

1541. General Description

a. Purpose: The UK/PRC 320 is a lightweight manpack HF(SSB) transceiver which will replace TYPE 635 (1) and (2).

b. Capabilities:

- (1) Frequency Range 2 MHz to 29,999.9 kHz in 100 Hz steps giving 280,000 channels.
- (2) Frequency control Internal crystal controlled synthesizer with a stability of 1 in 10^6 over 6 months.
- (3) Types of emission CW (A1)
DSB (A3)
SSB - USB only (A3J)
- (4) Associated aerials 8 ft whip
150ft wire (2 in number)
- (5) Handbook reference SRDE Handbook No 1176.
- (6) Power Output
- | | HIGH POWER | LOW POWER |
|-----|-----------------|----------------|
| SSB | 30 watts P.E.P. | 3 watts P.E.P. |
| DSB | 7.5 watts | 1 watt |
| CW | 30 watts | 3 watts |
- (7) Power supply 24V rechargeable batteries giving 12 hours operation with a transmit/receive ratio of 1:10.

NOTE.

The headsets and handsets are interchangeable with those used in outfits UK/PRC 350 and 351.