

synchronized for some of the sights up to a period of as much as 3 or 4 hours just from a flick.

There are several other parameters which have to be very closely followed in the power which most of the people who are dealing with power are not accustomed to.

Mr. HOLIFIELD. This helps explain it.

You require a quality of power, let us say, free from variations which are tolerable in ordinary circumstances.

General KLOCKO. That's correct.

Mr. HOLIFIELD. And do you plan to run the regular power through some type of adapted or converter that would give you a steadier flow of power with less variation?

General KLOCKO. Within about the last 2 years the communications community has realized the acuteness of the power problem and there are several power upgrade projects in being now which are addressing this particular problem because of the criticality of it, sir.

#### COMMUNICATIONS FOR LOGISTICS

Mr. ROBACK. I mentioned earlier, General, the relationship of communications to logistics. We are a little later on going to review with the services some of their basic logistic and supply concepts, and the question arises let us say, as to the logistic system of a service, if additional communications were required, would they be available?

We gather from some preliminary discussions in the Army that their system, which has some deficiencies in it today, would be notably improved if they had a dedicated logistics circuit. Is that practical or is that uneconomical?

General KLOCKO. Well, let me say to start that the logistics systems of all the services are the largest users of the AUTODIN system now.

Mr. ROBACK. But they claim that any time there is any crunch on the system, logistics takes the lower end. They are last in precedence.

General KLOCKO. I think this is by and large true unless they have emergency requirements where they can put the proper precedence on their messages but the vast bulk of what they use does not have any critical time element associated with it and ordinarily doesn't get through the speed of operational type traffic.

Mr. ROBACK. What would be entailed in a dedicated system for Army logistics? What would it require in terms of extra capability?

General KLOCKO. It would require duplication of our present common user system, sir. To that extent you would have to buy a new system.

Mr. ROBACK. Could you just set aside a circuit, let's say? After all you have to trade off some additional cost here against improving the Army logistic system, which is an expensive system.

General KLOCKO. Well, there are certain circuit switching capabilities in the system but they don't necessarily satisfy all of the Army's needs.

Mr. ROBACK. What part of your agency negotiates with logistics users on requirements? I might want to send somebody over there.

General KLOCKO. Well, the requirements is Admiral Dybdal but ordinarily it wouldn't be sorted out that way. We would get a request from the Army for so many circuits or so many entries into the AUTO-