

the Intermountain Network, MBS and UPI Audio.

FCC Defense Commissioner Robert Wells has also asked a working group of the National Industry Advisory Committee to submit further tests designed to meet the five-minute reaction time.

### Technical topics:

**Long-haul microwave** ■ Two new microwave relay systems, one for 6.425 to 7.125 GHz and the other for 12.2 to 13.25 GHz, have been introduced by Lenkurt Electric Co., San Carlos, Calif. subsidiary of General Telephone & Electronics Corp. Both systems, types 75B2 and 7SEI, are capable of transmitting up to 1,200 voice channels or single video channel on long-haul, backbone routes of 2,000 miles or more. Systems are fully solid state and use traveling wave tube as a transmitter power amplifier as well as low noise heterodyne repeaters.

**Color conversion** ■ Noncommercial KOKH-TV Oklahoma City will convert its black-and-white operations to color later this year with RCA equipment worth almost \$500,000, RCA said. The UHF station (channel 25) has been broadcasting in black-and-white since 1959. Equipment includes three studio color cameras, two video tape recorders, two film systems and two TV switchers.

**New mobile unit** ■ Hughes Sports Network Inc. has rented a new mobile unit from Transmedia International for its six-tournament golf coverage, starting with the Doral Open in Miami Feb. 28. The vehicle, worth over \$1 million, includes all the equipment HSN needs in one unit. In previous years, HSN had to ship slow-motion equipment and a slide chain to the tournaments separately.

**CATV and TV conditioner** ■ Telemet, Amityville, N.Y., a Geotel company, has introduced a new video signal conditioner 4600 for TV and CATV use. Unit is designed to correct mid-frequency phase disturbances that account for most conditions of "soft" color or monochrome picture quality and to eliminate both negative and positive smearing. Four separate time constants are available by a front panel selection switch. Gain is adjustable 0.7 to 1.5. Frequency response is rated at 100 Hz to 8 mc. Differential gain is 0.5 db and phase is 0.5. Noise is -60 db. Price: \$700.

**Unit for modulation** ■ C-Cor Electronics Inc., State College, Pa., has introduced a complete signal generation measurement unit designed for ring cross modulation of CATV transmitters. Known as cross-modulation model TSI-20, the unit provides measurement on 20 channels, in

accordance with NCTA standards of square-wave modulation.

**Tape conditioning** ■ Recortec Inc., Mountain View, Calif., is marketing a new version of its Video Tape Conditioner (VTC-2) which utilizes a proprietary capstanless, vacuum-buffed tape drive that maintains uniform tension and precise winding while operating at high speed. The VTC-2 uses vacuum tape cleaning grids to remove debris from both sides of the tape. An electronic tape timer is supplied as standard equipment. Standard model price: \$5,450. Address: 162 S. Whisman Rd., 94040.

**Public FM** ■ A \$2,300 grant from the Corp. for Public Broadcasting will be used by the Commonwealth of Kentucky for an engineering study needed before establishing state-wide public FM-radio plan. Another \$1,700 is to be donated by 19 colleges, universities and school boards in Kentucky to meet total project cost of \$4,000.

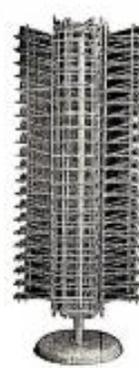
**Look behind you** ■ Spindler & Sauppe Inc., Glendale, Calif., has introduced a slide-projection system designed for projecting background images behind TV newscasters, sportscasters, and other on-the-air personalities. For use in either monochrome or color studios, the package, an Ultralight Screen and Dynamic Dissolve System, is remotely controlled console and enables directors to use multi-speed dissolves, instantaneous cuts, and slow-to-fast fades in their slide presentations. Address: 201 S. Lake Ave.

**Tower power** ■ KBAK-TV Bakersfield, Calif., has spent over \$300,000 on an RCA Polygon antenna system, and has placed it atop Mount Breckenridge, 7,775 feet above sea level, said to be the highest telecasting site on the West Coast. The antenna upped effective radiated power from 191 kw to 1,720 kw.

**Home entertainment agreement** ■ Admiral Corp., Chicago, and National Union Electric Corp., New York, announced a long-term agreement last week whereby Admiral will manufacture all Emerson and DuMont brands of color TV and other home entertainment products for National Union's Emerson TV and radio division. Marketing of Emerson and DuMont products will continue through the existing distribution-dealer network of National Union's Emerson Television Sales Corp.

**Comparable UHF-VHF tuners** ■ Sarkes Tarzian Inc., Bloomington, Ind., is in production with a new line of VHF-UHF tuners that satisfy the FCC requirements for "comparability." The company is capable of producing four million six-position detente tuners a year and can increase that volume if necessary.

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