INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.695

(03/93)

INTERWORKING OF SIGNALLING SYSTEMS

INTERWORKING OF SIGNALLING SYSTEMS – LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM No. 7 (ISUP) TO R2

ITU-T Recommendation Q.695

(Previously "CCITT Recommendation")

FOREWORD

The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the International Telecommunication Union. The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, established the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

ITU-T Recommendation Q.695 was prepared by the ITU-T Study Group XI (1988-1993) and was approved by the WTSC (Helsinki, March 1-12, 1993).

NOTES

1 As a consequence of a reform process within the International Telecommunication Union (ITU), the CCITT ceased to exist as of 28 February 1993. In its place, the ITU Telecommunication Standardization Sector (ITU-T) was created as of 1 March 1993. Similarly, in this reform process, the CCIR and the IFRB have been replaced by the Radiocommunication Sector.

In order not to delay publication of this Recommendation, no change has been made in the text to references containing the acronyms "CCITT, CCIR or IFRB" or their associated entities such as Plenary Assembly, Secretariat, etc. Future editions of this Recommendation will contain the proper terminology related to the new ITU structure.

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

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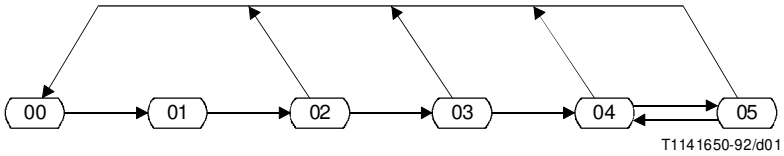
INTERWORKING OF SIGNALLING SYSTEMS – LOGIC PROCEDURES FOR INTERWORKING OF SIGNALLING SYSTEM No. 7 (ISUP) TO R2

(Helsinki, 1993)



State number	*State description*	*Sheet reference*
00	Idle	1, 2, 4, 5, 6
01	Wait for call set up information	1
02	Wait for address-complete	2
03	Wait for answer	4
04	Answered	6
05	Clear-back	6

FIGURE 1/Q.695

State overview diagram for interworking of Signalling System No. 7 (ISUP) to R2

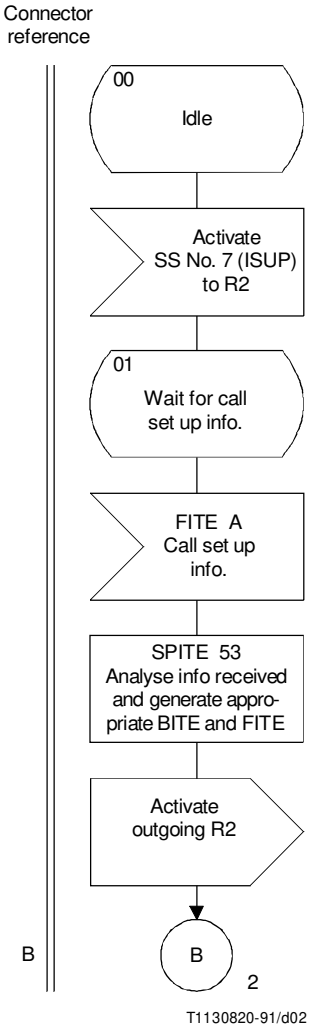


FIGURE 3/Q.695 (sheet 1 of 6)

Interworking of Signalling System No. 7 (ISUP) to R2

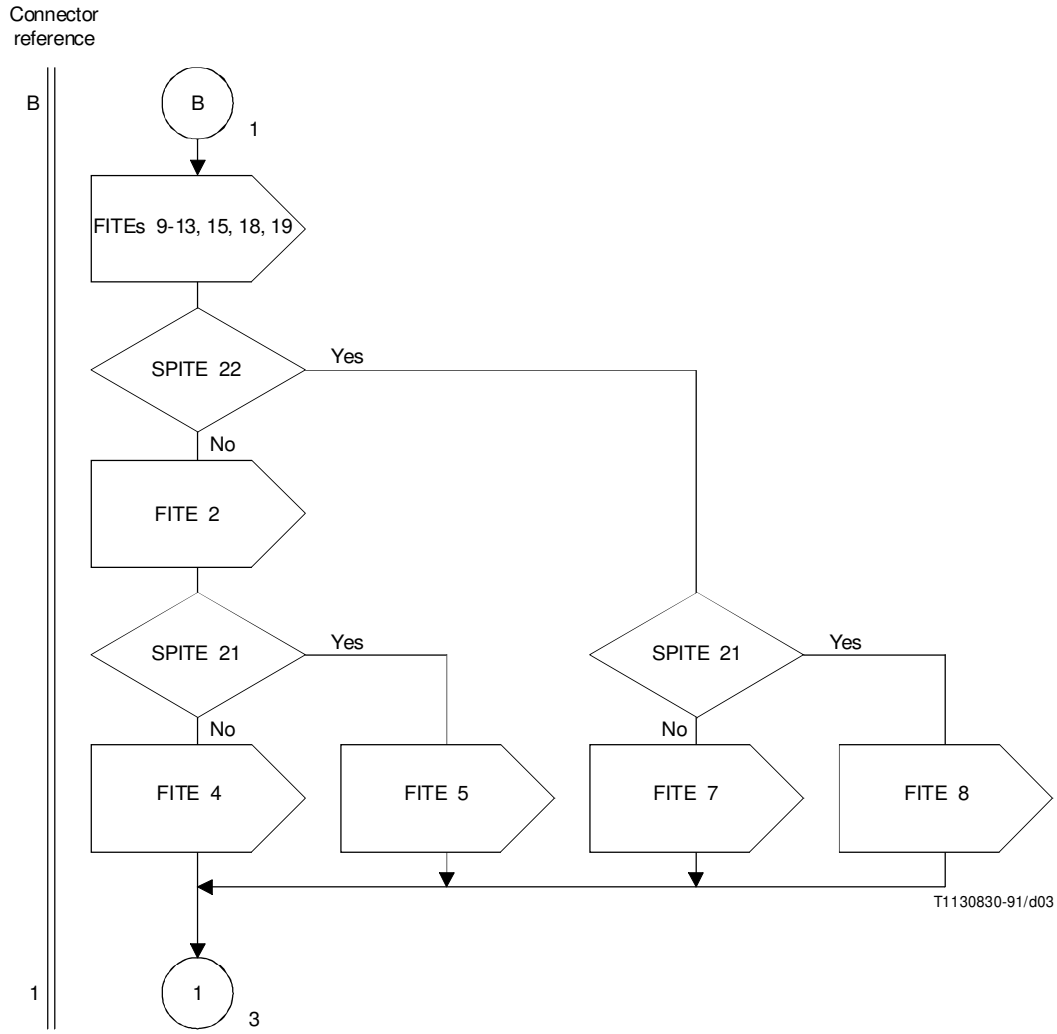
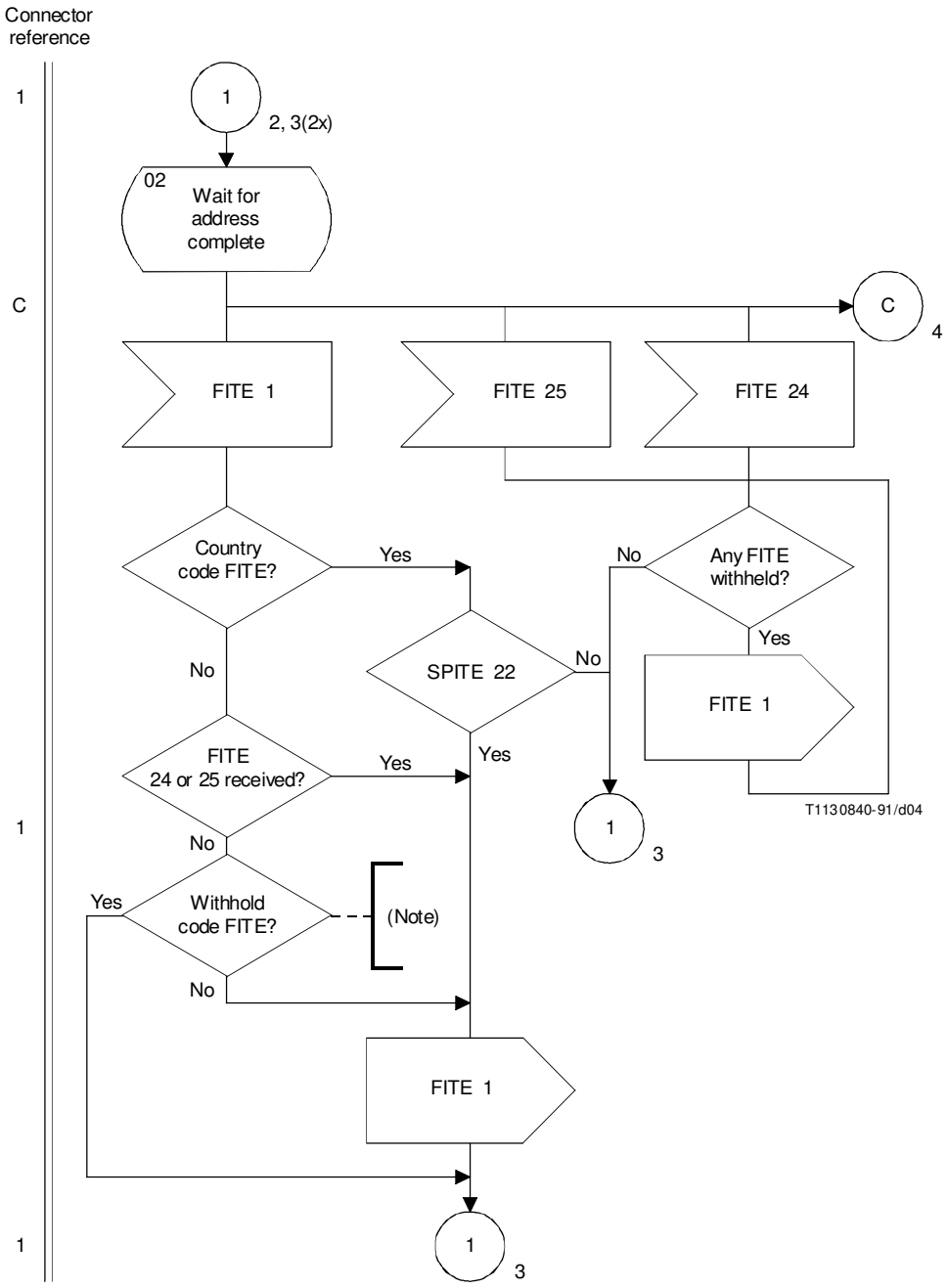


FIGURE 3/Q.695 (sheet 2 of 6)

Interworking of Signalling System No. 7 (ISUP) to R2



NOTE – Sufficient FITEs must be withheld to prevent an address-complete signal being received before (continuity) has been established when this is performed.

FIGURE 3/Q.695 (sheet 3 of 6)

Inteworking of Signalling System No. 7 (ISUP) to R2

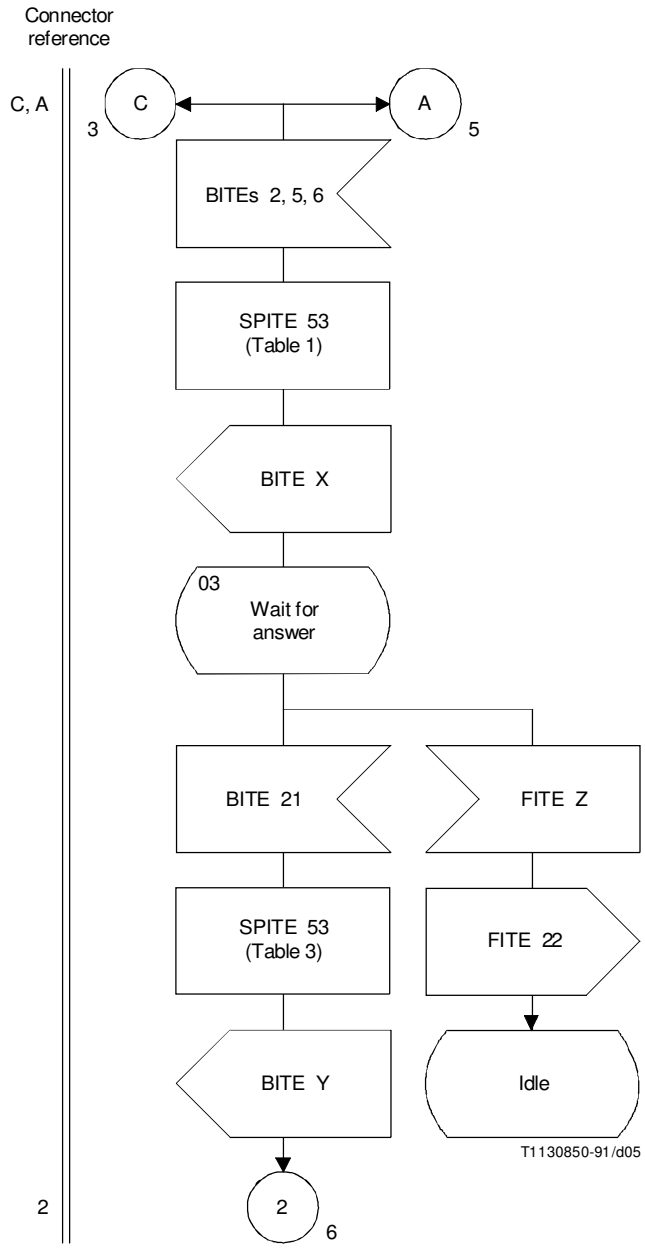


FIGURE 3/Q.695 (sheet 4 of 6)

Interworking of Signalling System No. 7 (ISUP) to R2

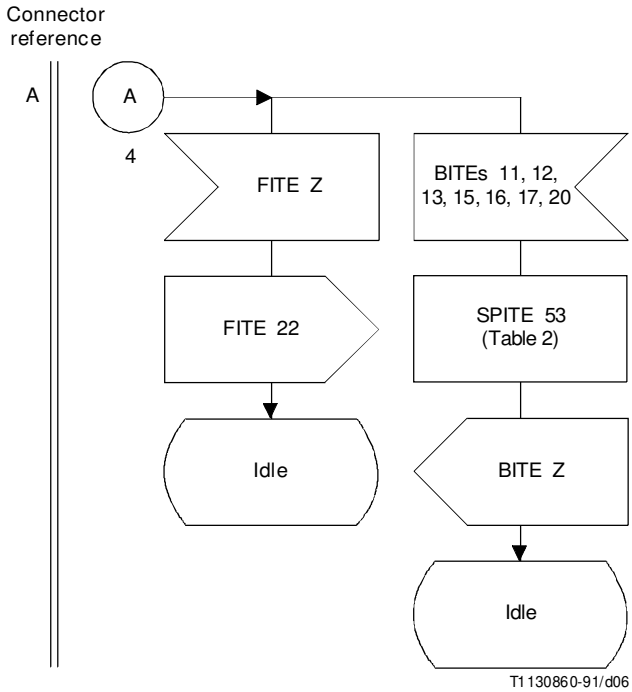


FIGURE 3/Q.695 (sheet 5 of 6)

Interworking of Signalling System No. 7 (ISUP) to R2

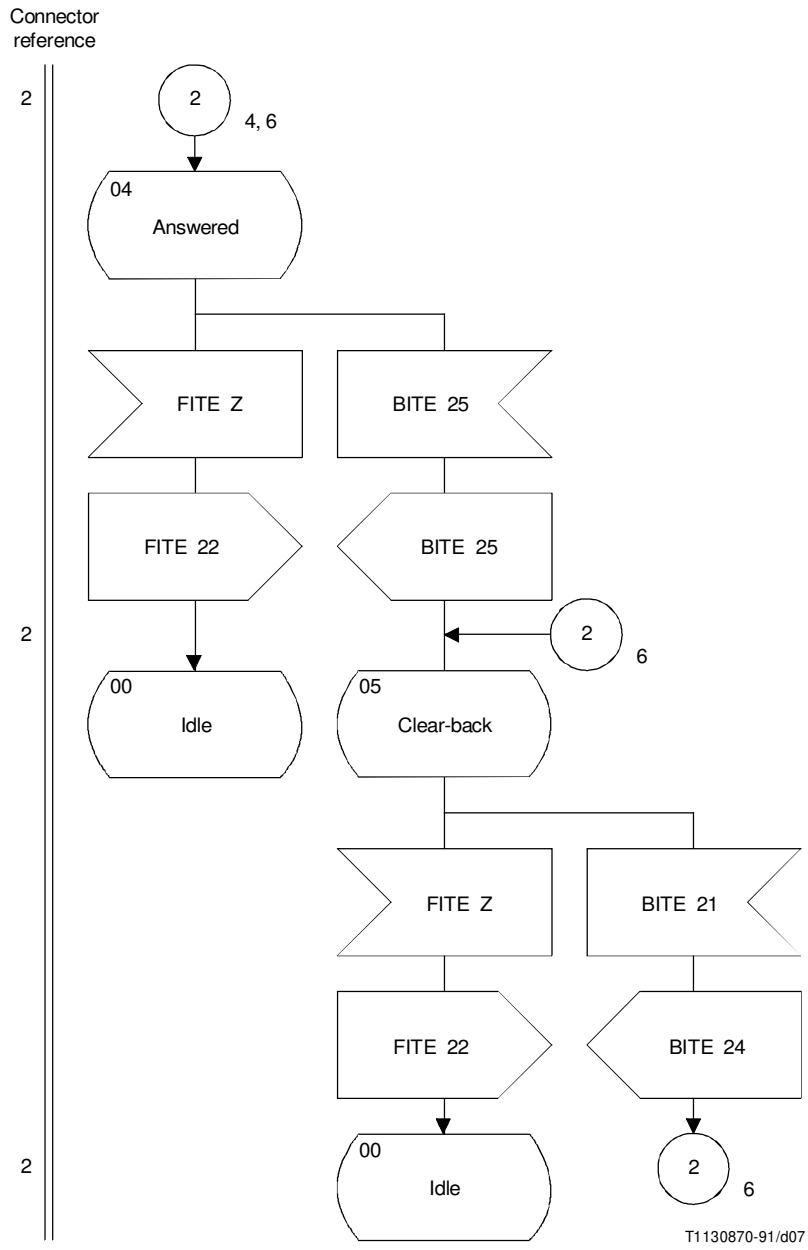


FIGURE 3/Q.695 (sheet 6 of 6)

Interworking of Signalling System No. 7 (ISUP) to R2

TABLE 1/Q.695

	Received BITE		
Backward call indicators in ACM	2	5	6
Charging indicator	10	10	01
Called party's status	00	01	01
Called party's category	00	00	00
Interworking indicator	1	1	1

TABLE 2/Q.695

Received BITE (release)	Cause sent	Location
13	34	1010
11	34	1010
12	34/127 a)	1010/0111 a)
15	1	1010
16	17	1010
17	27	1010
20	4	1010

a) Only in timeout expiry.

TABLE 3/Q.695

Backward call indicators in ANM
ANM without backward call indicators is to be sent