

# Sports Events Keep TV Cameraman Busy

By BILL GARDEN

Director of National Broadcasting Company Television Field Pick-ups

Television's ability to bring a world series, a Joe Louis bout, or a top football game into a viewer's living room has made a lot of sports a good deal easier on the fans. But it's no cinch for the men who present these telecasts. Covering a sports event is one of the toughest assignments a television director can draw.

He not only must have the skill required to handle the instruments of his trade—the television camera—but he needs a very extensive knowledge of the particular sport he is bringing to the video audience.

At least two, and often three or four, cameras are used in picking up any sport. The director, perched in a little control room at the stadium or arena, must keep precise tabs on each of his cameras, for he is the man who decides what will be seen on the video screens. That's simple enough for a sport such as tennis or boxing, when all the action is concentrated in the small court or ring. When it comes to football or baseball, however, the going gets rough.

Any Monday-morning quarterback knows that a system of following the action by trying to follow the football seldom helps much for anyone but a gridiron expert. In these days of increasingly complicated spins, fakes and reverses, often the man you think is packing the pigskin has very little to do with the play. That's vexing enough for the average fan, who confuses nobody but himself, but several million persons are depending on the television director to be focussed on what is really going on.

Even more difficult than football is baseball. A grid tilt is restricted to some extent, but not so with baseball. It has a habit of spreading all over the lot as soon as a ball is hit.

If the batter poles a long one out to right field, for instance, the television director is faced with the choice of following the ball as it goes to the outfield, thereby losing track of what is going on on the base paths, or training his cameras on the infield and forgetting what happens to the long fly. The technique usually followed is to keep one camera on the ball for a brief moment after it is hit, and then to bring into play the second camera, which has been covering the base runners. Then back to camera No. 1 as the ball either drops to the ground or is snagged by a fielder. Clearly this necessitates a good deal of plain old baseball savvy. It's tense, nerve-tingling work.

Must Keep Up Action  
Even when the pace isn't rapid the video director and his cameraman have no time to relax. A baseball game goes along in fits and starts, and one of the director's worries is to keep the television pictures moving at a reasonable speed when action on the field has come to a halt.

N. B. C.'s TV baseball men keep their eyes peeled for anything that will make for amusing or interesting telefare. Sometimes they train their cameras on a couple of fans scuffling in the stands. That always livens

# Snowbound U. Technicians Save Apparatus

Two University of Washington applied physics laboratory technicians, snowbound for the past few days in the mountains near Climax, Colo., with the University's "cloud chamber" apparatus, have been successful in getting the equipment out and now are en route here, it was learned today.

The technicians, Elmer Wright and Clinton Luce, were bringing the chamber, used in studying mesotron "bombardment," back to the campus when they were caught in heavy snows.

A University expedition took the equipment to Climax last summer because higher altitudes provided better conditions for nuclear research.

The mesotron is a little-known particle believed to contain important information needed in nuclear-fission research. Wright and Luce stayed behind to bring out the chamber, generator and radar equipment which are carried on a truck-and-trailer.

Other members of the expedition returned earlier. Wright and Luce are expected here in a few days.

# Billion-Dollar-Yen Issue

TOKYO, Nov. 24. (AP)—The Bank of Japan said today its currency issue will total 292,000,000,000 yen at the end of November. (That is slightly more than one billion dollars at the official exchange rate.)

# 'Retired' Veteran of Education System Back at His Old Desk

Washington's public school system long has been one of the highest-ranking in the nation. One of the reasons is quiet-spoken Arthur Marsh, who served 27 years as a kingpin of the Washington Education Association. Till then, the organization had done little more than hold conventions. In 1921 it set up a full-time staff, and Marsh became executive secretary.



ARTHUR MARSH

Marsh held the post 19 years, then asked to be named associate secretary in 1939. He visited teachers' institutes in every county in the state, helping the association—and the state's educational system—to grow up. Marsh considers that the association's biggest contribution has been in giving professional standing to teachers. In 1921, he recalls, the only educational requirement to become a teacher was nine weeks' training beyond high school. Now it's four years of college to teach elementary grades and five years to teach high school.

Marsh's special pride is a 1937 legislative measure equalizing state assistance to schools. That means equal educational opportunities for all children, whether their school districts are rich or poor.

The association has played a major role in establishing teachers' pensions and improving teachers' salaries, which averaged as low as \$415.74 annually in 1904. Last year salaries averaged \$3,298.

Marsh and his wife have two daughters, Mrs. Gladys Davies and Mrs. Annabelle DeArmond, who live with their families at Richmond Beach. After all his busy years, Marsh looks forward to spending a lot of time babysitting with his four grandchildren.

Double Vote for Dewey  
SANDUSKY, Ohio—(UP)—Sandusky voters who wanted to do so voted for Tom Dewey twice on the Republican ticket. It was legal. An attorney having the same name as the Republican presidential nominee sought the county prosecutor's office.

Icelander Curious  
DENVER—(UP)—Colorado's ski fans will concede better snow conditions to no other part of the globe, not even Iceland. A card was received asking for a Colorado ski folder and schedule of events for this season. The card was from Kr. Arngrimsson Reykjavik, Iceland.

Chinese government officials denied charges that most of the surplus war materials which China bought from the United States had been left to rot and rust, but stated a lot of it still on hand is in bad condition.

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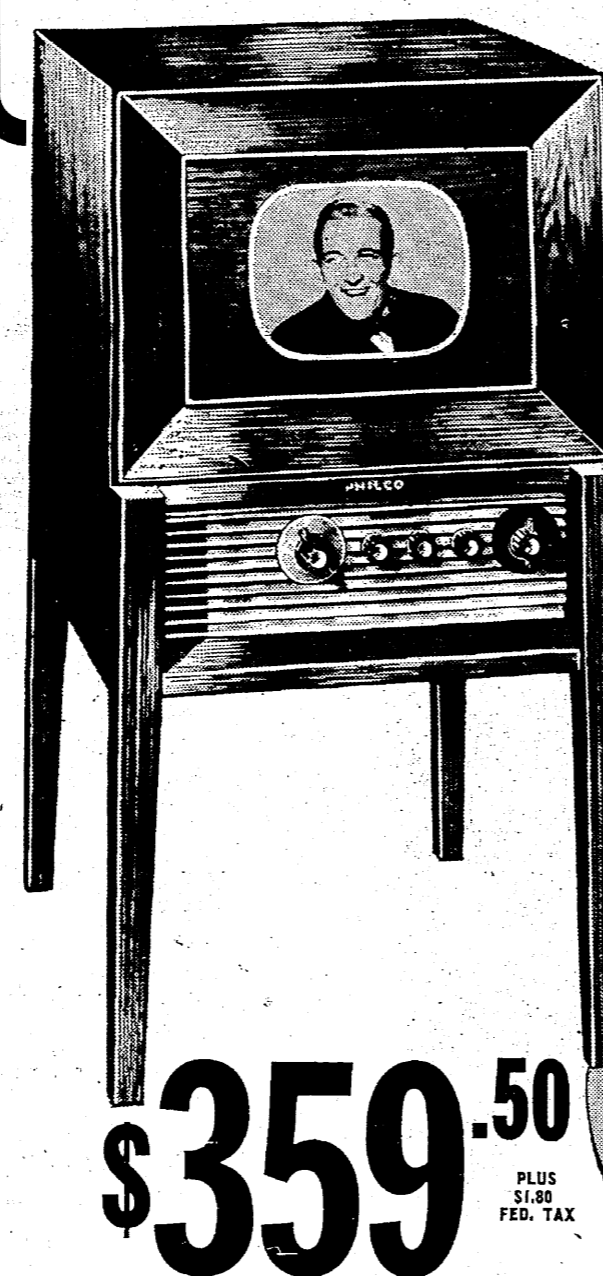
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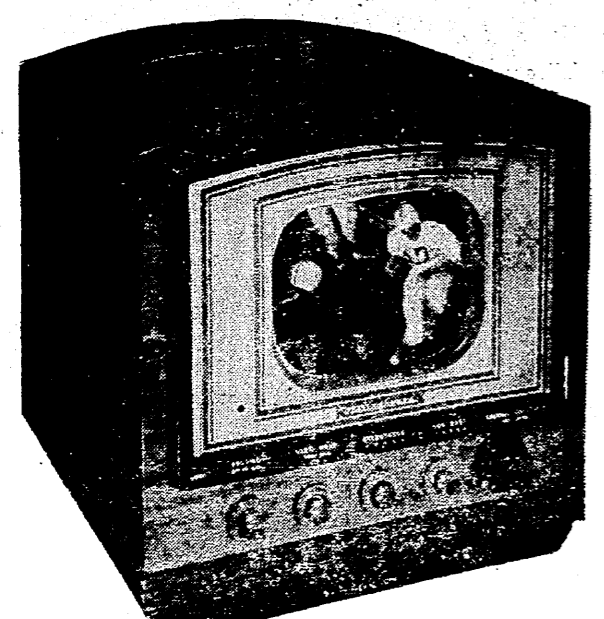
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