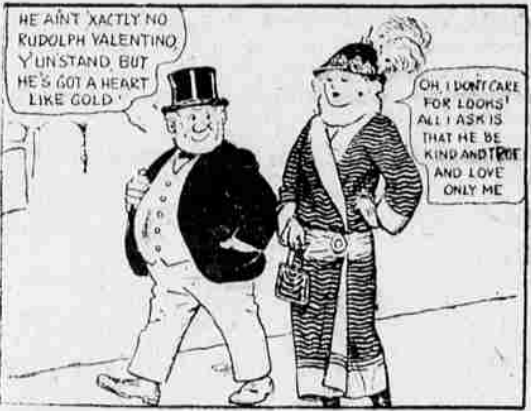


TIM -- THE KELLY KIDS -- TOM



NEW CABLE CUTS OFF AMATEURS

Seven-way Radiophone Cable Installed Near Avalon, Santa Catalina Island

(By Associated Press) AVALON, Santa Catalina Island, July 13.—Making seven conversations flow where but one flowed before is the engineering achievement credited to telephone engineers, who have just finished laying what is said to be the world's first one-pair submarine telephone cable between this island off the Southern California coast and the mainland, 25 miles away. Before the introduction of radio telephony, island dwellers here had to depend on the mails for communication. With the wireless came relief of a sort for with a radio "talk bridge" linking the island telephone line with the vast network of wires covering the mainland, one could carry on a conversation with any point in the United States.

Only one conversation could be carried on at a time by this method, however, and the conversation usually found its way into thousands of amateur radio sets as well as the telephone company's receiving device, thus losing all vestige of privacy. The last-mentioned difficulty was overcome recently by means of a word-scrambling device which made island telephone conversations unintelligible to "outside" receiving sets. Now that the one-pair cable is in place, however, as many as seven conversations can be carried on simultaneously between Avalon and the mainland. The interesting feature of the one-pair cable is that the seven conversations flow simultaneously over a single strand of copper wire in the center of the cable, a system of varied frequencies similar to that used in radio telephony making this possible.

The ship which laid the cable is as interesting as the engineering achievement in which it played a part. It is the United States Army cable ship Dellwood, which came all the way from Alaska to pay out the 60 miles of heavily insulated and armored wire across the channel separating Santa Catalina Island from the mainland. The channel is only 23 miles wide, but its unusual depth required 30 miles each for the two cable lines, which traverse the ocean bed two miles apart and come together at the mainland and island terminals. The Dellwood's Filipino cable crew is used to deep-water jobs, however. Filipinos make the best cablemen obtainable, according to Captain Persons, in charge of the vessel's laying and repair operations. "Our Filipinos don't know what danger is," he said, referring to the perils encountered along the north Alaskan coast, where the Dellwood has been at work for the past year repairing the 20-year-old Washington-Alaska cable, operated between Seattle and Sitka by the United States Army. "When a man goes out over the overhanging bow

in a boatswain's chair to cut a steel cable with a gale blowing, a heavy sea running and ice breaking against the ship, he can't be troubled with a yellow streak. Our Filipinos do that and similar stunts every day in Alaskan waters." The Dellwood's mechanical equipment for its task included five huge tanks, capable of holding 1,700 miles of deep-sea cable wound about hollow steel cores. On the forward deck is the cable "picking up" machine, which brings up the worn-out cable on a repair job, and on the after deck is the "paying out" machine which brings the cable up out of the tanks in the hold and pays it out over the stern on to the ocean floor.

LAW MAY BE ADOPTED.

ROSEBURG, Or., July 13.—The Wheeler high school fund law will be adopted in Douglas county, providing the validity of the law is upheld by the attorney-general, the school district boundary board announced today. The board in its meeting agreed to adopt the law, which is made optional with the counties, but the board's action was challenged on the grounds that the Wheeler law, which is optional, does not repeal the old tuition law.

SCORPION STINGS BOY.

BEND, Or., July 13.—Billy Webb, 4-year-old son of Mr. and Mrs. J. H. Webb of this city, was stung four times by a scorpion today before he could dislodge the venomous insect which had crawled into his convulsions. The bites were cauterized and the boy will suffer no permanent effects.

An Observer Want Ad will sell it.

Advertisement for 'Faultless Bathing Cap No. 825'. Includes an illustration of a woman's head wearing a cap. Text: 'Bath Caps A Special Lot This Week at 15c EACH Also a large assortment of all kinds, ranging in price up to \$1.00 each. RED CROSS DRUG STORE'

WOMEN OF TURKEY MAY SOON CAST OFF THE FETTERS

(By Associated Press) CONSTANTINOPLE, June 13.—Turkish women seem destined soon to enjoy the same freedom and privileges as women in the United States. Mustafa Kemal has promised them the vote and they are now beginning to shake off the fetters which have kept them to domestic bondage since time immemorial. A great women's political congress will be held here shortly, and a country-wide suffrage movement inaugurated. Women possessing diplomas of higher or secondary education may appoint delegates.

One of the leaders of the new movement says the object of the Turkish women is to obtain the vote peacefully within two years. Meanwhile, the first step in this direction was won recently when the women elected a Turkish woman teacher on the council of primary education. Women voters appeared at the electoral assembly in greater numbers than the men, and this was interpreted as showing modern enlightened Turkish women's keenness in social matters.

Mrs. Mark Bristol, wife of Admiral Bristol, the American High Commissioner, is active in Turkish social and civic societies and has given the Moslem women leaders much useful

counsel based upon the experience of American women in political and public life. Ninety per cent of Turkish women are illiterate. Their education extends little beyond a memorization of parts of the Koran (Turkish Bible) and a certain acquaintance with household and maternal duties. Their husbands regard them as merely convenient mediums to minister to their needs and pleasures.

Grandma Knocked Down.

CHEHALIS, July 12.—Marjorie and Dora Pete, aged 11 and 12, Indians living near Harmony, were paroled to an uncle, John Ike, pending removal later to an Indian school. When their aged grandmother, Mrs. Bat Kiona, refused the pair permission to attend Toledo's Fourth of July celebration, they knocked her inensible with an ax and went with a neighbor. The grandmother will recover.

Astoria Buys Land.

ASTORIA, Or., July 12.—The Astoria Golf and Country club closed a deal for the purchase of approximately 120 acres of land and a residence in what are known as the Ed Taylor and Poole tracts on Clatsop plains. The property lies adjacent to the main highway and just north of the entrance to Sunset Beach. R. C. F. (Jack) Astbury has been employed to lay out the proposed golf links on the property, and archi-

itects are preparing the plans for converting the residence into a clubhouse. The club, which was recently organized, has a charter membership of 130.

New Type of Blouse.

NEW YORK.—A new type of white georgette blouse shown here today is plaited in back and front and has short sleeves almost to the elbow. A distinctive touch is added by a soft georgette girle which Egyptian fashion, lies directly in front.

It is the density of population outside of New York, however, that makes bucket-hops thrive.

Why should there be a third party? Those who are mad about something can vote for Dems, as usual.

Watch for the first page of the second section in the Saturday Observer.

Large advertisement for 'FURNITURE SALE'. Text: 'FURNITURE SALE BEGINS SATURDAY, JUNE 14th Every Article of Furniture in an Enormous Stock REDUCED WATCH FOR PRICES 4 Floors of Fine Furniture W. H. Bohnenkamp Co.'

Advertisement for 'The Bootery Inc.'. Text: 'See Carr's Big Ad on Page 4 and 5 SPUNTEX HOSIERY In All Colors \$1.50 FEW AS GOOD. NONE BETTER. AS GOOD AS ANY. BETTER THAN MOST. The Bootery Inc. A Paradise for Tired Feet Home of the Arch Aid Shoe GROVER SMITH, Mgr. 206 Depot Street Phone Main 118'