



**Pontcanna Studios**, situated in the midst of a wooded parkland about half a mile from the center of Cardiff, Wales, were designed to provide a natural, outdoor setting for filming live TV shows. Certain limiting factors, among the foremost the unpredictable climate of Great Britain, presented problems to which ingenious solutions were found. Constructed by

TWW, Limited, Independent Television contractors for South Wales and the West of England, the outdoor stage of the studios was opened Aug. 16.

The preservation of a natural "woody" environment required on elaborate system of drainage and cable ducting. Six-inch fiber waterproofed ducting was used throughout the 300-ft ducting runs. Out-

let boxes for sound and vision connections were disguised as garden seats and ornaments. In filming the first production, four Marconi Mark 3, 4½-in. image-orthicon cameras were used, one fitted with a Watson zoom lens (focal length 3 in. to 15 in.) mounted on a 20-ft platform. Other cameras used long focus-type lenses. Hidden microphones were employed throughout the working area, supplemented by bamboo pole booms for special close-ups. Sound cables were laid in a separate ducting system, and hum level was measured at better than -120 db unweighted, referred to 1 mw in 600 ohms over the whole of the 300-ft run.

### Closed-Circuit TV Installations in Educational Institutions

Closed-circuit television was used in classroom instruction in 119 educational institutions during 1958 and a total of 133 systems had been installed, according to a survey conducted by the Joint Council on Educational Television, 1785 Massachusetts Ave., N.W., Washington 6, D.C. The report contains tables which summarize replies to a questionnaire sent early in 1958 to accredited institutions of higher learning and to secondary and elementary schools with closed-circuit installations. Class instruction over these systems ranges from first grade through college post graduate. It is noted that some of the equipment is used for instruction in television rather than instruction by television. Closed-circuit TV is also used for instruction and training purposes at 21 military installations.

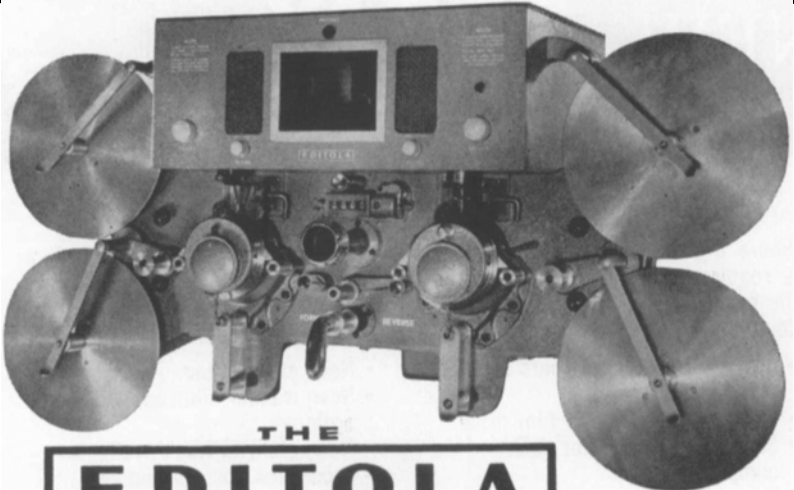
The report lists the school, college or university, the office or department responsible for TV operation; the originating points (studios, classrooms, laboratories); kind of equipment (orthicon, vidicon, film or slide chains); reception points (classrooms, laboratories); subjects taught, both the courses taught by closed-circuit and the courses in television. Other educational uses of television also are reported. Copies of the report are priced at 30 cents when several copies are ordered, but single copies are available without charge upon request to the Council.

### SMPTE Test Films

Test films planned by the Society's technical committees and produced under the Society's exact supervision are available from the headquarters office at 55 West 42 St., New York 36. Catalogs containing brief descriptions of each film are obtainable on request.

Films are available in the following categories:

- Television—Picture Only, Color or Black-and-White
- CinemaScope
- Visual 35mm—Picture Only
- Magnetic—16mm Sound Only
- Picture and Sound—16mm
- Picture Only—16mm
- Glass Slide—36mm



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