI11	IR Video	
21 (H)	MI21	Rec. Spectrum Analyzer Video	
22 (I)	MI60	Diagnostic Scope MI 60007	
23 (J)	MI20	Diagnostic Scope MI 20113	
24 (K)	MI60	Schottky VSA	
25 (L)	MI60	Schottky Gate	
26 (M)	MI10	Ver. BPM #103	
27 (N)	MI60	P-Bar Injection MT Range MI60024	
28 (O)	MI60	P-Bar Mt. Range #1 MI-60024	
29 (P)	MI60	Scope LLRF MI-60009	
30 (Q)	MI60	Scope LLRF #2 MI 60011	
31 (R)	MI60	Scope LLRF #3 MI 60012	
32 (S)	MI60	Scope LLRF #4 MI 60013	
33 (T)	MI60	TDS 3034 MI 60018	
34 (U)	MI10	Diagnostic Scope MI 10113	
35 (V)	MI11	Spectro Video	
36 (W)	MI30	Diagnostic Scope MI 30113	
37 (AA)	MI40	Diagnostic Scope MI 40113	
38 (BB)	MI50	Diagnostic Scope MI 50113	
39 (CC)	MI60	Diagnostic Scope MI 60210	
40 (DD)	MI21	Rec Network Analyzer Video	
41 (EE)	MI60	Mountain Range MI 60023 Video	
42 (FF)	MI60	RF Gap 1-2	
43 (GG)	MI60	RF Gap 3-4	
44 (HH)	MI60	MI Bunch Rotation MT. Range	
45 (II)	MI60	P-Bar Mt. Range #2 MI 60017	

## Switchyard System Guide

<u>CHANNEL</u>	<u>LOCATION</u>	<u>VIDEO</u>	<u>NOTES</u>
2	MI60	Tev RF (53 MHz)	NV
3			
4			
73(4+)	TV RM	(SAM) N/V	
5	Site 37		
6			
7	TV Room	Booster Mtn. Range ( 8 Gev. CH. 30)	
8	TV Room	Booster Bunch Rotation Monitor ( 8 Gev. CH. 31)	
9	WH-GE	Lab News	Audio
10	TV ROOM		
11	TV ROOM		
12	HIL SHOP	Weather	KW039
13	M C R	Ramp, Information	call tone, beam tone, abort tone, voice synth.
14(A)	SSB		
15(B)	SSB		
16(C)	SSB		
17(D)	SSB		
18(E)	G2		
19(F)	G2		
20(G)			
21(H)			
22(I)			
23(J)	MS1		
24(K)	TVRM	Cheetah System Video	
25(L)	TVRM	Video from TEV North Ch 31	
26(M)	TVRM	Video from TEV North Ch 32	
27(N)	NSO		
28(O)	NS1		
29(P)	NSO		
30(Q)	TV Room	SAM Video Information	
31 (R)	NS1		

## Meson System Guide

<u>CHANNEL</u>	<u>LOCATION</u>	<u>VIDEO</u>	<u>NOTES</u>
2	MI60	MI RF (53 MHz)	NV
3	MAB	Yard Camera	
4			
5			
6			
7	MDB	ILC-MD Key Tree	
8	MC-8	MC-7 Key Tree	
9			
10			
11	TV ROOM		
12	M S 4	MT-6-1 West KEY TREE	
13	M C R	Ramp, Information	beam,abort, call tones, voice synth.
14(A)			
15(B)			
16(C)			
17(D)			
18(E)			
19(F)			
20(G)	MS4	MT-6-2- West Key Tree	
21(H)	MS4	MT-6-1 East Key Tree	
22(I)	MC-7	TPC VME	
23(J)	MC-7	TPC	
24(K)	MC-7	Gas Rack	
25(L)	MC-7	RR-25 VME MC-7	