



HARRY O. SMART
KRUQ

People who have recently purchased short wave receivers or those who have joined the fraternity of hams within the past couple of years may be somewhat disappointed with the results.

At the present time we are in a "sun spot" condition which is causing rather poor radio reception. The sun spot cycles appear to run

over about a ten year period and range all the way from excellent receiving conditions to very poor conditions.

At this time we are in a very poor condition. It is anticipated that we will start back on the upswing in the next year or two but this will not be known for sure until the time actually comes.

THESE VARYING conditions cause such havoc on the amateur bands that most hams vacate their favorite bands and begin to use those bands which are the least affected.

In general, the higher frequency bands tend to be affected the most. For example, the 10 meter band (in the 30 megacycle range) has been rendered almost useless with the exception of local communication

and a rare "opening" when long distance contacts are still available.

During the favorable part of the sun spot cycle this band was very popular for good long distance work.

On the other hand, the seven megacycle band was used primarily for short range work a few years back and now it is showing some

Painters

(Continued from 1-D)

they all frequent. They are tremendously respected and everyone in France and England is waiting for Renais's next film.

Lamouroux continued, "I don't think there is any connection between the directors and the artists. In France there has been a new realism in painting, following the ideal of Chardin. No, I would not yet consider myself a member of this group. I am still young. In another five years, perhaps. But who knows in what direction the work will go? What I am sure of is that it moves."

TURNING towards the entering sheets at his opening the artist smiled and said, "And now the hostilities commence."

"Place à la Fontaine" looks almost Fauve in the brilliance of its color. Beaches are barren, emphasizing movement and power. With all his bright color there is no loss of the definition of light and dark forms.

"Platanes Bleus" is another bold new landscape. The trees have great strength and do much more than frame the church steeple in the background. The darkness pervading "Port D'Honneur" is full of the undertone of color and is one of his best paintings in the show.

DEFRANCESCO'S transparent watercolors of sailboat scenes attain fine watery effects which tend to lap over into his landscapes, too. The color is decoratively gay, broadly applied, with black lines adding detail.

In "Cathedral" he subdues color to blues and greens, freshly brushed on the sparkling white paper. Accent is provided by the reds and purples in the rose window of the cathedral. "Eternal City" is softer with dark washes adding depth to the more solidly drawn buildings.

interesting possibilities for foreign contacts.

WE STILL have much to learn about the wave propagation at various frequencies but each year seems to bring us closer and closer to the complete understanding we seek. This type of experimentation is just one more of the fascinating aspects of the hobby of amateur radio.

Twenty years ago it was assumed that a very high frequency signal (VHF in those days was considered to be about 45 or 50 megacycles—would be useful only over a straight line or for "line of sight" transmission.

A FEW days ago it was reported that a ham in Massachusetts made

Sept. 13, 1962 THE BIRMINGHAM (MICH.) ECCENTRIC 7-D

contact with a ham in Hawaii on 1296 megacycles. This would be a cycle length of about 23 centimeters.

In spite of the curvature of the earth, however, they did use a straight line transmission by bouncing their signals off the moon—a technique similar to Telestar, but less costly.

In case the term megacycle has confused things, a megacycle is one million cycles or one thousand kilocycles.

ON THE broadcast band the transmitted signal changes direction around 500 kilocycles (500 thousand times per second). At a

frequency of 1296 megacycles, it cycles one billion two hundred ninety six million (1,296,000,000) times per second. This is today known as ultra high frequency.

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NOTICE OF LAND SALE

The City of Birmingham will receive sealed bids at the City Clerk's Office up to 2:00 p.m., Wednesday, September 26, 1962, for the purchase of:

That portion of Lot No. 2 of Assessor's Plat No. 26, City of Birmingham, Oakland County, Michigan, being 50.0 ft. in width and 170.0 ft. in depth lying adjacent to and southerly of Oakdale Avenue as vacated in Ridgedale Park Subdivision, City of Birmingham, Oakland County, Michigan.

This area is located northeast of the intersection of Maple and Hunter Boulevard in the City of Birmingham. The area is zoned "Parking".

Details on the conditions of sale may be obtained at the City Clerk's Office.

Bids must be accompanied by a certified check equal to 10% of the bid.

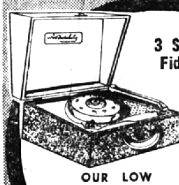
CITY OF BIRMINGHAM
By: Irene E. Hanley
City Clerk

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Thursday, Sept. 13, 1962

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