

General KLOCKO. Yes, sir. The first, as I mentioned in this statement here was HF. I think it will be an early victim of the upgrading resulting from satellites.

Mr. ROBACK. What section of your agency deals with the problems of extending satellite technology where it is economical and more efficient?

General KLOCKO. Admiral Dybdal, who is Deputy Director for Plans—

Mr. ROBACK. Can you give us some idea of where satellites can be more efficient and economical?

General KLOCKO. Yes, sir. [Deleted.]

Mr. ROBACK. Does the military have any other cable in the Pacific?

General KLOCKO. They have a cable between the Philippines and Southeast Asia and then a 60-channel cable system in Southeast Asia along the Vietnam east coast, including one cable from Vietnam into Thailand.

Mr. ROBACK. Those are all military cables?

General KLOCKO. Yes.

Mr. ROBACK. Government owned?

PROBLEMS WITH TERMINALS

Mr. ROBACK. What is the problem with the Navy terminals? I gather from what you said that the Navy terminals are experiencing unusual difficulties. Is it the question of stability?

Mr. COHEN. The Navy terminals ran into some problems similar to the ones we ran into on the MSC-46 when they first got in the field. Mostly reliability performance problems under shipboard conditions. They have isolated most of the problems at the present time and they are in the process of designing modifications to take care of it.

Mr. ROBACK. What is the type of problem? Is it a question of other radio emissions on shipboard?

Mr. COHEN. No. These are problems under shipboard temperature conditions, shipboard environment, not interference with other equipment. Some damage as a result of vibrations on the ship as a result of gunfire and things like that.

Mr. ROBACK. What is the objective of the Navy program outside of trying to see whether it is useful? They don't really plan to have terminals on all ships, do they?

Mr. COHEN. No, sir. These terminals are intended for use on the major fleet commanders and task force command ships.

Mr. ROBACK. Selected ships?

Mr. COHEN. Yes. They have only built seven terminals at the present time. Two of these go on national emergency command post afloat ships. The others go on major command ships.

Mr. ROBACK. Your reference to the AN/TSC-54 terminal sounds like it, too, is a questionable item. You sound like you don't know whether it will be any good or not. Isn't it late in the game to express that kind of concern?

Mr. COHEN. We have had several technical problems with the TSC-54, primarily in the prime power supply. The power supply we sent along with the equipment. We have not had—

Mr. ROBACK. What do you mean you sent along?