

LINE LOAD CONTROL

STEP-BY-STEP AND COMMUNITY DIAL OFFICES

1. GENERAL

1.001 This addendum supplements Section 226-020-610.

1.002 It is issued to relocate information previously covered in Addendum 226-100-100PT. AT&T has renumbered Section 226-100-100 to Section 226-020-610.

1.003 This addendum:

- Adds Forms P 3438 and P 2406
- Provides a flowchart for line load control.

2. DESCRIPTION

The following change applies to Part 2 of the section:

- 2.01(a) — revised

2.01(a) The lines in an office arranged for line load control are divided into three categories known as class A, class B and class C. The A lines include all lines which are considered essential to national defense and public welfare during an emergency. The B and C lines include all other lines. Approximately 20 percent of the lines associated with a given line finder group or line switch bay is assigned to class A. The remaining 80 percent is usually divided equally between classes B and C. The B and C subdivisions are made only for control reasons, so the designations do not have any significance regarding the importance of the lines in these classifications.

4. RECOGNIZING ORIGINATING OVERLOADS

The following changes apply to Part 4 of the section:

- 4.01(i) — added
- Exhibit 1 — added

4.01(i) Form P 3438, Line Load Control (Exhibit 1), should be located at each line load control cabinet. It should be reviewed and posted quarterly. The maintenance supervisor will compute the discharge amperage equivalent to 30% above the current peak load. The Switching Administrator will supply the number of line switch groups having fanning master switches and the number of line finder groups with calls blocked alarms, either of which would suggest the need for line load control. Unless more reliable information is available, these numbers should be 20% of the line switch groups and 25% of the line finder groups.

8. RECORDS AND REPORTS

The following changes apply to Part 8 of the section:

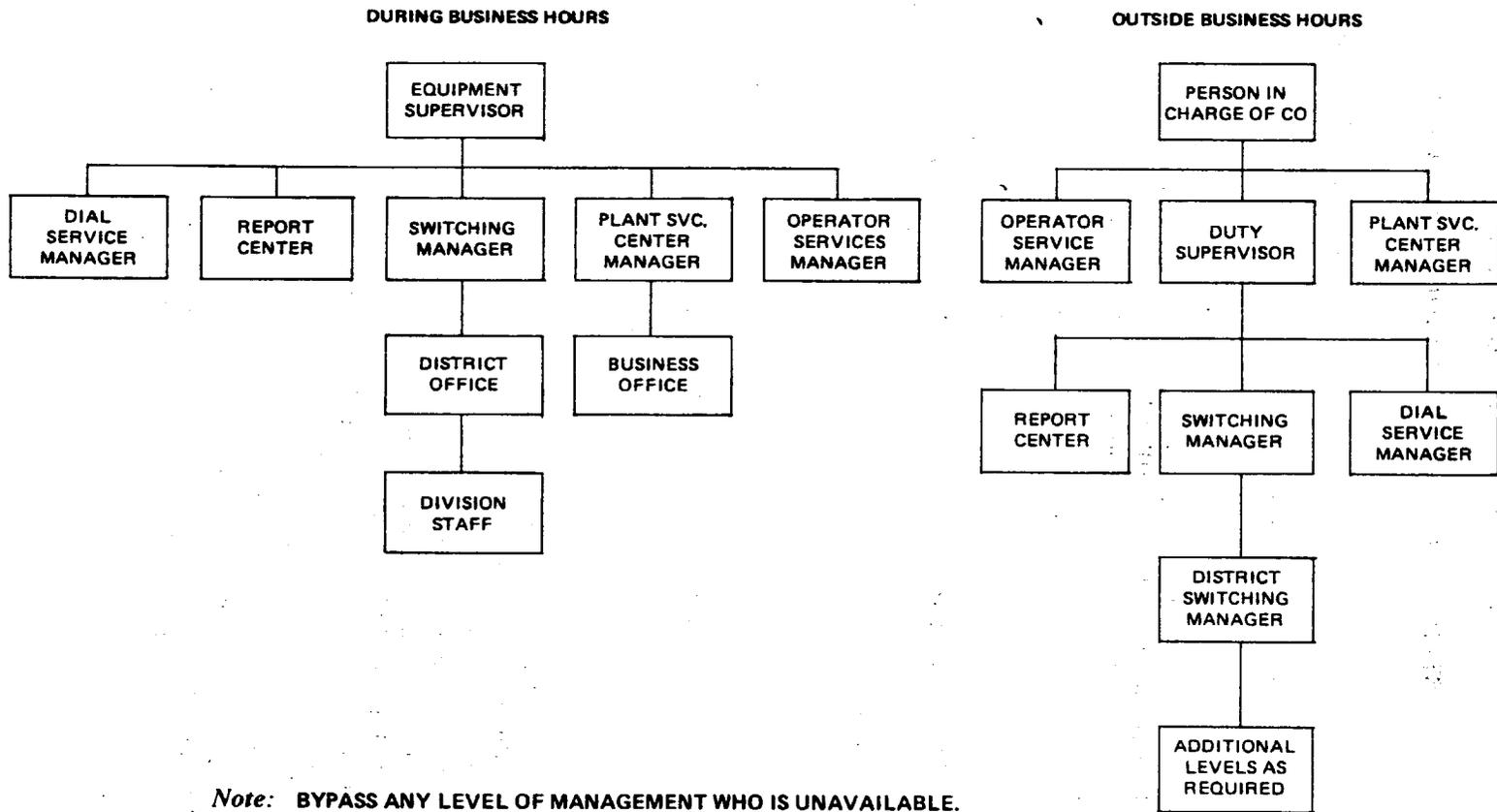
- 8.01 - revised
- Chart A and Exhibit 2 — added

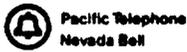
8.01 The required reports of the use of line load control should be entered on Form P 2406, Line Load Control Circuit Operations (Exhibit 2). These reports should include the date, time, and reason for line load control activity, as well as the duration of the abnormal condition. Report the use of line load control through lines of organization as indicated on the flowchart (Chart A).

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

CHART A LINE LOAD CONTROL





**LINE LOAD CONTROL
STEP-BY-STEP AND COMMUNITY DIAL OFFICES**

P 3438 (9-79)
(226-020-610PT)

CONDITIONS FOR USE

- Civil Defense actions
- Public disasters or unusual incidents
- Events such as news reports, advertising, etc.

ORIGINATING OVERLOAD CONDITIONS

- Sudden surge of line finders and/or line switches connecting to lines and remaining connected
- All finders busy in several line groups
- All line finder and/or line switch busy alarms
- Selectors sweeping to eleventh rotary step
- Large number of permanent signals
- Heavy battery drain indicated by the office load meter

MAJOR OVERLOAD INDICATOR LEVELS

Battery Discharge		Calls Blocked		Dates Levels Reviewed		
Amps	LSG's	LSG's				
30% Overload	Fanning Switches	Calls Blocked Alarms				

CAUTION: Before applying line load control, become familiar with BSP 226-020-610PT and applicable emergency instructions.

(Post at Line Load Control Cabinet)



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