



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**Q.611**

## **INTERWORKING OF SIGNALLING SYSTEMS**

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### **LOGIC PROCEDURES FOR INCOMING SIGNALLING SYSTEM No. 4**

#### **ITU-T Recommendation Q.611**

(Extract from the *Blue Book*)

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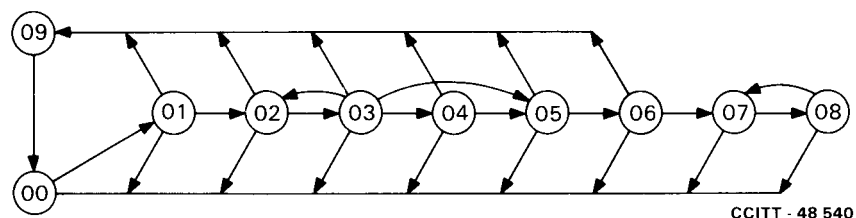
## NOTES

1 ITU-T Recommendation Q.611 was published in Fascicle VI.6 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

## Recommendation Q.611

### LOGIC PROCEDURES FOR INCOMING SIGNALLING SYSTEM No. 4



State number	State description	Sheet reference	Timers running
00	Idle	1, 3	
01	Wait for register activation	1	$t_1$
02	Wait for (next) forward reg. signal	1	$t_2, (t_4)$
03	Wait for digit analysis	2	$t_3$
04	Wait for address-complete	2	$t_4$
05	Wait for register deactivation	3	
06	Wait for answer	3	
07	Answered	3	
08	Clear-back	3	

FIGURE 1/Q.611

State overview diagram for incoming Signalling System No. 4

#### Supervisory timers

$t_1 \leq 5$ s	Recommendation Q.125, § 4.2.4
$t_2 = 5-10$ s	Recommendation Q.127, § 4.4.3 (2), b)
$t_3 \leq 10$	Recommendation Q.125, § 4.2.4
$t_4 = 30-60$ s	Recommendation Q.125, § 4.4.3 (2), a)

#### Procedures not shown

The following procedures, not directly relevant to interworking, are not shown in the logic procedures:

- Procedures for terminal connection

FIGURE 2/Q.611

Notes to incoming Signalling System No. 4

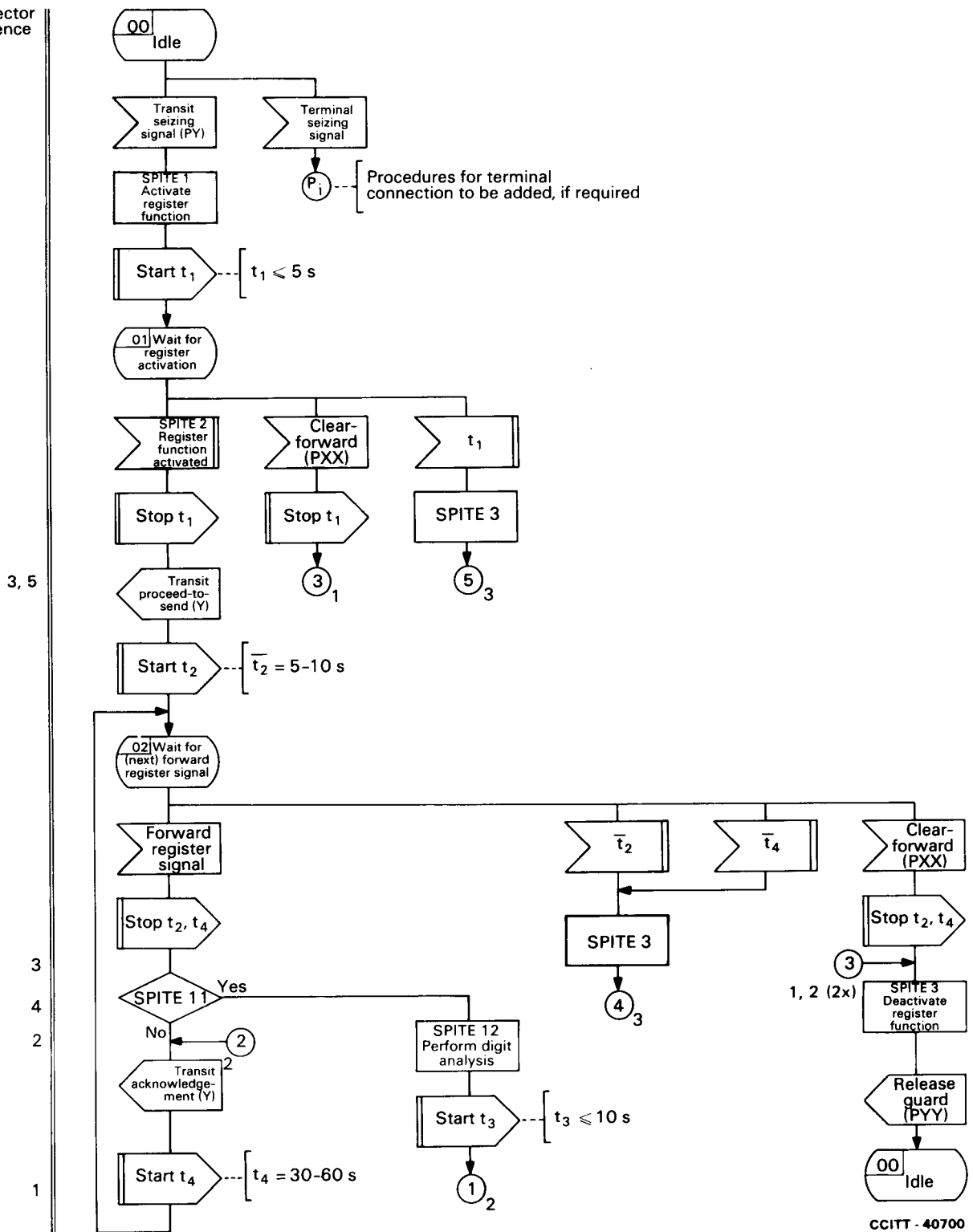


FIGURE 3/Q.611 (Sheet 1 of 3)  
Incoming Signalling System No. 4

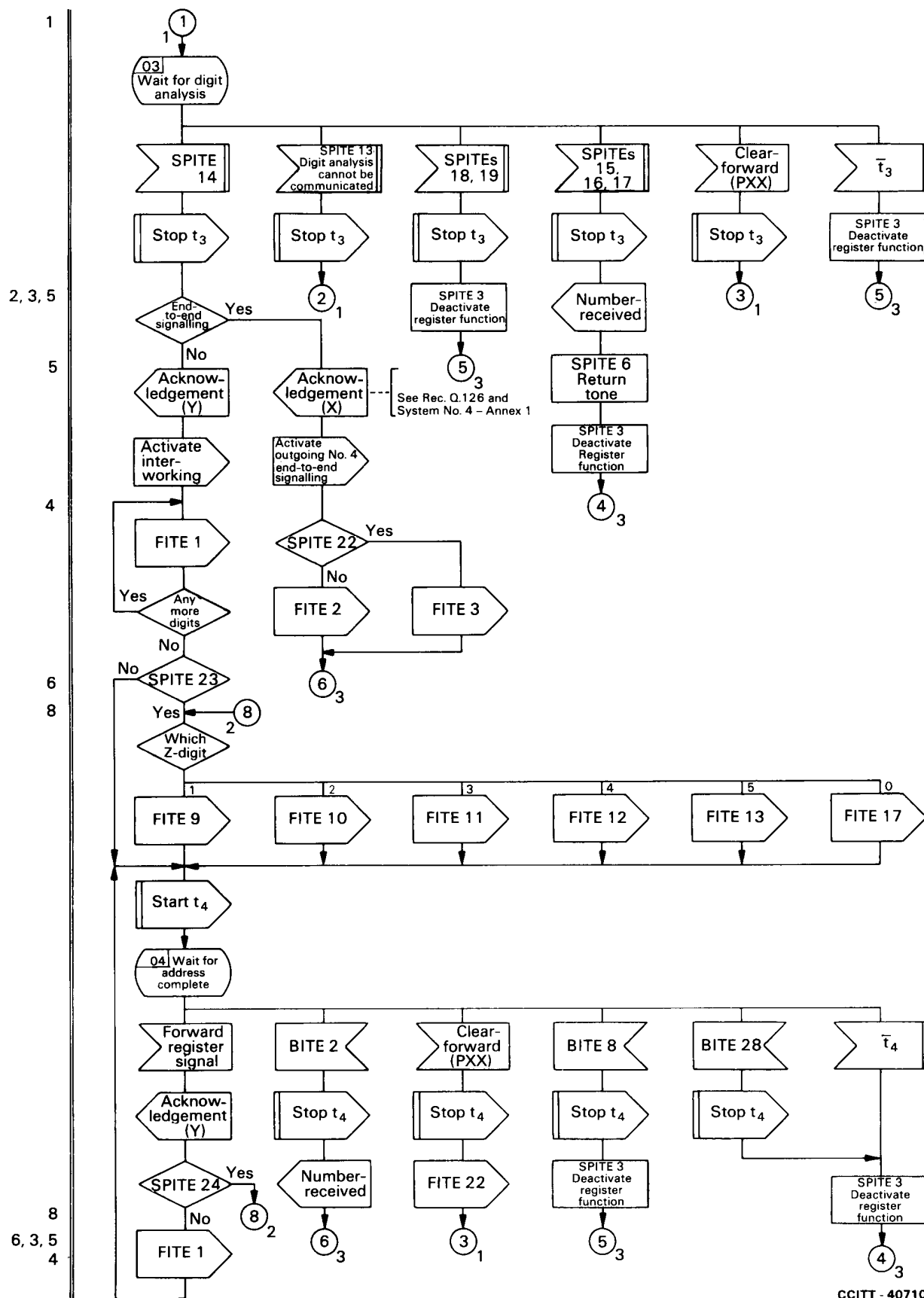
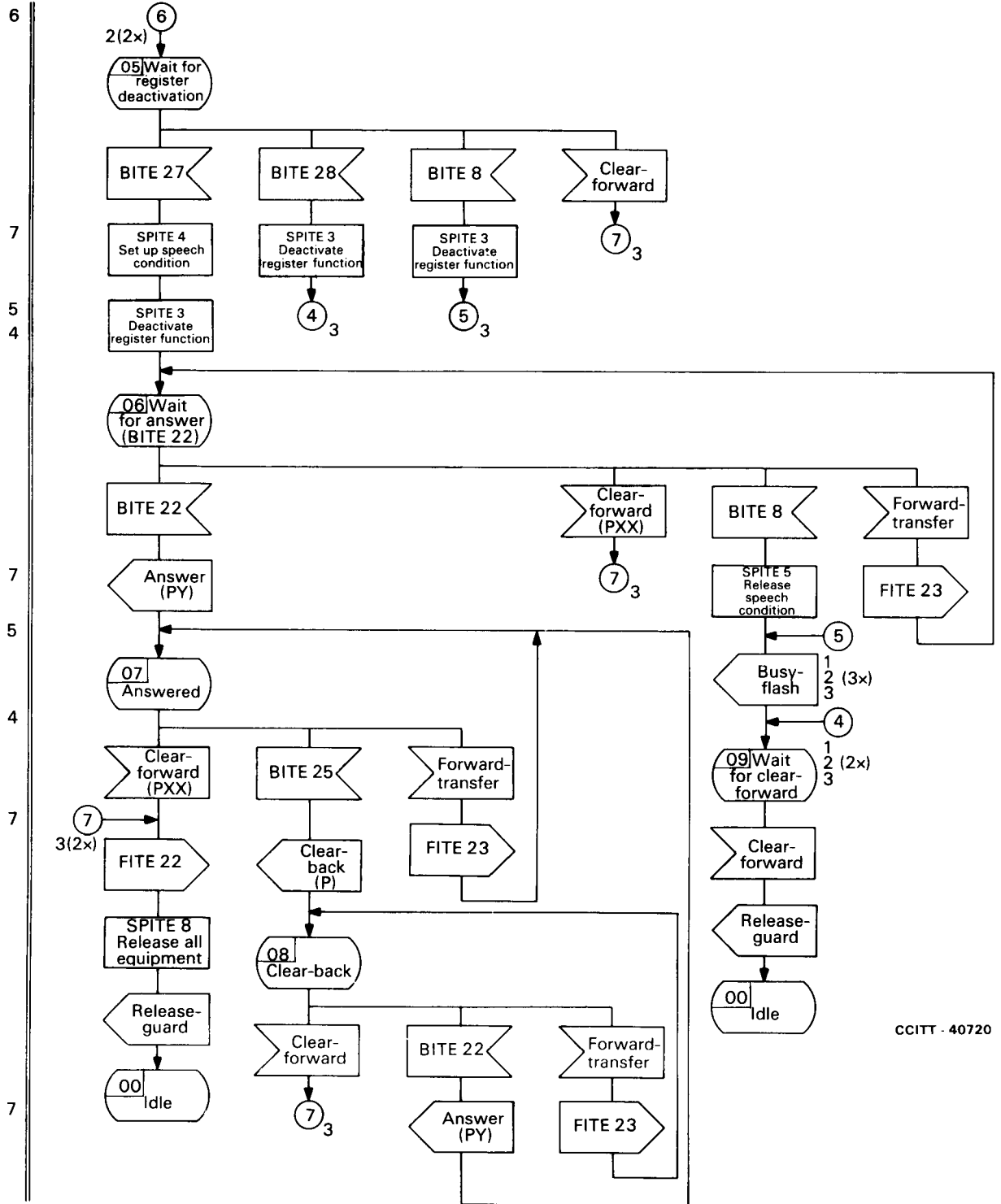


FIGURE 3/Q.611 (Sheet 2 of 3)

Incoming Signalling System No. 4



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FIGURE 3/Q.611 (Sheet 3 of 3)

Incoming Signalling System No. 4