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Title:

INSTALLATION OF SECOND-, THIRD- AND  
FOURTH TELETYPE ON RC3600

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Abstract:

This paper explains how the second-, third- and fourth operators console are attached to the RC3600 system via the IOC707 I/O-controller and the TTC711 teletype controller.

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<u>CONTENTS</u>	<u>PAGE</u>
1. INTRODUCTION .....	1
2. SECOND TELETERMINAL CONTROLLER .....	2
3. THIRD TELETERMINAL CONTROLLER .....	3
4. FOURTH TELETERMINAL CONTROLLER .....	4

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1. INTRODUCTION.

1.

Up to four teleterminal controllers can be connected to the RC3600 system. Several different controllers are relevant:

- 1) The teleterminal controller contained in the IOC707.  
(Identical to TTC705 in connection with IOC704)
- 2) TTC711. This controller is placed on the IOC707 PC board  
(Identical to the TTC706 on the IOC704 controller board)
- 3) The teleterminal controller contained in the CPU711  
(RC3703) central processor.

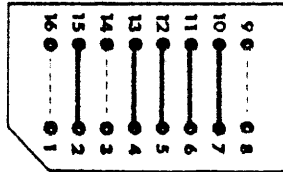
In the following the installation of the second-, third- and fourth teleterminal controller is described.

2. SECOND TELETERMINAL CONTROLLER.

2.

The second teleterminal controller TTC711 is mounted on the IOC707 PC board. (alternativly the IOC704 controller board).

The device code strapping form (position 108) is strapped for second teleterminal (Refer to fig 2.1)



TII1~ 50 (octal)

TIO1~ 51 (octal)

Fig 2.1 Device code strap for second teleterminal.

If the central processor is a CPU711 (RC3703) the first teleterminal controller as well as the Real Time Clock is located on the CPU PC board. Therefore the teleterminal controller and the Real Time Clock contained in the IOC707 must be disabled. This is done by removing the busdrivers (SN7438) of the Real Time Clock (position 53, 62 and 63) and strapping the device code strapping form of the teleterminal controller (position 94) for third teleterminal. (Refer to fig 3.1).

The baudrate strapping form is strapped for the appropriate speed (Refer to RCSL No. 44-RT 1529, page 5) and the signal cable to the teleterminal is attached to the rear chassis signal plug TTC711-J1 (TTC706-J1).

### 3. THIRD TELETERMINAL CONTROLLER.

3.

The third teleterminal controller (like the first) is an integrated part of IOC707.

The device code strapping form (position 94) is strapped for third teleterminal (Refer to fig 3.1)

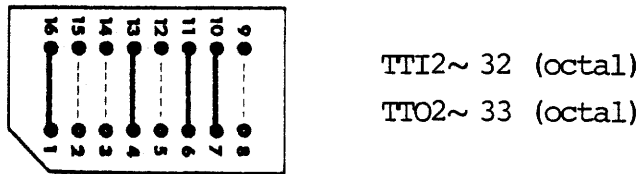


Fig 3.1 Device code strap for third teleterminal

As the Real Time Clock is already present in the system the RTC contained in the IOC707 must be disabled. This is done by removing the busdrivers (SN7438) of RTC (position 53, 62 and 63)

If the central processor is not a CPU711 (RC3703) the system is already provided with a Paper Tape Reader Controller. Therefore the PTR controller contained in the IOC707 must be disabled by either removing the busdrivers (SN7438, position 25, 35, 45, 55 and 56) or by strapping the paper tape reader controller for second paper tape reader (refer to RCSL No. 44-RT 1528, page 8)

The baudrate strapping form is strapped for the appropriate speed (Refer to RCSL No. 44-RT 1528, Page 6) and the signal cable to the teleterminal is attached to the rear chassis signal plug IOC707-J1.

Note: Two IOC707-J1 signal plugs might be found (One for the first and one for the third teleterminal). Make sure the teleterminals are connected to the appropriate controllers.

4. FOURTH TELETERMINAL CONTROLLER.

4.

The fourth teleterminal controller is, with the exception of the device code, identical to the second.

The device code strapping form (position 108) is strapped for fourth teleterminal (Refer to fig 4.1)

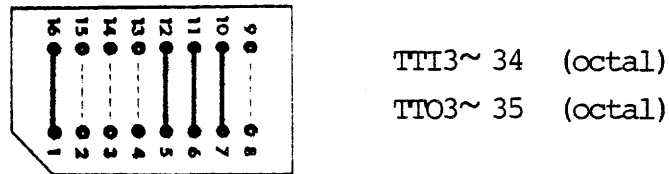


Fig 4.1 Device code strap for fourth teleterminal

If the central processor is a CPU711 the real time clock, the paper tape reader controller as well as the teleterminal controller contained in the IOC707 must be disabled by removing the busdrivers (SN7438, position 25, 35, 45, 53, 55, 56, 62, 63, 102, 103, 112, 113, 114 and 144)

The baudrate strapping form is strapped for the appropriate speed (Refer to RCSL No. 44 RT 1529 and the signal cable to the teleterminal is attached to the rear chassis signal plug TTC711-J1.

Note: Two TTC711-J2 signal plugs might be found (One for the second and one for the fourth teleterminal). Make sure the teleterminals are connected to the appropriate controllers.



