



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.613

INTERWORKING OF SIGNALLING SYSTEMS

LOGIC PROCEDURES FOR INCOMING SIGNALLING SYSTEM No. 6

ITU-T Recommendation Q.613

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation Q.613 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.

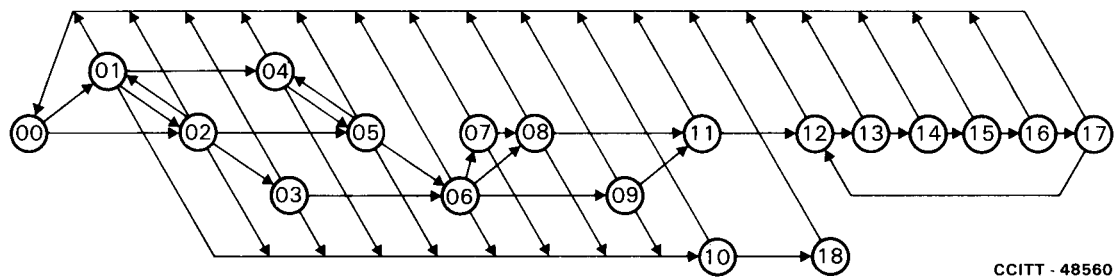
© ITU 1988, 1993

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the ITU.



Documents
Document Sharing Hub

LOGIC PROCEDURES FOR INCOMING SIGNALLING SYSTEM No. 6



State number	State description	Sheet reference	Timers running
00	Idle	1, 8	
01	Wait for further digits	1	t_1, t_2
02	Wait for digit analysis	3	t_1, t_2 or t_3
03	Wait for continuity check (COT)	4	t_1, t_2 or t_3
04	Wait for further digits (COT received)	2	t_2
05	Wait for digit analysis (COT received)	2	t_2 or t_3
06	Wait for address complete (COT received)	5	t_2 or t_3
07	Wait for register deactivation	5	
08	Address complete – Wait for answer	7	
09	Address complete, subscriber free – Wait for answer	7	
10	Call unsuccessful – wait for clear-forward	6	t_4
11	Answered	7	
12	Clear-back 1	7	
13	Reanswer 1	7	
14	Clear-back 2	8	
15	Reanswer 2	8	
16	Clear-back 3	8	
17	Reanswer 3	8	
18	Call failure – wait for clear-forward	6	t_4, t_5

FIGURE 1/Q.613
State overview diagram for incoming Signalling System No. 6

Supervisory timers for incoming Signalling System No. 6

$t_1 = 10\text{-}15\text{ s}$	Recommendation Q.268, § 4.8.5.3, a)
$t_2 = 15\text{-}20\text{ s}$	Recommendation Q.261, § 4.1.6
$t_3 = 20\text{-}30\text{ s}$	Recommendation Q.268, § 4.8.5.3, a)
$t_4 = 4\text{-}15\text{ s}$	Recommendation Q.268, § 4.8.5.3, b)
$t_5 = 1\text{ min}$	Recommendation Q.268, § 4.8.5.3, b)

Procedures not shown

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

- Dual seizure,
- Blocking and unblocking sequences,
- Unreasonable sequences,
- Confusion and message refusal signals,
- Reset circuit/band procedures,
- Test call procedures,
- Out of service.

Signal abbreviations used

The signal abbreviations used correspond to those of the Signalling System No. 6 specifications unless otherwise indicated on the same sheet.

FIGURE 2/Q.613

Notes to incoming Signalling System No. 6