

# Brown Boveri introudce new type of Radio-telephone

Autor(en): **[s.n.]**

Objektyp: **Article**

Zeitschrift: **The Swiss observer : the journal of the Federation of Swiss Societies in the UK**

Band (Jahr): - **(1968)**

Heft 1560

PDF erstellt am: **22.09.2024**

Persistenter Link: <https://doi.org/10.5169/seals-696261>

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### BROWN BOVERI INTRODUCE NEW TYPE OF RADIO-TELEPHONE

Brown Boveri have introduced a new V.H.F./U.H.F. F.M. mobile radio-telephone set into their high frequency field.

One of the remarkable details of this set — Type RT21 — is that it is completely self-contained (transmitter/receiver, power pack, control unit) in one case, and its dimensions are only 10.2" x 2.23" x 6.3". Although designed for fixed/mobile use it can easily be adapted by the addition of a waterproof case for use on motor cycles and open vehicles. Standard features include squelch and memory circuits.

An additional feature to the basic transmitter/receiver equipment is the facility for selective calling. By using selective calling the base station is able to call one or more mobile stations by using special tone codes as initial signal, before relaying the message.

This special feature is considered a great advantage in many areas throughout the world since inconvenience and time wastage are reduced to a minimum by the fact that the mobile set can be left unattended. The receipt of the selective call signal at the mobile receiver can be arranged to give an external indication that the main station is calling either by the vehicle horn sounding or headlights flashing.

The radio-telephone is fully transistorized and meets with the G.P.O. specification. Power is obtained from a standard 12 volt supply.

British Brown-Boveri are responsible for all sales and service. (Glen House, Stag Place, London S.W.1.)

### THE MARKETING OF STERILIZED MILK

A firm of engineering consultants in Geneva has invented a new process for marketing sterilised, homogenised milk of good quality, which will store for quite a long time without refrigerating plant, thus doing away with the need to deliver milk every day and avoiding losses in the case of delays in delivery. The "Perstalisation" plant, as it is called, comprises an ultra-high temperature instantaneous steriliser, guaranteeing absolute sterilisation, a homogeniser and a bottle filling and sealing machine; all these appliances are perfectly sterile and the high temperature sealing of the sterilised glass bottles is carried out under vacuum, which prevents any deterioration of the milk due to the presence of oxygen. Perstalisation, the result of very thorough bacteriological and technical research, allows good quality milk to be preserved for a long period of time in vacuum sealed bottles, at ambient temperatures, which represents a tremendous step forward in the rationalisation of the dairy industry and the delivery of milk.

[O.S.E.C.]

### SWISS NATIONAL ACCIDENT INSURANCE

At the end of 1967, the number of firms belonging to the Swiss National Accident Insurance Fund (which is responsible for the compulsory insurance of workers in Switzerland) was 74,161, which represents a slight increase over the previous period. The amount of the wages insured has also increased and amounted, at the end of last year, to the sum of 21.6 billion francs. Receipts from premiums increased by 30 million to amount to 550 million francs for professional and non-professional accidents. The number of accidents reported fell off again last year (—1.76%) and totalled, including comparatively light cases, 434,441, the reduction applying exclusively to professional accidents while non-professional accidents increased. In 1967 the National Accident Insurance Fund paid out a total of 409 million francs in round figures in settlement of claims. After payment of the statutory amount to the legal reserve funds, the insurance accounts for excess of receipts amounting to 31.7 million which was paid into the statutory compensation funds of these branches of insurance.

[O.S.E.C.]

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