

equipment necessary to bring in the pictures, and that in the process they overcame several obstacles. Since the Russian satellites are not stationary, the antenna must be precisely motorized to follow them and has been computerized for unattended, 24-hour tracking. The Russian signal is circularly polarized, not linear or orthogonal like the signals of American birds, and the Russian bandwidth is 50 mhz compared to the American 36. Sound is transmitted as part of the Russian TV picture. The two systems produce color differently, and the Russian picture is 625

lines as opposed to the American 525.

Columbia said that Schaffer will continue as a technical consultant to the Working Group on Soviet Television, an interdisciplinary group of faculty members, fellows and graduate students at the Harriman Institute at Columbia. The working group plans to systematically investigate the content, styles, patterns and purposes of Russian television, develop new ideas on scholarly and other uses of Soviet TV, conduct its own research projects and publish the results of its studies. □

Changing Hands

PROPOSED

KZAP(FM) Sacramento and KWSS(FM) Gilroy, both California; KZZP-AM-FM Mesa and KNST(AM)-KRQQ(FM) Tucson, both Arizona, and KMJJ(AM)-KLNC(FM) Las Vegas. □ Sold by Western Cities Broadcasting to Nationwide Communications Inc. for \$43.5 million. **Seller**, based in Montecito, Calif., is principally owned by Peer Pedersen, Howard Warren and Richard Phalen, who own no other broadcast properties. **Buyer** is station-group subsidiary of Nationwide Mutual Insurance Co. which is based in Columbus, Ohio. NCI is headed by Clark Pollock, president. It owns two AM's, five FM's, three TV's and cable system serving Lancaster, Ohio. This purchase will make NCI largest FM station group with 10 FM stations. KZAP is on 98.5 mhz with 50 kw and antenna

495 feet above average terrain. KWSS is on 94.5 mhz with 1.15 kw and antenna 2,580 feet above average terrain. KZZP is on 1310 khz with 5 kw day and 500 w night. KZZP-FM is on 104.7 mhz with 100 kw and antenna 1,500 feet above average terrain. KNST is on 940 khz with 1 kw day and 250 w night. KRQQ is on 93.7 mhz with 25.5 kw and antenna 150 feet above average terrain. KMJJ is 1140 khz with 10 kw day and 2.5 kw night. KLNC is on 98.5 mhz with 25 kw and antenna 320 feet above average terrain. *Broker: Kalil & Co.*

WMAR-FM Baltimore, WJTZ(AM) Newport News and WNVZ(FM) Norfolk, both Virginia and WCRJ-AM-FM Jacksonville, and WCFI(FM) Daytona Beach, both Florida □ Sold by Abell Communications Corp. to S&F Communications Corp. for \$17 mil-

lion, comprising \$15 million cash and remainder note (BROADCASTING, Sept. 24). Purchase price for WMAR was \$4.5 million; WCFI-FM: \$5 million; WCRJ-AM-FM: \$4 million, and WJTZ(AM)-WNVZ(FM): \$3.5 million. **Seller** is station group subsidiary of The A.S. Abell Co., Baltimore-based publisher of *The Baltimore Sun* and *Country Magazine*. It will retain WMAR-TV Baltimore. **Buyer** is owned by Stephen D. Seymour (62.5%) and Stuart D. Frankel (37.5%). Seymour is former president and CEO of Abell Communications, and Frankel is former president, Abell's Radio Division. They have also purchased WFL-TV Raleigh, N.C. (see below). WMAR-FM is on 106.5 mhz with 29 kw and antenna 620 feet above average terrain. WJTZ is on 1270 khz full time with 1 kw. WNVZ is on 104.5 mhz with 50 kw and antenna 500 feet above average terrain. WCRJ is daytimer on 1530 khz with 50 kw. WCRJ-FM is on 107.3 mhz with 100 kw and antenna 350 feet above average terrain. WCFI is on 101.9 mhz with 100 kw and antenna 581 feet above average terrain.

WFL-TV Raleigh, N.C. □ Sold by Family Television Corp. to S&F Communications Corp. for \$15 million cash (BROADCASTING, Sept. 24). **Seller** is principally owned by Grant Cotton, president and general manager. It has no other broadcast interests. **Buyer** is owned by Stephen D. Seymour (62.5%) and Stuart D. Frankel (37.5%) (see preceding item). WFL-TV is independent on channel 22 with 1416 kw visual, 232 kw aural and antenna 1,150 feet above average terrain.

WRBD(AM)-WCKO(FM) Pompano Beach, Fla. □ Sold by Rose Broadcasting Co. to Sconnix Broadcasting Co. for \$2,050,000, comprising \$1,550,000 cash and remainder note. **Seller** is owned by Glenn A. Killoren and his wife, Grace; John H. O'Neill Jr., and his son, John H. O'Neill III, and Robert F. Bell. They have no other broadcast interests. **Buyer** is equally owned by Scott R. McQueen, Randall T. Odeneal and Theodore E. Nixon. It also owns WKZU(AM)-WLNH-FM Laconia, N.H.; WTMA(AM)-WSSX(FM) Charleston, S.C.; WLLR-FM East Moline, Ill.; WMRZ(AM) Moline, Ill.; WBOS-FM Brookline, Mass., and KFKF-AM-FM Kansas City, Kan. WRBD is on 1470 khz with 5 kw day and 2.5 kw night. WCKO is on 102.7 mhz with 100 kw and antenna 350 feet above average terrain.

KUUT(FM) Orem, Utah □ Sold by Christenson Broadcasting Co. to TransCOM Limited Partnership II for \$1.5 million, comprising \$400,000 cash, assumption of \$1 million note and \$100,000 in note. **Seller** is principally owned by D. Garry Munson, Scott V. Christianson and Dominica A. DiMaria. It also owns KKPL(AM)-KGGR(FM) Opportunity, Wash.; KIEE(AM) Harrisonville, Mo., and is applicant for new FM in Albuquerque, N.M. **Buyer** is equally owned by Robert G. Herpe and Eric Hauenstein. It also owns KLZI(FM) Phoenix. KUUT is on 107.5 mhz with 45 kw and antenna 920 feet below average terrain. *Broker: Blackburn & Co.*

KJTV(TV) Amarillo, Tex. □ Sold by Ray Moran to Ralph C. Wilson Industries Inc. for \$1 million. **Seller** also owns KJAA-TV Lubbock, Tex. **Buyer** is owned by Ralph C. Wilson. It

WBRE-TV

Wilkes-Barre-Scranton, Pennsylvania

has been acquired by

Northeastern Television Investors Limited Partnership

Managing General Partner: PBTB, Inc.; I. Martin Pompadur,
Chairman & Chief Executive Officer; Ralph E. Becker,
President & Chief Operating Officer.

Associate General Partner: IRI Television Corp., a wholly-owned
subsidiary of Integrated Resources, Inc.

We are pleased to have served as broker
in this transaction.

BLACKBURN & COMPANY, INC.

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