

# Tiny Television Camera May Open Way for Exploration of Sea Depths

By GLENN STACKHOUSE  
United Press Correspondent  
San Francisco — A tiny television camera, no bigger than a cigar box, has opened the way for exploration of the last great unknown territory of the world—the depths of Davy Jones' locker.

This latest development in a closed-circuit video will soon give man a closeup look at undersea areas which previously have been as remote and mysterious as outer space.

The fascinating possibilities of submarine TV was expounded by William Evans Jr., vice president of the Kin Tel division of Cohu Electronics, Inc., of San Diego.

Evans said Kin Tel's gadget is a mid-sized television camera and transmitter encased in a sort of miniature bathosphere, or diving bell, capable of televising the ocean's floor with the aid of powerful colored searchlights.

He said the principal customers for underwater TV have been the Navy and offshore oil exploration firms. But he said these users so far "haven't even scratched the surface" of its possibilities.

**Salvage Work**  
Its main function for the Navy has been in salvage work. Operated by remote control from the surface, the cameras survey underwater ship damage. What the

TV "eye" sees in the depths is transmitted to a viewing screen aboard a salvage ship to allow experts to assay the damage.

The Navy also uses the equipment to inspect such things as submarine nets and is experimenting with the TV camera as an underwater mine detector.

In oil exploration, Evans said, the TV camera provides the company's geologists first-hand view of the rock formations and canyons of the ocean bottom to make decisions where to drill.

"This job previously was done by divers," he said, "but this has been inefficient because the divers aren't geologists and the oil company scientists had to rely on second-hand information from a layman."

**Special Lights**  
The powerful floodlights used with the equipment enable the cameras to "see" for several hundred feet even in the pitch blackness encountered at great depths, Evans said. Because the television lenses can see light that is invisible to the human eye, the equipment uses special ultra-violet lights which penetrate the water much further than ordinary white light.

Evans said he saw virtually no limit to the depth at which the cameras can be made to operate. He predicted that some day they will be used to explore such spots as the 34,400-foot Mindanao Deep of the Philippines, a place that scientists have only been able to guess about.

"The possibilities of undersea television are staggering," Evans said. "It can be used by oceanographers to make a detail map of the ocean's bottom which previously has been charted only by blind soundings."

It has possibilities for commercial fishermen to sight schools of fish. And for the romantic, the cameras might find sunken treasure ships.

# Some Experts Think Market May Do Better After Labor Holiday

By ELMER C. WALZER  
United Press Financial Editor  
New York — Some Wall Street experts after deep study on their respective park benches have concluded the market just might do a lot better after Labor Day.

They point out the selling since July 12 has done a lot toward correcting an overinflated market at a time when inflation was losing its sting generally.

In their study of the market's prospects for the future the market men turned some of their deep thinking on the causes of the sharp decline in prices of equities.

**No Big Boom**  
The main reason brought out was that inflation talk didn't set off a big boom as many had anticipated. There had been so much inflation talk that the stock market observers had begun to think this was the type of inflation that would send people scurrying away from dollars into goods at any price.

It just didn't work that way. People resisted high prices and the net result was a profit squeeze instead of a profit boom.

It wasn't that Wall Street wanted inflation or simply that Wall Street needs it to have a real bull market.

The idea had been that with inflation here, the people just could not put all their money into potatoes, or motor boats, or other goods, so they'd buy stocks and the prices would go up and up.

When it didn't work out as expected the market fell of its own weight. Demand dried up and small amounts of selling brought wide declines.

Now that there has been a correction without many rallies,

the market men anticipate an adjustment to a new situation—a high rate of business without a boom.

They look for strength in many sections of the list on the basis of merit of the particular issue rather than an overall rise. These experts point out that there still is a lot of money seeking investment. Some of this, they feel, will go into bonds which provide better yields than many stocks. But they also look for a new demand to develop for a long list of stocks, a list sufficiently long to give the market an appearance of strength.

Once the economy adjusts similarly, the demand for money lightens moderately with a possibility of a dip in money rates, it is held.

# Catholic Award Given To Medford Boy Scout

The Ad Altare Dei cross was presented recently to Arthur J. Erving, son of Mr. and Mrs. Arthur G. Erving, 344 South Grape st.

Fourteen-year-old Arthur received the award as recognition from the Catholic church for advancement made in the spiritual content of scouting, according to Father John Ilg, Sacred Heart Catholic church.

The award is made on the authority of the bishop of each diocese, Father Ilg explained. To qualify generally the youth must have become a First Class Scout, attended services over a period of time, have done a daily good deed and provide satisfactory proof.

The candidate must also furnish a chart of his parish and city and be able to give directions to the hospitals.

Erving is the second youth in the parish to have received the award. The first was presented about nine months ago to Jerry Randolph, son of Mr. and Mrs. Richard Randolph, 120 Ashland ave.

Approximately four youths are now working toward the award, Father Ilg said.

About 8 percent of all the coal mined in the U.S. comes from Pennsylvania, West Virginia, Kentucky and Virginia.

# License Suspended For Drunk Driving

Guy Goin, Delhi, Calif., was fined \$255 in district court Friday after he pleaded guilty to charges of driving while under the influence of liquor.

A 10-day jail sentence was suspended by Judge James Main on payment of fine and Goin's operator's license was suspended for 90 days.

There will be an estimated 530,000 new cases of cancer in the U.S. during 1957, according to American Cancer society official estimates.

A cow eats about 100 pounds of food daily to produce 20 to 25 pounds of milk.

**Contracts Awarded for Highway Construction**  
Salem—The State Highway commission Saturday awarded a \$666,289 contract to Roy L. Houck and Sons, Salem, for 1.95 miles of grading on the Pacific highway near Albany and a railroad overcrossing.

Also awarded was a \$500,656 contract to Parker-Schram company, Portland, for .60 mile grading and paving on the Highlands Interchange section of the Sunset highway west of Portland.

Canadian rivers are estimated to have one-fourth of all the potential hydroelectric power in the world.

# On The Side

By E. V. Durling  
(Distributed by King Features Syndicate, Inc.)

Are you a bit bulgy? If so, you better check your weight on the charts showing what you should weigh for one of your sex, age, heights and type of figure. After you have reached the age of 35, each pound of overweight decreases your life expectancy by one per cent. So claim the life insurance company statisticians. Of course, there are exceptions to this rule. Theodore Liebler Sr., well-known theatrical producer of the yesteryear who weighed 300 pounds or more lived to be 90 years of age. Who is the oldest fat man you know?

Right, Edgar, you tell us why New York couldn't keep the Giants. A. You have the query reversed, sir. It should be: Why couldn't the Giants keep New York? That is, why couldn't they keep the local fans interested enough to continue a patronage that would be profitable. The answer is simple. The New Yorkers grew tired of the phoney lively ball, the cheap home runs into a shortened right field stand, the fake arguments with the umpire, etc. It wouldn't surprise me if the Giants experienced the same box office trouble in San Francisco, which has a highly sophisticated population.

# Stogie Department

Am practically cleaned out of stogies. All because of my grievous error as to the number of places named Dublin in the United States. While there are more Dublins in this country than I said, there seems to be a disagreement as to the exact number. The Encyclopedia Britannica Jr. lists 12. A Brooklynite, however, claims there are 17. He includes Dublin, Idaho, which he says has a population of three. I wonder if I have a reader there.

# Junior Colleges Now Permitted

A bill passed by the 1957 state legislature opened the way for community junior colleges in Oregon. It allows a school district to establish a junior college or several school districts to form a college district.

To qualify, a district must have an estimated true cash value of \$20 million, enrollment in grades nine through 12 of at least 500, and adequate library and plant facilities. The state board of education must give approval.

Courses of study may extend up to two years beyond the twelfth grade.

Reimbursement from a special account set up under state basic school support will not exceed 25 per cent of the operating costs of a junior college. Ninety-thousand dollars were appropriated out of the fund for the 1957-59 biennium for community colleges.

# Sidelights

Franz Weichsebraun, who is 105 years of age, is the oldest man in Austria. His recipe for a long life is: "Drink milk until you die but stop having girl friends at 80". Am informed that to get "closed TV" programs, such as championship boxing bouts, on a home set requires no particular technical knowledge. It is accomplished by an attachment made for the purpose. However, my informant does not say where this gadget can be obtained.

# Songwriting

There is not much of a market for poetry these days. Those having poetic talent should try writing lyrics for popular songs. In this connection it is interesting to note that Dorothy Fields was a high school teacher and a writer of magazine poetry when she switched to popular song writing. In partnership with Jimmy McHugh she wrote such hits as "I Can't Give You Anything But Love Baby," "On the Sunny Side of the Street," "I'm In The Mood For Love" and "Lovely To Look At."

# Marrying Man

So you think Tommy Manville, who has been married 10 times, is a much married man? Ben Ahmed of Singapore, who is 73 years old has been married 69 times. He is the father of 60 children. He is about to be married for the 70th time.

# Horses and Women

Has your wife what is referred to in the women's wear industry as a "difficult figure"? If so, she may be interested in knowing that a recent survey has revealed that only 10 per cent of British women can wear "ready to wear" clothing without alterations.

# Please Note

Did your mother come from Ireland? How about your father? My grandgather came from there. The exodus from Erin's Isle has been going on for some time. The population of Ireland is now less than half what it was 116 years ago. In 1841, it was 6,529,000. Today it is 2,894,822.

# Standing on Head

Standing on the head stimulates the brain. I have known several successful fellows who spent a brief period standing on their heads when seeking an idea. Sam Wood, the great film director, was one of them. Michael Grace, the shipping magnate, stands on his head for brief periods. However, Mr. Grace does not do it to stimulate thought. He says it is good for sinus trouble.

# Vice-President of Paper Company Dies

Portland — Joseph R. Frum, retired assistant vice president of Crown Zellerbach Corp., died in a Portland hospital Friday. He was 65.

Frum was associated with Crown Zellerbach for 38 years before retiring in October, 1956.

# 'Something Different' In Eagle Point Music

Eagle Point — "Something a little different" will be introduced in music activities of Eagle Point schools this year, according to Charles Martin, high school music supervisor.

Martin promised a "treat" in marching maneuvers performed by the marching band at home football games. The group contains 50 pieces.

The 30-member concert band will follow the new trend with a "pops" concert. An operetta is scheduled for November by the high school chorus. New robes are being made for the group by the Parent-Teacher Student association.

Grade school music is under the supervision of Keith Krambeal, who will direct beginning and advanced bands and intermediate and upper grade choruses.

**IRRIGATION PUMPS**  
to 60 H.P.  
From \$29.50 up  
1/2 H.P. SHALLOW WELL \$89.50  
1/2 H.P. DEEP WELL \$96.00

**ACT NOW!**  
Siskiyou Hardware  
Ph. SP 2-2939—225 W. Main  
MEDFORD, OREGON  
We Give S&H Green Stamps

Sales - Rentals  
Folding WHEEL CHAIRS  
Open Sundays and Holidays  
10 a.m. to 9 p.m.  
Weekdays 8:30 a.m. to 10 p.m.  
HUDSON'S PHARMACY  
613 E MAIN—PH. SP 3-5345  
1 Block East of Hawthorne Park

# Translator Operates For TV Signal Relay

The Southern Oregon Broadcasting company and the Oregon-California Television, Inc. put into operation Thursday a TV translator to relay signals from KBES-TV to the Illinois valley.

The unit is used to pick up signals from KBES-TV's main transmitter and change them into ultra-high frequency signals on channel 70 before forwarding them to the valley. The pickup translator is located on Eight Dollar mountain.

A rhombic antenna is being used to get the ghost-free pictures, according to Ed Malone, engineering vice president of KBES-TV. Tests proved that pictures were received at the Oregon Caves and almost all points in the Illinois valley. Work is underway to clear the picture received at Kerby and Selma.

# Two Sept. Drills Cut For Guard Companies

Two September drills for Medford National Guard companies have been curtailed due to reallocation of federal funds, Capt. Bert W. Riebe said Saturday.

Instead, drills will be held for headquarters company on Sept. 9 and 23 and Company A on Sept. 10 and 24. Both companies belong to the 186th infantry.

All cancelled drills will be made up next spring during rifle range practice, Captain Riebe said.

**OPENING**  
JOHN'S BARBER SHOP  
From 10 to 7 Tues. to Sat.  
1951 West Main

For Over 25 Years  
A Dependable Place to Buy  
Safe-Satisfying  
OIL HEAT  
QUAKER HEATERS JOHNSON BURNERS  
STANDARD HEATING OILS  
Expert Oil Burner Service  
**Valley Fuel Co.**  
26 West Main Phone SP 3-1576

Announcing...  
THE APPOINTMENT OF  
**WESTON CROW**  
Special Agent  
Representing  
**NATIONAL HOSPITAL ASSOCIATION**  
"Originators of Prepaid Medical and Hospital Care"  
WITH NEW OFFICES LOCATED  
IN THE  
**JACKSON HOTEL BUILDING**  
IN CONNECTION WITH THE FIDLER-MACKENZIE AGENCY  
122 East Eighth St. Phone SP 3-3922