

Mr. COHEN. There are no problems in the satellite. It is all modes of operation at the ground terminals. Types of operation, modulation, at the ground terminals.

Mr. ROBACK. At the presently designed ground terminals there has to be some modification?

Mr. COHEN. Selection of modes of operations considering the present U.S. ground terminals, the planned British and NATO ground terminals, and our plans for the future. A matter of coordination of all of them.

There are no really highly technical problems. We want to be able to talk from one of our terminals through either our satellite or their satellite to one of their terminals and the same way coming back and it requires that the ground terminals have the same type of equipment.

Mr. ROBACK. Is there a technical working group that is now working on this?

General KLOCKO. Yes.

Mr. DAHLIN. With respect to that 6-year switch in the satellites, is there any expectation those will fail, as the one-time switch on the TWT failed? Any test data on it?

Mr. COHEN. No.

General KLOCKO. No. None have been to the 6 years yet so we don't know.

Mr. COHEN. It is very difficult to test. It is a timer. A one-time switch.

Mr. DAHLIN. How about the 12-channel multiplex equipment for the MSC-46? Is this going to multiply the capacity of the system further? Why has this lagged behind in procurement?

General KLOCKO. It is in the point of being upgraded to the 12 channel. It has been a process of getting the stations moved because they do have to go down with this modification.

Mr. DAHLIN. The 12-channel multiplex equipment is the same as that kind of equipment required for the upgrading program? The upgrading of the MSC-46? Is there any difference between this equipment and what was originally contemplated for the upgrading?

General KLOCKO. That is the upgrading.

Mr. DAHLIN. All right.

Now the cable breaks that the satellite was used to fill in for in the Pacific—

General KLOCKO. Guam and Philippines.

Mr. DAHLIN. Did that occupy the various stations in the satellite completely? Do you have to switch over to the whole system in order to provide that kind of emergency capacity? What does it mean to your satellites?

General KLOCKO. It is a matter of priorities. We used all the satellite capacity in order to pass the high-priority traffic which had previously been on the capability. It is just some of the lower priorities that weren't taken care of. There was a reroute capability there and it was used very successfully.

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Mr. HOLIFIELD. Thank you, gentlemen.

We will adjourn to tomorrow morning at 10 o'clock.

(Whereupon, at 12:30 p.m., the subcommittee was recessed, to reconvene at 10 a.m. the following day.)