

PRACTICAL TELEVISION

AND TELEVISION TIMES

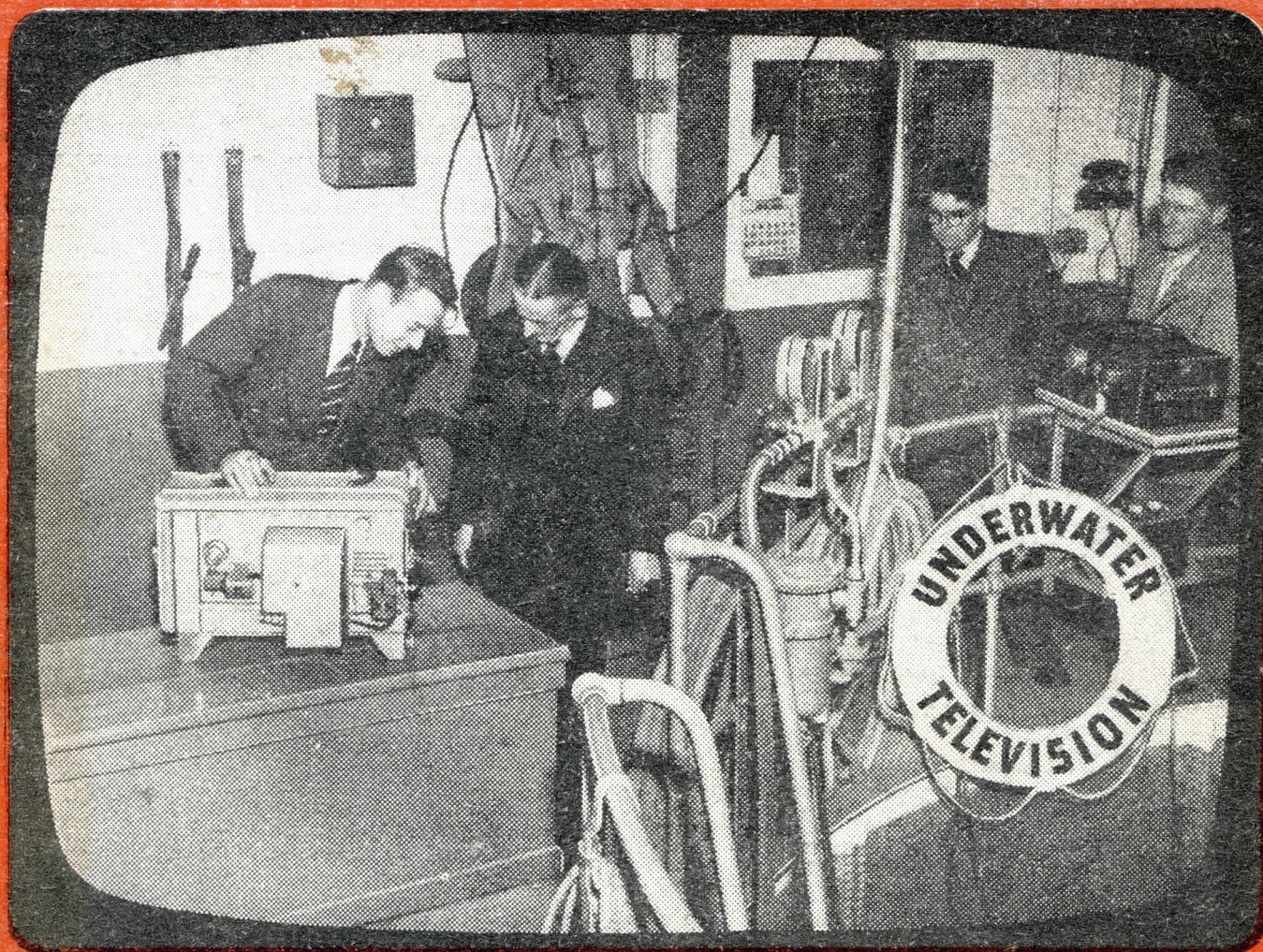
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EDITOR
F. J. CAMM



FEATURED IN THIS ISSUE

The Video Detector
Development of the C.R.T.
Aerial Matching

The Uses of Tuning Slugs
Interpreting Theoretical Diagrams
Modifying the AN/APR-4

PRACTICAL TELEVISION

& "TELEVISION TIMES"

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EVERY MONTH

FEBRUARY, 1952

Televiews

FREE BLUEPRINT OF THE P.T. "ARGUS" NEXT MONTH

IT is with especial pleasure that we announce that next month every issue of this journal will contain a FREE GIFT BLUEPRINT for the construction of the P.T. "Argus," an efficient television receiver. It has always been our aim to bring television within the means of those hundreds of thousands of people who to-day, because of Purchase Tax, cannot afford to buy one of the excellent commercial receivers.

This receiver, in order to keep the price down, will make use of a 6in. tube. It will contain 21 valves plus the popular VCR97 ex-Service tube. Thousands of these tubes are being used by amateurs with great success. The total cost of the "P.T. Argus" television receiver at present market prices is just under £20, although this may vary to a small degree according to the supply position.

The design is suitable for any of the existing or proposed stations, and full coil data is included on the blueprint for winding the coils for each channel. The blueprint will, of course, include only the wiring data which most amateurs find the most difficult part of the work. The constructional data and the theoretical circuits will be included in the issue. This has enabled us to reproduce the wiring diagrams to a large scale.

On the sound side, a small 6in. speaker of a special television type is used, and this enables a panel only 13½in. high and 14in. wide to be used, the tube and speaker being mounted side by side.

In view of the paper position it is essential for PRACTICAL TELEVISION to be ordered from your newsagent. There is bound to be a great demand for next month's issue, so do it to-day!

This is the first time since 1939 that a blueprint has been included in any journal.

ON TO THE 2,000,000 !

WHEN this journal was launched in April, 1950, the total number of television licences was 285,500. In the space of 18 months that number had increased to 1,113,900, and week by week licences are increasing. When will the 2,000,000 mark be passed? But for the shortage of materials

and the increase in the Purchase Tax the end of this year might have seen the number of licences top that magic figure.

If the Chancellor of the Exchequer sees fit in April to reduce or abolish Purchase Tax, it is still possible for the 2,000,000 mark to be reached. Certainly, the Chancellor has a case for the abolition of Purchase Tax on television receivers in view of the fact that £2,000,000 of licence money is to be taken from the BBC for general revenue purposes. Quite apart from that, however, in these early days of the development of the television service, when every penny is needed to keep abreast of our foreign competitors, he should remove every possible restriction which is retarding television progress.

In America it has swept the country from one coast to another; in this country it is still regarded somewhat as the Cinderella of radiated entertainment.

The new Government may have ideas which radically differ from that of the old; we hope so. One of the surprising things is that whilst the number of television licences has increased, there has not been a corresponding diminution in ordinary broadcasting licences, which continue to increase month by month.

There are approximately 24,000,000 homes in this country housing a population of almost 50,000,000. This means that one home in two is still without a radio or television licence. The peak, therefore, has by no means yet been reached. That absorption point must be reached one day is, of course, inevitable, but it will be many years hence.

HEALTH TALKS ON TV

SOME of the Sunday newspapers have been criticising a BBC producer because he declined to devote programme time to a talk on breathing as an aid to health. Some time ago this same producer was in trouble with the doctors because of his broadcasts on slimming for women. Perhaps this has made him cautious. We, however, support his decision for we do not believe that a talk on correct breathing would have been of interest since it is taught in every school.—F.J.C.