

TO: Frank Donovan, New England Telephone

5 August 1969

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Subj: Known telephone problems related to 103E dataset/level8 installation.

Datasets believed to be down:

- ~~A5 Problem unknown~~
- ~~A15 Will not handshake properly~~ *Does not seem to handshake at all*
- ~~A19 Problem unknown (After answer, ring indicator flashes intermittently.)~~ *connects to computer*
- A22 ~~Problem unknown~~ *Hangs up without turning on clear to send.*
- B1 Ringer buzzes when in use
- B4 Intermittent: sometimes returns a low pitched hum rather than ringing. Also sometimes hangs up immediately following handshake.

Datasets with small bugs but working well enough to use:

- A23 Flashes (as though ringing) when in use.
- ~~A33 Carrier detect light does not work (May be fixed.)~~

Troubles presumed to be in the Dataswitch:

~~Auxiliary Trunks 68 and 104~~ ^(Dataset A3) The 103E busy-out function does not prevent callers from attaching to and ringing on ^{this} ~~these~~ trunks.

Trunk 102 (Dataset A16) trips before ringing when called from 103E, and others

Datasets which hang up very slowly if not properly hand-shaken before hangup: (May be trouble in 103E or in Dataswitch?)

- A20 (Aux Trunk 106)
- B4 (Aux Trunk 130)
- B5 (Aux Trunk 131)

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Additional notes:

1. As of 5 August, we have not begun to make any significant use of the level 7 Datasets; more problems will probably show up when we do.
2. A large number of complaints about dialing 8 and receiving a trunk which does not answer, and which cannot be resolved as Multics bugs or unbusyable data sets, lead us to suspect that there are wiring errors in the dataswitch level 8 grading. We will continue to trace these complaints to see if we can get a firmer hold on this problem. Unfortunately, many of them arise during evenings and weekends, during which time assistance in tracing cannot be obtained from the dataswitch room.