

SUMMARY OF DATA

PURPOSE

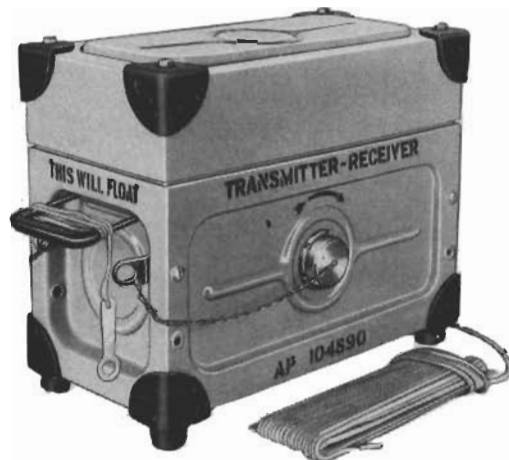
Self-contained portable wireless transmitter-receiver for use in 20-man NILE liferafts. Replaces the Type 611 lifeboat set.

FREQUENCY

Transmission 500 kHz and 8364 kHz
Reception 500 kHz

BRIEF DESCRIPTION

The main items of equipment are housed in a golden yellow watertight steel case which, with its lid firmly secured, will float in the sea until hauled on to the liferaft. A telescopic whip aerial and 4-section fibreglass mast are provided for use in the liferaft, and these, when not in use, are stowed in the lid of the steel case. Power supplies are provided by a hand-driven generator mounted in the bottom of the steel case, the handles for which are stowed in the lid when not in use. In addition to supplying power, the generator provides modulation of the transmitted carrier wave by the interrupted continuous wave (i.c.w.) method.



TYPE 629

The set is capable of transmitting i.c.w. on the two distress frequencies, 500 kHz and 8364 kHz. The receiver provides reception of modulated waves on 500 kHz only. Receiver output is fed into a pair of splash-proof headphones which are normally enclosed in the lid when the set is not in use. Keying of the transmitter may be performed manually or by an automatic clockwork mechanism which sends out distress signals. Two persons are normally required to operate the set, one to turn the generator handles and the other to set the controls.

POWER OUTPUT AND TYPE OF TRANSMISSION

3 watts interrupted continuous wave (i.c.w.).

POWER SUPPLIES

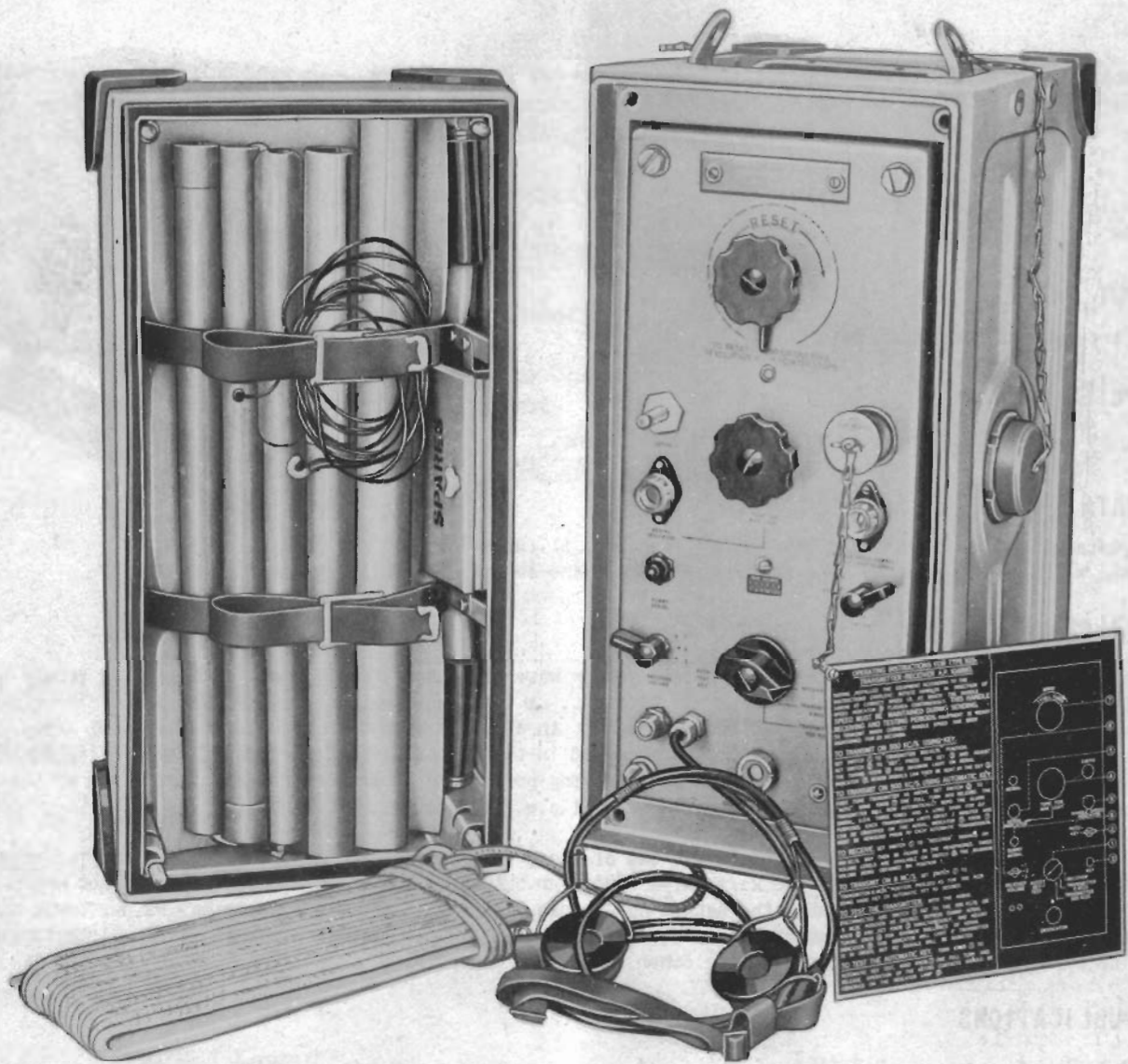
Provided by hand-driven generator built into the equipment.

PHYSICAL DATA

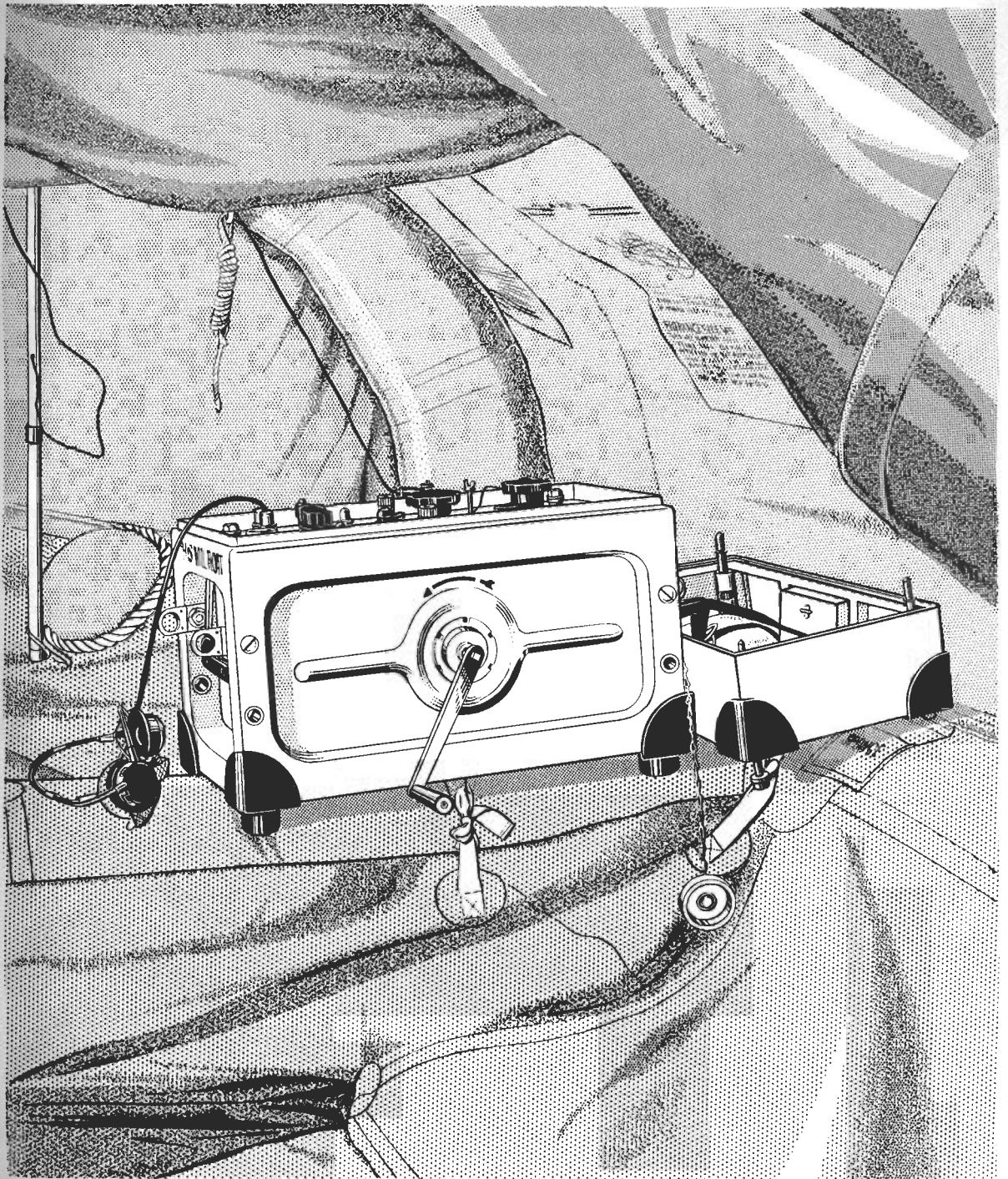
The complete equipment in its case measures 23 in. long, 11 in. wide and 17 in. high and weighs 65 lb approx. The length of the mast and aerial when fully extended is 21 ft.

RELEVANT PUBLICATIONS

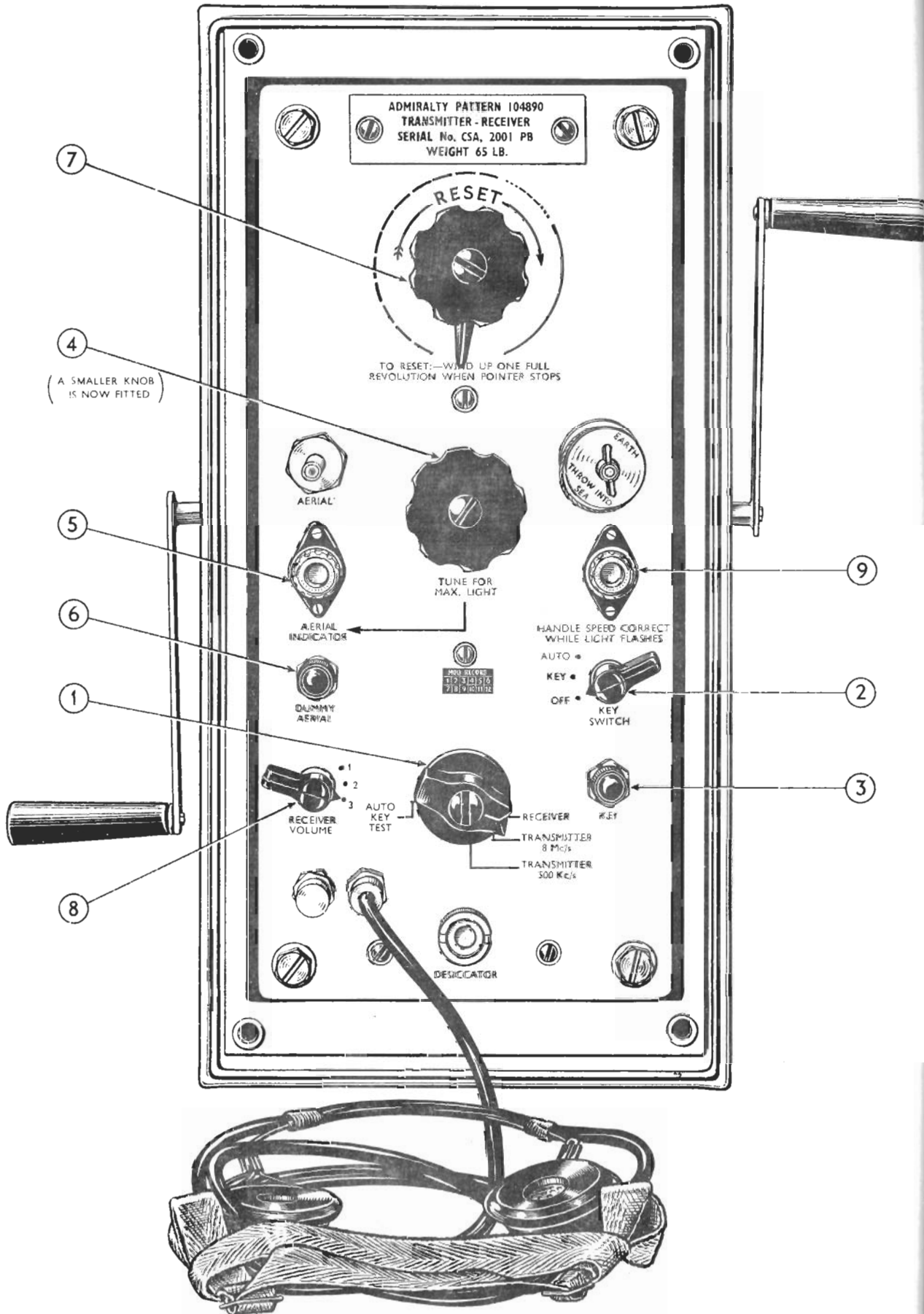
Handbook	BR 1161
E List	E1210
Installation Specification	None



TYPE 629



TYPE 629 INSTALLED IN LIFERAFT



TYPE 629 CONTROLS