

Signal & Telecommunication

Designation	Name	Email ID	PO RLY	POBSNL	PR BSNL	Mobile
Sr.DSTE	L.N Sivanath Babu	srdste@md u.railnet.gov.in	72900	2308900	2628901	9003862800
DSTE/SW	SebastianSelvamanickam	dste@mdu.r ailnet.gov.in	72902	2308902		9003862801
ADSTE/MDU	C.Bala Murugan		72904			9003862802
ADSTE/TEN	Gangula Suman		74700	2330322		9003862803

Signal

Availability of Signal Assets										
S.No	Eqpt	Make	A	B	C	D spl	D	E spl	E	
1	EI	Ansaldo		5			1			
		Medha							2	
		Invensys					1			
		Siemens							2	
		Kyson							1	
		Total			5			2		5
2	IPS	Amararaja					19		14	
		Medha		5					2	
		HBL Nife					1		2	
		Statcon		6				13		
		SUKHILA		11				3		
		Total						36		18
3	LED	Sanarti					431			
		GAE		436			2100		1012	
		Power tech		102				525		54
		Konark								
		RT vision						1		198
		URBAN		123				127		13
		Toal			661				3184	

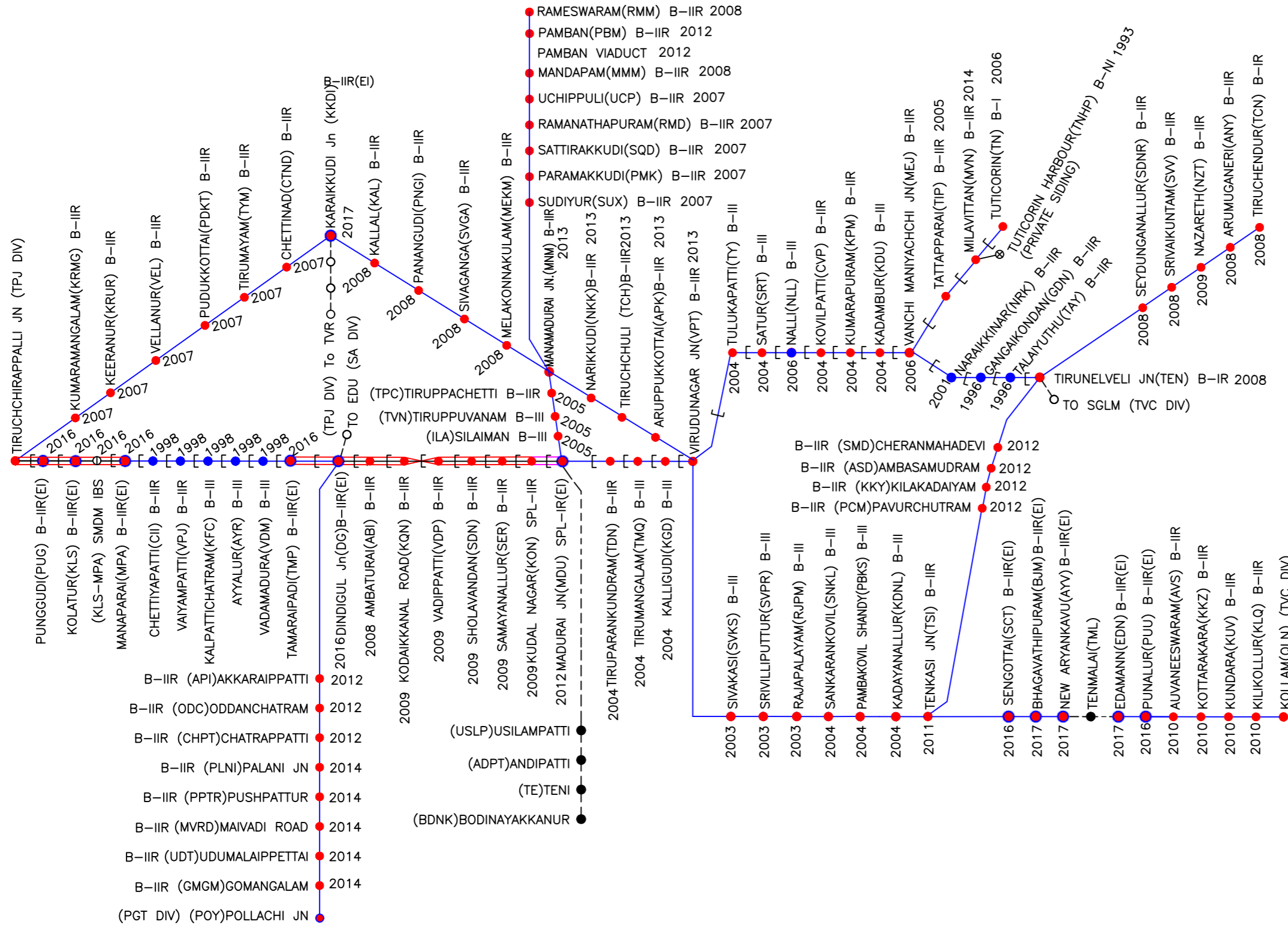
5	Datalogger	Effectronic		11			59		25
		CG							
		HBL Nife							
		Sirveen							2
		Total		11			59		27
6	BPAC	Cel		6			44		20
		GG Tronics					5		10
		Medha		10					
		UAC		16					
		Total					49		30

SIGNALLING SYSTEM MAP

MADURAI DIVISION

AS ON 20-04-2017

TOTAL STATION-100	STD-I (MACL)	STD-IR (MACL)	STD-IIR (MACL)	STD-III (MACL)	IBS	UNDER G/C	TOTAL
TPJ-DG	-	-	7	3	1	-	11
DG-MDU	-	1	6	-	-	-	7
MDU-VPT	-	-	2	2	-	-	4
VPT-MEJ	-	-	3	4	-	-	7
MEJ-TEN	-	1	3	-	-	-	4
TPJ-KKDI	-	-	7	-	-	-	7
KKDI-MNM	-	-	5	-	-	-	5
MDU-MNM	-	-	1	2	-	-	3
MNM-RMM	-	-	8	-	-	-	8
VPT-TSI	-	-	1	6	-	-	7
MEJ-TN-TNHP	1	-	2	-	-	-	3
DG-POY	-	-	8	-	-	-	8
TEN-TSI	-	-	4	-	-	-	4
PUU-QLN	-	-	5	-	-	-	5
TEN-TCN	-	1	4	-	-	-	5
SCT-PUU	-	-	4	-	-	1	5
MNM-VPT	-	-	3	-	-	-	3
MDU-BDNK	-	-	-	-	-	4	4
TOTAL	1	3	73	17	1	5	100



LEGEND

A. LINE

- 1. BG DOUBLE LINE :
- 2. BG SINGLE LINE :
- 3. RE AREA :
- 4. UNDER GC :

B. BLOCK WORKING

- 1. DOUBLE LINE SGE :
- 2. SINGLE LINE TOKEN :
- 3. SINGLE LINE T/LESS :
- 4. CON: TRACK CIRCUITS :

C. CLASS/STD OF INTERLOCKING

CLASS A,B,C,D,DK,SPL-STD I,IR,II,III
 EXAMPLE-CLASS'B',STDIII READ AS B-III

D. TYPE OF SIG: & OPERATION

- 1. MACL RRI :
- 2. MACL SSI :
- 3. MACL CENTRAL PANEL :
- 4. IBS :
- 5. HALT/DK/NI/NON SIG. :

Exchange Details

Sl.No	Location	Type of Exchange	Date of Installation
1	Madurai	Seimens Hipath-4300 V-5.0	2010 Mar
2	Dindugul	Seimens Hipath 4300-V-5.0	2011 Jun
3	Kovilpattai	Seimens Hipath- 4000-V-1	2003 Sep
4	Punalur	Seimens Hipath- 4300-V-3	2007 Feb
5	Rameswaram	Flexicom-400 Tadiran Coral	2004
6	Sengottai	Seimens Hipath 4300 V-3	2008
7	Tirunelveli	Seimens Hipath- 4300-V.5	2012 Jun
8	Tutucorin	Seimens Hipath- 4300-V-5	2011Sep
9	Virudunagar	Seimens Hipath 4300-V.5	2011 Jun

FOIS Loaction MDU Division

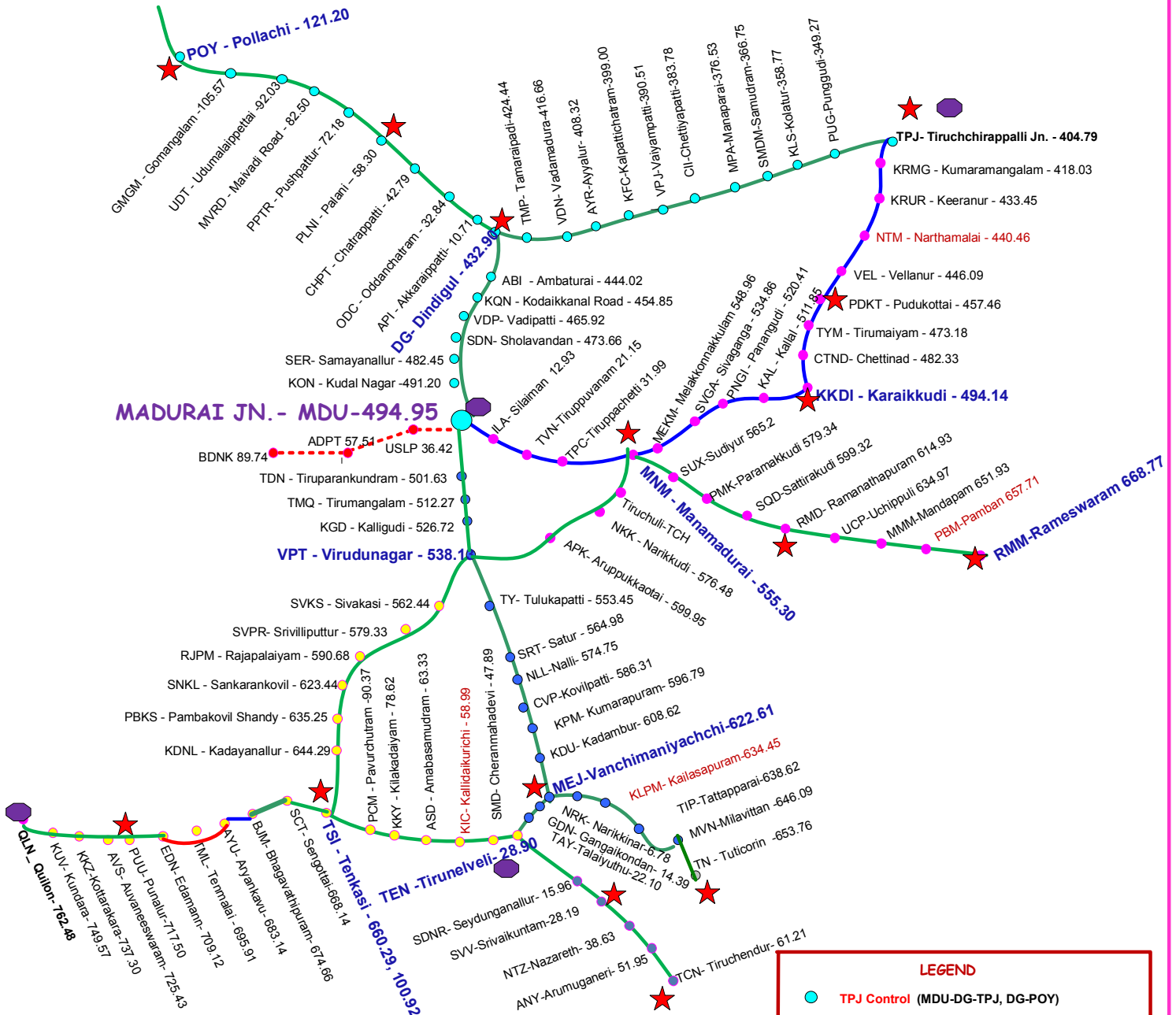
SL.No	Connectivity	Total Number of Location	Locations
1	FOIS(TMS&RMS)	12	MDU, TNHP, SPIC, TAY, TEN, MVN-2, KON, TY, VPT, DG, MNM
2	COIS/FOIS	6	MDU-4 & TEN-2
3	CMS	2	MDU, TEN
4	Weighing Bridge	1	MVN

Media Of Communication

SL.No	Media Of Communication	Section
1	OFC with 6 Quad cable	TPJ-DG-MDU, MDU-MEJ-TEN-TN, MDU-MNM-RMM, TEN-TCN,TEN-TSI, TSI-SCT,PUU-QLN, PUU-EDN,SCT-BJM, DG-PLNI , MNM-VPT,VPT-SVPR-TSI, PLNI-POY
2	6/4 Quad Cable only	KKDI-MNM, KKDI-TPJ



MADURAI DIVISION Control Map



LEGEND		
●	TPJ Control (MDU-DG-TPJ, DG-POY)	
●	RMM Control (MDU-RMM, MNM-KKDI-TPJ, MNM-VPT)	
●	QLN Control (TEN-TSI-SCT, TSI-QLN, VPT-TSI)	
●	TN Control (MDU-MEJ-TN-TEN, TEN-TCN)	
—	OFC - RLY	— 6/4 QUAD - RLY
—	OH - RLY	— OH - BSNL
★	RP - RLY	● STM-16 Prot
		★ RP - BSNL

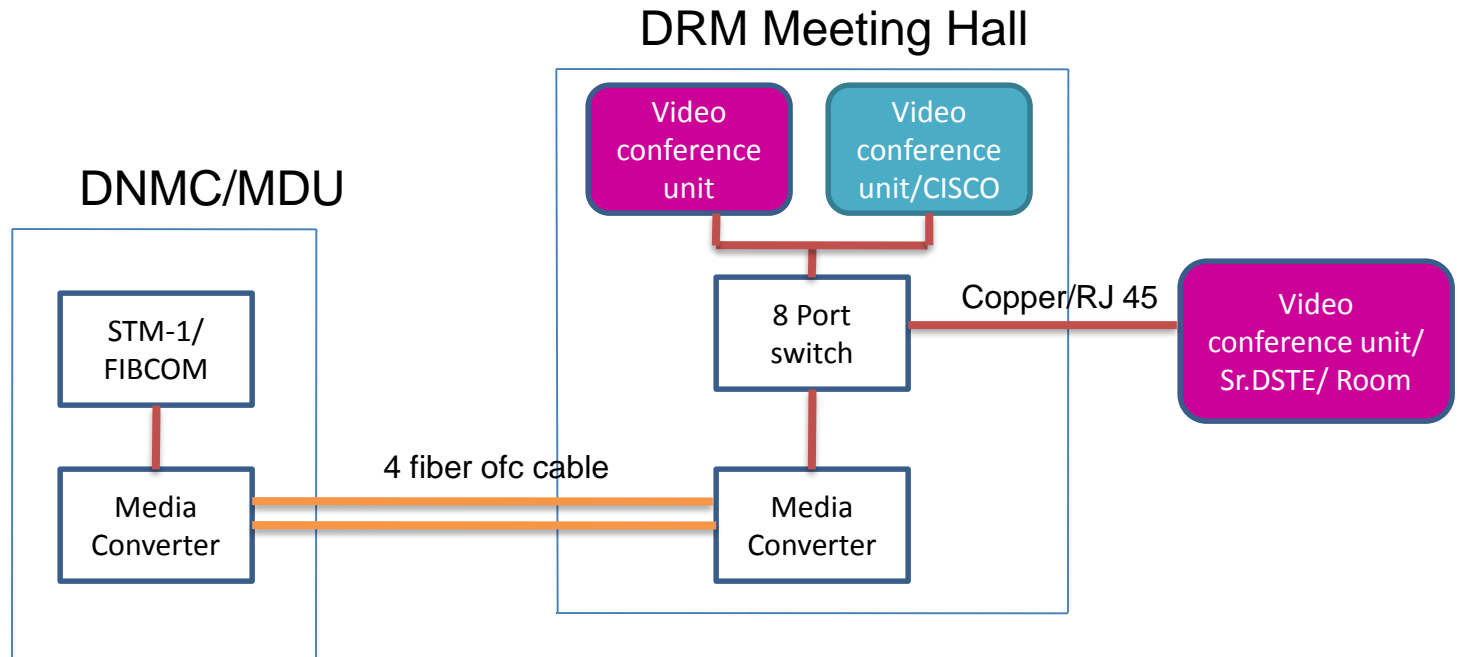
Madurai Division
Section Controls - As on 14.4.2017

NO	Name of the CONTROL	Section	Route	Control working Media	Block working Media	RKM	Total Control Sec working		
								BSNL	OFC
1	TPJ	MDU-DG-TPJ	B	OFC	6-Quad	160.09	281.29		TPJ
		DG-PLNI	E	OFC	6 Quad	58.30			
		PLNI-POY	E	OFC	6-Quad	62.90			PLNI
2	RMM	MDU-RMM	D	OFC	6-Quad	161.49	434.81		RMM,RMD,
		MNM-KKDI	D	Quad	6-Quad	61.16			KKDI,PDKT,MNM
		KKDI-TPJ	D	Quad		84.35			
		MNM-VPT	E	OFC	6- Quad	66.55			
		TEN-TCN	D	OFC	6- Quad	6121			TCN,SVV
	QLN	VPT-TSI	D	OFC	6-Quad	122.16	296.35		
		TSI-TEN	E	OFC	6- Quad	72.02			TEN,TSI
		TSI-SCT	E	OFC	6-Quad	7.83			PUU
		SCT-AYU	E	OFC/Quad	6-Quad	15.00			
		AYU-PUU	E	BSNL	BSNL	34.36			
		PUU-QLN	E	OFC	6-Quad	44.98			QLN
3	TN	MDU-MEJ- TN-TEN	D	OFC	6-Quad	187.7	187.7	TN,MEJ	TEN
	NON -Control	MDU-BDNK *	S 3		BSNL	89.74			
Total number of stations- 139 (opt) 135 (Commercial) Total number of Block stations- 101									

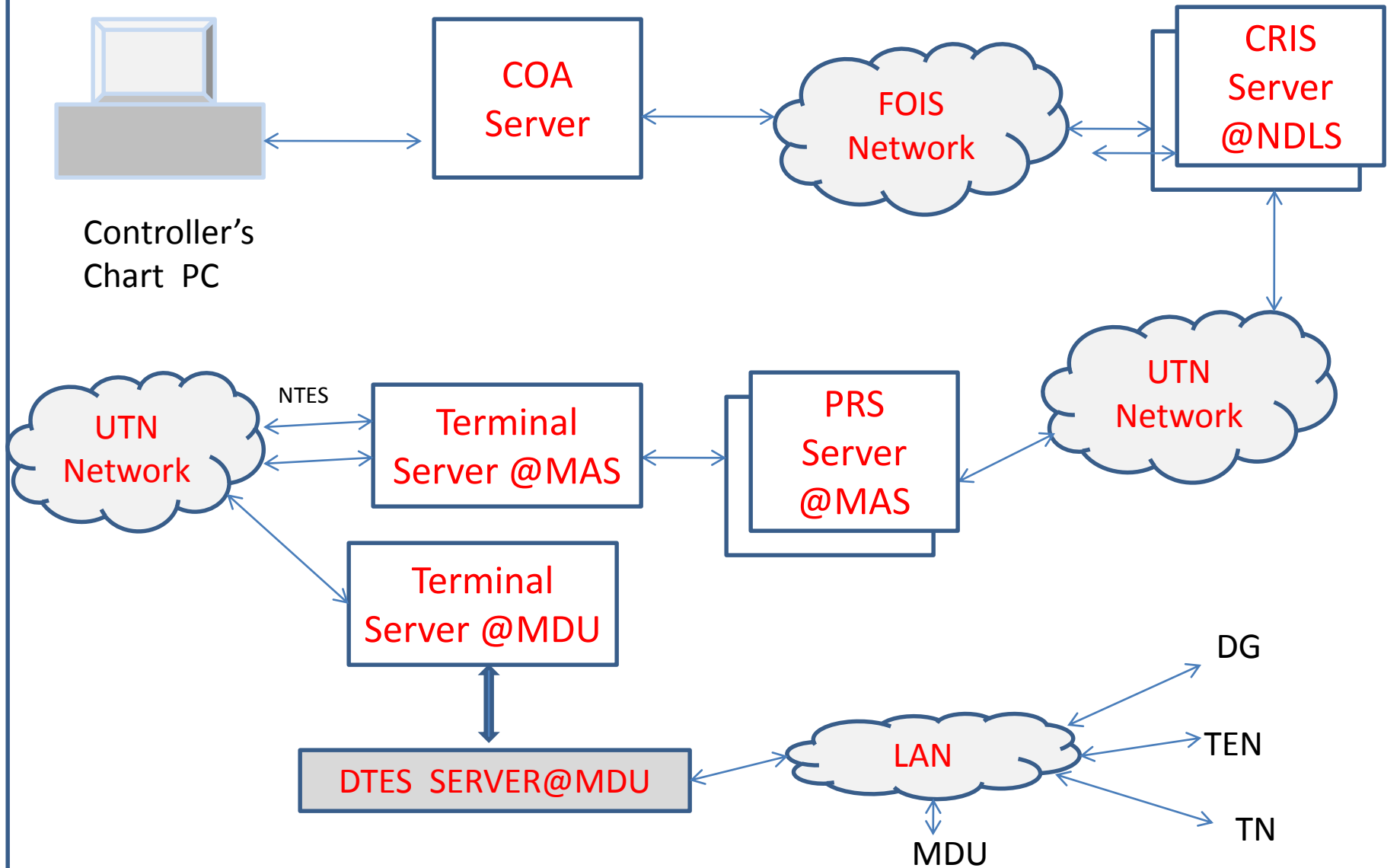


GM-DRM Video conferencing

- Existing unit
- New GM/DRM unit



NTES CONNECTIVITY FOR TOUCH SCREEN & PLASMA SYSTEM



Existing Railnet Network-Madurai Division

