

Vision

PAN-INDIA DIGITAL HIGHWAY FOR PUBLIC PROTECTION AND DISASTER RELIEF (PPDR) COMMUNICATIONS.

"73 Years young and going strong"

DCPW or the Directorate of Coordination Police Wireless was setup on 19th of February 1946.

In those days, when the Long Distance Communication wasn't as developed as it is now, the DCPW was supposed to establish Inter-State Long Distance Communication to facilitate effective Communication across India from Leh to Andaman to Lakshadweep!

Assured and Seamless Communication during emergencies between the Centre and the States and UTs, as well as, the Public Protection and Disaster Responses (PPDR) agencies for early and effective mitigation of distress when conventional communication systems fail and provision of early succour to those in distress, is the core mandate of DCPW.

DCPW specializes in

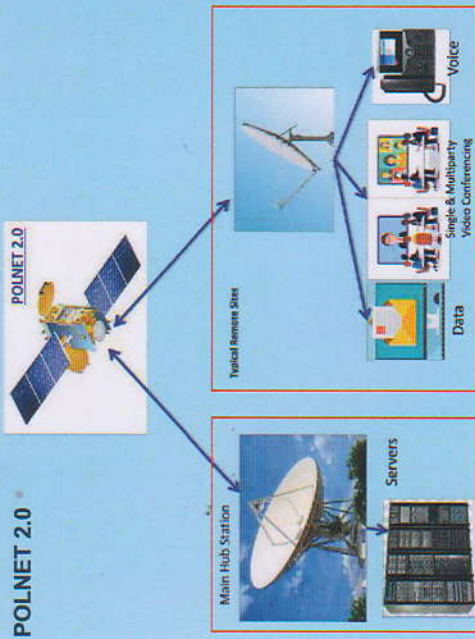
- Long Distance Communication
- Satellite Communication
- Secret Communication Protocols
- Preparing National Communication Standards
- Setting up National Syllabus for the Training in Communications
- Certification and Auditing for Make in India Communication Products for the ease of procurement
- Monitoring Breaches of Radio Communication
- Imparting Training to people in skill building through Latest Technologies for job creations

Current Activities

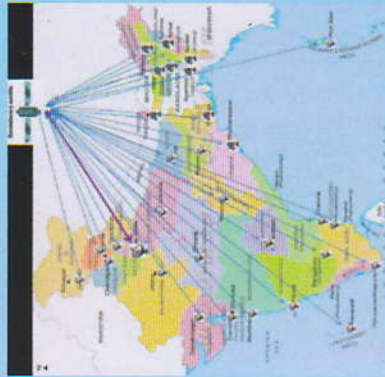
1. **Nodal Agency** for coordinating various police communication services of States/ UTs/ CAPFs.
2. **Central Distributing Authority** for cipher documents/ devices being used by State Police Organisations/UTs.
3. **Coordinating Agency** for spectrum/ frequency allocation for States/UT Police Organizations.
4. **Satellite & HF Communication** for all States/UTs through **Inter State Police Wireless Stations (ISPW)**.
5. Training Radio Personnel of the State/UT Police & CAPFs and also training the Police Organizations of other countries.
6. To meet the emergent communication needs of State Police Organizations / CAPFs, DCPW maintains a **reserve stock** of Radio Sets for the PPDRs.

Recent Achievements

POLNET 2.0



The POLNET 2.0 is a captive Satellite based Network with DVB-S2 Technology for PPDR Organisations. It provides end to end Audio / Video / Data connectivity from one point in India to any other point in India from Ladakh to Lakshadweep.



Satellite Communications on the Move

Flyaway Terminals of POLNET 2.0 gives mobility to set up Satellite Broadcast from anywhere in India even during disaster or natural calamity thereby extending the hands of PPDR organisations in robust communication.

Regional Police Wireless Training Institutes (RPWTI)

From CPRTI in New Delhi to RPWTI in Chandigarh, Kolkata and Bengaluru, DCPW is committed to state of the Art Training and facilitation of communication system which adheres to the vision of our Hon'ble Prime Minister!

Cheapest Sat Phone call rate in the world

DCPW, today boasts of call rate of Rs 1/- per minute on satellite phones for the Jawans deployed at the border, so that they can connect with their families! This is only possible with the vision of Our Hon'ble Prime Minister to ensure that the morale of the Jawan is at the highest!!! at whatever Cost!

Plans

Digital Satellite Phone Terminal (DSPT) type PSTN Connectivity over POLNET 2.0

DCPW is planning to provide PSTN Connectivity over IP Phones installed along with POLNET 2.0 Terminals, so that, the force personnel can remain in touch with their families, while being deployed in remote areas.

Ku Band Broadcasting Services over Satellite

DCPW has planned setup of Ku Band VSAT Hub, to Broadcast Services to all locations in India via satellite for all PPDRs. Senior officers & VIPs can securely address PPDR Personnel, conduct Training Programmes, Welfare Programmes, disseminate emergency messages etc by installing low cost VSAT Terminals at all such locations.

Inter State Police Wireless Station at Ladakh

DCPW is to establish an ISPW Station at Ladakh to facilitate exchange of Law & Order information from Ladakh to other States/ UTs.

Monitoring of Terrestrial Police Radio Networks in India

Monitoring of Terrestrial Police Radio Networks i.e. HF, VHF & UHF to detect and minimize Radio Communication Security breaches.

Certification and Auditing for ease of procurement

The testing capabilities of DCPW Workshop are being enhanced for evaluation of technical parameters of latest & sophisticated communication equipment used by Police Organizations.

New Regional Police Wireless Training Institutes (RPWTI)

DCPW is opening new Regional Police Wireless Training Institutes (RPWTI) at Kolkata & Bengaluru shortly in order to train more personnel.

Pan India LTE based Broadband PPDR Communication Network

Across the world, Terrestrial Police Communication is moving towards 3GPP based PS-LTE Standard Broadband Communication to provide Broadband coverage to all PPDR Organisations.

Telecom Regulatory Authority of India (TRAI) in its recommendations in June 2018 has proposed allotment of dedicated spectrum for establishment of Pan India PS-LTE Communication Network for use by all PPDR Organisations. It has also proposed DCPW to be the SPV for the same.

DCPW successfully conducted the PPDR Conference in 2018 and in line with that will be organising one in January 2020, to ensure stakeholding of the partners from the States and the Industry to find the easier ways of implementing the 3G-PPP, Mission Critical Push to X system (MCPTX).

Milestones

- 1946:** Establishment of **Wireless Inspectorate**.
- 1949:** Establishment of 1st Inter State Police Radio Control Station at New Delhi.
- 1965:** Establishment of Central Police Radio Training Institute at New Delhi.
- 1968:** RTTY link on VHF between Bombay & Patna.
- 1970:** Tele-printer link between New Delhi and Chandigarh.
- 1972:** Linking of all Police Stations of West Bengal on Radio.
- 1978:** **Microwave** Communication System introduced.
- 1982:** **MART** Communication System in the Asian Games, New Delhi.
- 1986:** TX/RX of printed message from **flying Aircraft**.
- 1987:** Introduction of **Electronic TP/AMSS** in Police Communication.
- 1992:** Introduction of **security devices** in Mobile radio.
- 1995:** Introduction of satellite based communication system for Police.
- 2003:** Establishment of Police Communication Network at **Kandahar** province of Afghanistan.
- 2004:** Established Emergency Satellite Communication link at Tsunami affected Andaman & Nicobar island.
- 2006:** Commissioning of **POLNET** for Pan-India Network, covering all States/ UTs.
- 2014:** Established VHF/HF Network during **flood relief operations in J&K**.
- 2015:** Established VHF/HF Network during **Earthquake relief operations in Nepal**.
- 2016:** Successful field Trials of indigenous GSAT-6 satellite based MSS terminals.
- 2019:** Establishment of Regional Police Wireless Training Institute at Chandigarh.
- 2019:** Launch of **POLNET 2.0**.
- 2019:** Declared Agency for testing, auditing and certification of communication equipment.
- 2019:** Nodal agency for monitoring the breaches in terrestrial Police Radio Networks.

Establishments of DCPW

There are 37 establishments of this Directorate in the country.

1. DCPW Headquarters, Block 9, CGO Complex, New Delhi.
2. Central Police Radio Training Institute, Vande Mataram Marg, New Delhi.
3. **POLNET HUB**, Samanvay Sadan, Siri Fort Road, New Delhi.
4. Regional Police Wireless Training Institute, **Chandigarh**.
5. Transmitting Station, **Nizamuddin**, New Delhi.
6. Communication Centre at **North Block and Parliament House**.
7. **31** Inter State Police Wireless (ISPW) stations located at the headquarters of the state and union territories of the country.



26/12

समन्वय निदेशालय

डि.सी.पुलिस बेटार

DIRECTORATE OF COORDINATION POLICE WIRELESS



Anand Swaroop, IPS Director,

Directorate of Coordination
Police Wireless (DCPW),
MHA, Block No.9, CGO Complex,
Lodhi Road, New Delhi – 110003
Ph:011-24361561 Fax: 011-24369511

director@dcpw.gov.in



@DCPW_official

गृह मंत्रालय, भारत सरकार
MINISTRY OF HOME AFFAIRS
GOVERNMENT OF INDIA