

NEWS BRIEFS

● **TENTATIVE PROGRAM** for the 1963 railway exhibits and meetings, as regards signaling and communications interests, is as follows: Annual meeting of the Communication and Signal Section, AAR, at Sheraton-Chicago Hotel, October 9-11, 1963. Exhibit of Railway Signal and Communications Suppliers Association, October 9-16, at McCormick Place for indoor exhibits, and at 31st Street yards of the Illinois Central for outdoor exhibits.

● **WESTERN PACIFIC** is using a Western Union 115 plan, which operates at 100 words per minute or 6,000 words per hour, for sending car reporting information to 19 district sales managers' offices on and off-line. (To correct the listing in the last column, last line, of the table on page 26 of the October issue, replace the letter "M" with the letters "TTY.")

● **SOUTHERN PACIFIC** has ordered CTC material from Union Switch & Signal Division of WABCO for installation on approximately 152 miles of track in the Fresno-Tracy and Stockton-Polk territory in California. Control will be from one of two new traffic control centers at Bakersfield, Calif., which when completed will control 290 miles of track.

● **NORTHERN PACIFIC** has ordered microwave equipment from Motorola for installation between Seattle, Wash., and Portland, Ore., 178 miles. In addition to four repeater stations, terminal microwave stations will be installed at Centralia and Tacoma, Wash. The initial system will have 16 voice channels

and five telegraph channels. The transistorized equipment includes MR-50 RF, MC-50 single sideband multiplex and MT-50 telegraph equipment. Also included is the MA-50 alarm equipment which automatically reports any outages along the system.

● **CANADIAN NATIONAL** Telecommunications western headquarters have been moved from Winnipeg, Man., to Edmonton, Alta. The rapid growth of telecommunications facilities in the Yukon and Northwest Territories was cited as an important reason for the change of location.

● **NEW YORK CENTRAL** has received ICC approval to install a traffic control system between Framingham and Boston, Mass., 21 miles.

● **ILLINOIS CENTRAL** and Chicago Great Western have received ICC approval to arrange for automatic approach clearing of home signals on both railroads, at a crossing at Elmhurst, Ill. The existing locally controlled mechanical interlocking will be removed.

● **ILLINOIS CENTRAL** and C&EI have received ICC approval to remove a mechanical interlocking at a crossing of the two roads at Kimmunity, Ill., and arrange for automatic approach clearing of home signals on both roads.

● **NEW YORK CENTRAL** and Nickel Plate have received ICC permission to remove a mechanical interlocking at the Handy, Ind., crossing of the two roads and arrange for automatic approach clearing of home signals on both roads.

● **BALTIMORE & OHIO** and the C&O have received permission to replace a locally controlled interlocking with an automatic interlocking at the Dundas, Ohio, crossing of the two roads.

Railroad Personnel

● **PENNSYLVANIA.** J. Kolton, supervisor telephone service at New York appointed engineer of communications there. P. H. Barlow, designer at Philadelphia, appointed assistant supervisor communications and signals at Columbus, Ohio, and R. W. Cowan, assistant supervisor, communications and signals at Steubenville, Ohio. J. C. Cunningham, supervisor C&S, Buffalo, N.Y., transferred to Pittsburgh, Pa., the same capacity.

● **CANADIAN NATIONAL, D. C. M. Leod,** assistant signal engineer, Prairie Region, at Winnipeg, Man., transferred to the Great Lakes Region, at Toronto.

● **SANTA FE.** Emory F. Artman, signal supervisor at Clovis, N.M., and Ernest L. Salsberry, signal supervisor at Arkansas City, Kan., have retired.

Supply Trade News

● **COLLINS RADIO CO.** T. A. Farrell appointed general microwave sales manager of the Dallas Division, responsible for commercial and military sales throughout the United States and Canada. Other appointments include R. L. Hancock, manager of microwave services; H. G. Kraft, manager of the microwave division.

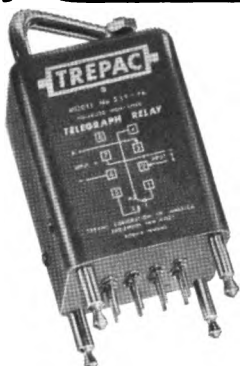
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MODEL 539-PA
Replaces the W.E. type 255-A

- **MAINTENANCE-FREE** (no contacts to clean, adjust, arc or pit.)
- Uses **SILICON SEMICONDUCTOR ELEMENTS** (no Germanium), and operates over a temperature range from -38°C to $+150^{\circ}\text{C}$.
- The switching capabilities of the output circuit provide SPDT (MARK — TONGUE — SPACE) contacts to handle up to 500 Volts D.C. open circuit voltage, and up to 2 Amperes of current in the load circuit, provided that no combination of these exceeds 100 Watts.
- Acts as an electronic repeater capable of correcting up to 35% bias and large amounts of characteristic distortion. Will operate from either Polar Signals (as low as 1.5 Mils), or Neutral Signals (as low as 6 Mils) up to 200 Mils.
- Will operate over widely varying line signaling currents without contributing bias in the switched output circuit. No adjustment to the relay, bias circuit, or line signaling currents are necessary for operation at line signaling currents from 18 Mils to 200 Mils.
- 1 year guarantee and 10 year warranty with each unit.

Write for technical data



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NEWS BRIEFS

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crowave product line; **Dick Jones**, Chicago area sales engineer; **D. E. Gallard**, Canadian sales coordinator based at Toronto; and **John Israel**, eastern states sales engineer, at Albany, N.Y.

● **RAILROAD ACCESSORIES CORP.** **William W. Beard**, assistant signal engineer, Baltimore & Ohio, joined Raco November 5, as sales engineer.

● **UNION SWITCH & SIGNAL** Division of WABCO. **J. E. Rupp**, manager—marketing operations, appointed manager—headquarters marketing, and **Ray F. Deal**, product planner, appointed manager—market research and product planning. **Harry W. Erikson** and **John B. Griffith**, application engineers,

appointed sales engineers with headquarters in the New York office.

● **LOUISVILLE & NASHVILLE.** **Madison Rex Waller**, formerly Chicago district manager, Union Switch & Signal Division of WABCO, appointed assistant to the president of the L&N.

Obituaries

● **V. O. SMELTZER**, 61, superintendent signals system, Atchison, Topeka & Santa Fe, with headquarters at Chicago, died November 1.

● **THOMAS W. BURNS**, supervisor signals and communications, Detroit, Toledo & Ironton, died October 30.

● **MEMBERS** of the Communication

and Signal Section, AAR, who have died since the 1961 annual meeting and whose passing has not previously been noted in RS&C, include **W. Birt**, retired superintendent of telegraph, Southern Pacific; **W. Chum**, retired assistant superintendent of communications, Missouri Pacific; **M. Folley**, assistant signal engineer, Chicago & Eastern Illinois; **H. Hood**, signal supervisor, Canadian Pacific; **G. L. Poole**, retired superintendent communications, Erie-Lackawanna; **R. H. Richer**, retired assistant superintendent communications, Missouri Pacific; **Wyant**, division lineman, Santa Fe; and **R. A. Zulch**, signal supervisor, New York Central.

Current Publications

For further information, please circle "CP" number on card on page 37.

● **TRAIN RADIO.** A 4-page brochure ECR-990, describes the new Train Commander two-way radio, designed with transistorized receiver and a controlled rectifier power supply. It includes a description of how it works and performance specifications. General Electric Co. (CP-14)

● **TERMINAL HOUSINGS.** An 8-page catalog on a newly designed line of terminal housings for buried wires and cable contains descriptions, capacities and specifications of four different interchangeable pole and pedestal mounted models of IS&W terminal housings. Indiana Steel & Wire Co. (CP-15)

● **RECEIVING TUBES.** A new and enlarged edition of the RCA Receiving Tube and Picture Tube booklet 1275K, is available for 50 cents at distributors or direct from RCA. It contains a new tube classification chart, a new tube application guide and a completely revised characteristic chart. Radio Corp. of America. (CP-16)

● **ULTRASONIC CLEANING.** A 4-page bulletin describes a line of ultrasonic-mechanical cleaning machines ranging from a compact, self-contained ultrasonic cleaner with a capacity of 1¼ quarts, to large capacity automated cleaning systems. L & Mfg. Co. (CP-17)

● **TIME DIVISION MULTIPLEX.** A new 16-page brochure on remote control, telemetering, and data transmission, describes case history treatment of installations of Marc time division multiplex equipment. Among the illustrated applications are systems for supervisory control of VHF radio and supervisory control system for a railroad. Moore Associates, Inc. (CP-18)

ACL Telephone Crew Has Five-Year Safety Record



ACL telephone crew: standing (left to right)—J. A. Crews, foreman, and G. W. Boyer, O. D. David, Jr., J. G. Luce and J. E. Shaffer. Sitting, C. W. Harrell and C. H. Crews, all linemen.

An enviable safety record has been established by the telephone construction crew pictured above, who have not had a lost-time injury since October 1957.

According to G. C. Stromsoe, superintendent of safety, "Periodic safety meetings are held over the entire system on a quarterly basis, with members of the communication and signaling department serving as safety committeemen. These men participate actively in meetings, discussing various phases of safety. The safety program on the Coast Line is general, but instructions are issued from time to time pertaining to safety for C&S department employees.

"Communication and signaling construction crews, in addition to attending regularly-scheduled quarterly safety meetings when it is possible to do so, also conduct a weekly safety meeting, which is chaired by the foreman of these gangs.

"Communication and signaling department employees on the Coast Line have the distinction, year in and year out, of performing their work in a safe manner and we are very proud of them. So far this year, our C&S department has had only one lost-time personal injury and has a casualty ratio of 2.11 per million man-hours of work exposure."