

WORLD PATRON

# PHILCO CORPORATION

A SUBSIDIARY OF *General Electric Company*

3300 AND "O" STS., PHILADELPHIA 24, PENNSYLVANIA

10 February 1959

Display & Exhibit Company  
1801 East Ferry  
Detroit 11, Michigan

Attention: Art Graham

Dear Mr. Graham,

As Bob Millar has discussed with you, we will be forwarding some models to you for use in the Science area of Ford Pavilion, World's Fair.

Specifically for the area or room depicting "outer-space," we are suggesting the radio astronomy theme. A suggested concept is to place a tracking antenna model in the middle foreground facing the rear - outer space - background. Although the two antenna models are not alike nor to same scale, one can be used in each area. We've furnished Bob Millar with some suggested narratives, one of which can be taped and played through the local sound system. The complete antenna model should be placed on a low pedestal designed to turn slowly through a 90° to 120° arc and then reverse itself; rate of turn to coincide with the approximate 25-second duration of the sound narrative (which also should repeat itself as antenna sweeps in reverse direction). Ideally, the antenna should project a small spot of light against the space/star background as it sweeps. Perhaps you can best decide if this is feasible. On each side of the room, in the foreground, we suggest using a graphic aid - poster or back-lighted screen - explaining (1) what a radio telescope does and (2) how it compares with an optical telescope (i.e., can "see" over twice as far, etc.). We sent rough sketches of these to Bob Millar; you may already have them and I'm sure you can improve upon them.

Under separate cover, we're now sending two small models of the APOLLO manned lunar capsule. Although tiny, if coated with "liquid light" or equivalent, they should stand out under ultra-violet light - suspended near middle of the room against space background. The models, incidentally, were loaned to us by North American Aviation and are authentic replicas of APOLLO as it will look on its return trip from the moon.

*Philco exhibit*



10 February 1954

The patterns will be shipped to you at an early date from  
the Mill Division. Although one of them is Mechan-  
ical, it is definitely not designed for continuous operation.

I'm sure Bob Miller will fill you in more fully or answer  
any questions.

Sincerely,

W. W. Bailey

WWS/s

cc: E. F. Canfield  
Robert Miller  
Marc Parsons ✓