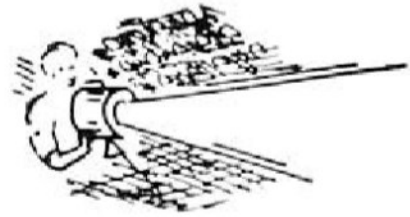
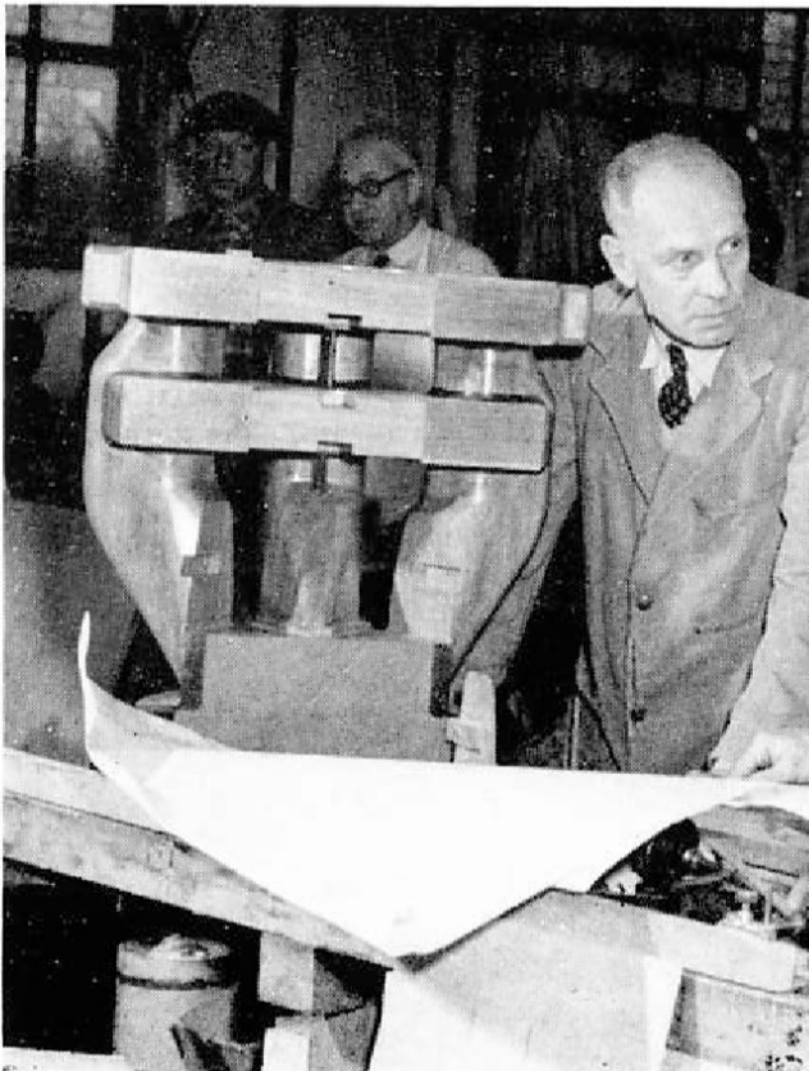




Patterns for metal castings are made of whitewood and mahogany. Fred Joyce is finishing a core box for a sand mould.

This is a pattern for casting a transmitter valve jacket made by Stan Booth. Also in the picture is Arthur Mumford, of Pattern Section



THE CONNECTION between carpenters and castings may, in general, be remote, but in this Works it is a very close one. In our Carpenter's Shop a team of skilled pattern makers is constantly at work making wooden patterns and coreboxes. These are used to form the complicated moulds in sand into which molten metal is poured to produce our castings.

These craftsmen work mostly in mahogany and American whitewood; two kinds of wood which have close grain. They use special rules for all their measurements so as to make allowances for the contraction of the metal casting when it has cooled.

It is a very highly skilled trade in which practically everything must be done by

A fret for a loudspeaker cabinet being cut to a master by Ralph Guy with a very high speed routing machine.



CARPENTERS

hand to produce the odd shapes necessary when turning a drawing inside out.

All over these Works and around our establishments there is evidence of the industry of the Carpenters and Joiners, ranging from teak cabinet work to office and workshop furniture. They make things like teak termite proof cabinets for studio loud speakers; models for the design of equipment; boxes for the lenses of O.B. unit TV cameras; nine zoom lens boxes as big as coffins are being made now.

The making of cable-forming boards is almost a job in itself. They are always wanted; there are always new models. A big board may take as long as forty or fifty hours to make and it may be fifteen feet long and made in sections.

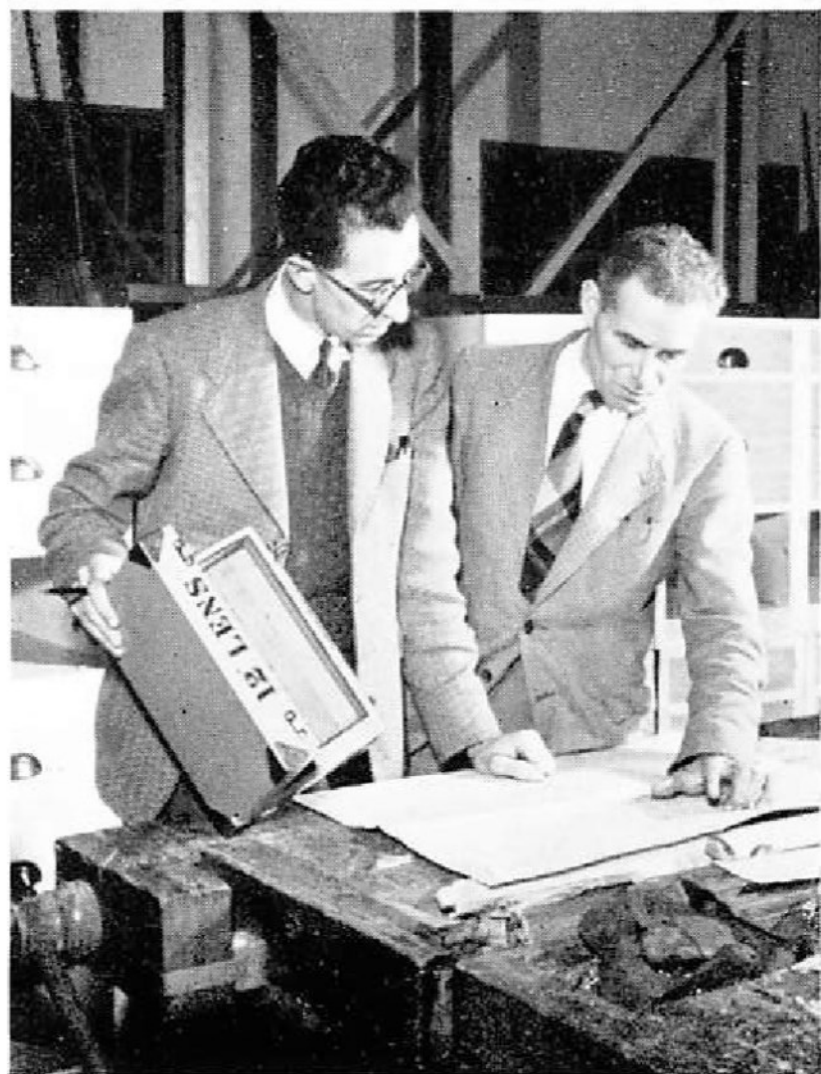
At any time an order may come in for

a couple of dozen big cages which hold valves in springs and have notices in four languages to implore those handling them to take care. The woodworking machinists do their best to take the hard work out of the jobs before they reach the bench operators and with a saw doctor always ready to keep an eye on the blades they can make the chips fly.

Machines assist on every job, planing, moulding, routing and mortising, and this Section claims to be the only one in the Works where you can bore a square hole.

The packing case makers cover the needs and urgent requests of our Packing Department and with all that they make they take a share in the safe delivery of our equipment to any part of the world.

Boxes for TV camera lenses. Fred Shipman, Shop Foreman and Veteran with Reg Soden, Chief of 01 and Bld. Maintenance Sections.



Making transport boxes for TV equipment is one of Bill Trimlett's many jobs. Bill is by trade a skilled wood carver.

