F.1.2.5.7 [SigList-7] (from Call-Control-N to Party-Control-N)

- Signals related to primitives:
  - Setup req.
  - Alerting req.
  - Setup resp.
  - Setup Complete req.
  - Release req.
  - Release resp.
  - Add Party req.
  - Add Party Acknowledge req.
  - Add Party Reject req.
  - Party Alerting req.
  - Drop Party req.
  - Drop Party Acknowledge req.
  - Party Status Enquiry req.
- Messages:
  - SETUP
  - ALERTING
  - RELEASE
  - RELEASE COMPLETE
  - STATUS ENQUIRY (incl. Endpoint reference)
  - STATUS (incl. Endpoint reference and Endpoint state)
  - ADD PARTY
  - ADD PARTY ACKNOWLEDGE
  - ADD PARTY REJECT
  - PARTY ALERTING
  - DROP PARTY
  - DROP PARTY ACKNOWLEDGE

F.1.2.5.8 [SigList-8] (from Party-Control-N to Call-Control-N)

- Signals related to primitives:
  - Add Party ind.
  - Add Party Acknowledge ind.
  - Add Party Reject ind.
  - Party Alerting ind.
  - Drop Party ind.
  - Drop Party Acknowledge ind.
- Messages:
  - ADD PARTY
  - ADD PARTY ACKNOWLEDGE
  - ADD PARTY REJECT
  - PARTY ALERTING
  - DROP PARTY
  - DROP PARTY ACKNOWLEDGE
  - STATUS ENQUIRY (incl. Endpoint reference)
  - STATUS (incl. Endpoint reference and Endpoint state)

F.1.3 PROCESS Co-ord-N: State event diagram

Although the process Co-ord-N in Recommendation Q.2971 handles additional primitives and signals, the SDL description of Annex A/Q.2931 remains valid with only the following editorial or technical changes:

- Global modification related to terminology:

  The name of the process “Q.2931-N” has to be replaced by “Call-Control-N”.
- Transfer of a Status Enquiry req. from AP via Co-ord-N to Call-Control-N has to be added.
- Reception of a Reset-req, or a RESTART message trigger the Co-ord-N to send a Release resp. or RELEASE COMPLETE, respectively, to all Call-Control-N processes affected.

F.1.4 Process Call-Control-N: Overview State-Event-Diagram (does not include Timer Expires)

[Numbers show sheet no. (sheet 1 of 39); empty fields show events not described/applicable; IW N–ISDN not incl.]

State / Event (5.1, 5.8)	N0	N1	N3	N4	N6	N7	N8	N9	N10	N11	N12
(from Co-ord N:)											
Setup-req.	4, 5										
Proceeding-req.		6									
Alerting-req.		38	7								
Setup-resp.		38	7	8							
Setup-compl.-req.							15				
Release-req.		28	28	28	28	28	28	28	28		
Release-resp.		6								29	
Notify-req.		19	19	19	19	19	19	19	19	19	19
Link Establish conf.									20		
Link Establish ind.		37	37	37	37	37	37	37	20, 21	37	37
Link Release ind.	37	37	37	37	37	37	37	37	20	37	37
Link Establish error									20		
SETUP	4, 5										
CALL PROC.		36	36	36	11	36	36	36	36	36	36
ALERTING		36	36	36	9, 10	36	36	17	36	36	36
CONNECT		36	36	36	9, 10	14	36	17	36	36	36
CONNECT ACK.		36	36	36	36	36	36	36	18	36	36
RELEASE		26	26	26	26	26	26	26	26	26	30
RELEASE COMP.		26	26	26	26	26	26	26	26	26	26
STATUS		33, 34	33, 34	33, 34	33, 34	33, 34	33, 34	33, 34	33, 34	29	31
STATUS ENQUIRY		32	32	32	32	32	32	32	32	32	32
NOTIFY		19	19	19	19	19	19	19	19	19	19

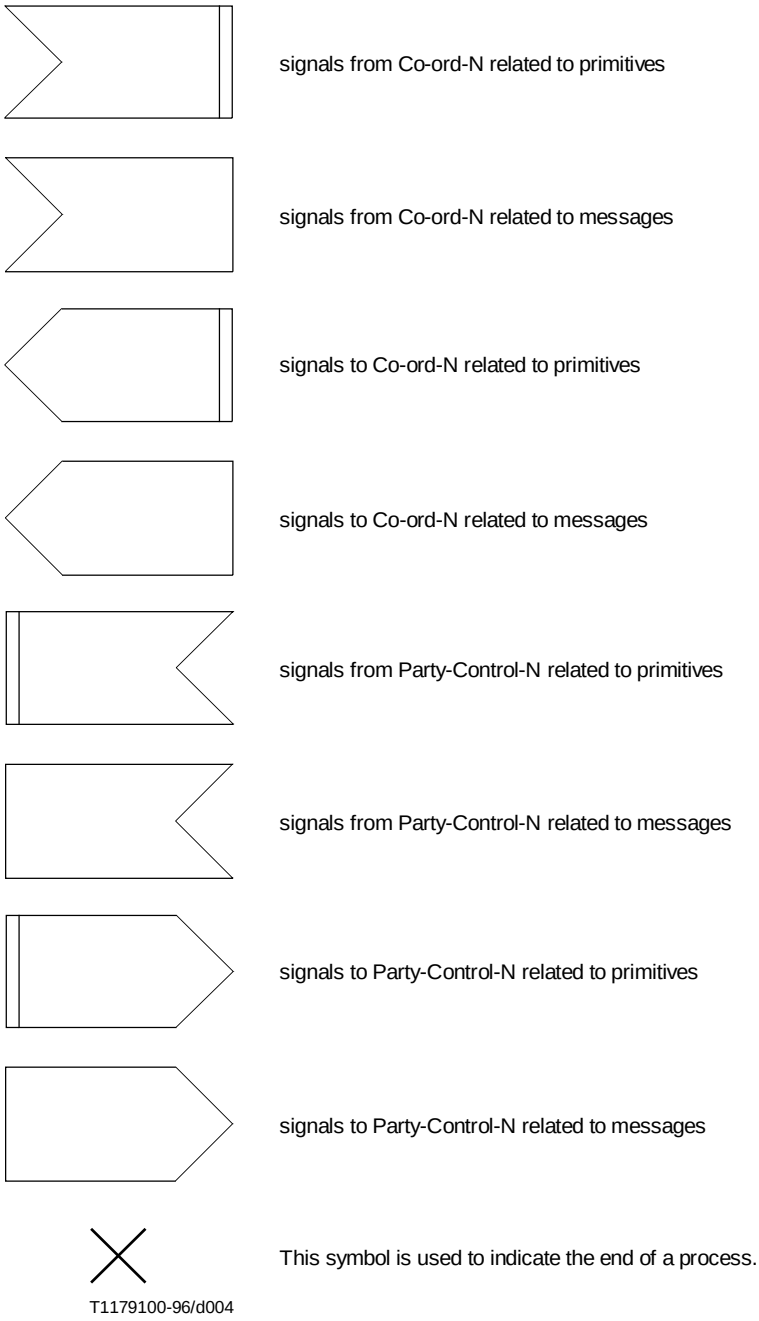
Process Call-Control-N
(hoja 1 de 39)

State Event (5.1, 5.8)	N0	N1	N3	N4	N6	N7	N8	N9	N10	N11	N12
Add Party req.						12, 13			22		
Add Party Ack. req.									22		
Add Party Rej. req.				8					22		
Party Alerting req.				8					22		
Drop Party req.		27	27	27	27	27	27	27	22		
DP Ack. req.		27	27	27	27	27	27	27	22		
Status Enq. req.		32	32	32	32	32	32	32	32	32	32
ADD PARTY		36	36	8	36	36	36	36	22	36	36
ADD PARTY ACK.		36	36	36	36	36	15	36	22, 23	36	36
ADD PARTY REJ.		36	36	36	36	12	15, 16	36	22, 23	36	36
PARTY ALERTING		36	36	36	36	12	15, 16	36	22, 23	36	36
DROP PARTY		27	27	27	27	27	27	27	22, 23	29	30
DP ACK.		27	27	27	27	27	27	27	22, 23	29	30
(from PC-N)											
Add Party ind.		24	24	24	24	24	24	24	24	24	24
Add Party Ack. ind.		24	24	24	24	24	24	24	24	24	24
Add Party Rej. ind.		24	24	24	24	24	24	24	24	24	24
Party Alerting ind.		24	24	24	24	24	24	24	24	24	24
Drop Party ind.		24	24	24	24	24	24	24	24	24	24
Drop Party Ack. ind.		24	24	24	24	24	24	24	24	24	24
ADD PARTY		25	25	25	25	25	25	25	25	25	25
ADD PARTY ACK.		25	25	25	25	25	25	25	25	25	25
ADD PARTY REJ.		25	25	25	25	25	25	25	25	25	25
PARTY ALERTING		25	25	25	25	25	25	25	25	25	25
DROP PARTY		25	25	25	25	25	25	25	25	25	25
DP ACK.		25	25	25	25	25	25	25	25	25	25
STATUS ENQ.(ER)		25	25	25	25	25	25	25	25	25	25
STATUS (ER, ES)		25	25	25	25	25	25	25	25	25	25

Process Call-Control-N
(hoja 2 de 39)

Process Call-Control-N – Legend

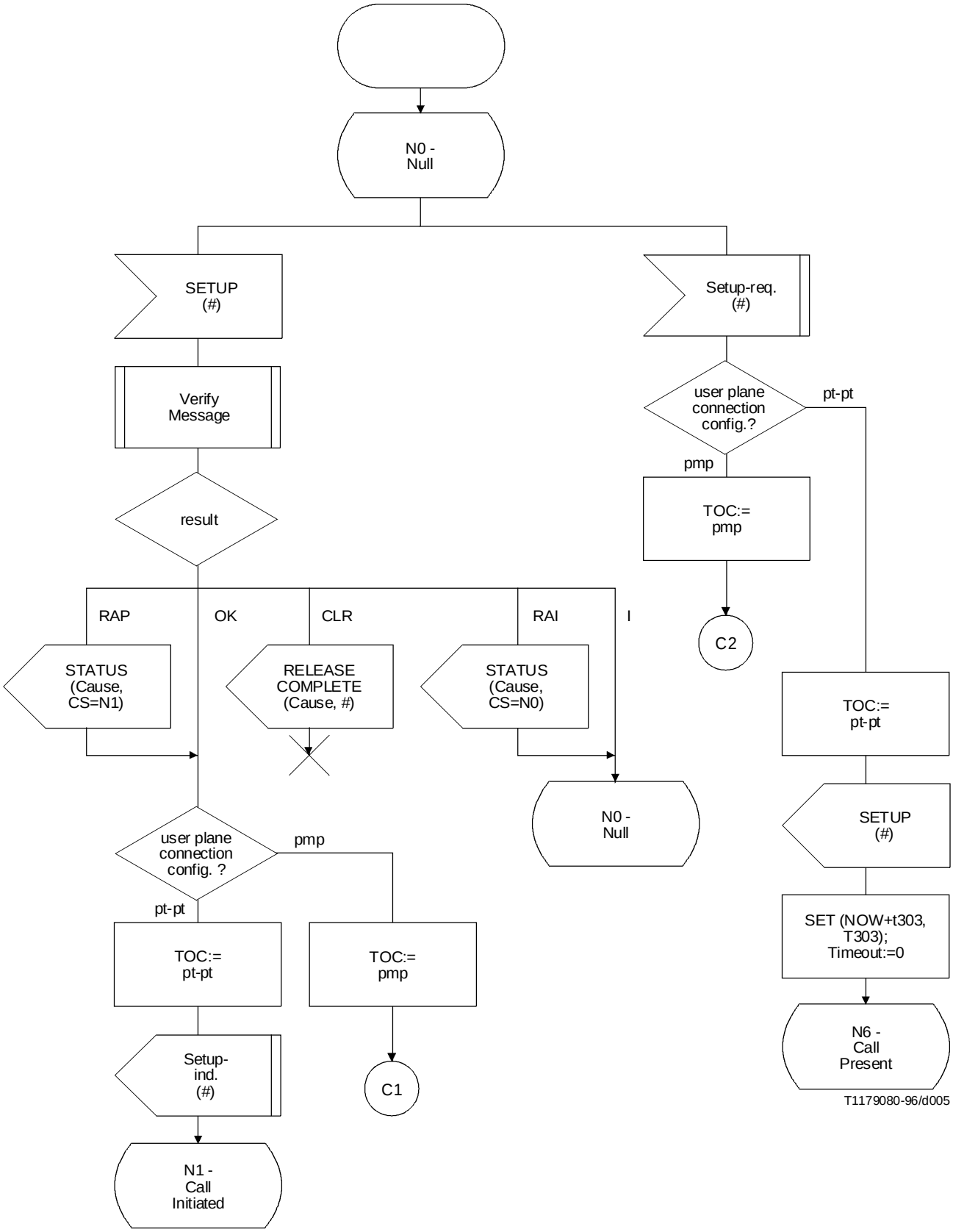
See Recommendation Q.2931, SDL Key; in addition:



NOTE – If a STATUS message has to be returned in a point-to-multipoint call/connection as a result of an error situation (see 9.5.4, 9.5.7, 9.5.8), it shall include ER and ES. However, to avoid unnecessary complexity, this is not explicitly shown in the attached Call-Control-N SDLs.

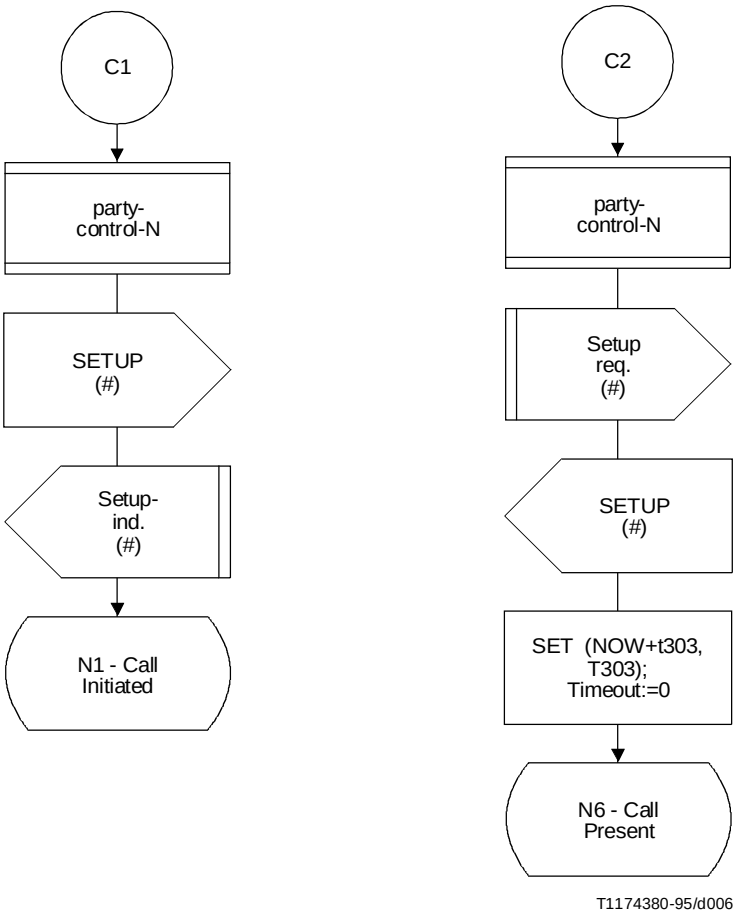
Process Call-Control-N – Legend

(hoja 3 de 39)



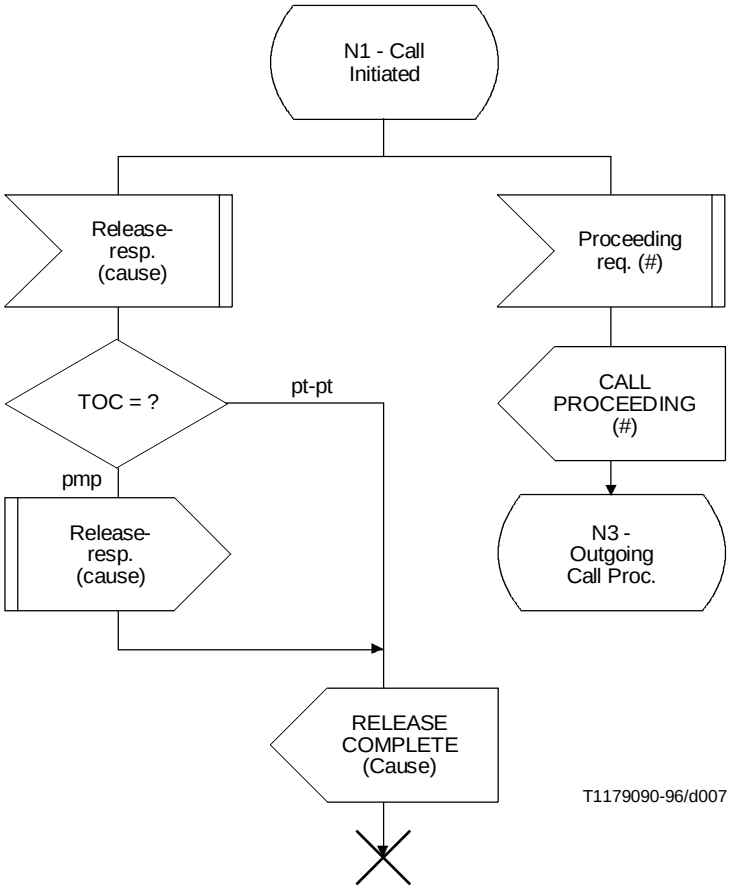
Process Call-Control-N

(combined point-to-point and point-to-multipoint procedures)
(hoja 4 de 39)



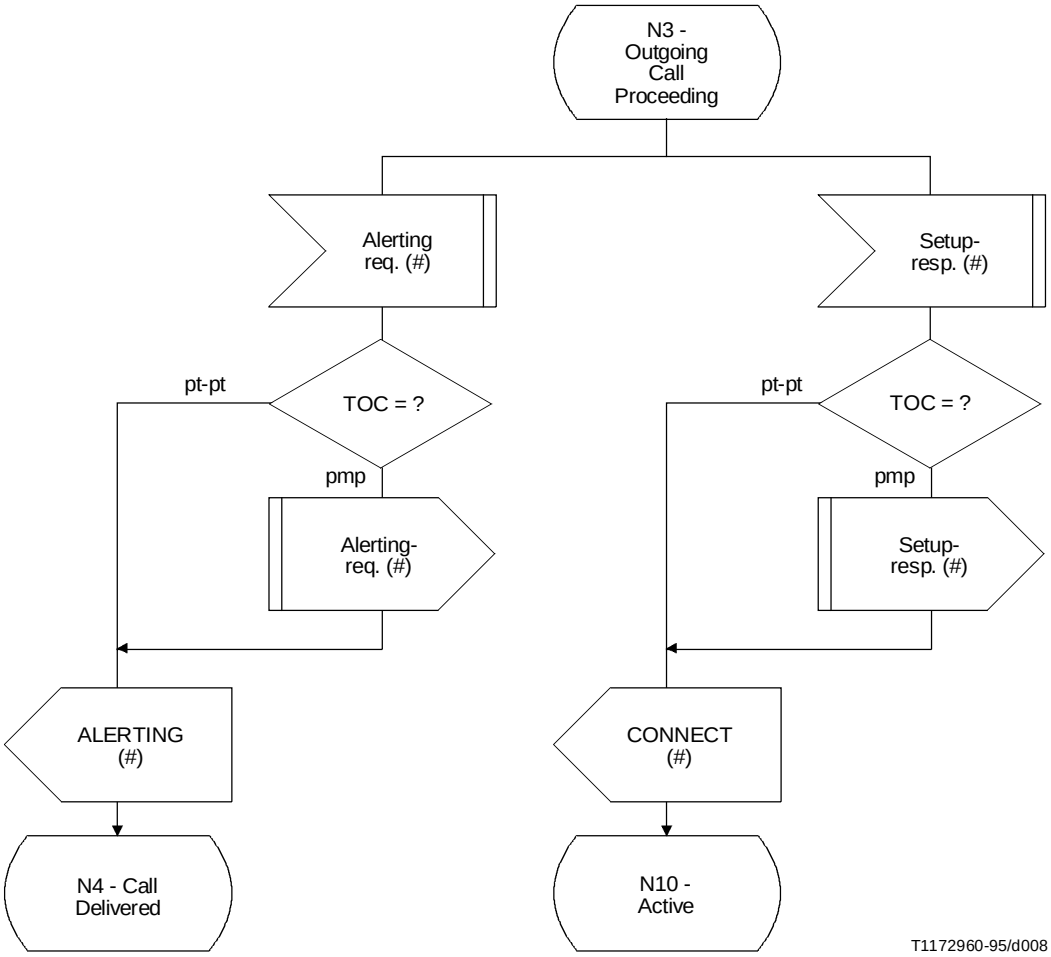
Process Call-Control-N

(hoja 5 de 39)



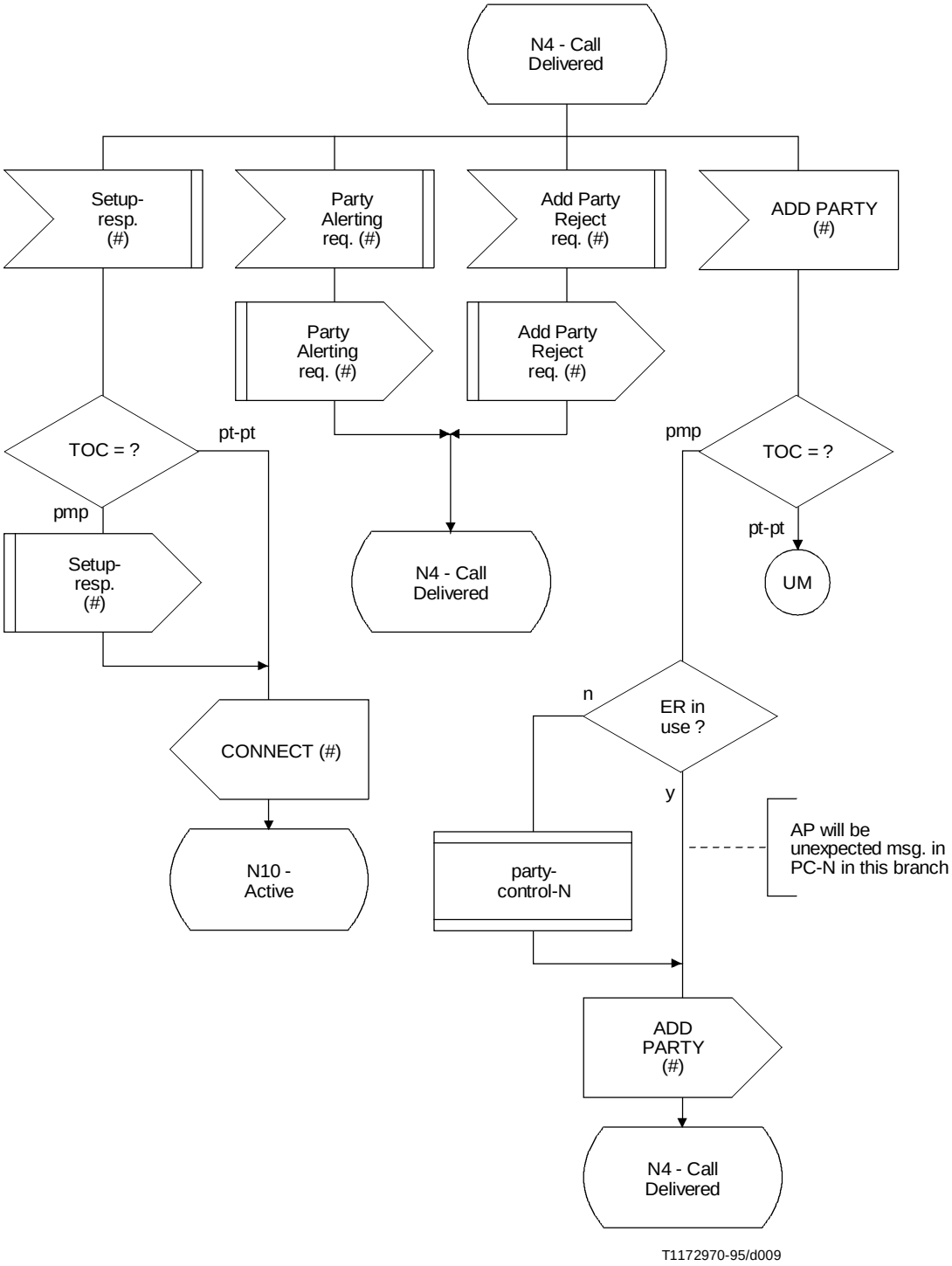
Process Call-Control-N

(hoja 6 de 39)



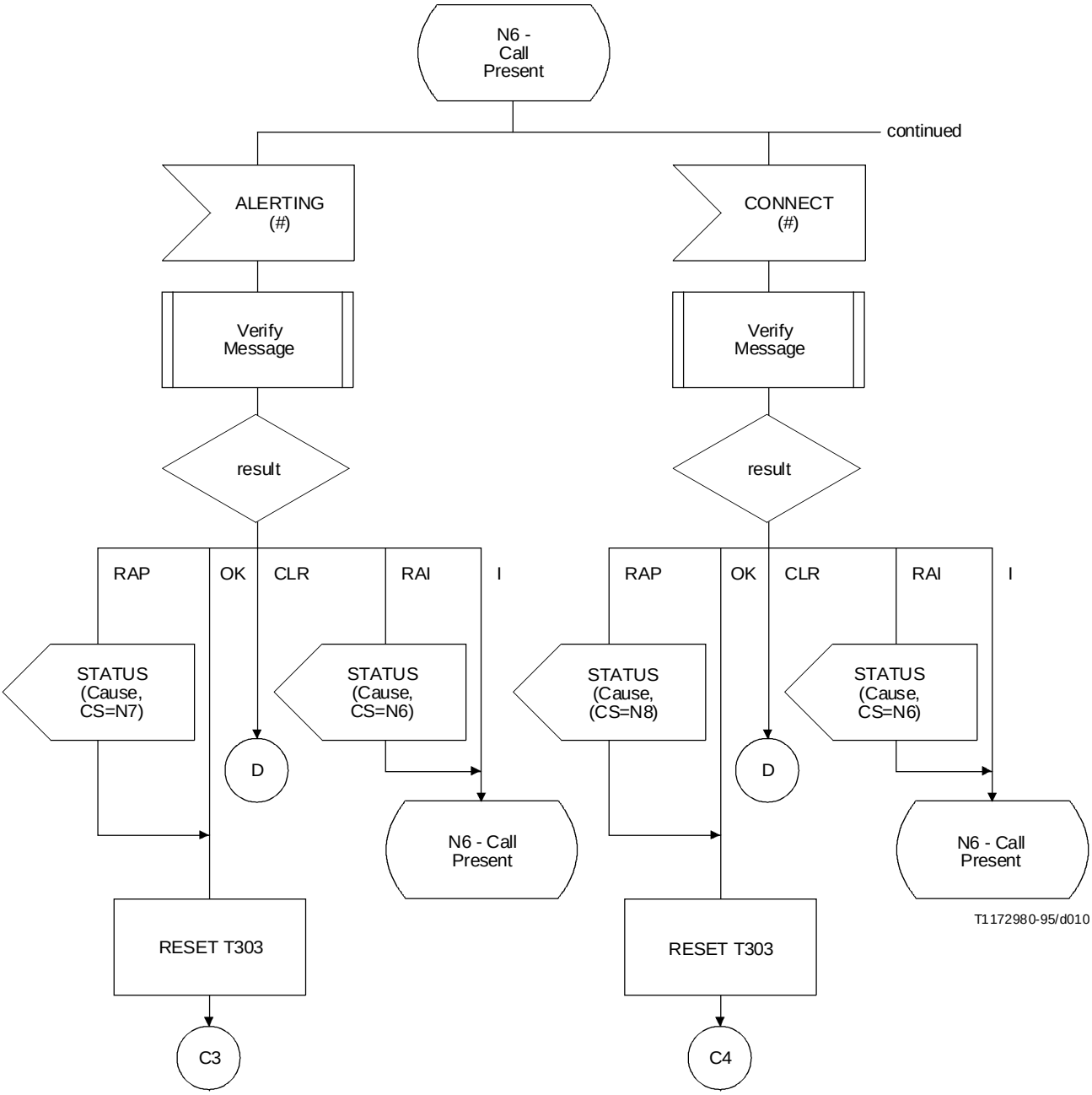
Process Call-Control-N

(hoja 7 de 39)



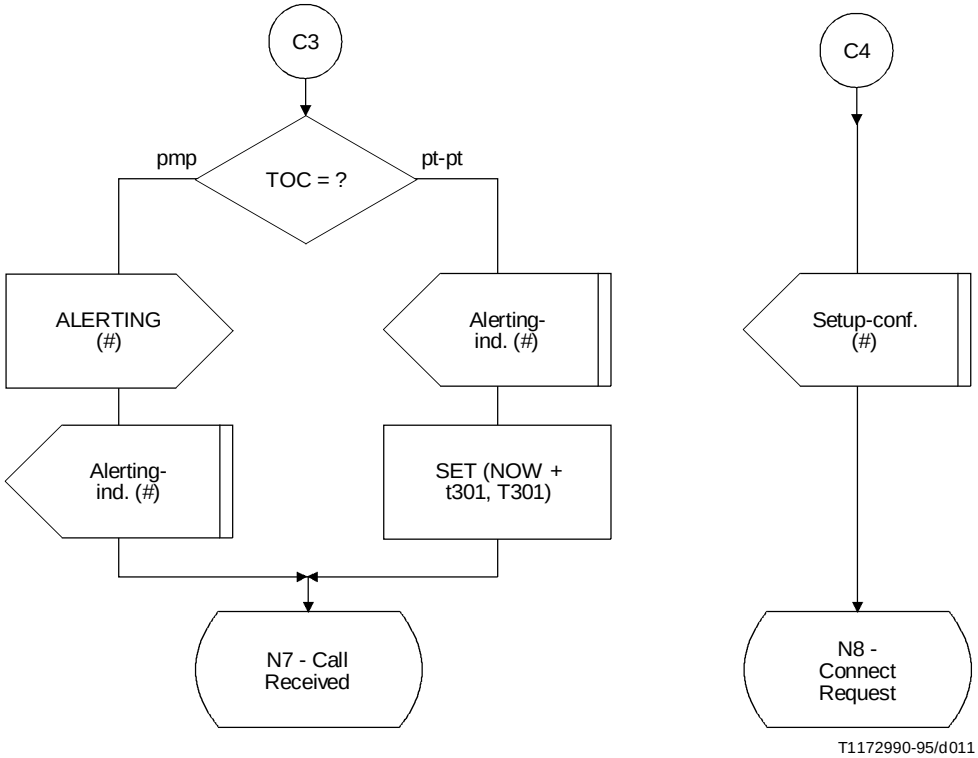
Process Call-Control-N

(hoja 8 de 39)



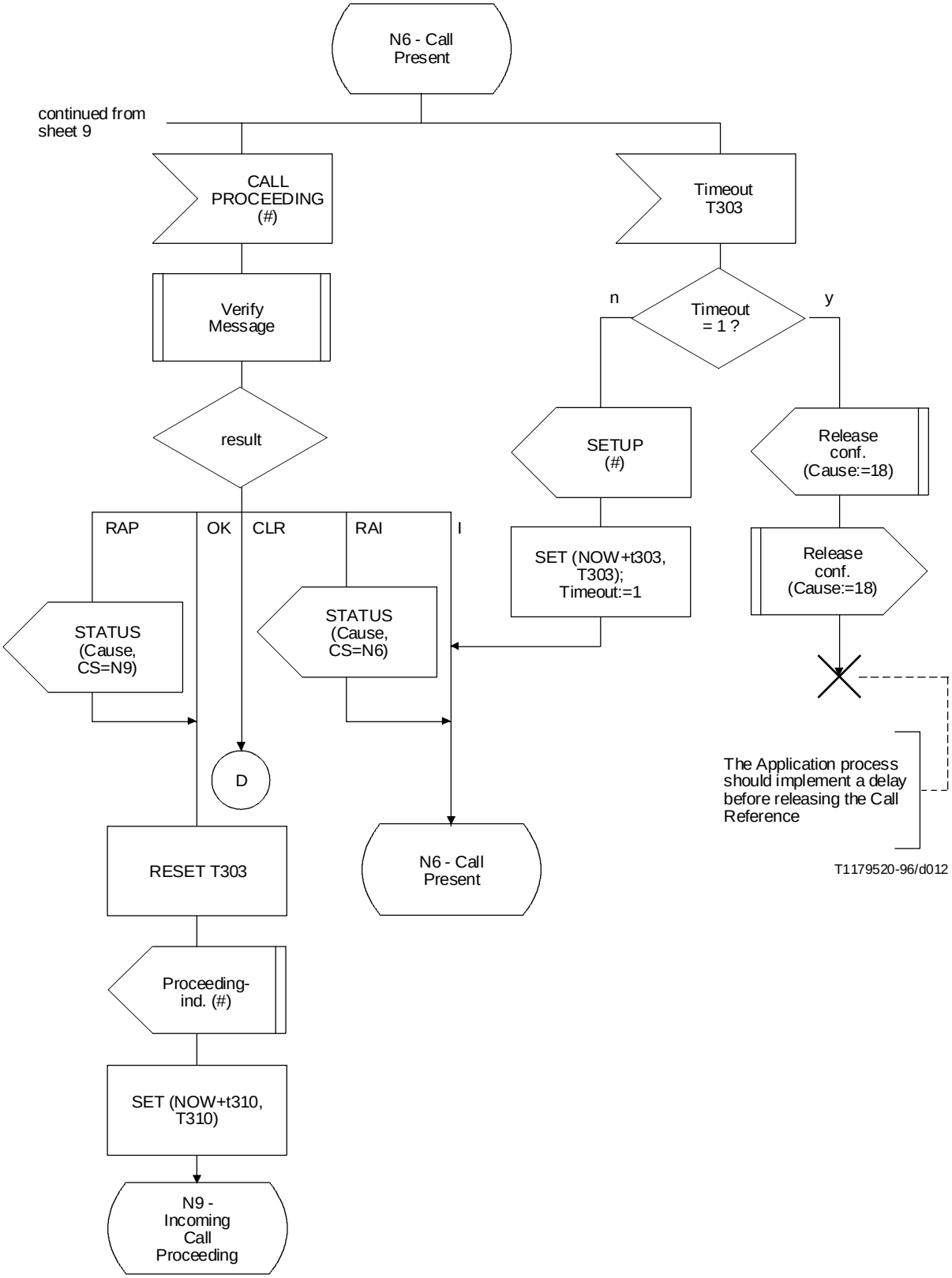
Process Call-Control-N

(hoja 9 de 39)



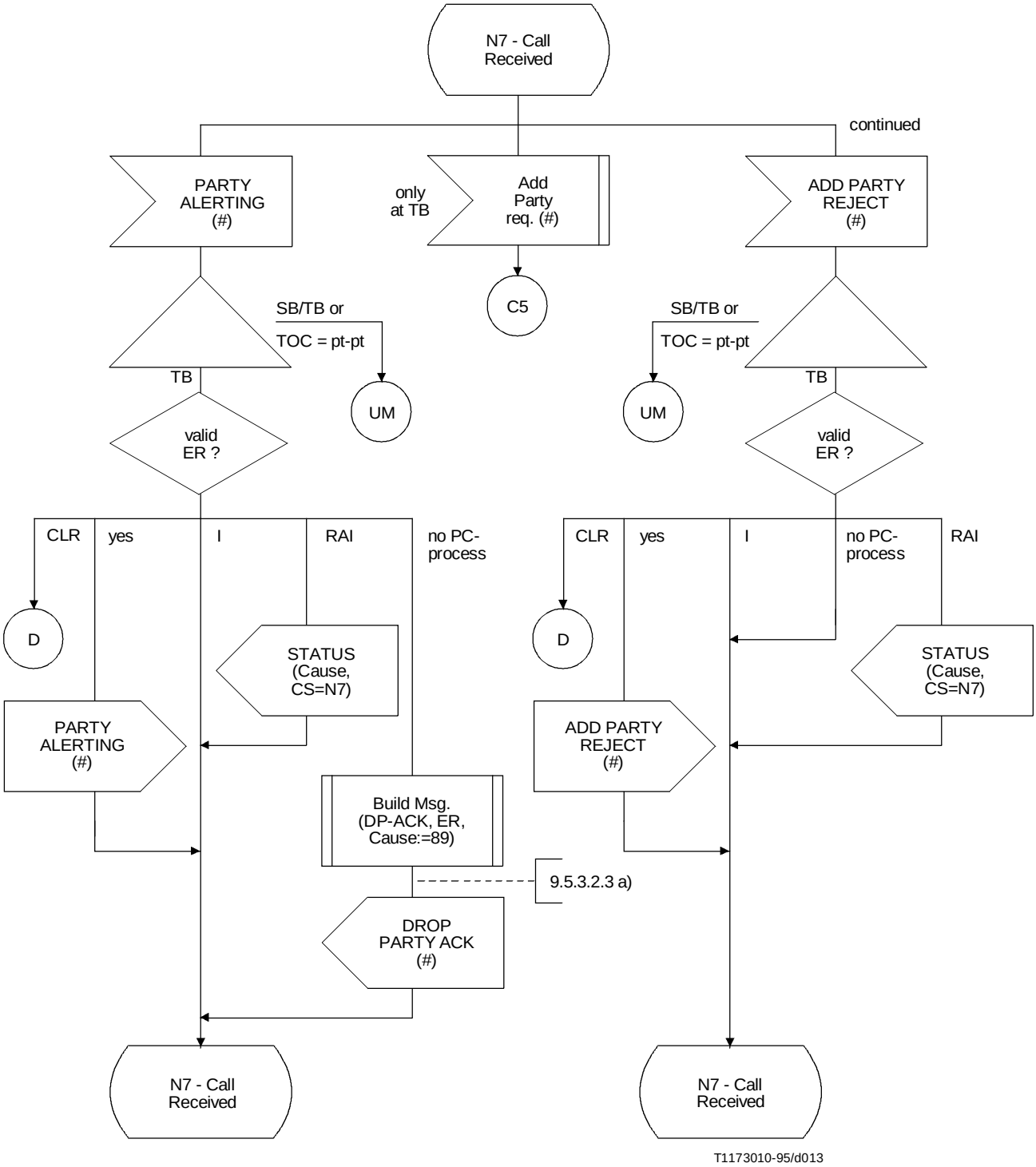
Process Call-Control-N

(hoja 10 de 39)



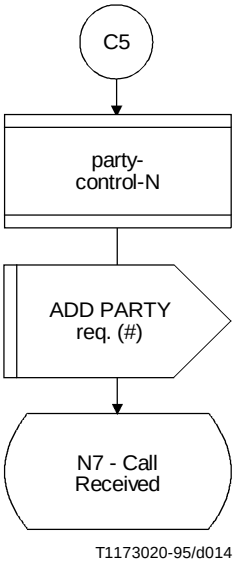
Process Call-Control-N

(hoja 11 de 39)



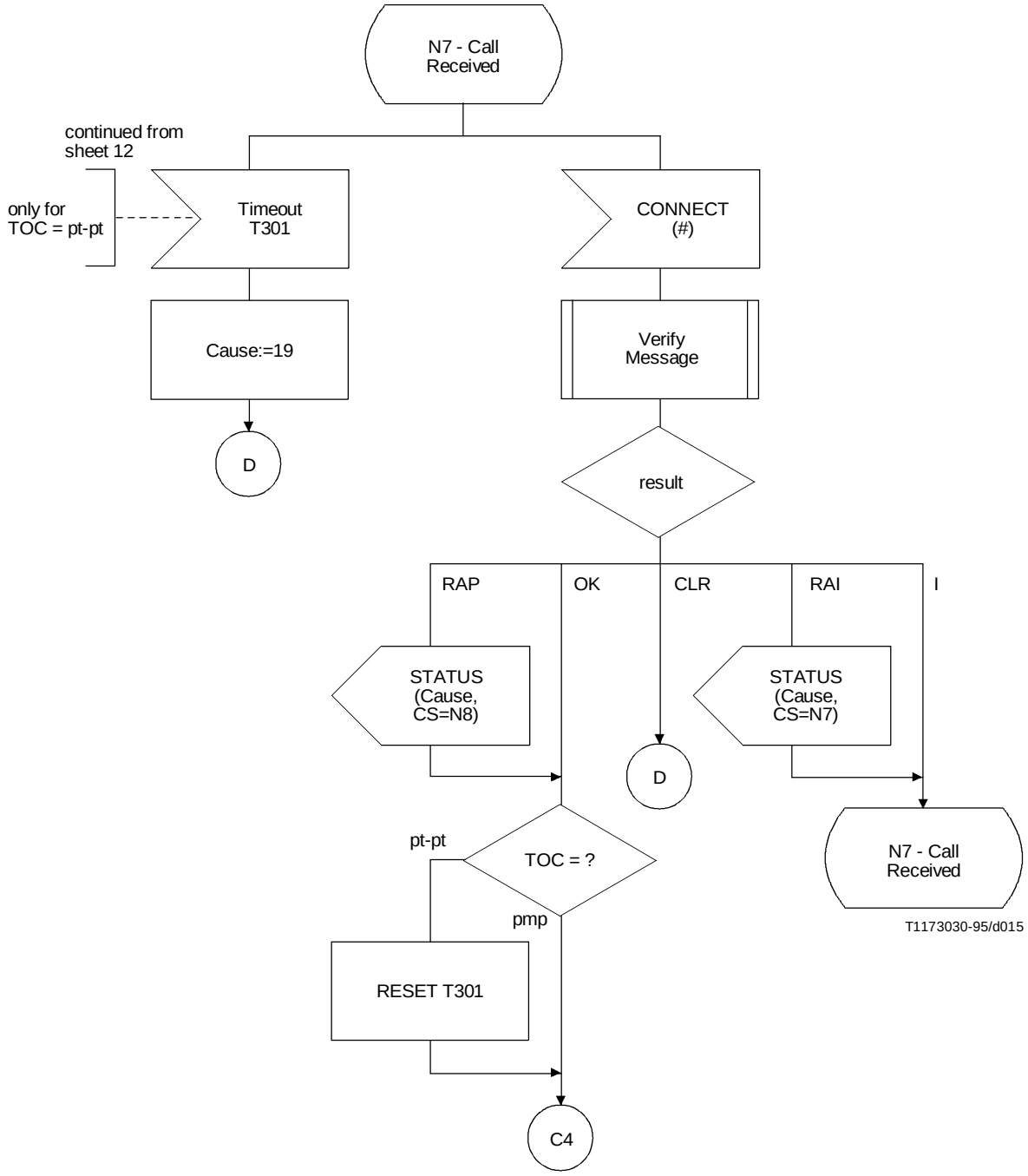
Process Call-Control-N

(hoja 12 de 39)



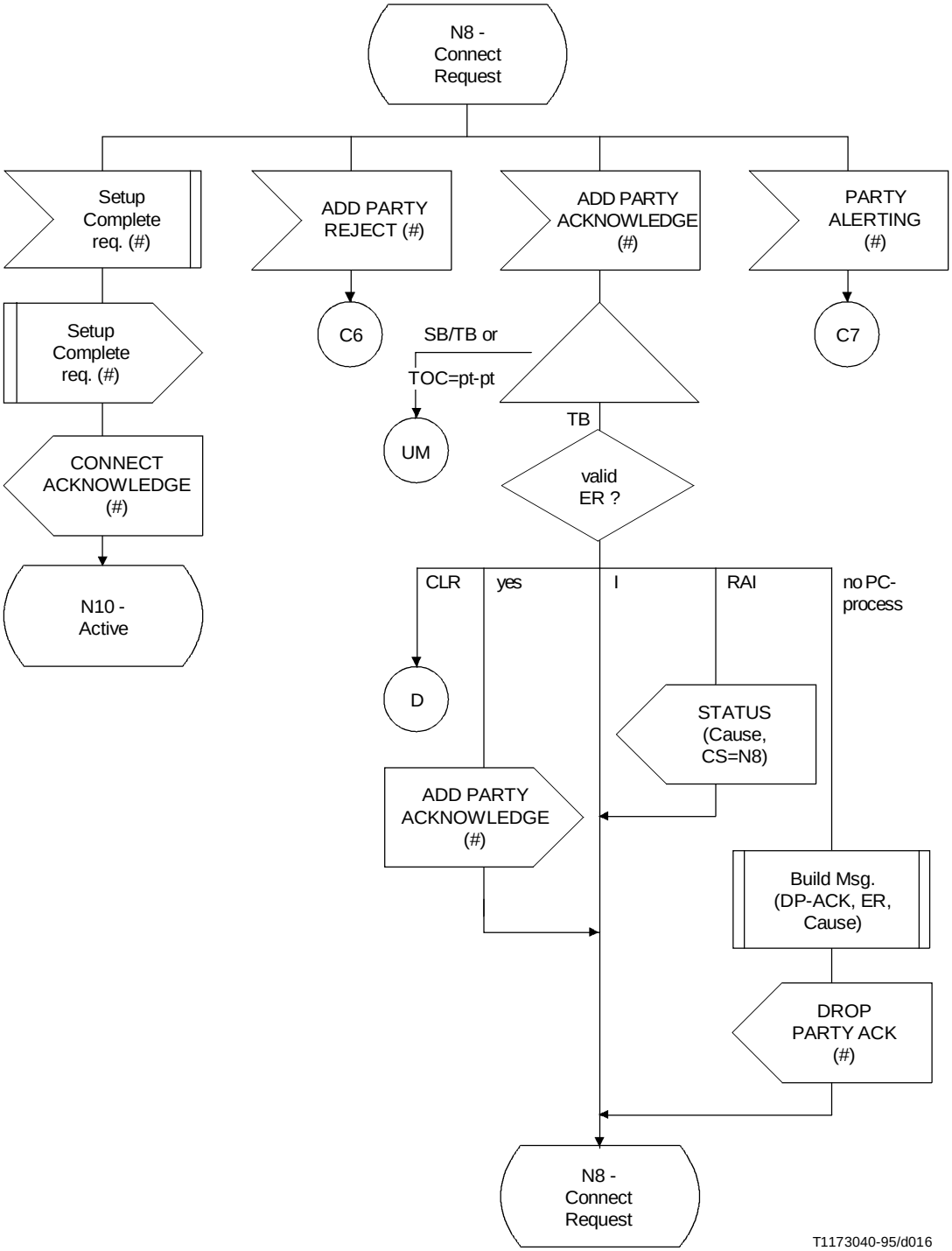
Process Call-Control-N

(hoja 13 de 39)



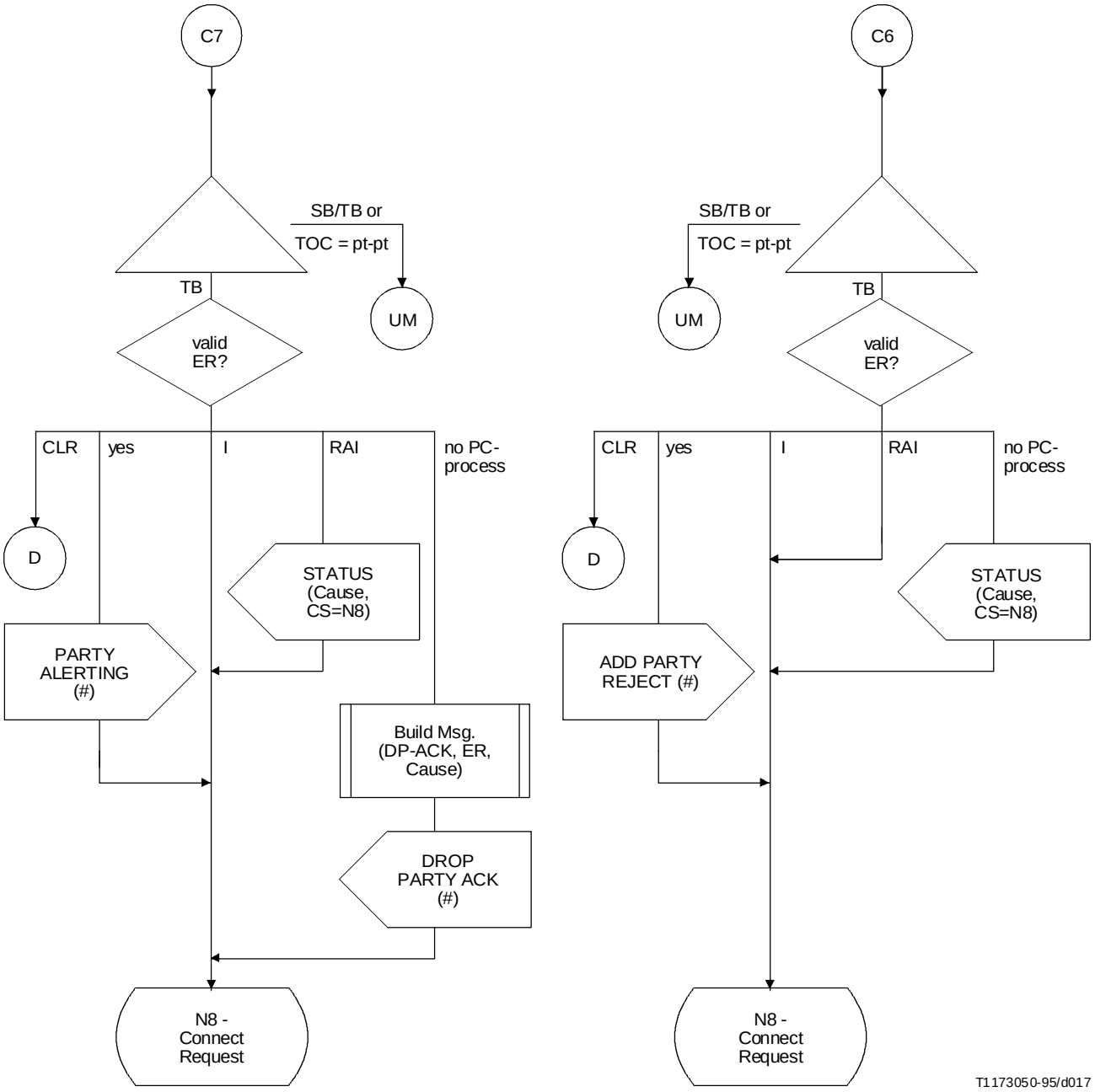
Process Call-Control-N

(hoja 14 de 39)



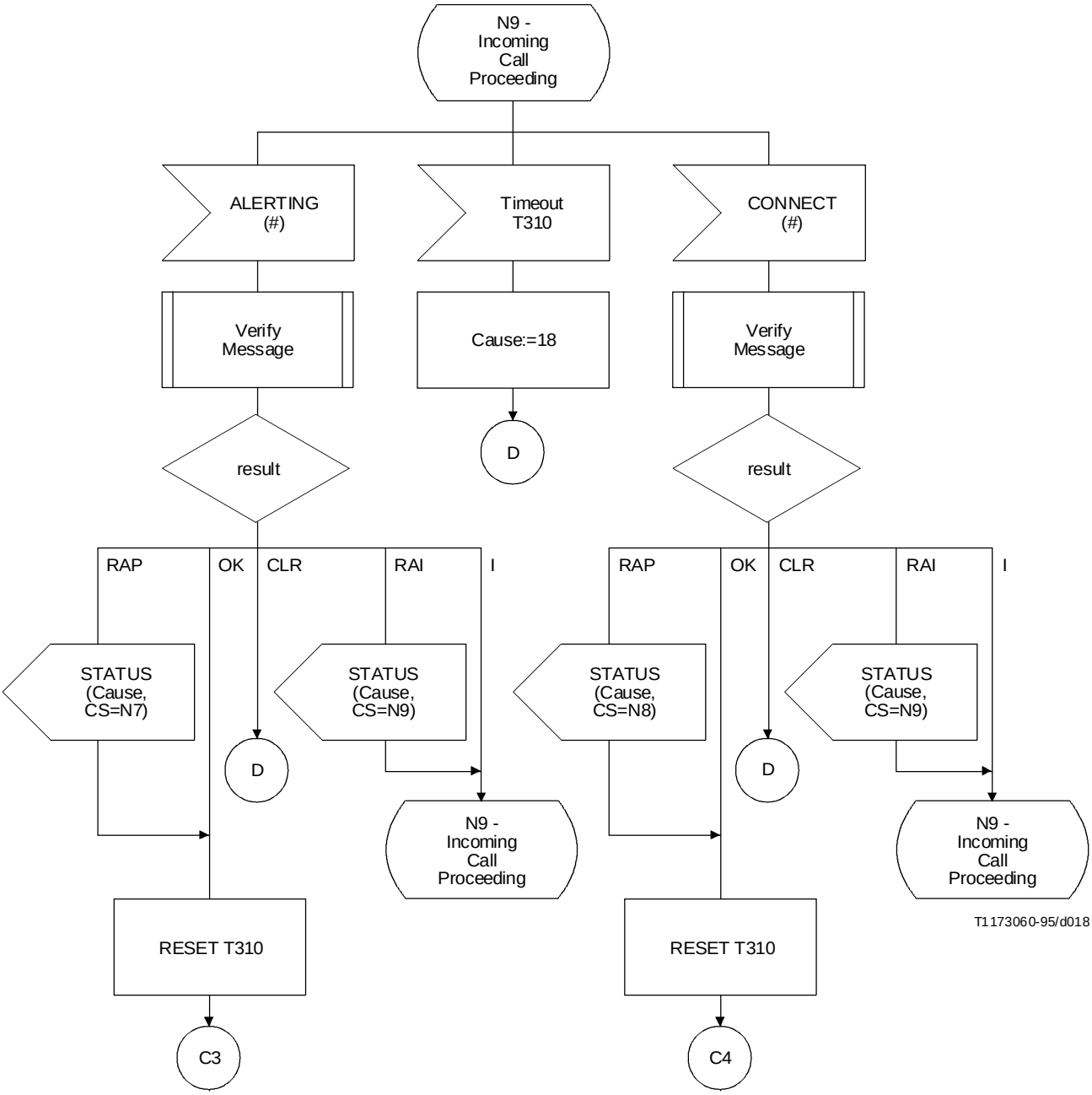
Process Call-Control-N

(hoja 15 de 39)



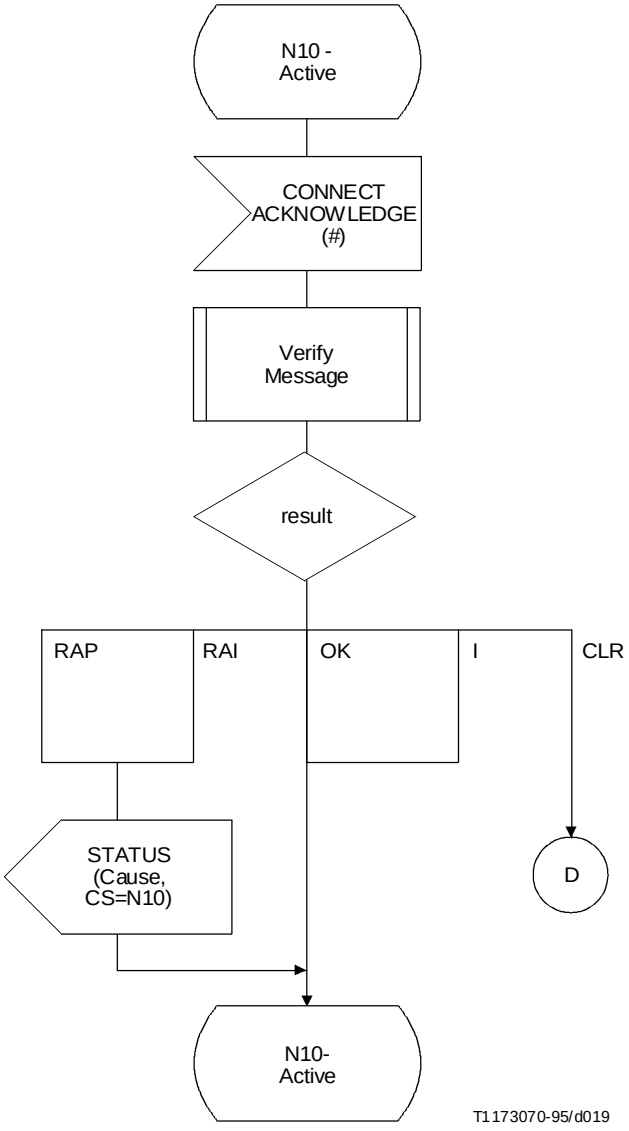
Process Call-Control-N

(hoja 16 de 39)



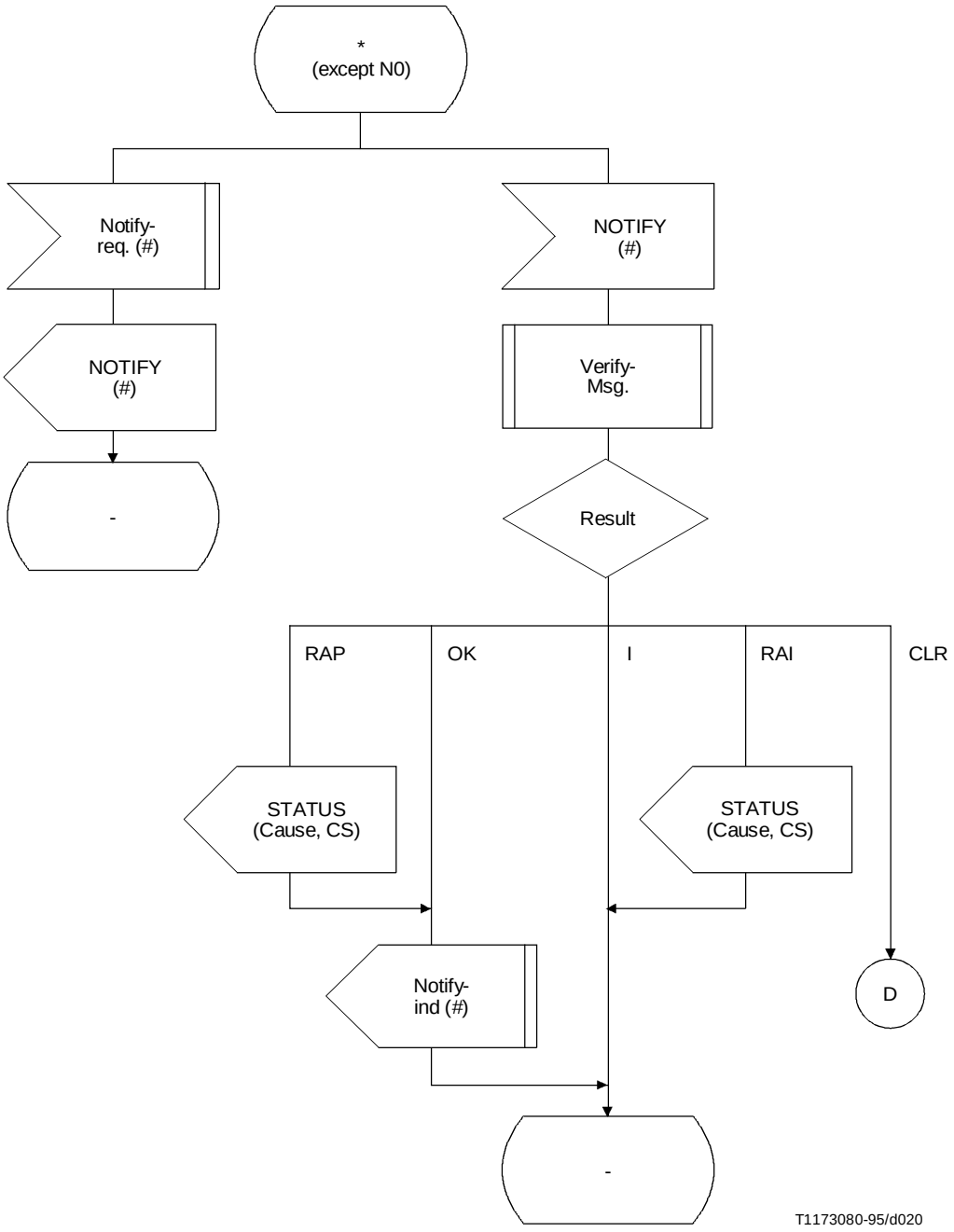
Process Call-Control-N

(hoja 17 de 39)



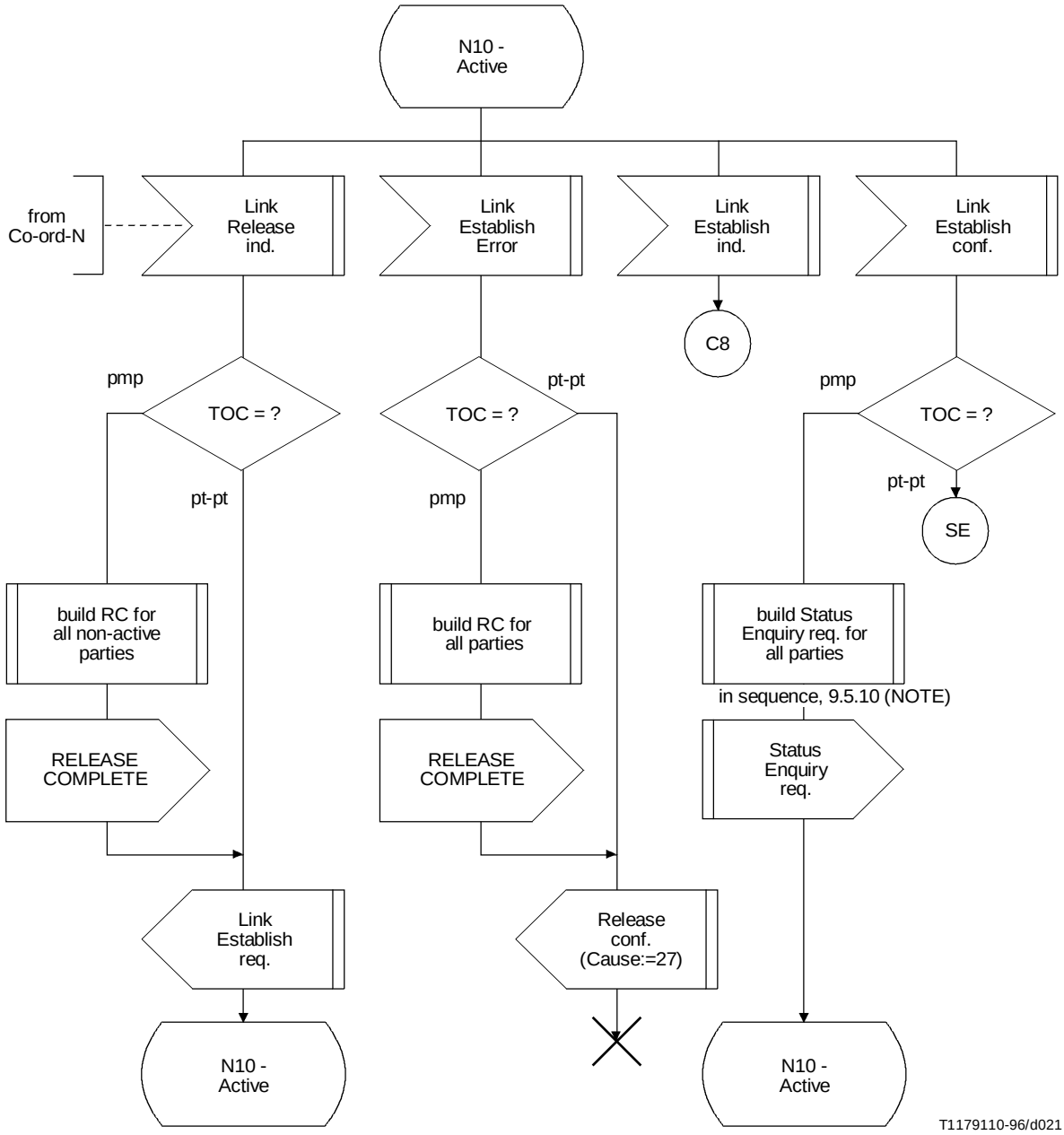
Process Call-Control-N

(hoja 18 de 39)



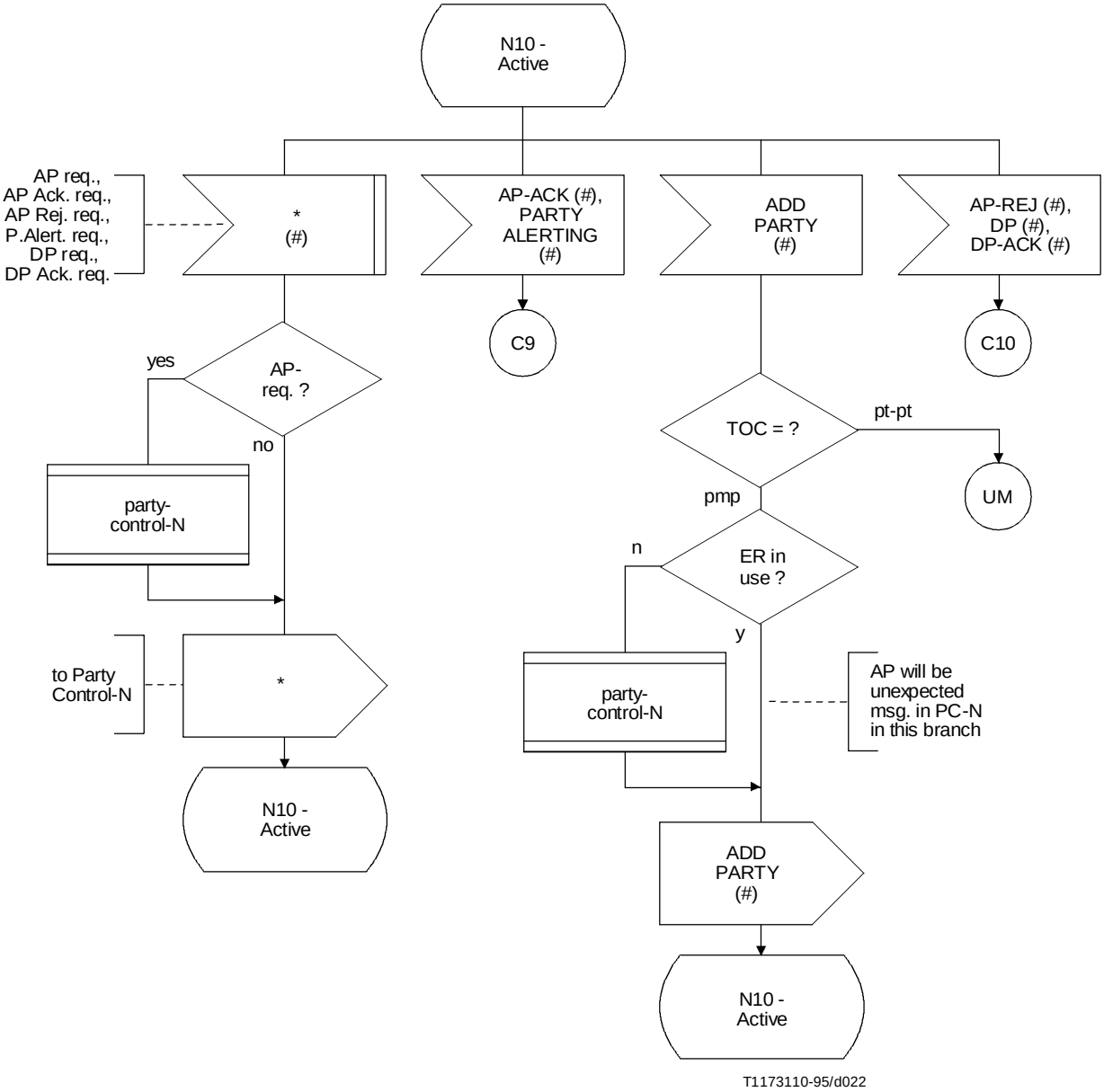
Process Call-Control-N

(hoja 19 de 39)



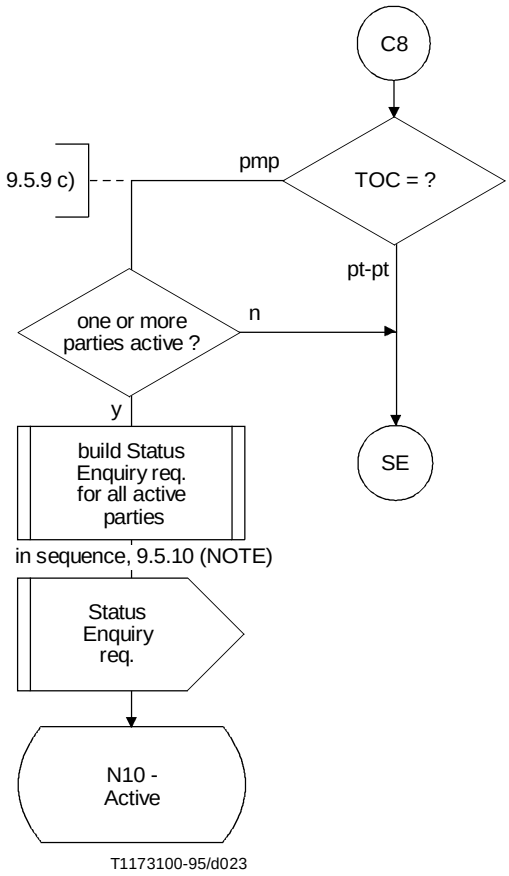
Process Call-Control-N

(hoja 20 de 39)



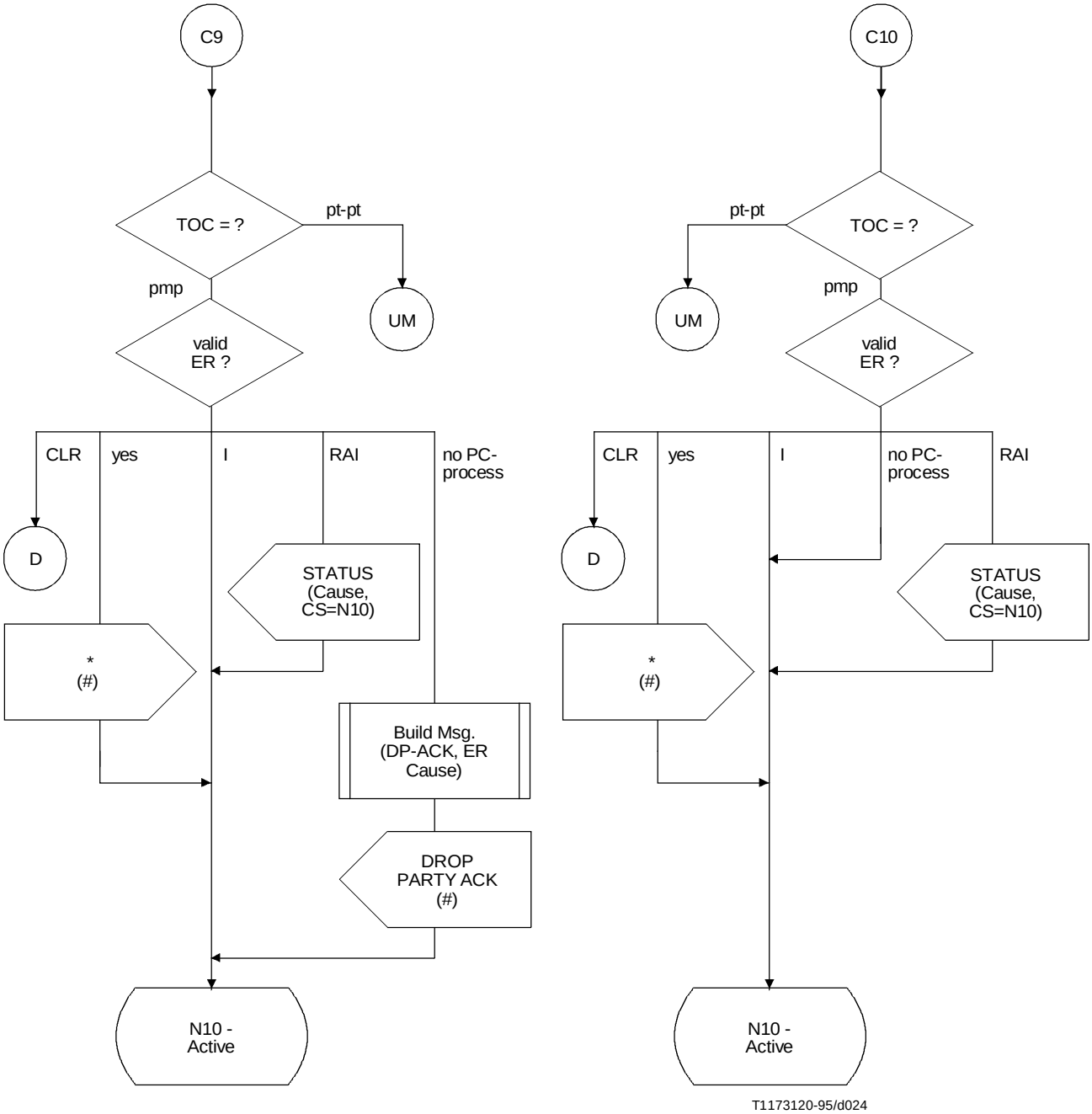
Process Call-Control-N

(hoja 21 de 39)



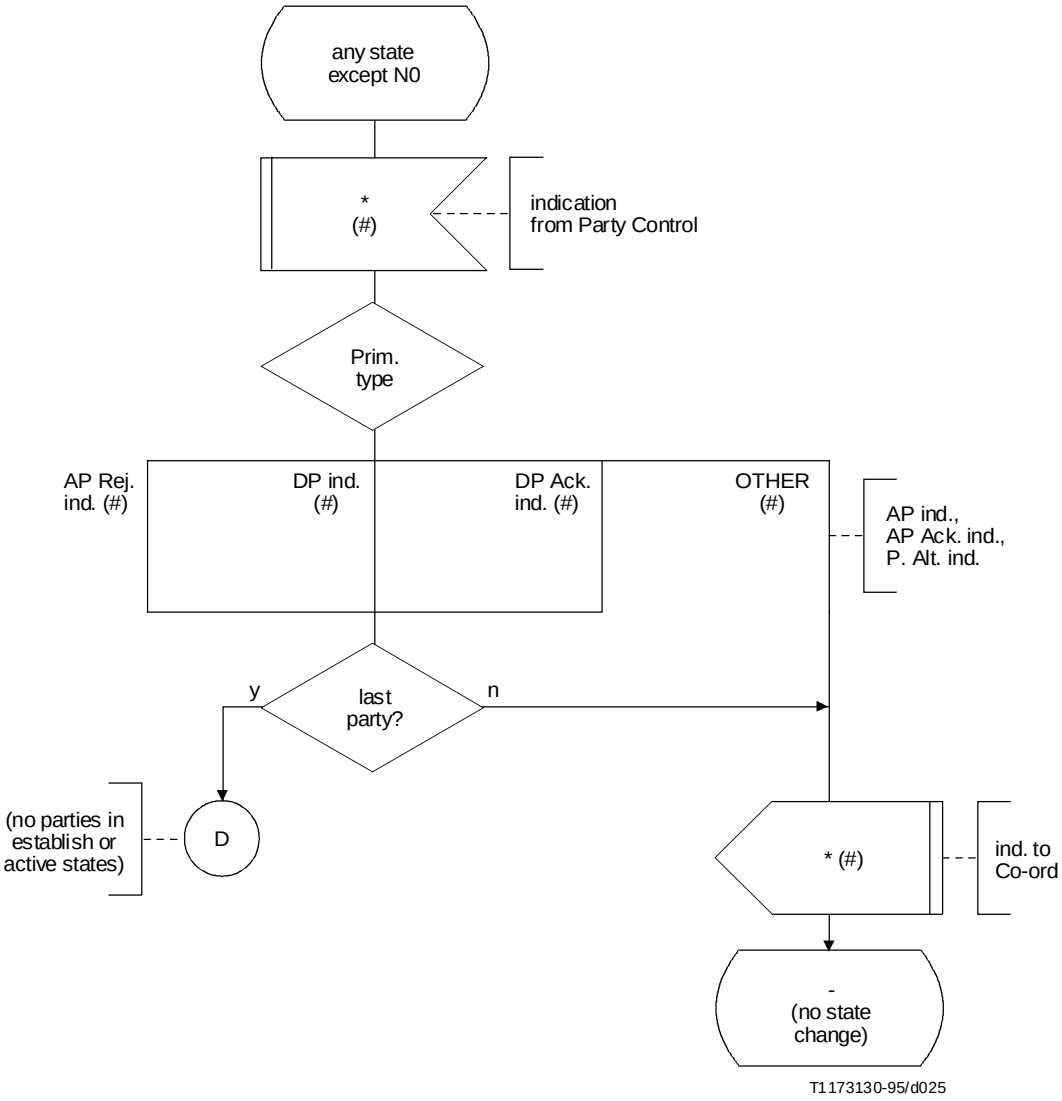
Process Call-Control-N

(hoja 22 de 39)



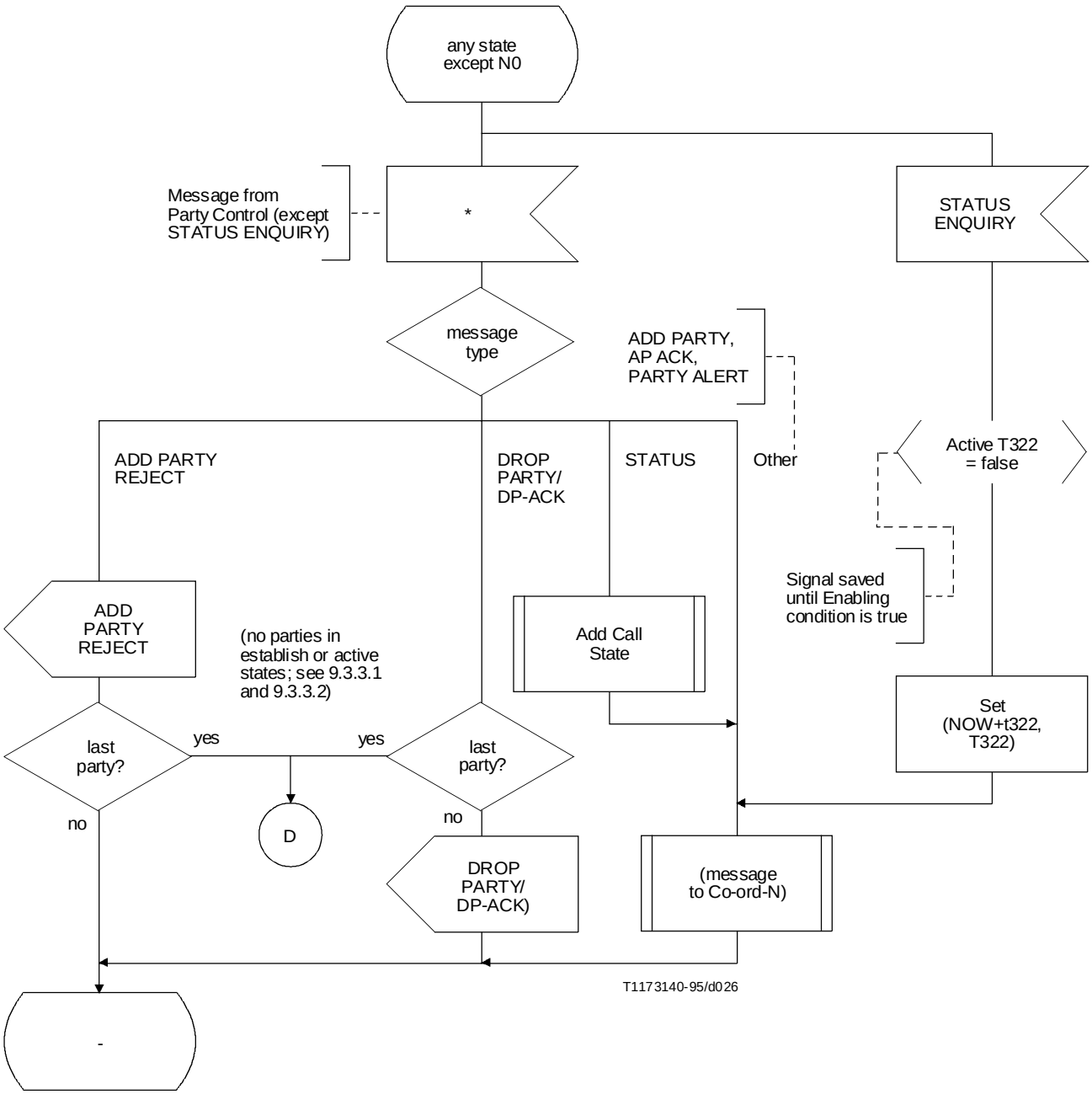
Process Call-Control-N

(hoja 23 de 39)



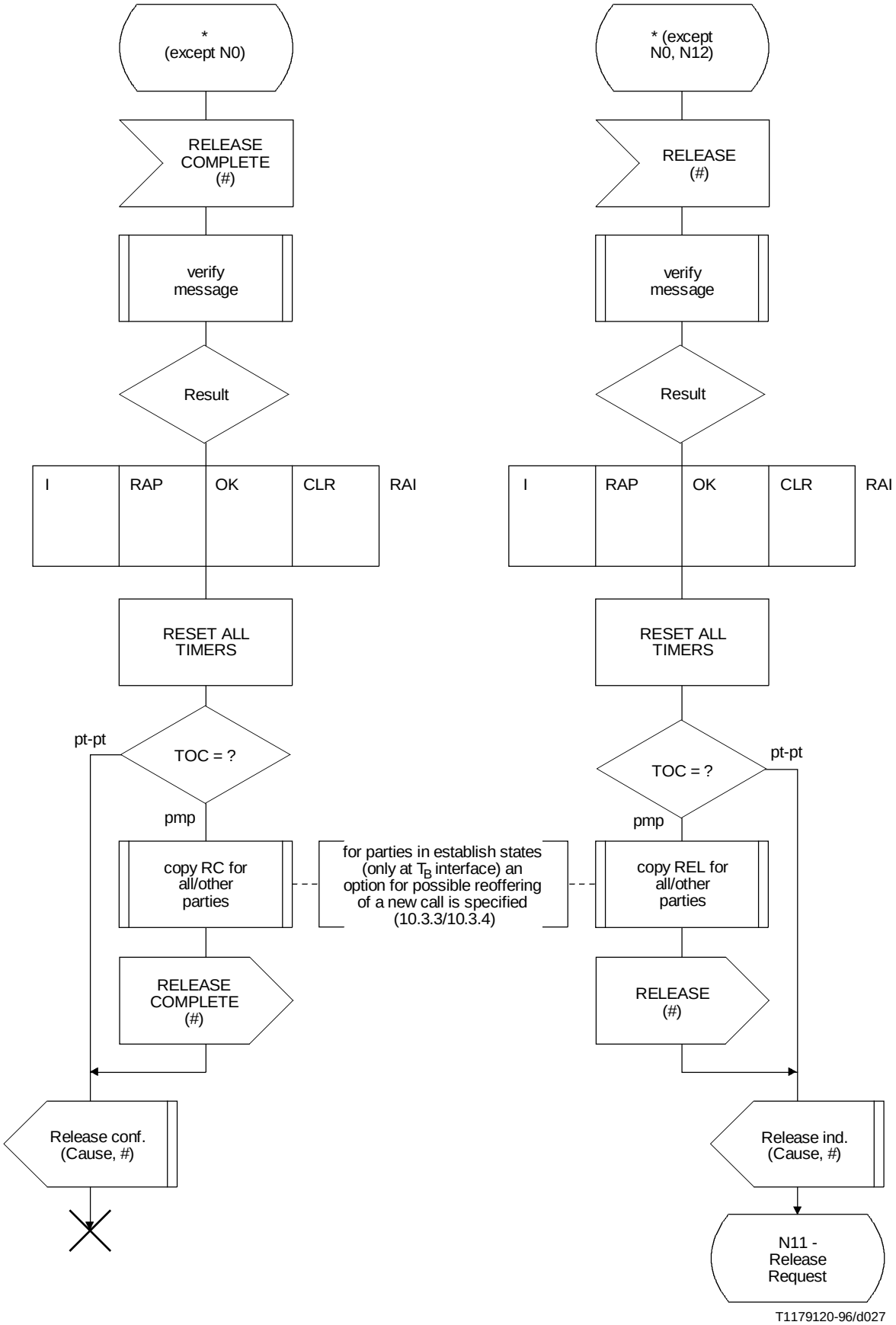
Process Call-Control-N

(hoja 24 de 39)



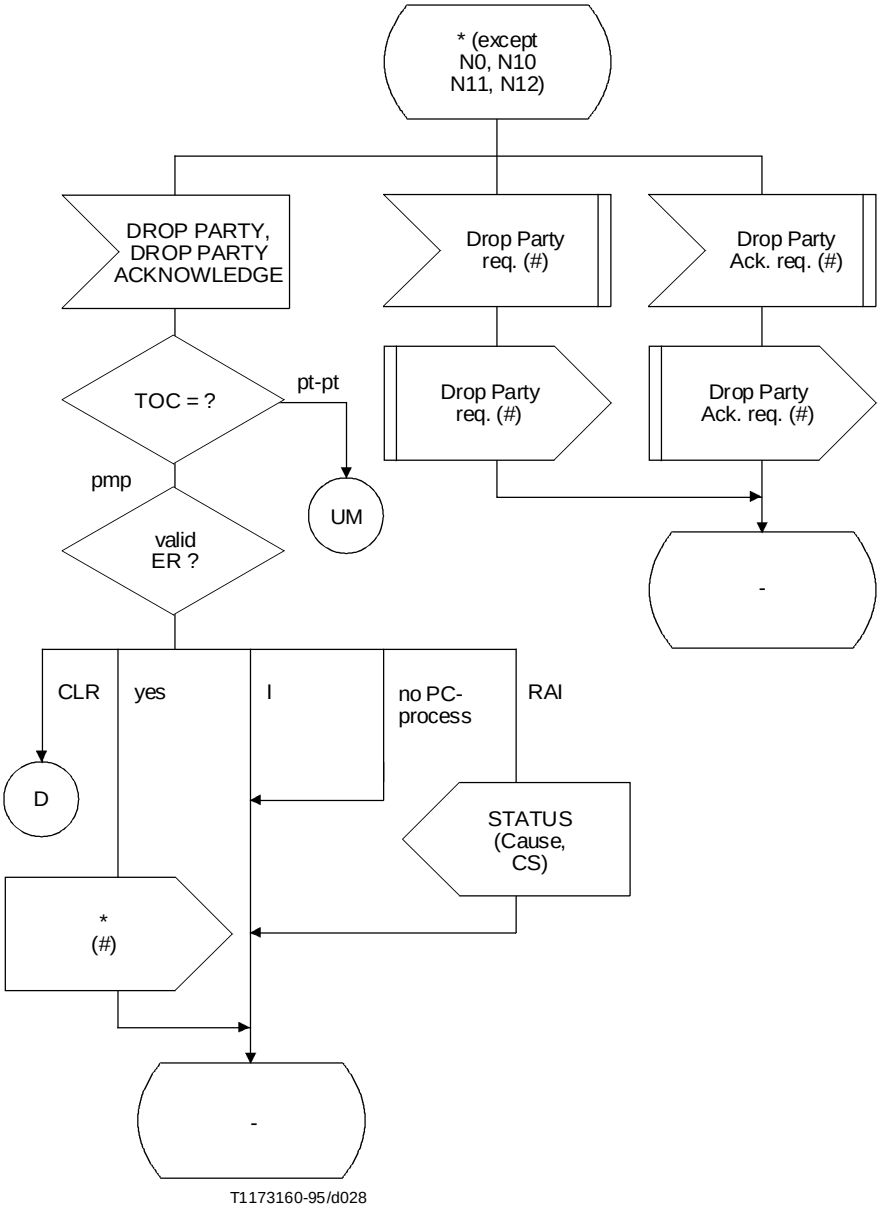
Process Call-Control-N

(hoja 25 de 39)



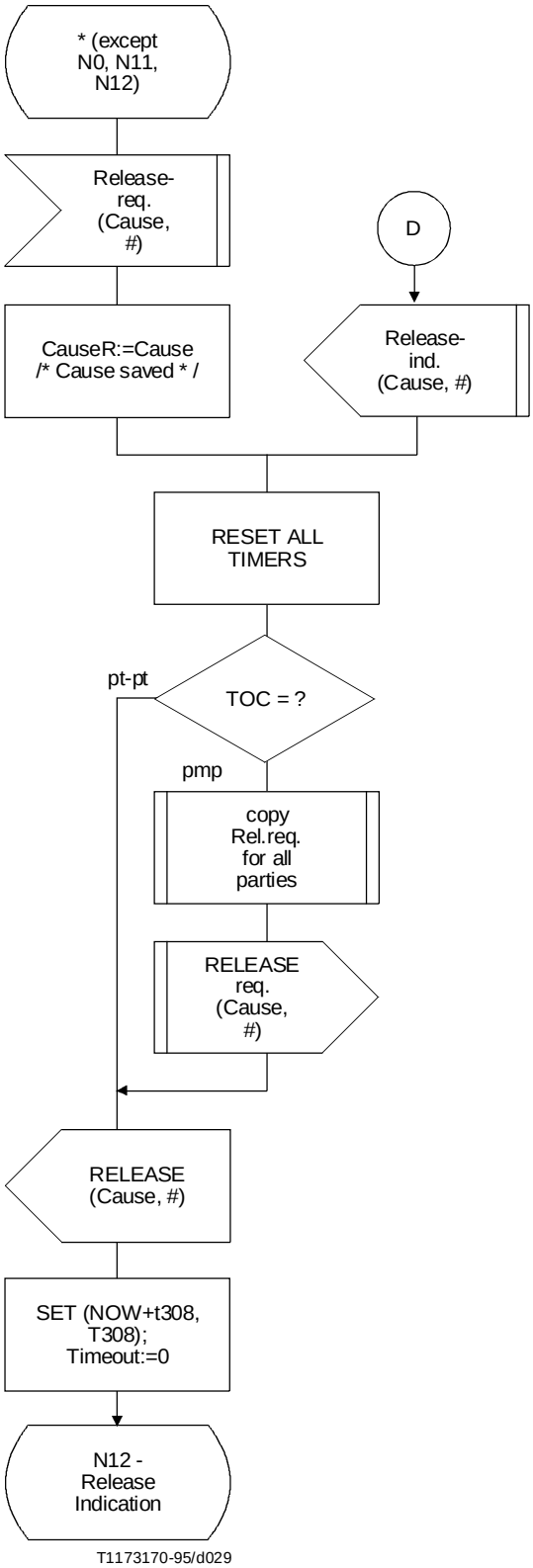
Process Call-Control-N

(hoja 26 de 39)



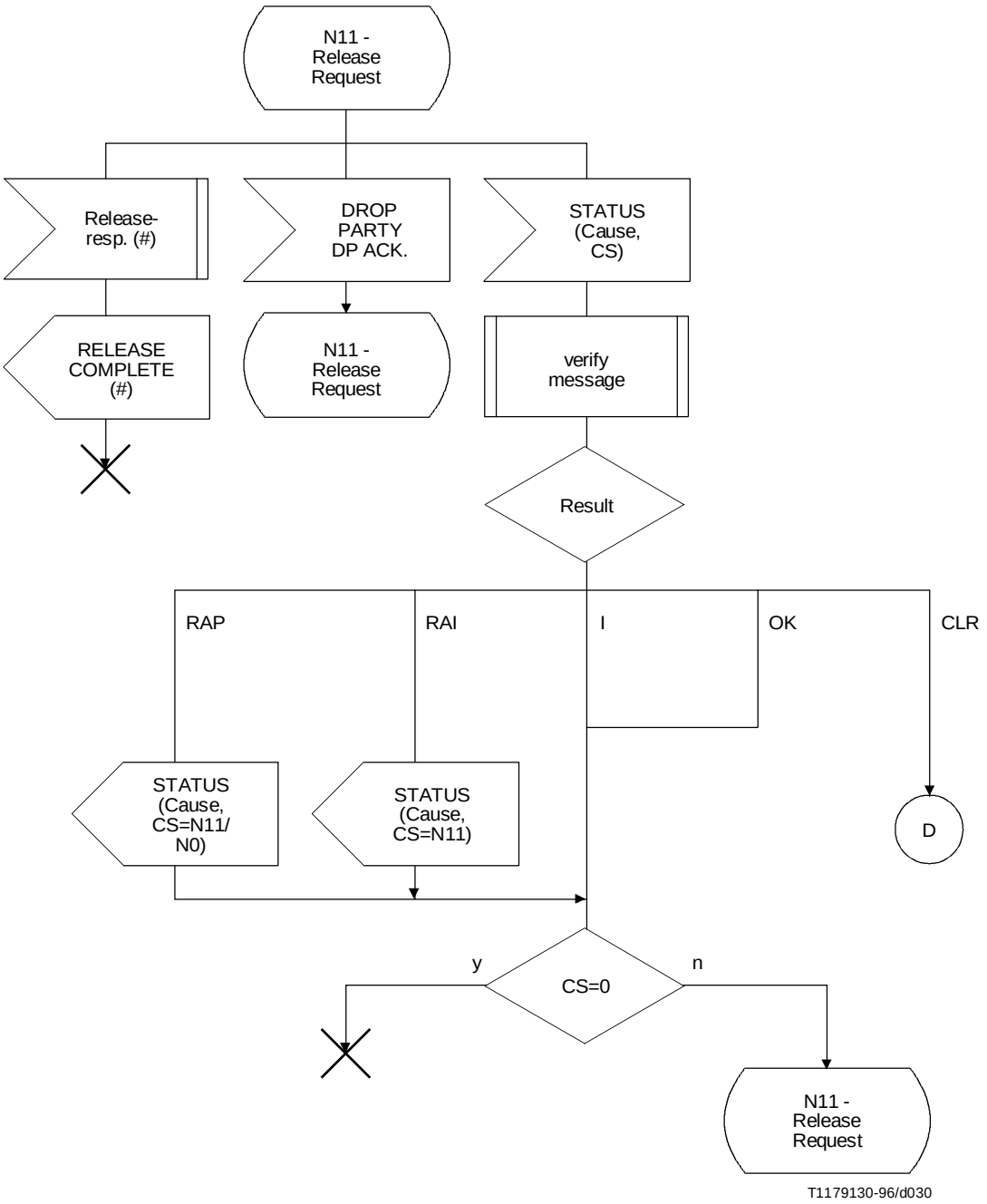
Process Call-Control-N

(hoja 27 de 39)



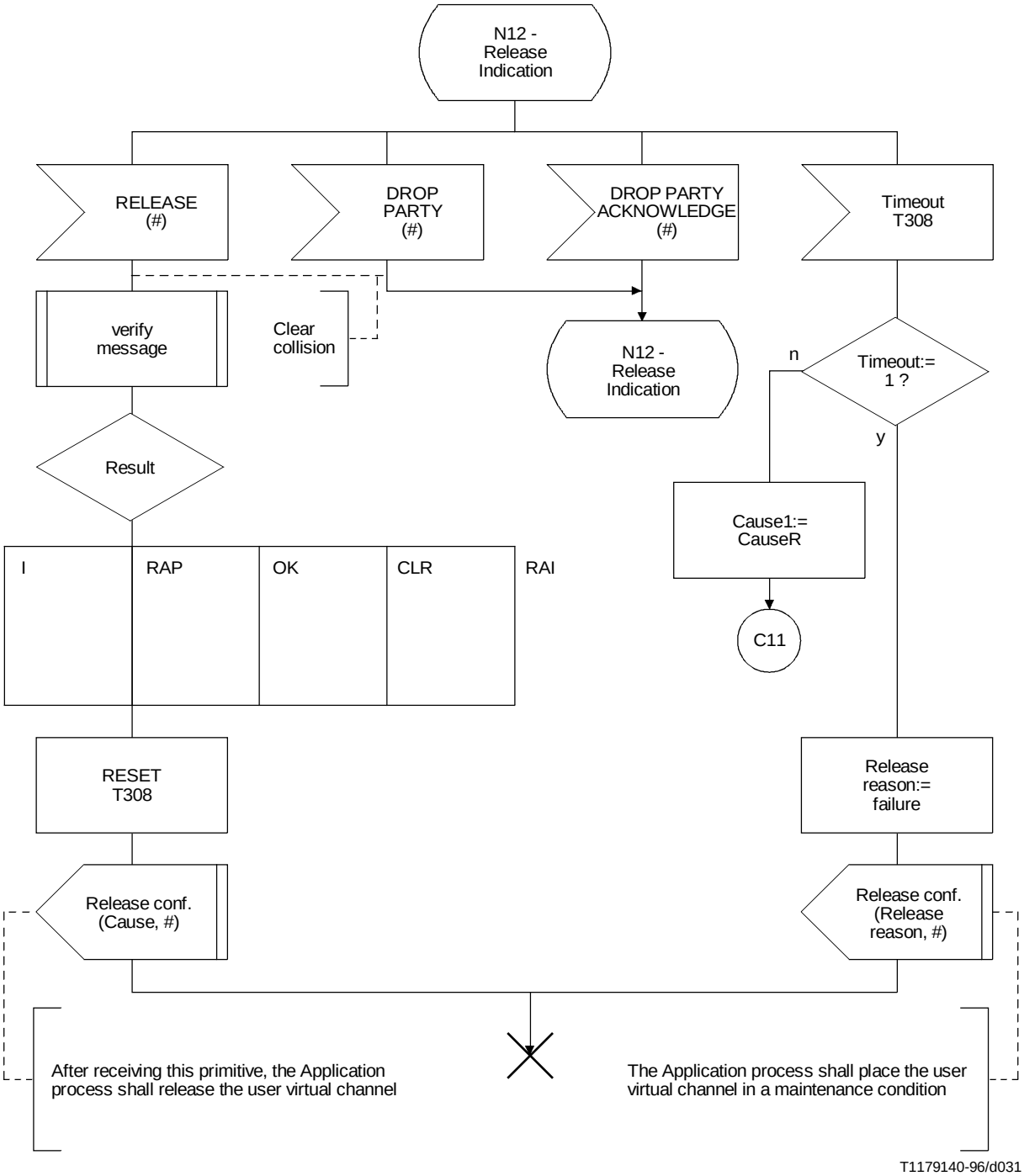
Process Call-Control-N

(hoja 28 de 39)



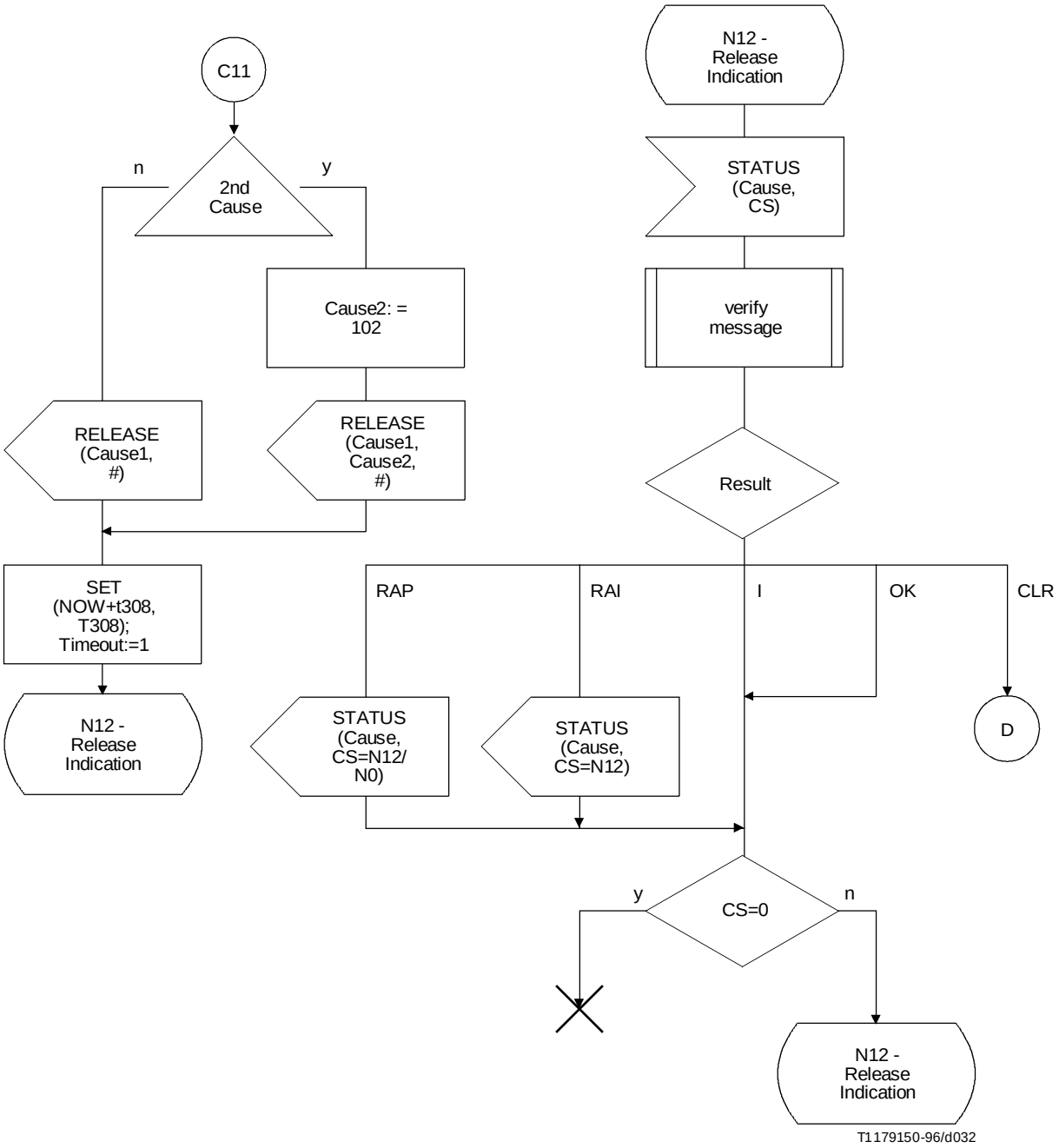
Process Call-Control-N

(hoja 29 de 39)



Process Call-Control-N

(hoja 30 de 39)



Process Call-Control-N

(hoja 31 de 39)