

several years on a scheme to identify pictures and sound with time codes. Several different types of codes and methods for recording the codes have been proposed. One of these, developed by the Institut für Rundfunk Technik (IRT) in Germany consists of a BCD (binary coded decimal) code impressed simultaneously at one-second intervals on the picture film and magnetic sound tape. The code is recorded in the sound track area of the picture film with tiny light-emitting diodes.

At the SMPTE technical conference in Toronto in Nov. 1974 Gunter Bevier of the Steenbeck Co. described how an editing table for two pictures and two sound tracks can be used to make the assembly of multi-camera films much easier and simpler. The next step is to record time codes on

the films while the cameras and sound recorder are running. Editing tables can be fitted with decoding equipment that will convert the coded information into readable numerals.

At the start of an editing session, a picture film is advanced to the desired scene; then the sound film transport is activated. When the two numbers coincide the sound film is stopped. This operation can be made totally automatic by utilizing modern digital technology.

At the time this paper was being given a prototype machine was in the testing stage at IRT and by German television stations. Mr. Bevier's paper was published in the August 1975 issue of *SMPTE Journal* with the title "New Techniques for Editing Multiple Camera and Non-Slated Films". □

EQUIPMENT NEWS

Note to Canadian distributors: We would like to include the names and addresses of Canadian distributors of equipment and services mentioned in this section. Please ask your suppliers to give Canadian sources in their publicity releases. Ed.

New CP-16 Camera for Double System Sound Only

Cinema Products Corp. has announced that a new double system sound reflex camera model CP-16R/DS, is now available. The new camera model is identical to the standard CP-16R reflex in every respect, with the same accurate crystal controlled motor and all its other features. The only difference in the new model is the removal of the flywheel and film threading rollers needed for single-system recording. As a result the CP-16R/DS is simpler, easier to thread and lighter by almost three-quarters of a pound. Further information can be obtained from Cinema Products Corp., 2037 Granville Ave., Los Angeles, Calif. 90025.

Mitchell Camera Spare Parts

Alan Gordon Enterprises, Inc., has acquired most of the some \$750,000 worth of terminated inventory from the Mitchell Camera Co. The inventory includes camera parts for most models of 16 and 35mm Mitchells, including the NC, BNC, standard and high speed, plus many 70mm parts. The newly-acquired parts will be merged with the existing AGE Inc. inventory, making the company one of the largest sources of Mitchell spare

parts in the industry. Inquiries should be addressed to Ted Lane, AGE Inc., 1430 N. Cahuenga Blvd., Hollywood, Calif. 90028.

Electronic Graphic Design

A unique and exclusive form of electronic graphic design is being offered by Image Process, a recently established Canadian company. Image Process has developed DECIM (Density Electronic Colour Image Manipulation) which capitalizes on an electronic colourization method originally developed by NASA for use in lunar crater evaluations. With this method any original image, black-and-white or colour, can be electronically colourized to provide a wide range of image manipulation capabilities. Image transformation possibilities are practically infinite.

With the market clamoring for new dimensions of expression, the DECIM Process can become an art director's dream, the innovators claim. Applications range from enabling designers to visualize wall-paper or fabric patterns to the creation of images that appear to emanate from a graphic twilight zone to present a product in an exciting and revolutionary manner.

Further information is available from Electronic Graphic Design, 272 George St., Toronto, Ont. M5A 2N1. Tel.: 416-366-5510.

Special Issue of SMPTE Journal

A special issue of the *SMPTE Journal* appears in November devoted almost entirely to a comprehensive re-

port on the 117th technical conference of the Society in Los Angeles Sept. 28 to Oct. 3. Included in this special issue is a complete analysis of the technical sessions and a comprehensive review of the more than 100 equipment exhibits at the conference.

New CRI Service at Film House

Bill Hambly, laboratory manager at Film House has announced that a new service is now available for producing colour reversal intermediate negatives (CRI's). Their single-purpose CRI developing machine coupled with a new Seiki optical printer gives Canadian customers fastest possible turn-around at competitive prices, Mr. Hambly says.

Sound Head for Super-8 Hervic-Minette Viewer Editors

A Super-8 sound head is now available for all existing Model S5 and S4 Hervic-Minette Super-8 viewer editors. The sound head is easily attached and no modifications of the equipment are required. Power supply is a 9-volt transistor battery. The US price is \$43.95. Available from Cinema Beaulieu, 14225 Ventura Blvd., Sherman Oaks, Calif. 91403.

Increased Output With Lowel Softlight System

The new Lowel Softlight has a higher reflectance than previous models, and it has greater heat resistance, allowing the use of two 750-watt lamps. These improvements boost the light output to 125 f.c. at 10 ft., surpassing the performance of many conventional 2000-watt softlights currently on the market, with 25% less power. The entire unit folds to attache-case size and weighs less than 8½ lbs. For additional information contact Art Kramer at Lowel-Light Mfg., 421 West 54th St., New York, N.Y. 10019.

New Angenieux 10-150 Zoom Lens

This lens for use with all CP16R reflex 16mm. cameras has a BCP mount and offers both a long zoom range and the highest magnification of any 16mm. zoom lens on the market. Of special interest is the ability of the lens to focus down to a field size as small as 1 x 1⅓ ins. (26 x 36mm.), with a working distance of 24 ins. (60 cm.) to make lighting of objects easier. The US. price is \$2850. For further information write Cinema Products Corp., 2037 Granville Ave., Los Angeles, Calif. 90025.