

No.IV-17017/48/02-Prov.I
Ministry of Home Affairs
Prov.I

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New Delhi the 6TH Oct.,2004

To

The DGs:Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

Subject: Finalization of QRs/Specifications Communication and other Security Equipments.

The Sub-Group constituted by MHA vide Memorandum No. IV.IV.17017/18/2001-Prov.I dated 5-7-2002 for laying down QRs/specifications of various items/equipments has since submitted its recommendations in respect of following communication and security equipments:

- (i) Fax Encrypter
- (ii) Frequency hopping HF/VHF sets
- (iii) Digital hand held mobile/static VHF/UHF Radio
- (iv) Wideband surveillance receiver (VHF/UHF Analog)
- (v) Wideband surveillance receiver (HF Analog)
- (vi) Wideband surveillance receiver (HF/VHF/UHF Analog and digital)
- (vii) Light Vehicle based Direction finder ✓
- (viii) Portable Direction finder ✓
- (ix) Discone, Parabolic Dish Antenna
- (x) High altitude Parachute Penetration System(HAPPS)
- (xi) Bomb Data Centre Equipment
 - i. IED Response Vehicle
 - ii. Explosive Test Kit
 - iii. PBI Kit
- (xii) ✓ Telescopic Manipulator
- (xiii) ✓ Waterman ship Equipment
- (xiv) ✓ Deep search Mine/Metal Detector.
- (xv) ✓ Digital HF Transceiver
- (xvi) ✓ Satellite Phone (Hand Held)

2. These recommendations have been accepted by MHA. The QRs finalized by the Sub-Group and accepted by MHA in respect of the equipments are enclosed herewith

3. Henceforth, all the CPMFs should procure the above items required by them to meet their operational needs strictly as per the laid down QRs/specifications.

Yours faithfully,


(Alok Mukhopadhyay)
Under Secretary(Prov.I)

QRs/TECHNICAL SPECIFICATIONS OF MAN PORTABLE DIRECTION FINDER

SRL	SPECIFICATIONS	PARAMETER
01	Frequency Range	2 Mhz to 3 Ghz.
02	Sensitivity (Overall noise figure including AF Section)	8 μ v/mtr or better
03	Scan Characteristic	Auto memory scan up to 1000 definable locations.
04	Frequency Scan	Start/Stop/Step Definable.
05	Power Supply	12/24 Volt DC
06	Antenna	Handy & highly broad band active directional antenna with freq range 2 Mhz - 3 Ghz.
07	Polarisation	Vertical and Horizontal
08	Temperature a) Operating b) Storage	a) ^{dy} -10°C to +55°C b) -30°C to +60°C
09	Weight	Less than 8 Kg (Including Bty and Antenna)

[Signature]

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Inspector General (COMNS), BSF

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