

General KLOCKO. It's standard communication procedure. On one voice channel you pack 16 or 26 or 28, possibly even more, teletype channels. It's the same type of communications operation which takes place in any type of communication, cable, tropo, microwave, anything.

FACSIMILE COMMUNICATIONS FROM VIETNAM

Mr. ROBACK. Is there anything you can say about the photographic communications? Are photographic communications common in, say, commercial satellite communications, or any other kind of communications?

General KLOCKO. No, sir; well—

Mr. ROBACK. Is this a new development?

Mr. BENINGTON. The technique we are using—

Mr. ROBACK. We would like to see that exhibit now, if you don't mind. I would like the Chairman to see it.

Mr. BENINGTON. The technique we are using is a very high-speed facsimile. In that sense it's quite unique.

Mr. ROBACK. Mr. Benington, I interrupted you. Excuse me.

Mr. BENINGTON. I merely wanted to point out this is a high-speed facsimile—a very high-quality facsimile technique. Unlike television, where a picture is transmitted in real time at the same time the action is developing, in this technique we take the photograph and put it under a sensor device which can get very high resolution and transmit that picture.

That is a unique technique.

Mr. ROBACK. Is there any reason why Comsat can't use this commercially for newspapers or whatever?

Mr. BENINGTON. There are some aspects of it that are still classified.

Dr. TUCKER. In addition, I think there is the problem that to arrange for this kind of channel capacity means a considerable displacement of normal voice communication.

Mr. ROBACK. It's not an efficient use of the communication channel commercially.

Dr. TUCKER. It might not be a commercial use.

Mr. ROBACK. It takes up spectrum space and circuitry.

Dr. TUCKER. Yes.

STATUS OF 30 CIRCUITS IN FAR EAST

Mr. ROBACK. I wanted to ask General Klocko, while we have him here, to summarize briefly, if he would, the situation with regard to the assignment of the Comsat contract for 30 circuits in the Far East. This assignment, which was recommended by the committee, and was, I suppose, part of the FCC order, has taken a considerable time to effect.

I want to know what the problem was.

General KLOCKO. I have a statement here which I would like to read, which recaps this. With the approval of the Secretary of Defense in September of 1965, DCA initiated negotiations with the Communications Satellite Corporation, Comsat, and the U.S. international carriers to provide 30 satellite channels for restoral and diversity of high-priority cable channels in the Far Pacific area.