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CCITT

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

Q.624

(11/1988)

SERIES Q: SWITCHING AND SIGNALLING

Interworking of signalling systems

LOGIC PROCEDURES FOR OUTGOING SIGNALLING SYSTEM No. 7 (TUP)

Reedition of CCITT Recommendation Q.624 published in
the Blue Book, Fascicle VI.6 (1988)

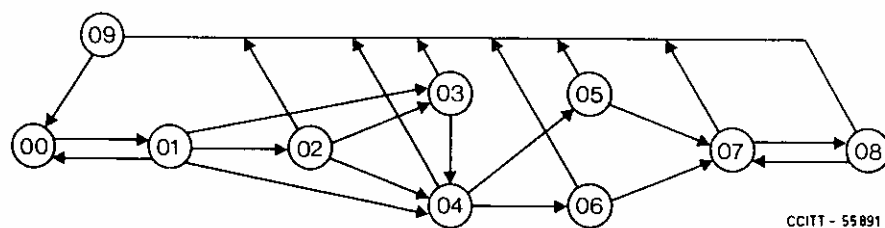
NOTES

1 CCITT Recommendation Q.624 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.624

LOGIC PROCEDURES FOR OUTGOING SIGNALLING SYSTEM No. 7 (TUP)



State number	State description	Sheet reference	Timers running
00	Idle	1, 10	
01	Wait for FITES of IAM/IAI	1	
02	Wait for continuity check	3	t_1, t_2
03	Wait for continuity indicator	3	t_2
04	Wait for address complete	7	t_2
05	Wait for answer	7	
06	Wait for answer (subscriber free)	9	
07	Answered	9	
08	Clear-back	9	
09	Wait for release-guard	10	t_3, t_4

FIGURE 1/Q.624

State overview diagram for outgoing Signalling System No. 7 (TUP)

Supervisory timers for outgoing Signalling System No. 7

$t_1 = 2$ s	Recommendation Q.724, § 7.4.1
$t_2 = 20$ -30 s	Recommendation Q.724, § 6.4.1
$t_3 = 4$ -15 s	Recommendation Q.724, § 6.2.3
$t_4 = 1$ min	Recommendation Q.724, § 6.2.3

Procedures not shown

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

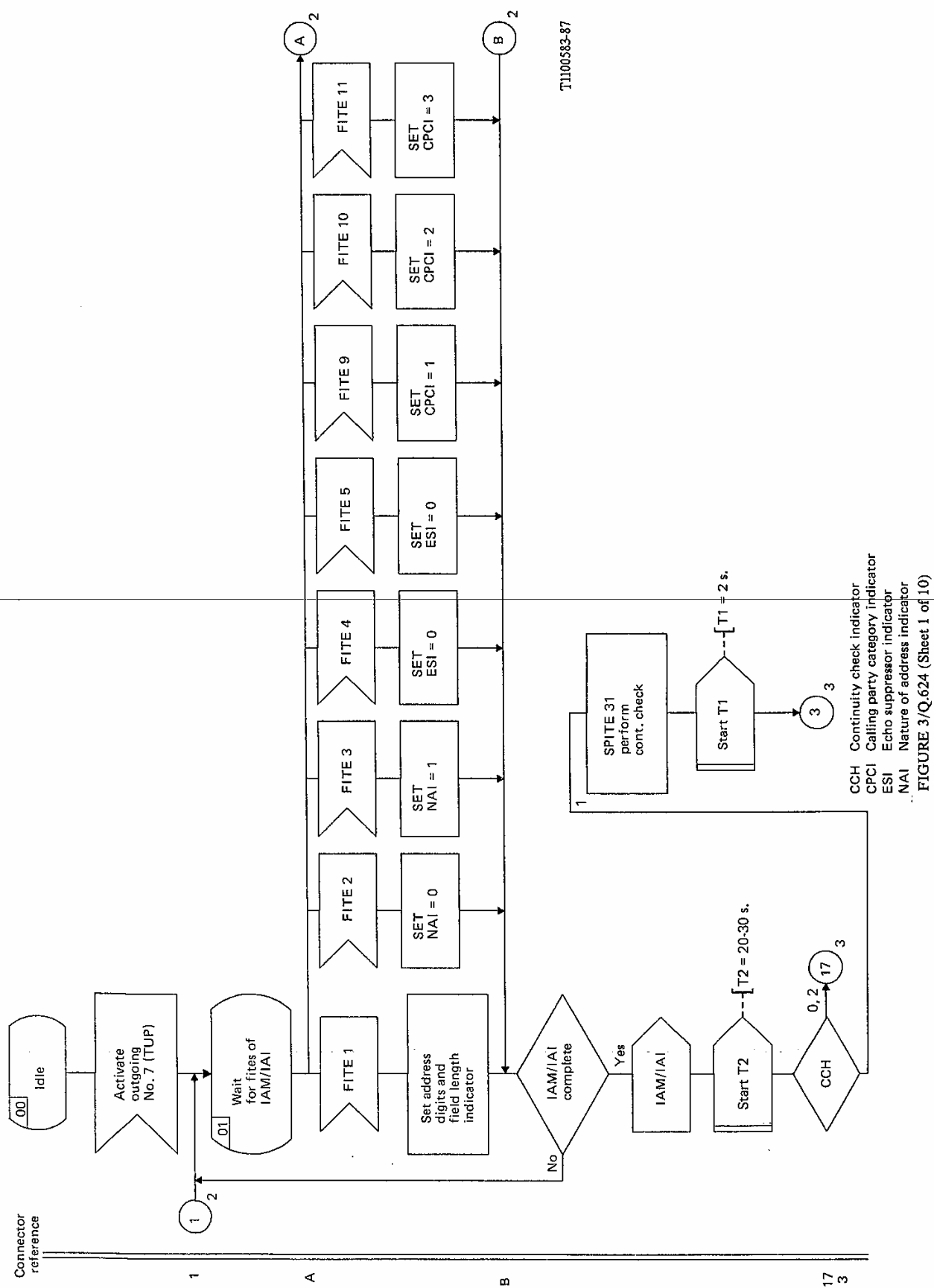
- Dual seizure.
- Blocking and unblocking sequences.
- Reset signals.
- Test call procedures.
- Out of service.

Signal abbreviations used

The signal abbreviations used correspond to those of the Signalling System No. 7 Specifications and are listed in Figure 2/Q.614.

FIGURE 2/Q.624

Notes to outgoing Signalling System No. 7 (TUP)



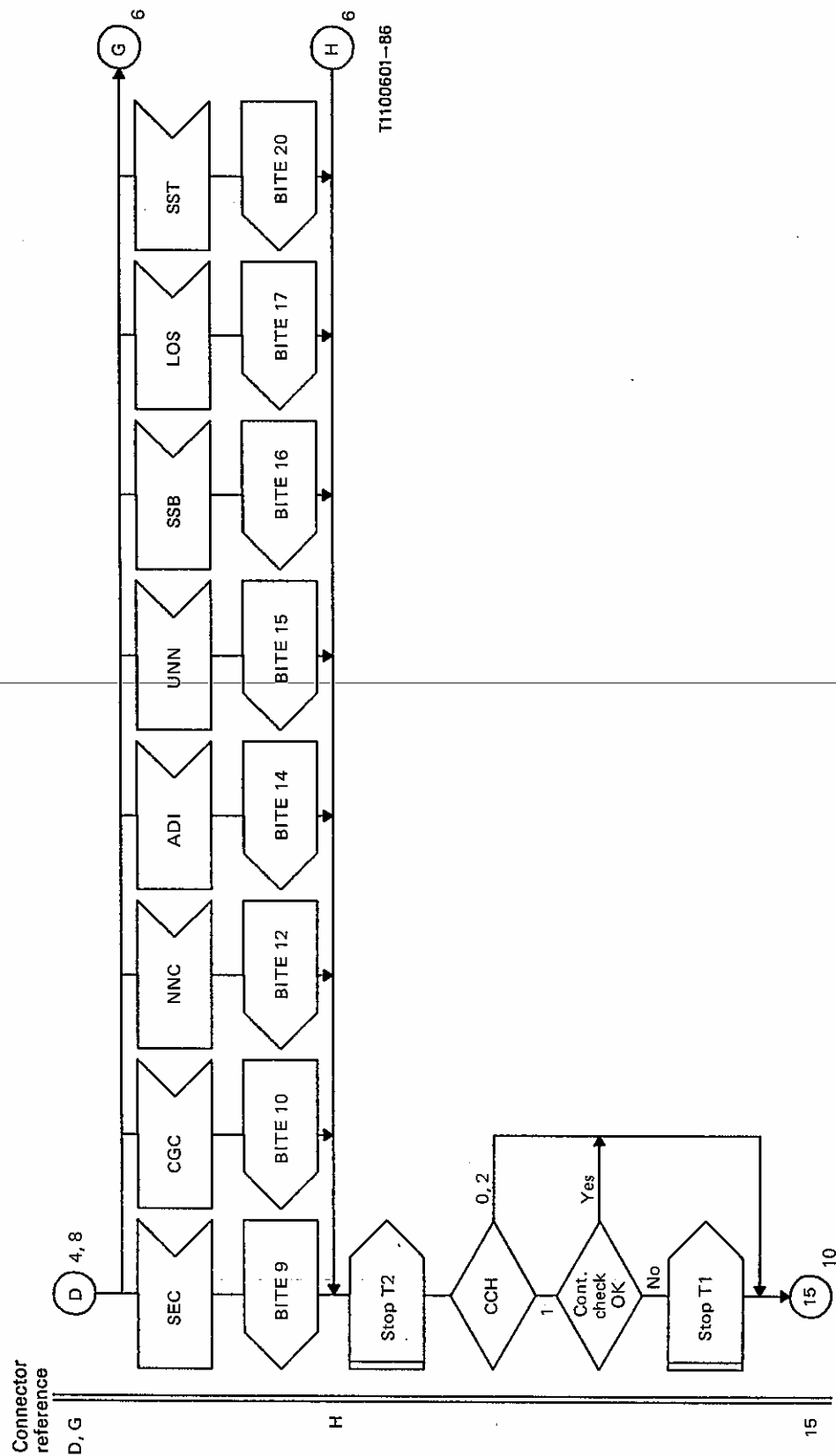


FIGURE 3/Q.624 (Sheet 5 of 10)
Outgoing Signalling System No. 7 (TUP)

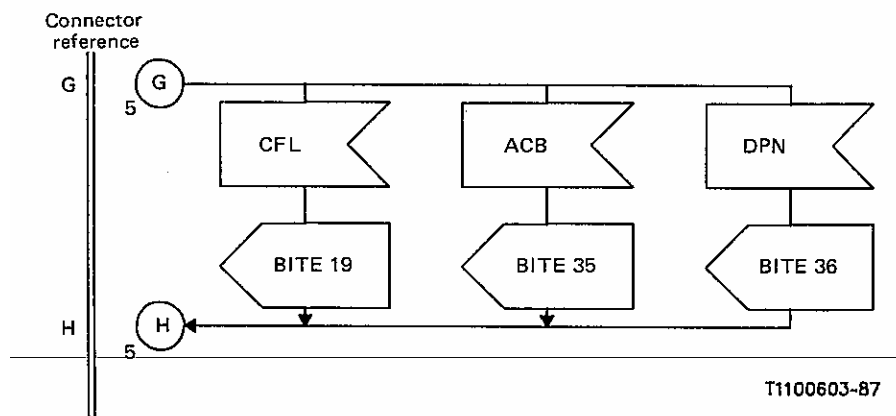
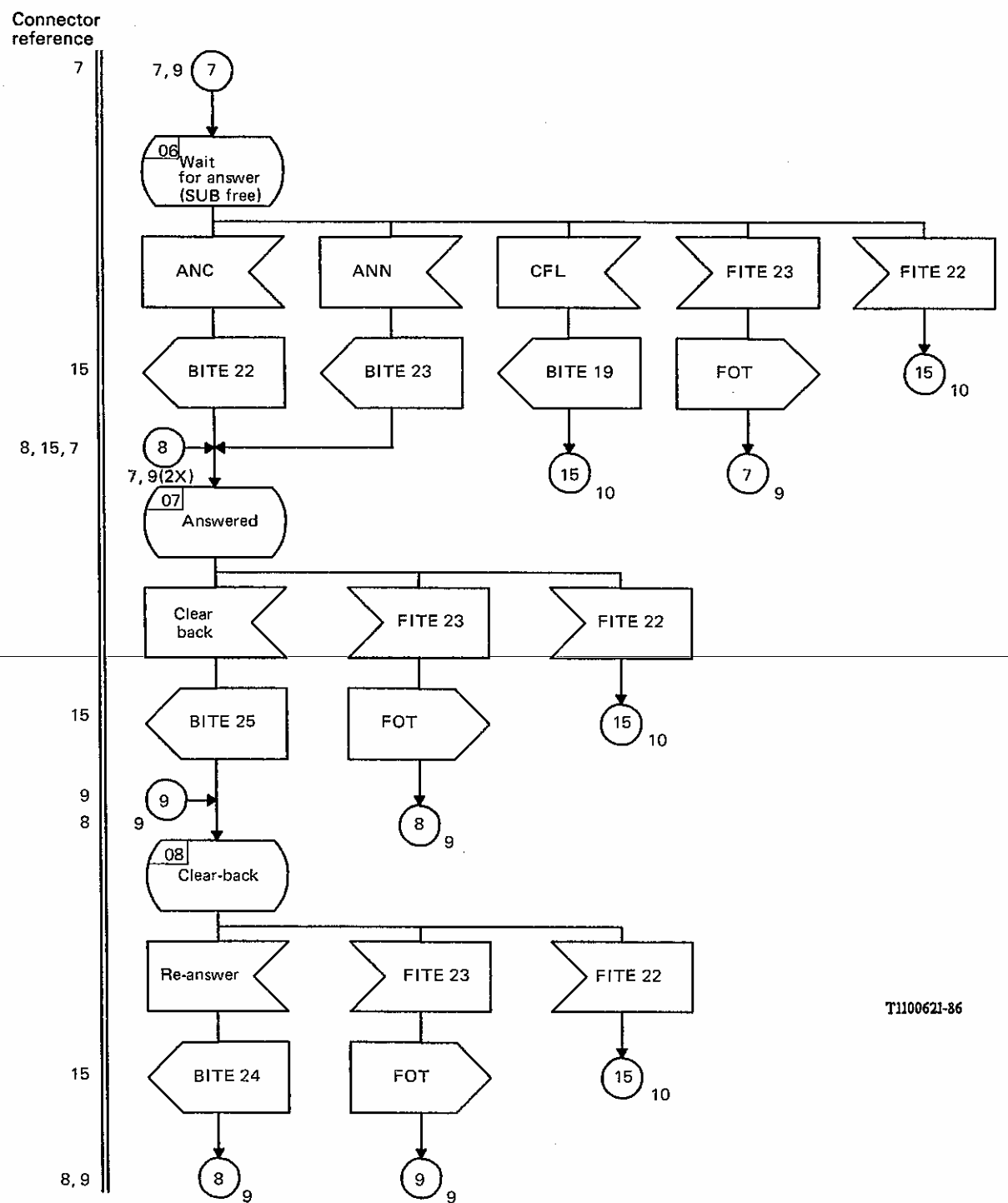
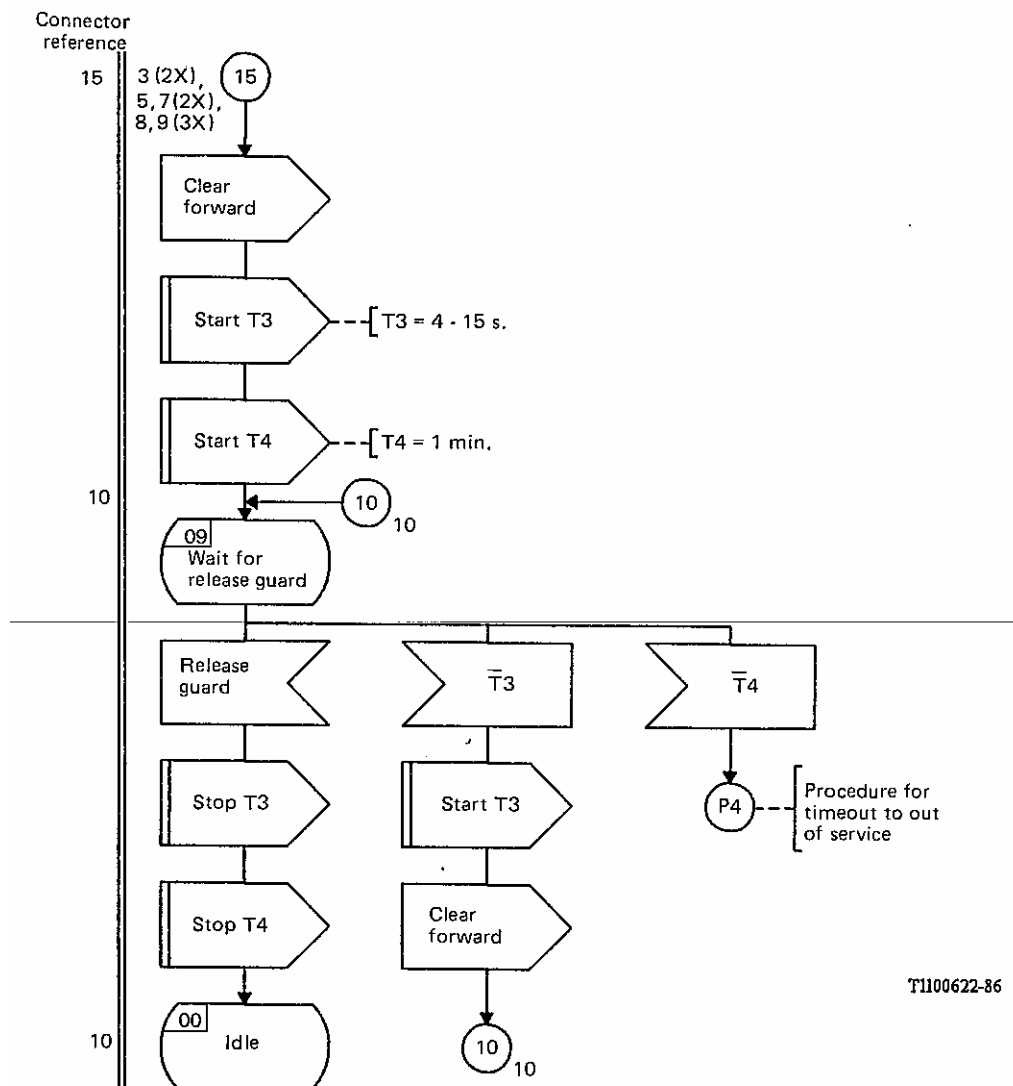


FIGURE 3/Q.624 (sheet 6 of 10)
Outgoing Signalling System No. 7 (TUP)



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FIGURE 3/Q.624 (sheet 9 of 10)
Outgoing Signalling System No. 7 (TUP)



T1100622-86

FIGURE 3/Q.624 (sheet 10 of 10)
Outgoing Signalling System No. 7 (TUP)

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