EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF EMERGENCY PREPAREDNESS
WASHINGTON, D.C. 20504

JUN 9 1971

MEMORANDUM FOR: Mr. Dalton Ward
Office of Telecommunications Policy

SUBJECT: Improved Mobile Channel Radio Telephone System

Between June 15 and July 1, 1971, the present ICS Mobile Radio Telephone System, provided by the Office of Emergency Preparedness in support of continuity of government activities, will be phased out and a new improved system will be activated.

As we have agreed, installation of new equipment in the vehicles assigned to selected officials has been scheduled as follows:

Mr. Whitehead June 18 2:00pm

Your cooperation is requested in arranging to have the vehicle(s) available at the time scheduled in order to ensure the most effective service. The time required for installation will be approximately two hours. Inability to meet this schedule will result in a break in service until a mutually agreeable schedule can be arranged.

A new operating manual and directory listing for the system will be issued to the vehicle driver at the time of installation and he will be thoroughly instructed in the use of the new equipment. A brief summary of equipment characteristics is enclosed.

After installation of the new equipment, your office may place calls directly to the vehicles by dialing as follows:

Mr. Whitehead 186-385-2232

Robert E. Mills

Robert E. Mills
Government Preparedness Office
Plans & Procedures Division

Enclosure

Improved Mobile Radiotelephone Service

The new mobile radiotelephone equipment being installed in the official vehicles of selected Government officials is designed to employ the latest technical features and to simplify use of the equipment.

The principal features of the new service as they affect the user are:

1. Direct dialing between the vehicle and government telephones in the Washington area. Touch-tone calling is provided in the vehicular equipment.

2. Push-to-talk operation is eliminated.

3. Automatic channel and zone selection replaces the present manual switching requirement.

4. Indicator lights are reduced to two.

   Power on light.
   Out of Range/all channels busy light.

5. Improved equipment reliability.

To call the vehicle from:

Government Telephone - dial 186-385 - + assigned vehicle extension.

Commercial Telephone - dial 223-5450, ask operator for 385 - + assigned vehicle extension.

To call from the vehicle to:

Government or Commercial Telephone - dial 19 - + 7 digit commercial number.

Mobile
Raider

Tom - for your
info. Any comments?

Gene

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF TELECOMMUNICATIONS POLICY
WASHINGTON, D.C. 20504

Date: May 6, 1971

Subject: Mobile Radio System

To: Dr. George F. Mansur

As you requested, I met with Russ Young and Dale Johnson this morning to discuss their conducting a minimum trunk study for the OEP Mobile Radio System.

The meeting was something less than fruitful from both AT&T and my point of view. We tried to set up some ground rules under which such a study could be made but nothing either of us suggested seemed to make good sense. AT&T has no figures for mobile use that could be made comparable to this problem because their existing mobile service (commercial) is so poor. The existing OEP mobile system is also of such poor quality that any figures developed on past usage from that system would be misleading.

AT&T is planning to start traffic studies beginning at cut-over and will run them continuously to determine what the new system is doing. They will find out how long it would take to add a new channel or two from the time of order assuming the frequencies are available.

I recommend that we go along with AT&T and watch the system closely. If it becomes apparent that additional trunking is required in the Washington area we may have to assist OEP in obtaining new frequencies to avoid a delay in improving service.

C. T. Babcock

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF TELECOMMUNICATIONS POLICY
WASHINGTON D.C. 20504

Mobile Radio System

OFFICE OF THE DIRECTOR

March 26, 1971

TO: Tom

FROM: George

Court Babcock and I have briefly reviewed the plan for the new ICS mobile radio system. The system is due for cutover on July 1. It consists of 6 base stations covering the area outlined on the attached map. I am satisfied that the base station coverage, and the signal levels would be substantially improved over the older system. The principal changes are the elimination of the "push to talk" feature, the installation of a touch tone dial in both the driver and passenger positions, and the deletion of the requirement for manual selection of a calling area. The system is leased from the Bell System by OEP and is designed to satisfy the OEP requirement for key personnel of critical agencies to maintain contact during the time they are proceeding to their relocation sites.

The system utilizes 3 radio channels for trunking and currently supports approximately 60 users. The technical quality of the service will undoubtedly be superior to the system that it is replacing and, as a result, one may expect substantially more use for routine telephone communications as well as potential emergency service. If this should come about I expect that 3 channels for trunks would prove inadequate and would result in a relatively high "busy rate." Three trunks may also be inadequate during times of emergency.

The mobile equipment in cars is designed so that it is expandable to 8 channels, but base expansion requires addition of a transmitter for each additional channel.

One of the following things will happen when placed in operation:

1. The system will operate satisfactorily if use does not significantly increase.

2. If utilized for routine mobile telephone service the system may become overloaded and restrictions on its use may have to be imposed.

3. If no restrictions are imposed the system may have to be expanded to provide additional trunks.

What are your thoughts? For your information there is a waiting list of 1200 for commercial mobile telephone service in the Washington area.

cc: Capt Babcock

Atch: Map

We should address the
policy question implicit
in #2 & 3. If it's good enough
(& it ought to be) then it
probably should be available
for routine mobile telephone
service. That means being
sure the system can be expanded.
Is 8 enough? Cost?
Who are the 60?
~~x~~ Should we discuss?
T—