

## HISTORIC AMERICAN ENGINEERING RECORD

### INDEX TO PHOTOGRAPHS

NEW JERSEY BELL, NO. 1 ELECTRONIC SWITCHING SYSTEM (ESS)  
144 Route 10 West  
Succasunna  
Morris County  
New Jersey

HAER NJ-150

### INDEX TO BLACK AND WHITE PHOTOGRAPHS

Jet Lowe, photographer, December 1991

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|-----------|--|
| NJ-150-1  | Perspective view of New Jersey Bell building that housed No. 1 Electronic Switching System (ESS).  |
| NJ-150-2  | Master Control Center, containing, from left to right the automatic message accounting (AMA) unit with tape recorders, teletypewriter (TTY), test telephone and maintenance panel, and memory card writer (MCW).   |
| NJ-150-3  | Detail view of Master Control Center with automatic message accounting (AMA) input and control in upper left and AMA magnetic tape recorders below. To the right are the teletypewriter (TTY) input and AMA logic at the top, AMA registers and amplifiers, TTY on a pull-out shelf, and AMA voltage regulators and TTY logic. |
| NJ-150-4  | Detail view of teletypewriter (TTY) in Master Control Center.  |
| NJ-150-5  | Detail view of Master Control Center. Alarm Display and Control is at right with system status, manual system controls, and program controls. The Trunk and Line Test (TLT) panel is to the left.  |
| NJ-150-6  | Detail view of memory card writer (MCW) in Master Control Center.  |
| NJ-150-7  | View of Central Control.   |
| NJ-150-8  | Back of program storage module with protective cover removed.  |
| NJ-150-9  | Back of circuit packs and storage module.  |
| NJ-150-10 | Perspective view from middle of aisle of line switch frame with line link 00, LS 00, LN 00, LS 01, LS 02, and LS 03.   |
| NJ-150-11 | Call store frame, containing the data for calls in progress plus temporary data.   |

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- NJ-150-12 Wiring for the Master Scanner (MS01) and Central Pulse Distributor Central Control frame.
- NJ-150-13 Detail of Central Pulse Distributor wiring.
- NJ-150-14 Detail of memory card and circuit pack.
- NJ-150-15 Maintenance Control Center with trunk line work station in foreground and processing cabinet in the background.