FINNISH broadcasting has seen at least one event of historical interest-that of the insurrection of Mantsala last winter. During this, the aged President addressed the insurgents in a short and stern speech, broadcast from all stations. It had the effect of completely stopping the insurrection. No shot was fired, no man wounded. His words immediately appeased a whole people.

TO give stability to radio in the U.S.A., a proposal is being discussed in which license terms may be lengthened. It is suggested that broadcast licenses should be extended from six months to one full year in some cases, that commercial licenses be extended from one year to two years, and that amateurs he granted a term of three years in lieu of the present twelve months

INCLUDED in the Bavarian plans for the winter's broadcasting are a series of early Wagnerian operas and relays from Munich of Wagner's works, while hitherto unpublished pianoforte pieces by the same composer will be a feature of some programmes. An opera -entitled "Columbus," written specially, and probably the first of its kind -is to be performed. Music of the twelfth and thirteenth centuries, folk music, and folk songs, will occupy important places, while a first performance of a Haydn symphony-recently unearthed-will be made a special fea-

IT is understood that the owners of the well-known Dutch station PCJ are negotiating with the Netherlands Government on the questions of wavelength and power. When the transmitter was closed down in November. 1931, it was announced that a complete reorganisation was to be undertaken. Since then little has been heard of what was one of the most famous broadcasting stations in the world.

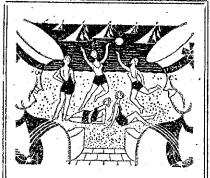
AN Academy of Broadcasting, with three main objects, has recently been opened at the Leipzig Conserva-The first is to study and develop the technical and artistic forms which broadcasting has brought in its train; the second is to find and test out the special possibilities of broadcasting; and the third aim is that the institute shall be the training ground for future broadcasting artists. curriculum consists of three subjects-Technique, Music, and Literature. Students will study all subjects, although specialisation may be made in one. A complete course will take two years, after which an examination will be made and a diploma issued to the suc-

PROGRAMMES for all the Swiss stations are supplied by a separatecompany, and it is not unusual for the on the air at all.

nationale de Radio Diffusion at Mad-paratus.

## RADIO Round the World

rid, is becoming known as the "listen-CZECHO - SLOVAKIA, thirteenth ers' delegate." He is agitating on listeners' behalf for twenty-three more wavelengths for broadcasting, and requests for a band between 555 and 580 metres for stations far inland and for 620 to 650 metres for other stations far removed from possible interference by marine traffic. He is also seeking to obtain entirely for broadcasting purposes the wavebands between 650 and 810 metres and 1050 and 2000 metres.



## The Frolics Revue

Company Will entertain In Song and Story From 3YA and 4YA On Saturday, December 17. ⇊ 

HE rapid expansion of the radio industry in Canada is well indicated by a few figures. Montreal radio show there was exhibited apparatus valued at £1,422.-105 produced by Canadian manufacturers, and imports in the same year amounted to £721,840. By 1929 domestic production had reached an aggregate of £4,193,227, a gain of 195 per cent., while imports had risen to £2,144,186, a gain of 197 per cent. With the general financial stringency the sales have decreased, but the output of factories in particular lines tinues to increase at a prodigious rate.

THE crudity of the images has always been a real stumbling block of 60 kilowatt station at Beromunster to liaison between the B.B.C. and the broadcast without previous notice from Baird Television Company, but with any one of the national studios. The the introduction of the latest televisor, control station at Olten listens to the providing recognisable images of some programmes from various Swiss sta-entertainment value, there is hope tions and selects the best for Bero- that the B.B.C. broadcasts will stimuit is said that they warrant attention, service in Arabic will be given, and increasing popularity is the right PROFESSOR RAYMOND BRAIL kind of stimulus required for investiga-LARD, chief of the Union Inter-tion and experiment for improved ap-

among the European nations in regard to broadcasting development, has just concluded a wireless propaganda week. At present there are only 25 wireless users per 1000 inhabitants. The enemies of radio development in Czecho-Slovakia are the Carpathian Mountains, and the Czecho-German conflict of tongues, but the Czechs are a persevering race, and it is expected that a new stimulus will be given to radio through the recent publicity.

LISTENERS in the early hours of the morning in England have several stations to choose from, but their sets have to be tuned to Continental stations. Toulouse radiates a special concert for English listeners from midnight to 12.30 a.m., and Fecamp can be heard until I a.m. Every Monday morning the latter station continues its transmissions until 3 a.m. 0

INCLUDED in the estimates for the year for the extension of the national service in Australia, is provision for the erection of two relay stations in Tasmania. Ø.

IT is expected that the 175-kilowatt transmitter, which is now under construction at Lakihegj, in Hungary, will be operating by the end of the £

HARLY morning listeners in Britain have to rely on Continental stations for radio, and some of these to the possessors of quite modest sets. Especially popular are Hilversum and Huisen, whose programmes are provided by different religious organisas well inditions. The former specialise in light In 1925 at music and variety, while the latter is inclined to favour the classical musiclovers.

> IN the near future the ten Italian studios are to be amalgamated into two groups and only two programmes nightly will be transmitted. Revenue from licenses has not kept pace with the expenditure upon development, and it has been found that it will thus be impossible to allow separate entertainment from a number of individual stations. This procedure follows a plan adopted by many other countries, and the scheme that the Australian Broadcasting Commission has in view.

THE first all-Jewish broadcasting stution in Palestine recently opened at Tel-Avio transmits programmes in both Hebrew and English. Musical munster, while its own programme at late interest. Although the pictures entertainment is to be developed, and the Zurich studios is often not heard are still a long way from being perfect it is likely that at a later date a news

tention it is proposed that nationals in from licenses.

foreign lands will receive. weekly, at an hour suitable for reception abroad, special concerts will be broadcast through the Zeesen shortwave station. Announcements are to be made in German, English and Spanish.

THE Provincial Forestry Department in Saskatchewan, Canada, is to build a system of watch-towers throughout the forest reserves. Each tower is to be equipped with a complete radio station which will be in communication with all others, and in communication with aeroplane bases where aviators will act in co-operation with the fire control board.

EVERY effort is being made by the French residents of French Indo-China to have re-established the news service formerly given by the short-wave station at Chi-Hua. Owing to economic reasons, the subsidy granted to the broadcasting authorities has had to be suspended, and the first cut in wireless service seriously affected the news bulletins. French-spending residents in un-country isolated istricts are thereby often kept in total ignorance for weeks of most important happenings concerning their own wel-

THE Mayor of Marseilles has been authorised by the Town Council to sign a lease of ninety years, at a rent of one franc per annum, ceding a site to the State for the erection of the new Marseilles wireless station. The new transmitter is one forming part of the General Ferrie plan for French coverage.

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TICENSE fees in Austria amount to the equivalent of about one pound sterling a year, and those who fall into arrears are liable to be distrained upon. Distraint is a commonplace method of collecting debts in Austria, and the sale of goods by auction to "breakfast" sessions are very welcome recover a wireless fee is a frequent happening.

> N the Irish Free State most outside broadcasts are of sporting events. Church services are not broadcast, and there is a rigid ban on politics.

> MR. FRIC WELCH'S running description of the race for the last Melbourne Cup was recorded and subsequently repeated at an hour when more listeners were at leisure.

> IT is stated that forty per cent. of the firms which began advertising by radio in the U.S.A. discontinued the innovation within a comparatively short period.

> IN view of the fact that the North Italian group of transmitters regularly relays performances from the Scala Opera House, the Italian Broad-easting authorities have cancelled a previous decision and decided to grant a substantial subsidy to the famous theatre.

ECONOMIC conditions in Poland have compelled the Polish Government to discontinue paying subsidies to the broadcasting authorities, and A FEATURE in the reorganisation broadcasting in that country is now of German broadcasting is the atsolely dependent upon revenue derived