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**Bookmarks**

This document has had “bookmarks” added. These allow you to quickly move to particular parts of the document, a numbered section or maybe the circuit diagrams for instance, merely by clicking on the page title. Click on the “Bookmarks” tab on the left hand side of the Acrobat Viewer window to access this feature – move the cursor over these titles and notice it change shape as you do so. Click on any of these titles to move to that page.

**Large diagrams**

The large diagrams are given in two formats – in A4 size sheets to allow easy printing, and complete as originally published to allow easy on-screen viewing. These versions are in different sections of the document, which can be found within the bookmarks.

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3. Select the correct printer if necessary.

4. In the area marked “Print Range” click on the radio button marked “Pages from..”, then enter the first and last page numbers worked out in step 1 into the “from” and “to” boxes.

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**Any other problems?**

Please get in touch with me at archivist@vmarsmanuals.co.uk.

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*Richard Hankins, VMARS Archivist, Spring 2004*
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STATION KIT, RADIO, AMPLIFIER, R.F., No 7
(Power supply, rotary No 47 and loading coil assembly, aerial)

TECHNICAL HANDBOOK - MISCELLANEOUS INSTRUCTION

SUB-TITLE: PSR47 - RLA contacts welding

1. SUMMARY

It is possible for the contacts of relay RLA to weld together if not properly adjusted, causing the rotary converter to run continuously even though the amplifier, r.f., No 7 is switched off. This regulation details the action to be taken when this failure occurs.

2. ACTION

a. Action required by units and establishments holding the equipment

When this fault condition occurs, operate the cut-out on the front panel by pulling out the operating button. Request the unit responsible for field repairs of the equipment to take action in accordance with this instruction.

b. Action required by units authorized to carry out field and base repairs

The only action is to replace the relay. Parting and cleaning of the contacts must be regarded only as an emergency operation, as removal of the cadmium oxide film from the contacts will render them more prone to welding.

T/62335/6 (TELS)

END

Issue 1, Jan 70 (15 B)
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STATION, RADIO, AMPLIFIER RF NO. 7

TECHNICAL HANDBOOK - MISCELLANEOUS INSTRUCTION

SUB-TITLE: Obsolete relays RLC, RLD

SUMMARY

1. Relays RLC and RLD 5945-99-053-023 are no longer available. The replacement relay is 237/5945-99-195-1173. The new relay is a four changeover type. Hence two spare sets of contacts are available should one or both pairs in use be damaged.

ACTION

2. On failure of relay 5945-99-053-0223 or when existing stocks are exhausted, use new relay 237/5945-99-195-1173 as a direct replacement. For ease of soldering, contact sets 1, 2 and 3 are to be used with contact sets 24, 25 and 26. Arrangement of contacts is shown in Fig. 1.

T/62335/D & M/Tels

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STATION, RADIO, AMPLIFIER, R.F. NO 7

TECHNICAL HANDBOOK - MISCELLANEOUS INSTRUCTION

SUBJECT: Amplifier r.f. No 7 - Carrying handles

SUMMARY

1. Special tools are required to remove the carrying handles on the amplifier r.f. No 7.

ACTION

2. When it is necessary to remove the carrying handles, locally manufacture the special tools as detailed in Fig 1 and 2.
Fig 1 - Manufacturing details

Fig 2 - Manufacturing details