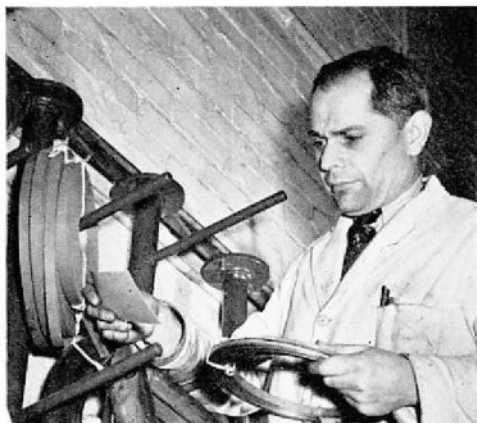




SIGNAL GENERATORS FOR SWEDEN



THE RECENT announcement by Marconi Instruments that they have signed a contract with the Royal Swedish Air Board for £23,000 worth of signal generators, spotlights once again the Instrument Company's achievements in the export field. The contract—for the TF 801B/1—was secured in the face of severe competition, especially from American organisations, both as regards price and delivery dates. In the negotiations, the Swedish agents—Svenska Radioaktie-



1. *There are over two hundred different drawings for the TF 801B. Here, A. E. James, Chief Draughtsman, and Fred Waters (nearest camera), Assistant to the Chief Draughtsman, discuss the Attenuator Drive Details*

2. *An early stage in the production story. John Thomson, Goods Inwards Inspector, checks a coil of brass in Raw Material Stores*

3. *Progress Section chase the job through from beginning to end. Here, Denis Meraldi, Progress Chief, checks on the TF 801B with chaser Charlie Lark*

4. *Graham Walklate, Machine Shop, operates the 90-ton Press Brake. At the rate of about two hundred an hour, he flattens the turned over edge on the front cover of the instrument*



bolaget—provided the greatest assistance.

In the first place, great interest was aroused by the existing generator, Type TF 801B, but, eventually, a special model, the TF 801B/1, was developed to meet the detailed requirements of the Air Board. Covering a range of twelve to 425 Mc/s, the new amplitude-modulated generator has a calibration accuracy of 0.5 per cent and has the particular merit that spurious frequency modulation is virtually non-existent—an essential requirement of the Air Board specification.

Many of the leading radio manufacturers in this country are already using the TF 801B, which recently went into production, and consignments have been shipped to Canada, Sweden, and Australia. The order books also show that France, South Africa, Portugal, and Norway are amongst the countries that welcome this newcomer to the M.I. range of signal generators.



5. *Ron Haley (nearest camera), Walter Horwood, and Geoff Cootie assemble R.F. boxes for the TF 801B/1 Signal Generator. Don Busby is in charge of this section*

6. *Sydney Bishop and Norman Proberts soldering stator assemblies for the R.F. Box of the TF 801B/1 Signal Generator*

7. *These partly completed TF 801B's have reached the M.I. Assembly Shop. Ian Charnock removes one from the rack*

8. *Now the instrument is going through Assembly. Harry Williams makes a final adjustment to the main frequency dial*