Do you have that data handy?

Mr. Tassin. Let me see, I do not know whether I have that.

Do you know what that was? Could I supply that to you?

Mr. Luman. All right.

## PROCUREMENT OF DATA PACKAGES

Let me ask this also. Looking at the record of the items you bought most heavily, it appears to be the LAU-3A and the LAU-32A/A.

Now, is it true that the Government has had data on these launchers

perhaps throughout the period under consideration? Mr. Tassin. I understand data for these two launchers has been available since 1965, sir.

Mr. Luman. Since 1965?

Mr. Tassin. Yes.

Mr. Roback. Why since then? I mean how did you get data then that you did not have before?

Captain McMorries. I think we have had data on most of the launchers in varying degrees of completeness throughout the history.

Mr. Roback. We noticed throughout various contracts there were small packages of data procured. I mean why a small package here and a small package there? What was the rationale?

Captain McMorries. I cannot address the particular rationale of it. Mr. Roback. Were you trying to sort of create enough data to de-

velop the design information on your own?

I mean why did you buy data today and not tomorrow or yesterday? Captain McMorries. If I can expand on that a moment, I may have to defer, but in general where you have a basic data package, and award to a contractor, a past producer or any new producer is involved, there are during production, and particularly with a change of producers, there are certain changes that may occur, either by product improvement or by Government change orders, and it is normal to require that the producer provide you with revised and updated

Mr. Roback. Theoretically why could you not, every time he puts a little new twist into the item, buy the data so that at the end of the process you have all the ins and outs and new little twists, so that he cannot say or you cannot say or somebody else cannot say well, you are locked in, because he knows all about the little twists. But you have bought some of them but not all of them.

Captain McMorries. This we do by intent in the acquisition of revised drawings.

Mr. Roback. I mean who is responsible technically for signing off on the acquisition of data items, because they say-name a couple

Mr. Luman. This is what I was wondering on the 1965 figure on these launchers because in 1963 in October you paid Chromcraft for reproducible drawings for the LAU-3A/A and the LAU-32A/A.

In 1961 you paid Radiant for data on the LAU-32, and in 1964 you

paid Radiant for data on the LAU-32A.

Now this would appear that the Government, at least since 1963 so far as Chromcraft went and the fact you were able to go to Radiant for one of these launchers that you might have had the data previous