



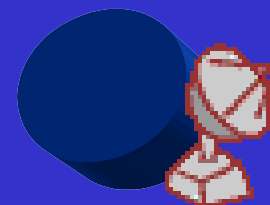
# ***History***



**1st Battalion of Crown Representative Police was raised on 27/07/1939 at Neemuch with its four service and one Hqr coys. To facilitate communication of new born Battalion with higher ups and lower formation, Radio equipments disposed off after second world war were provided to the Force.**

**A post of Police Radio Officer (PRO) was created during 1965 with HQrs at Neemuch to Supervise Communication of the Force which then consisted of 20 BNs. 1 Signal BN was also raised during this year.**

**The post of PRO was subsequently renamed as Wireless Advisor (WA), then DD (Communication) and now as DIG (Communication).**



# ROLE OF CRPF SIGNALS

The CRPF Signals is responsible to provide **effective & efficient communication** for the force deployed in multifarious role. It **effectively manages the Wide area Network** of CRPF connecting Directorate General to Group Centre. It provides **all types of training** pertaining to Signal personnel, **technical evaluation & procurement** of all modern radio equipments/communication gadgets, **repairs and maintenance** of all kinds of radio equipments, **frequency allotment** and Cipher uses in the Force.

# ORGANISATION OF CRPF SIGNALS

**DIRECTOR GENERAL**

**IGP(PROV&COMN)**

**DIG  
(COMN)**

**DIG  
(TECH)**

**DIG  
(IT)**

**DIG  
(EQPT)**

**DIG  
(Range)**

**DIG/  
Principal  
(CTCT&IT)**

**Comdt (Staff)**

**1 SIGNAL  
JIKALAN**

**2 SIGNAL  
HYDERABAD**

**3 SIGNAL  
KOLKATA**

**4 SIGNAL  
NEEMUCH**

**5 SIGNAL  
CHANDIGARH**

**CTC(T & IT)  
RANCHI**

# ORGANISATION OF A CTC(T&IT)

**DIG  
(Principal)**

**2-I/C  
(Vice Principal)**

**Training Wing**

**ADM Wing**

**DC  
Faculty of  
Comm.Engg.  
(FCE)**

**AC  
Faculty of  
Field Comn.  
(FFC)**

**AC  
Faculty of  
Cryptography  
(FC)**

**AC  
Faculty of  
Info.Tech.  
(FIT)**

**AC  
Hq Coy  
QM/MTO**

**DC  
Estt Br.**

**DC  
Accts  
Br**

**Pursuit of Excellence**

# TRAINING COURSES RUN AT CTC (T & IT)

CATEGORY	COURSE	DURATION IN WEEKS	CAPA CITY	NO. OF COURSE / YEAR
OPERATOR	1. RADIO OPERATOR BASIC COURSE	37	60	6
	2. RADIO OPERATOR UPGRADING COURSE	20	100	2
CIPHER	1. PBCC(DEPT)	26	175	1
	2. CIPHER UPGRADING COURSE	16	9	1
TECHNICAL	1. BASIC RADIO TECHNICIAN (DIRECT)	44	-	1
	2. BASIC RADIO MECHANIC (DEPT)	32	45	1
	3. RADIO MECHANIC UPGRADING COURSE	18	16	1
	4. BEST (RM)	3	15	1
	5 RADIO FITTER (BASIC)	20	65	1
	6.UPGRADATION COURSE FOR HC/RF	10	11	1
DRAFTS MAN	1. BASIC DM COURSE	15	7	-
	2. DM UPGRADATION COURSE	4	6	-
MISC.	1. SO'S REFRESHER COURSE	04	20	4
	2. DASO (SI/RO/CRY/TECH)	25	-	1

# TRAINING COURSES RUN AT CTC (T & IT)

CATEGORY	COURSE	DURATION IN WEEKS	CAPACITY	NO. OF COURSES PER YEAR
CAREER	1. SUOCC (RO) *	8	60	2
	2. SUOCC (CRY/RF)*	8	60	1
	3. SSIC(RO/CRY/TECH/DM)*	12	111	1
	4. SASI(TECH) *	8	54	1
OFFICERS	1. GOs TECH COURSE	22	-	1

- \*    **SUOCC**        -    **SENIOR UNDER OFFICER'S CADRE COURSE**  
       **SSIC**         -    **SENIOR SUB-INSPECTOR'S CADRE COURS**  
       **SASI(TECH)** -    **SENIOR ASST. SUB-INSPECTOR'S CADRE COURSE**

# TRAINING COURSES RUN AT CTC (T & IT)

## Specialized Courses:

	<b><i>Duration in Weeks</i></b>	<b><i>No. of Courses per year</i></b>
<b><i>1. Senior Officers T &amp; ITFC</i></b>	<b><i>1</i></b>	<b><i>1</i></b>
<b><i>2. Computer Course for Officers</i></b>	<b><i>2</i></b>	<b><i>6</i></b>
<b><i>3. Generator Course</i></b>	<b><i>10</i></b>	<b><i>1</i></b>
<b><i>4. Computer Course for Min. staff</i></b>	<b><i>4</i></b>	<b><i>5</i></b>
<b><i>5. Computer Course for Signal Personnel</i></b>	<b><i>3</i></b>	<b><i>5</i></b>
<b><i>6. DBA for Signal Personnel</i></b>	<b><i>3</i></b>	<b><i>5</i></b>
<b><i>7. Communication training for Karnataka police</i></b>	<b><i>24</i></b>	<b><i>1</i></b>

**TOTAL TYPES OF COURSES - 26**

**TOTAL NO OF COURSES RUN - 53**

# ***EXISTING SIGNAL COMMUNICATIONS MODES***

The background of the slide is a composite image. The top half shows two communication satellites in space, each with large, rectangular solar panel arrays. The bottom half shows the curved horizon of the Earth, with a blue and white cloud-covered surface. The overall color scheme is dominated by blues and oranges.

## ➤ **Wireless**

- ✓ VHF
- ✓ HF
- ✓ BEST

## ➤ **Leased Line**

- ✓ Intranet SELO

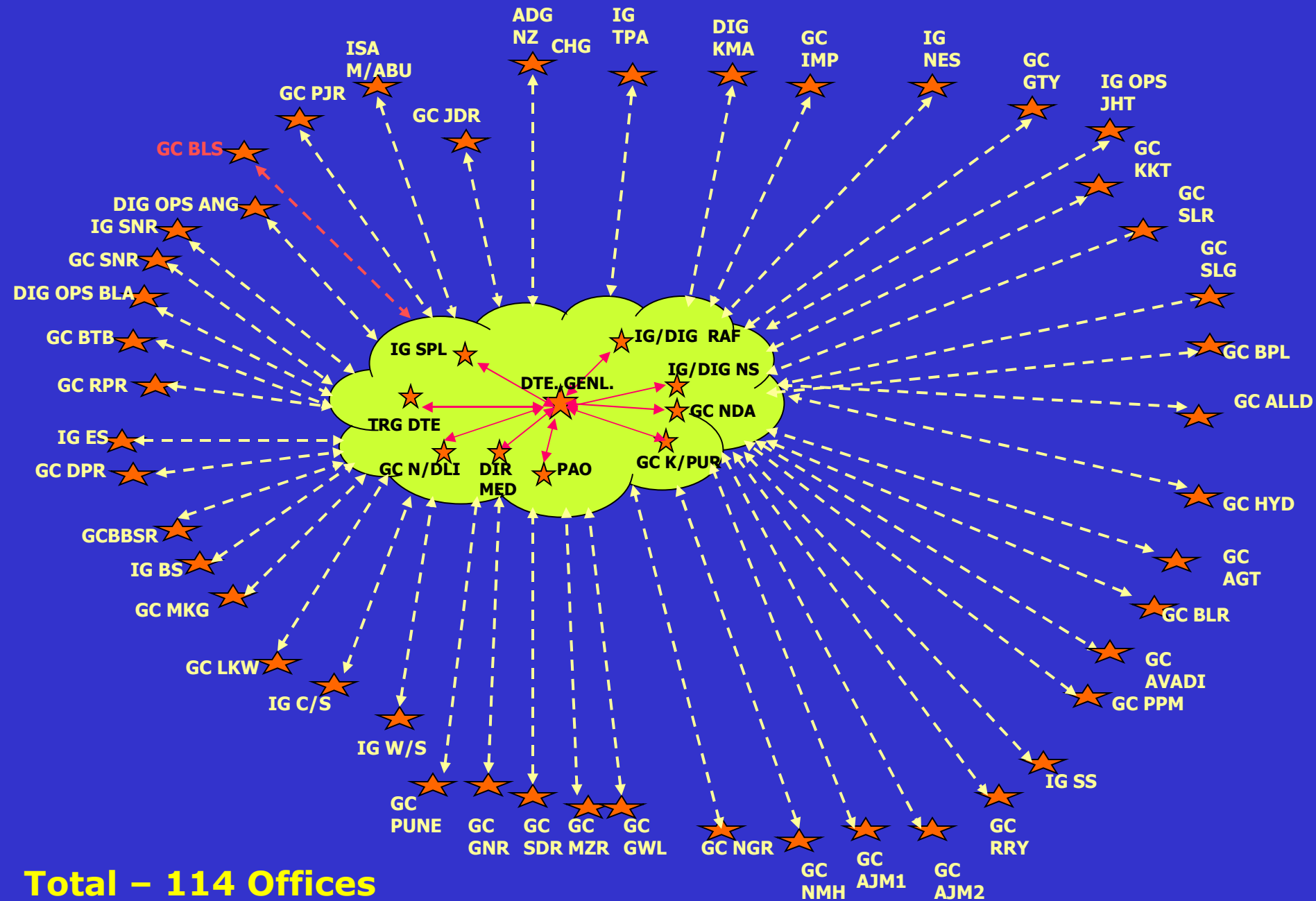
## ➤ **Satellite Communication**

- ✓ POLNET
- ✓ V-Sat Phone

## ➤ **Intercom**



# SCHEMATIC VIEW OF THE SELO NETWORK



**Total – 114 Offices**