

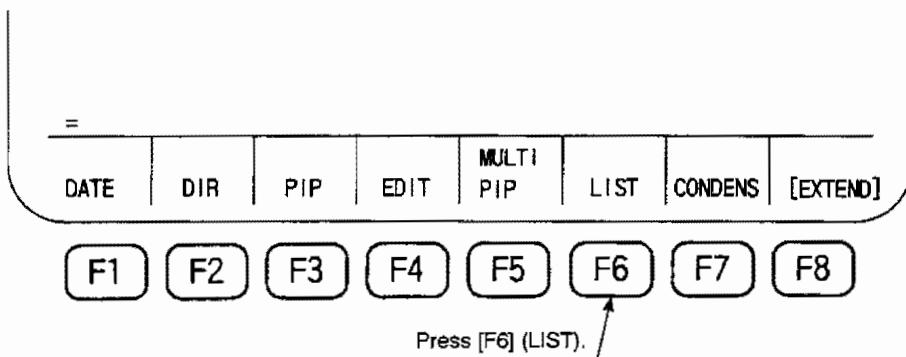
7. List

The list function outputs the list of a file to the display screen, printer, or other external device.

This section describes the details of the list function using the screen for the output device.

The operating procedure is indicated below.

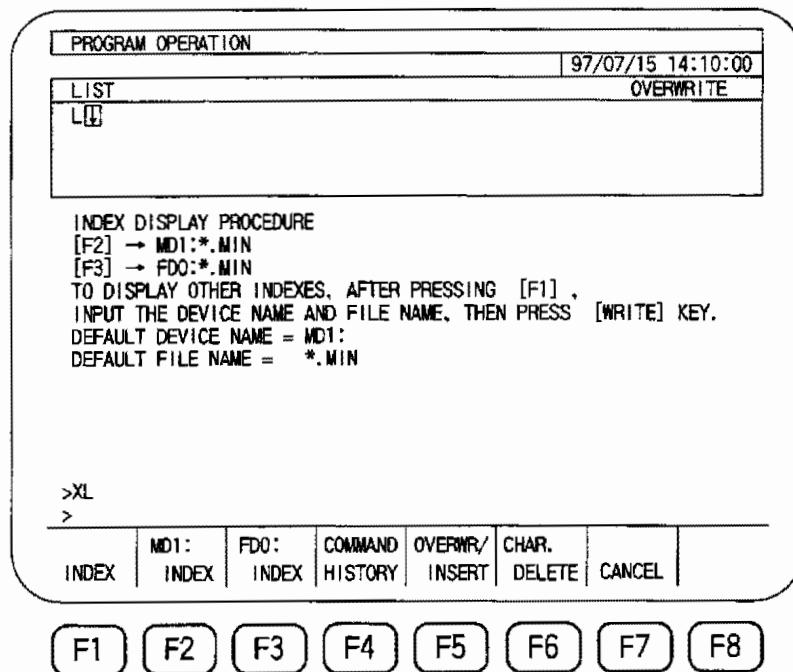
- (1) Press function key [F6] (LIST).



The screen changes to the directory-selection-based file operation screen and the following is displayed on the screen.

LIST

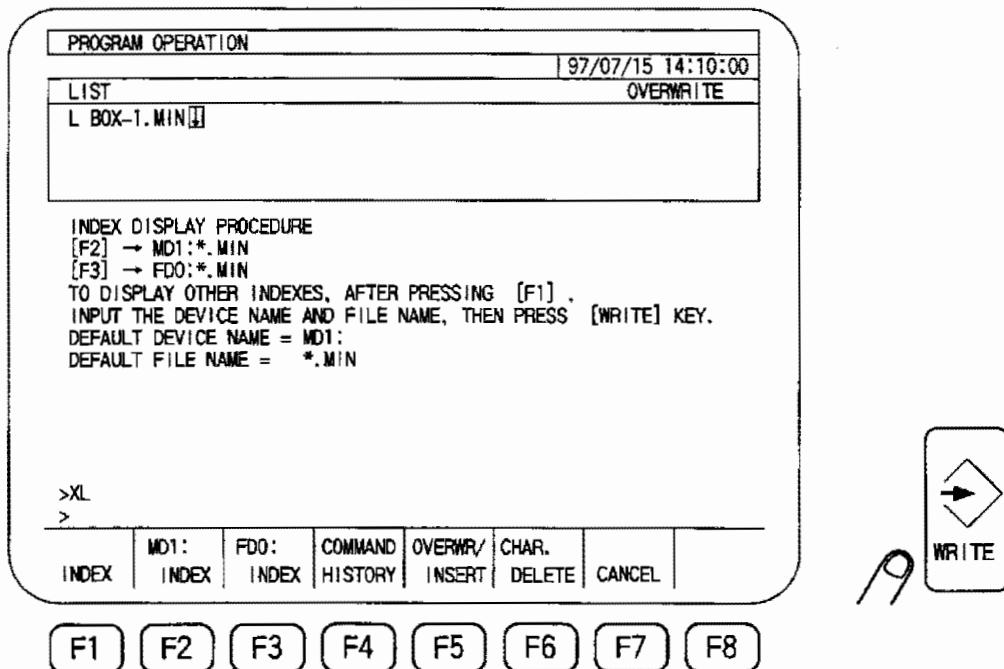
L



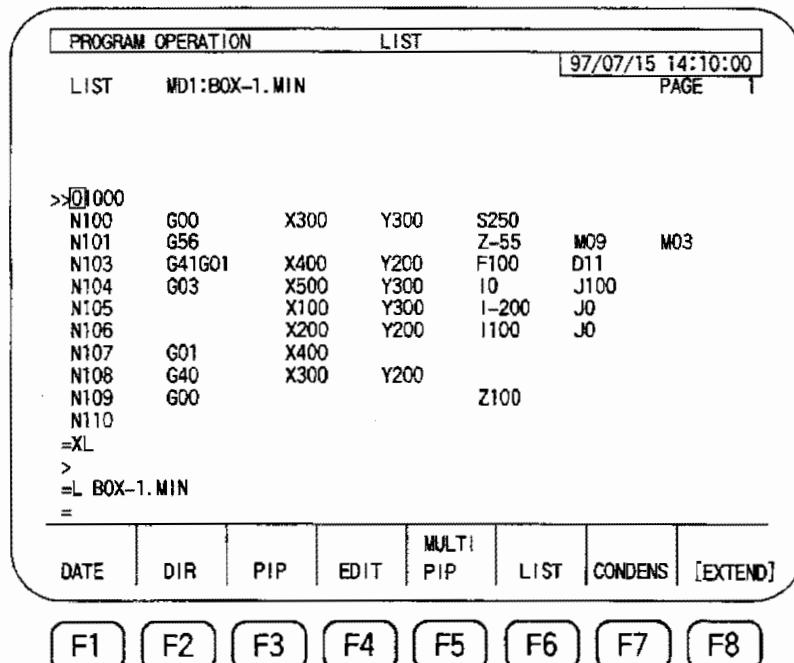
- (2) Enter the file name of the file for which the list should be displayed and press the WRITE key.

Example: BOX-1.MIN

Note that it is not necessary to input the file name for the program for which file name is not specified. In other words, for outputting the list of A.MIN, input of the file name is not required.



The list of file BOX-1.MIN is output to the screen.



[Supplement] 1. The list of a file is displayed in units of 12 lines per page.

If the list cannot be displayed on one page, the “=” code which indicates that the control is waiting for next command input is not displayed on the command line and the cursor remains as it was. Possible operations and the results are as indicated below.

- (a) When the BS key is pressed, the display page will advance by one.
- (b) When the WRITE key is pressed, the display page will advance continuously up to the last page. To stop it, press the BS key.
- (c) When the CANCEL key is pressed, the command is aborted with the display page unchanged.

Example: When the list of a file is large

- (1) press function key [F6] (LIST) and the WRITE key. This will display the first page of the list.
 - (2) press the BS key repeatedly until the required page is obtained.
 - (3) press the CANCEL key to abort operation.
 - (4) the next function can be started with the display unchanged.
2. When a file name has not been entered, the screen will display the list of the file "A.MIN". That is, pressing the WRITE key without entering a file name has the same effect as entry of the file name "A.MIN".
 3. The device name to which the list of a file is output can be specified following the file name.

Each output device is provided with a code as specified below.

Display screen on the NC operation pane	:	PN
Printer	:	PR
Teletypewriter	:	TT

Specify the code of the output device folio wing the file name with a delimiter “,” placed between them. Key in “:” after the output device code.

When an output device code is not specified, the system selects the display screen on the operation panel as the output device.

Example 1: = L : ,PR: [WRITE]

The list of the file named A.MIN is output to the printer.

Example 2: = L : BOX-1.MIN,TT: [WRITE]

The list of the file named BOX-1.MIN is output to the teletypewriter.

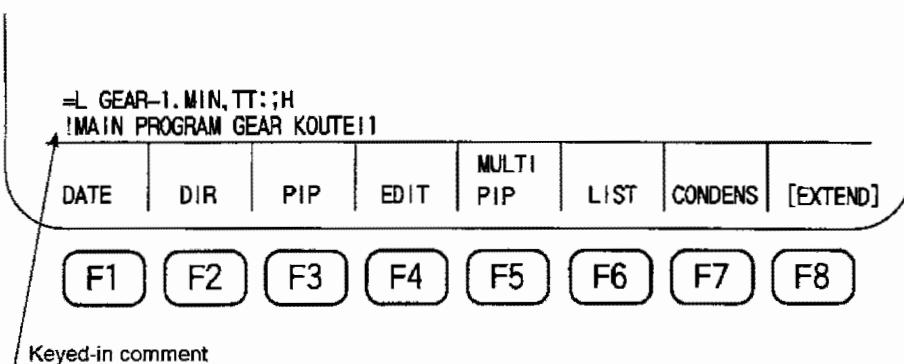
- [Supplement] 4. The option code ";H" allows the operator to add a comment at the beginning of the list page. Key in ";H" following the output device.

Example: L GEAR-1.MIN,TT;;H [WRITE]

When the instructions indicated above are keyed in, the prompt "!" will appear on the command line, indicating that a comment can be entered.

A comment consisting of a maximum of 60 characters can be entered in through the keyboard.

When a command has been entered, press the WRITE key. List output will start.



List output to the teletypewriter is as shown below. The comment is output to on each list page.

L	MD1 : GEAR-1. MIN	PAGE1
MAIN PROGRAM GEAR KOUTE1 1		
O1000		
N100	G00 X300 Y300 S250	
N101	G56 Z-55 H09 M03	
N103	G41 G01 X400 Y200 F100 D11	
N104	G03 X500 Y300 I 0 J100	
N105	X100 Y300 I-200 J0	