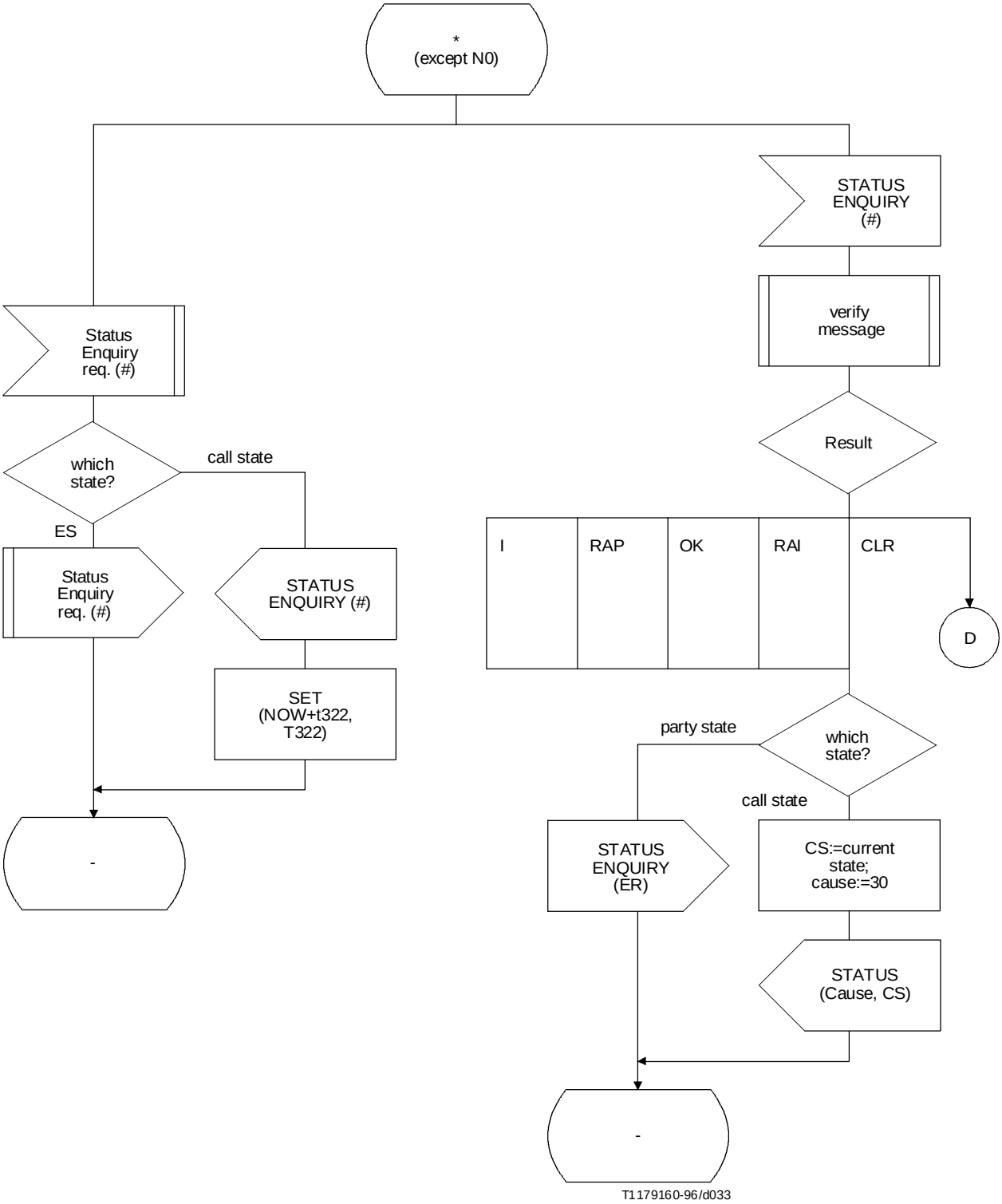
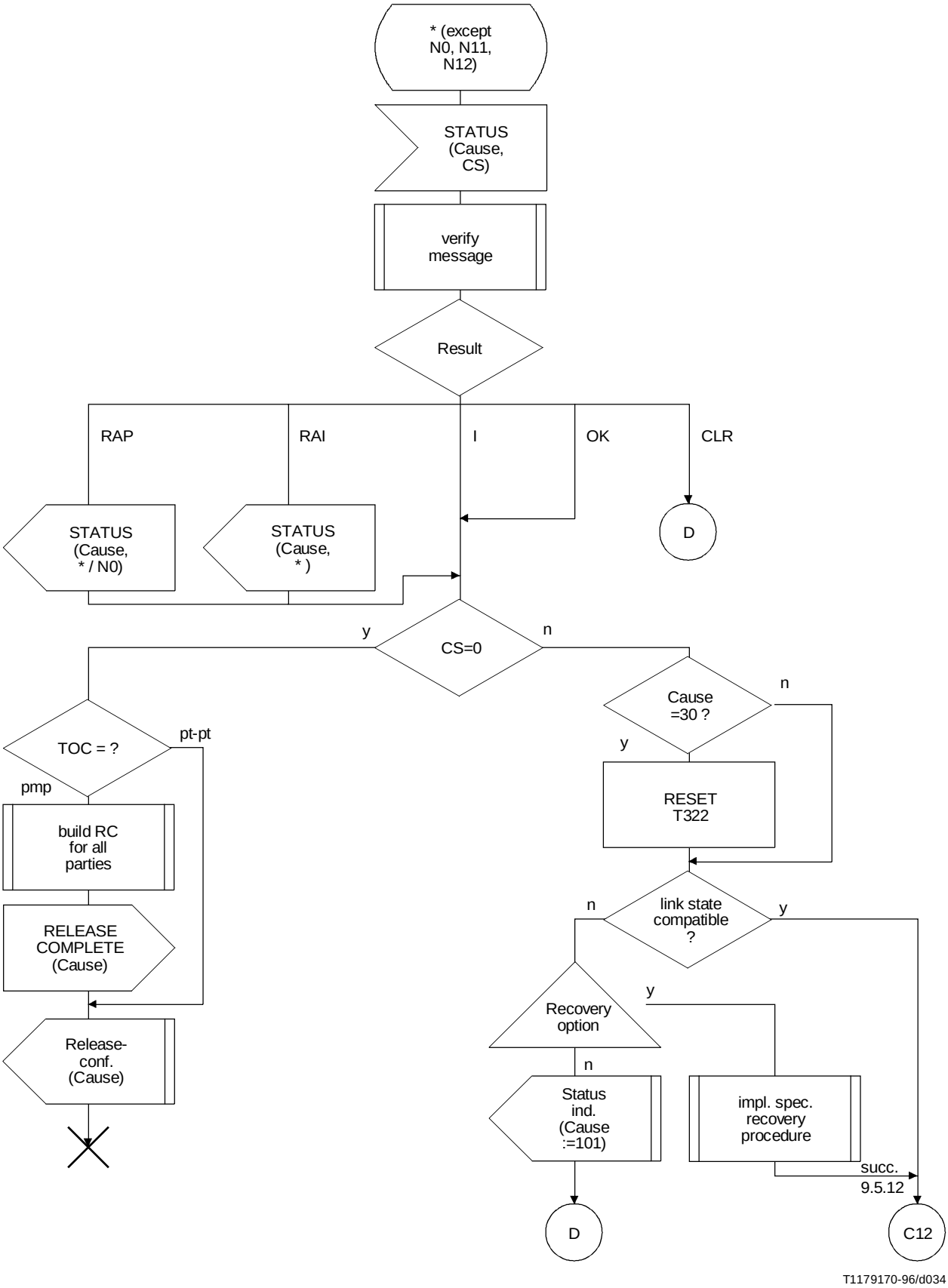


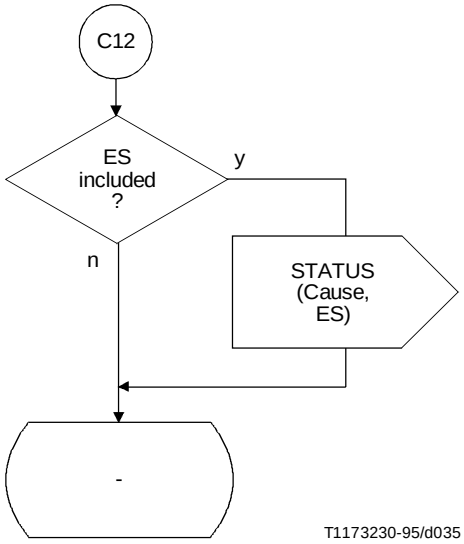

**Process Call-Control-N**

(hoja 32 de 39)



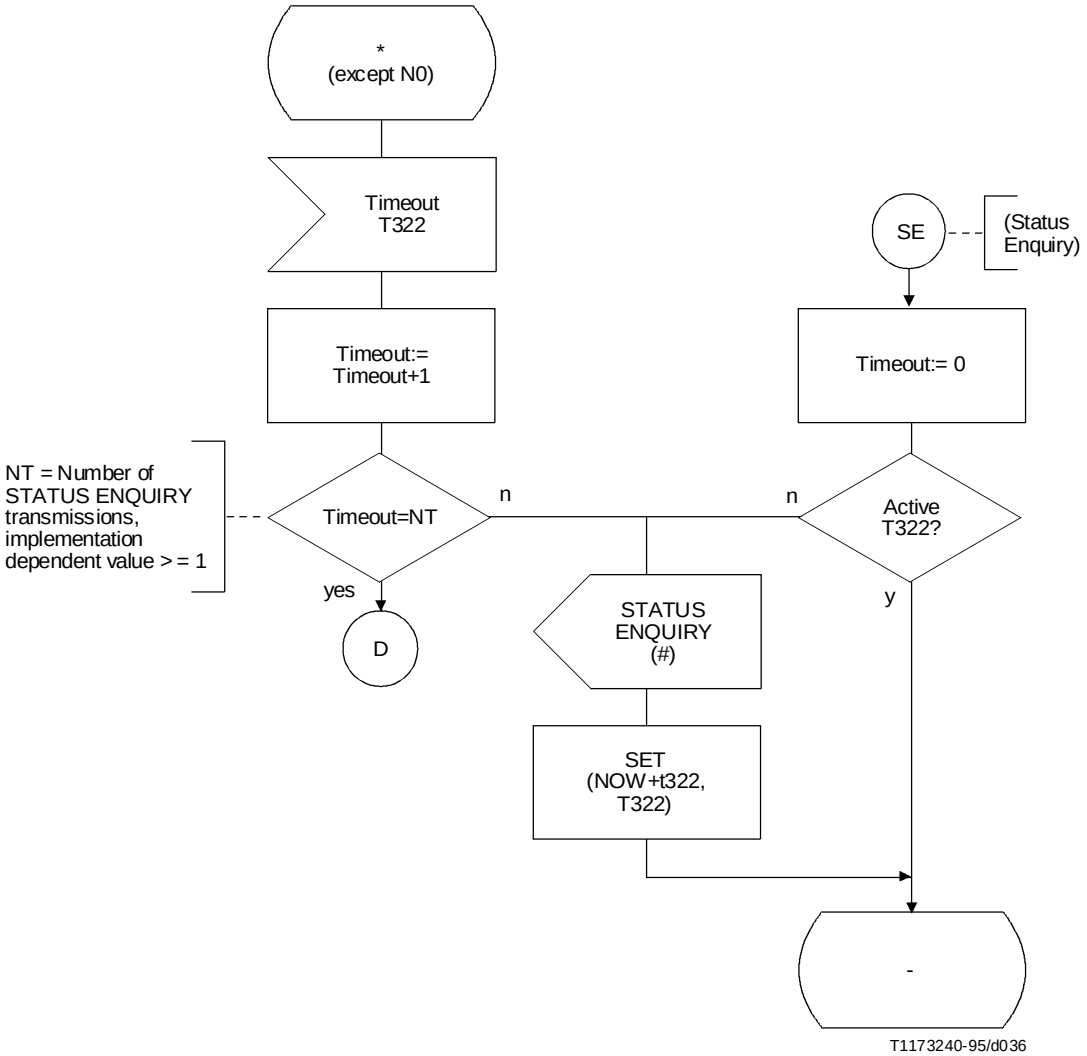

**Process Call-Control-N**

(hoja 33 de 39)



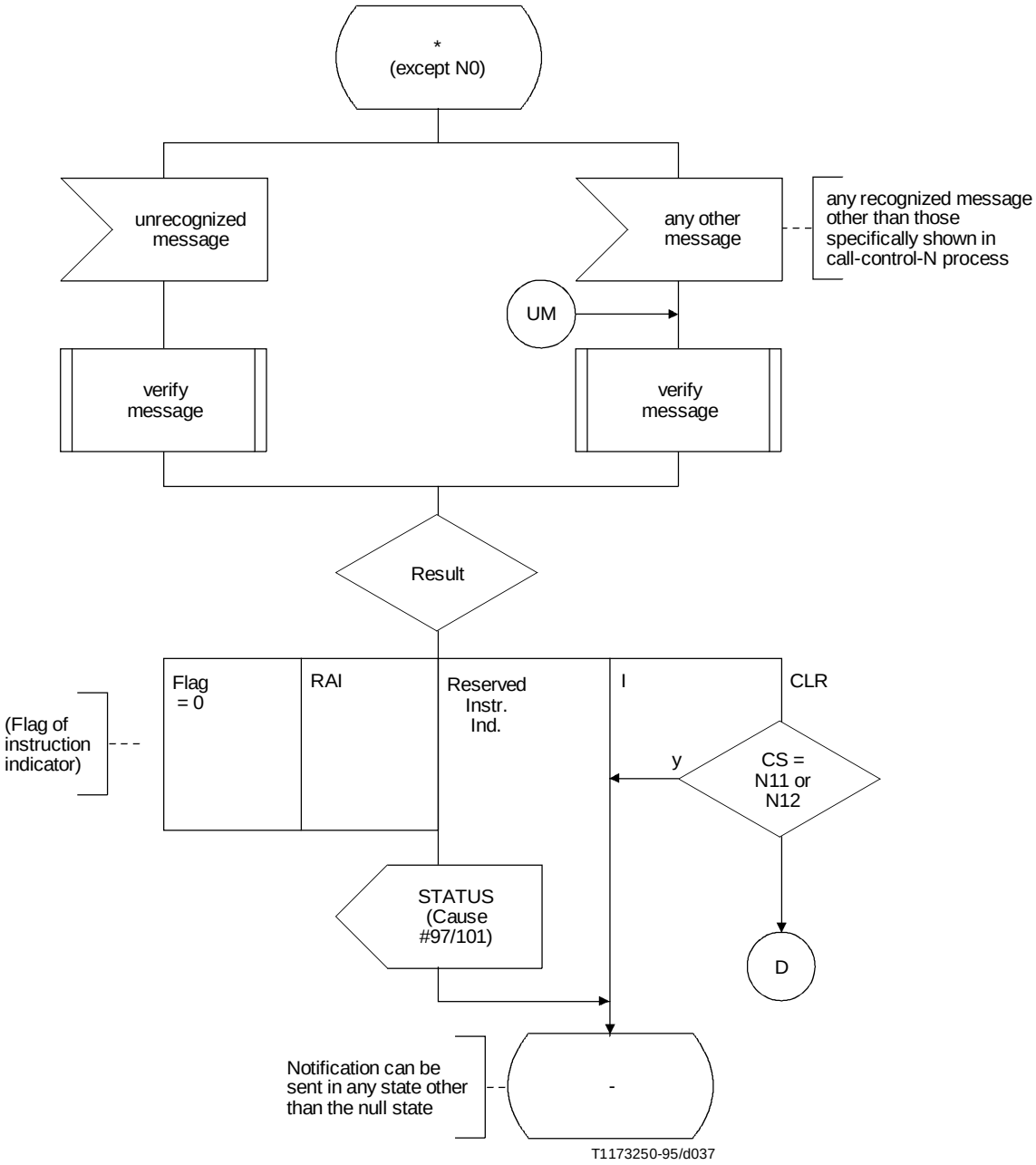

**Process Call-Control-N**

(hoja 34 de 39)



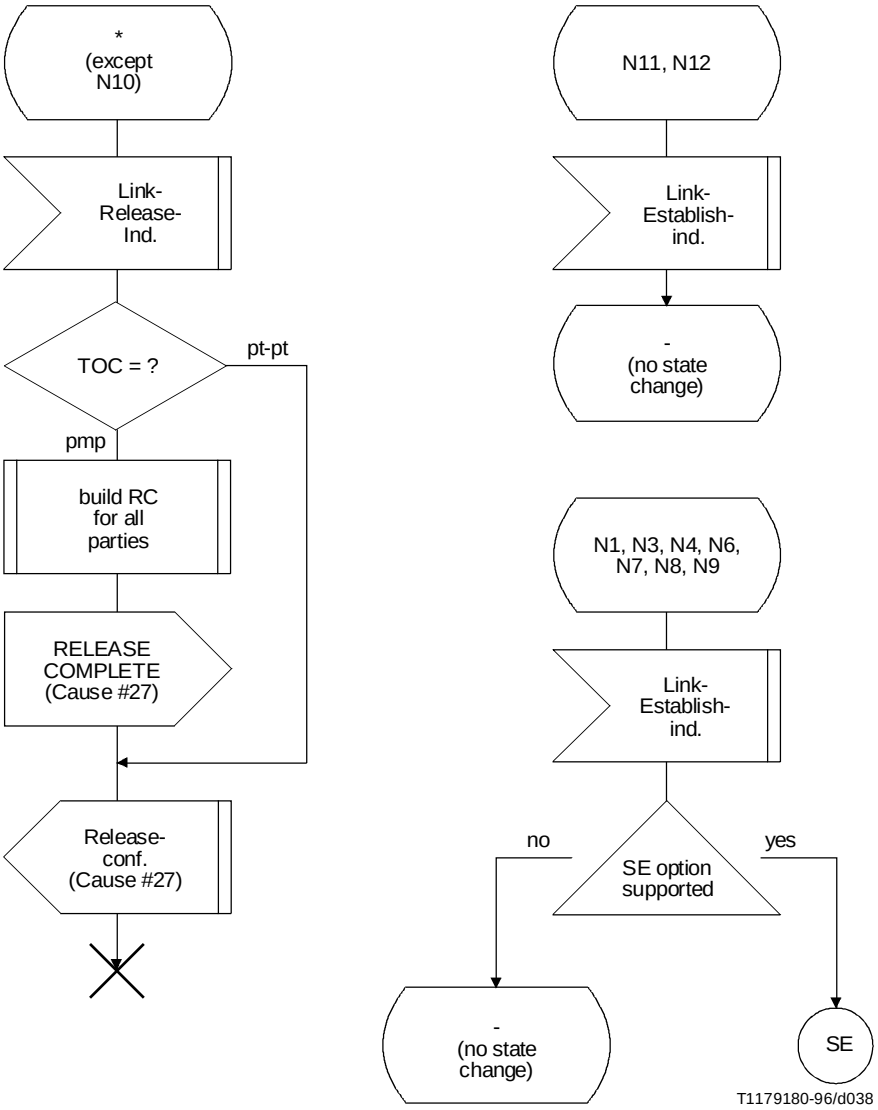

**Process Call-Control-N**

(hoja 35 de 39)



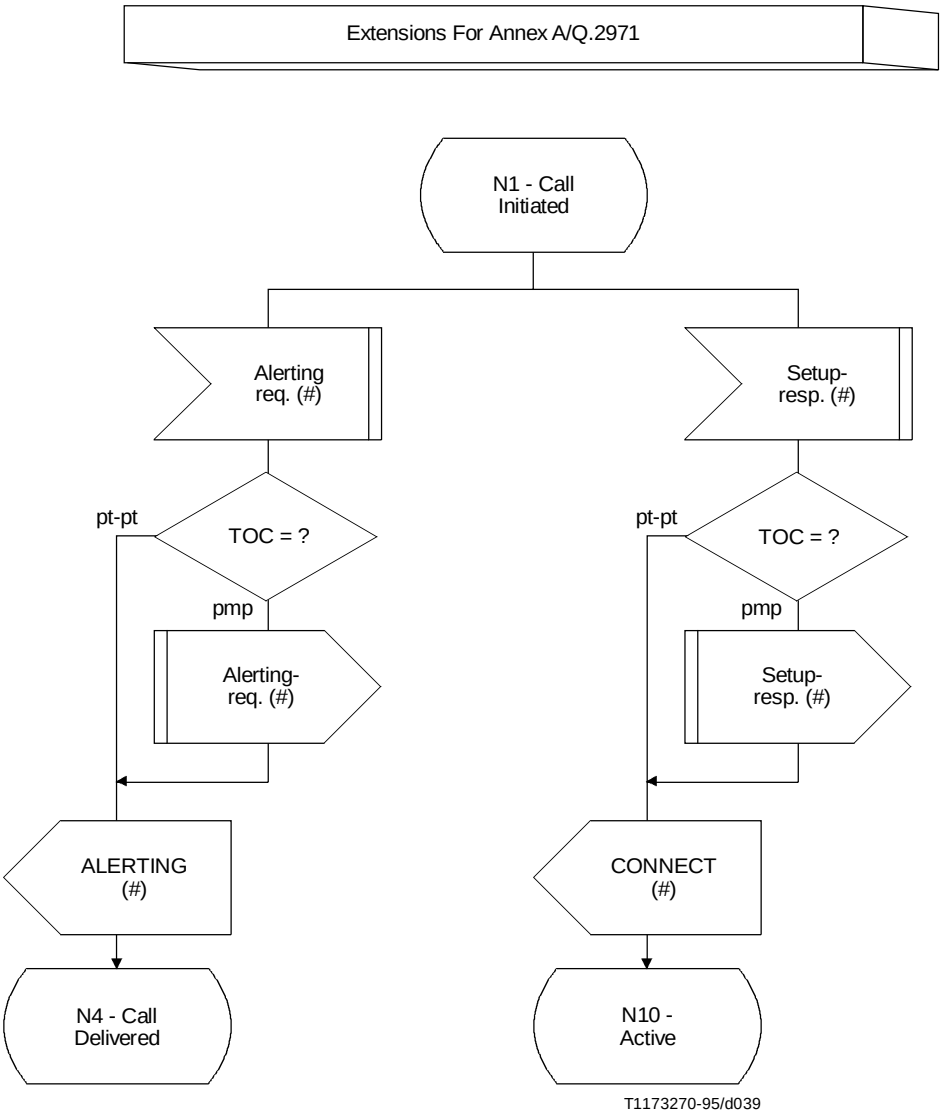

**Process Call-Control-N**

(hoja 36 de 39)



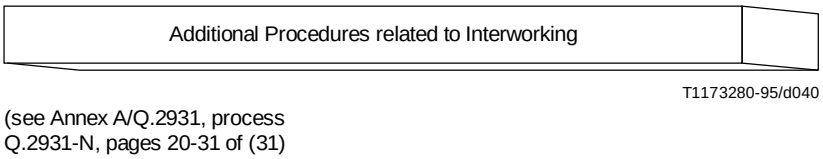

**Process Call-Control-N**

(hoja 37 de 39)




**Process Call-Control-N**

(hoja 38 de 39)




(see Annex A/Q.2931, process Q.2931-N, pages 20-31 of (31)

**Process Call-Control-N**

(hoja 39 de 39)

### F.1.5 PROCESS Reset-Start-N

For the process Reset-Start-N, the SDL description of Annex A/Q.2931 remains valid without the need for technical changes.

### F.1.6 PROCESS Reset-Response-N

For the process Reset-Response-N, the SDL description of Annex A/Q.2931 remains valid without the need for technical changes.

### F.1.7 Process Party-Control-N: Overview State-Event-Diagram (does not include Timer Expires)

[Numbers show sheet no. (sheet 1 of 13); empty fields show events not described/applicable]

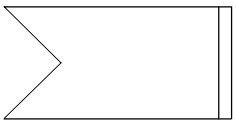
| State<br>Event (5.7) | PN0 | PN1 | PN2 | PN3 | PN4 | PN5 | PN6 | PN7 |
|---|---|---|---|---|---|---|---|---|
| (from CC-N:) | | | | | | | | |
| Setup-req. | 3 | | | | | | | |
| Alerting-req. | | | 6 | | | | | |
| Setup-resp. | | | 6 | 7 | | | | |
| Setup-compl.-req. | | 4 | | | 7 | | | |
| Release-req. | | 11 | 11 | 11 | 11 | 10 | 11 | 11 |
| Release-resp. | | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| SETUP | 3 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| ALERTING | | 5 | 11 | 11 | 11 | 11 | 11 | 11 |
| RELEASE | | 11 | 11 | 11 | 11 | 10 | 11 | 11 |
| RELEASE COMP. | | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| STATUS | 13 | 12 | 12 | 12 | 12 | 10 | 12 | 12 |
| STATUS ENQUIRY | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Add Party req. | 3 | | | | | | | |
| Add Party Ack. req. | | | 6 | 7 | | | | |
| Add Party Rej. req. | | | 6 | | | | | |
| Party Alerting req. | | | 6 | | | | | |
| Drop Party req. | | 8 | | 8 | 8 | | | 8 |
| DP Ack. req. | | | | | | | 9 | |
| Party St. Enq. req. | | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| ADD PARTY | 3 | 11 | 6 | 11 | 11 | 11 | 11 | 11 |
| ADD PARTY ACK. | | 4 | 11 | 11 | 7 | 11 | 11 | 11 |
| ADD PARTY REJ. | | 4 | 11 | 11 | 11 | 10 | 11 | 11 |
| PARTY ALERTING | | 5 | 11 | 11 | 11 | 11 | 11 | 11 |
| DROP PARTY | | 9 | 9 | 9 | 9 | 10 | 9 | 9 |
| DP ACK. | | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

**Process Call-Control-N**

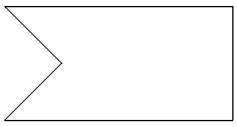
(hoja 1 de 13)

**Process Call-Control-N – Legend**

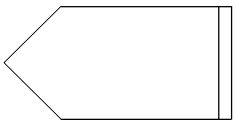
See Recommendation Q.2931, SDL Key; in addition:



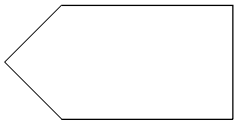
signals from Call-Control-N related to primitives



signals from Call-Control-N related to messages



signals to Call-Control-N related to primitives



signals to Call-Control-N related to messages

This symbol is used to indicate the end of a process.

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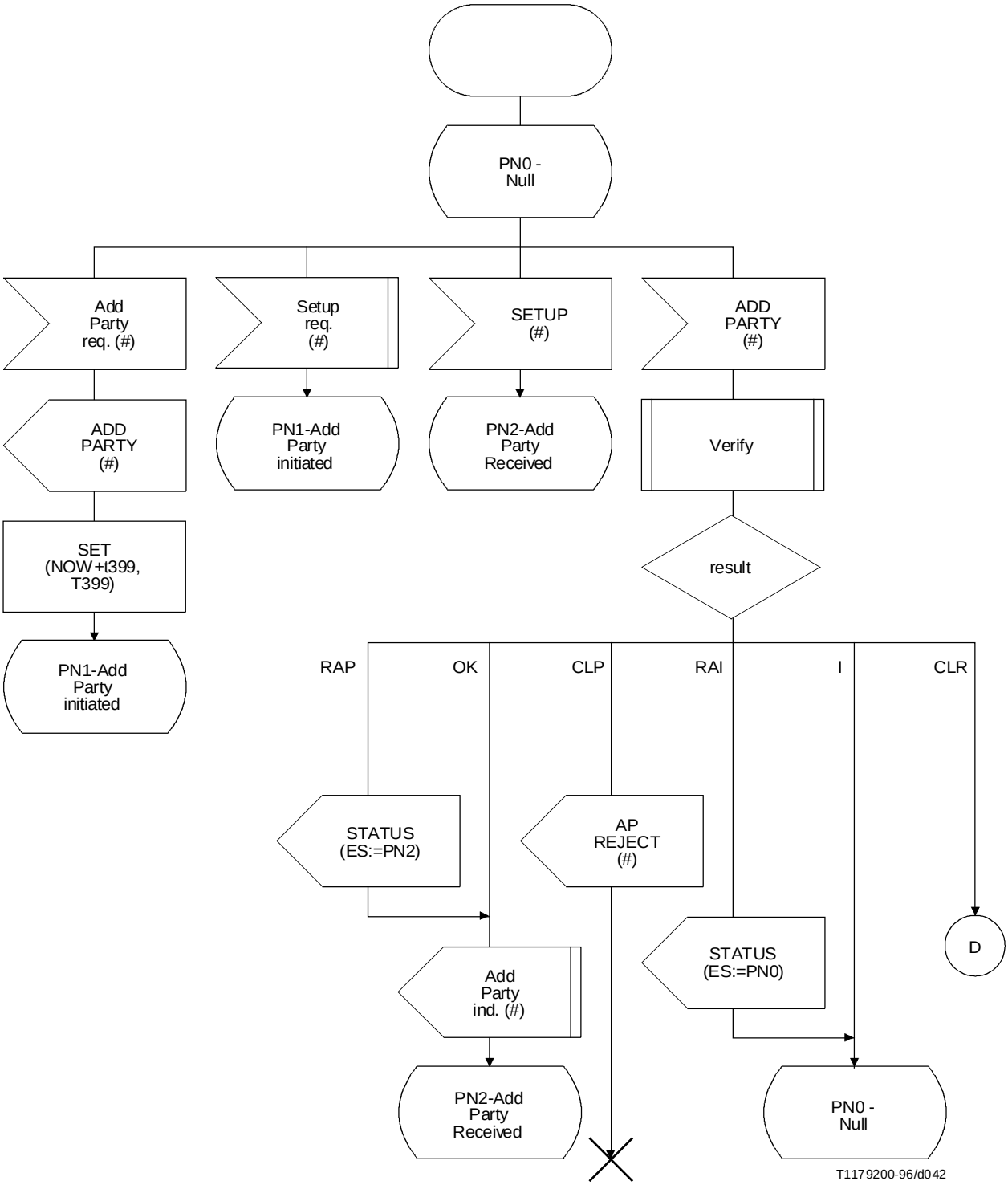
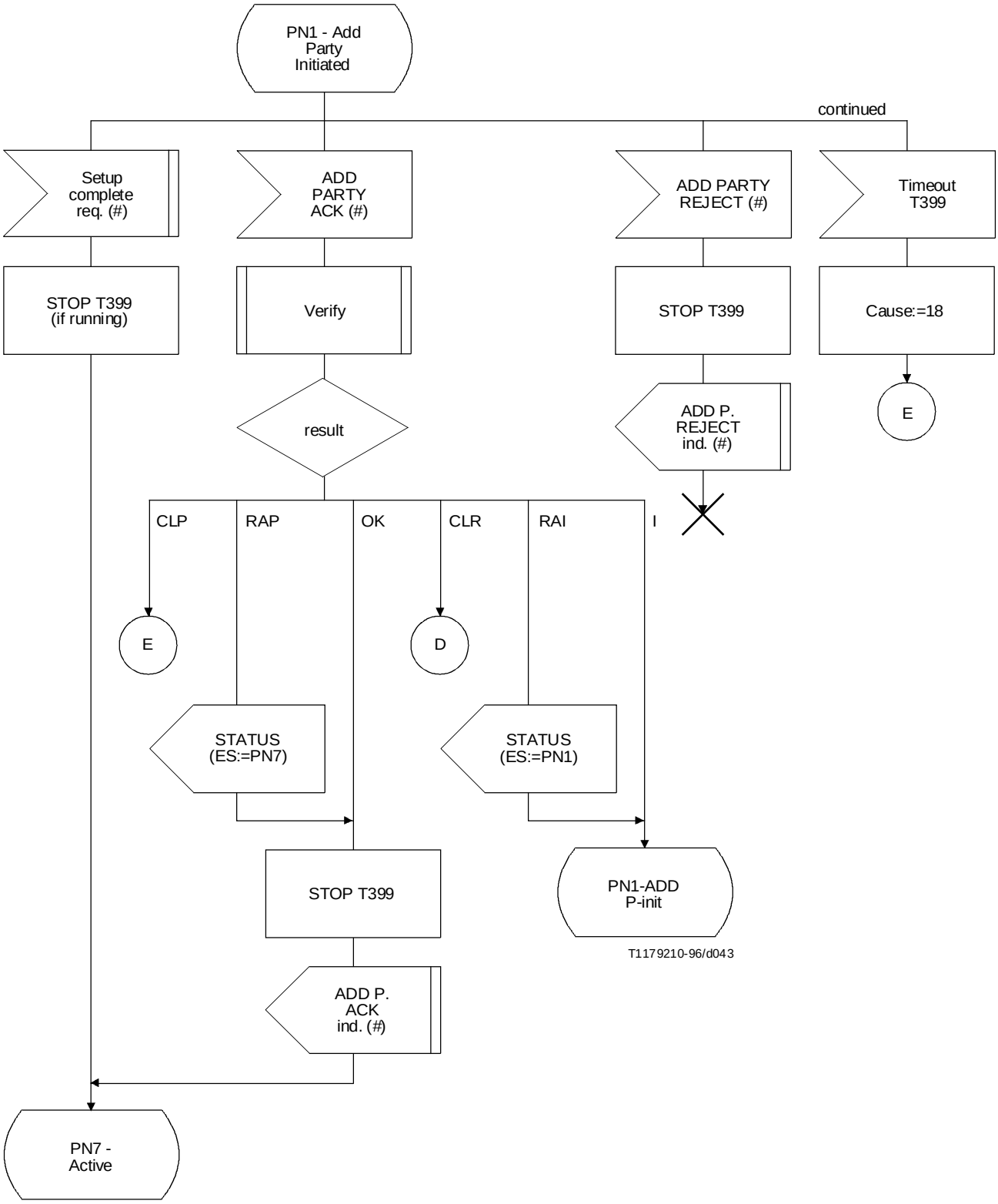
**Process Party-Control-N**

(hoja 2 de 13)



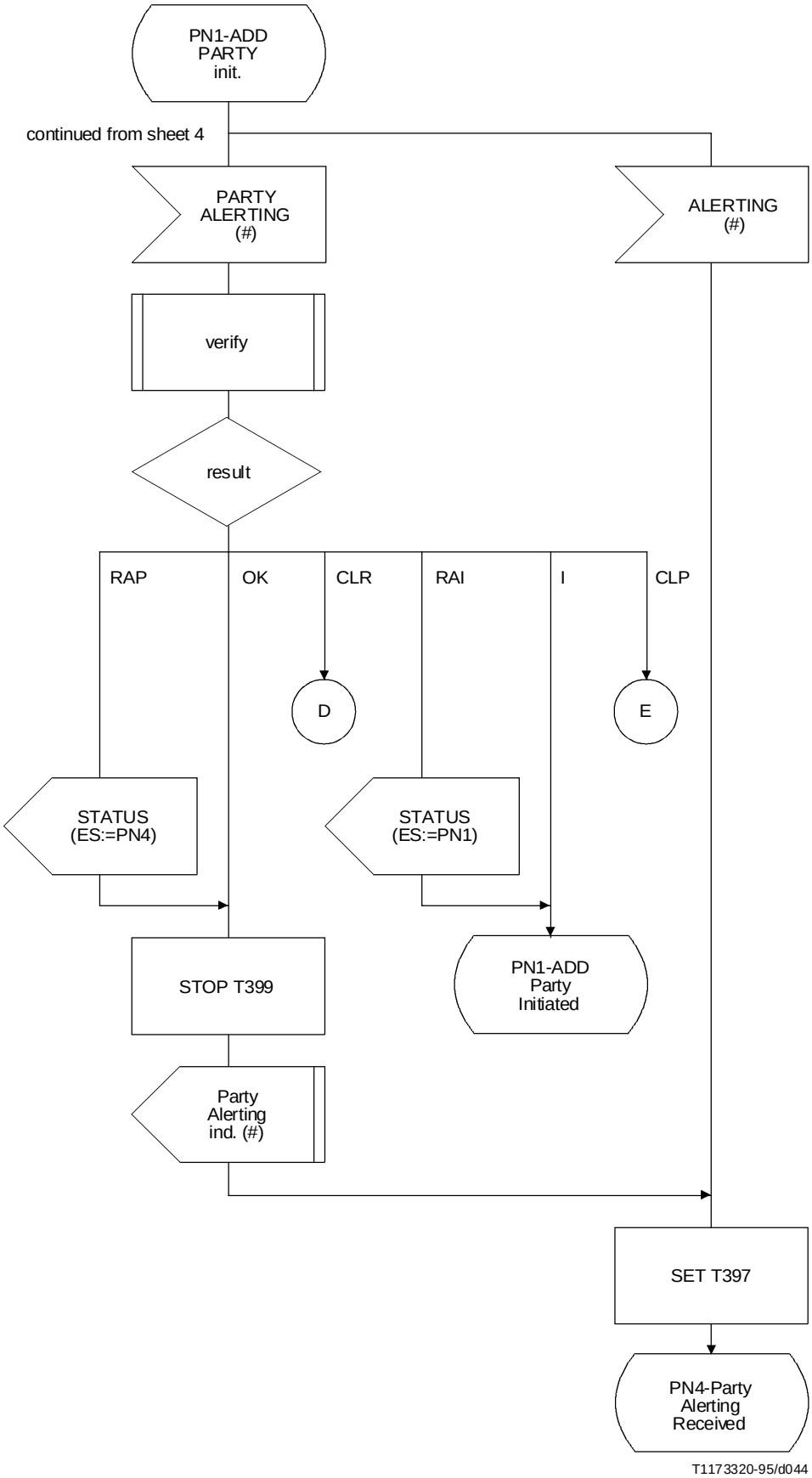

**Process Party-Control-N**

(hoja 3 de 13)



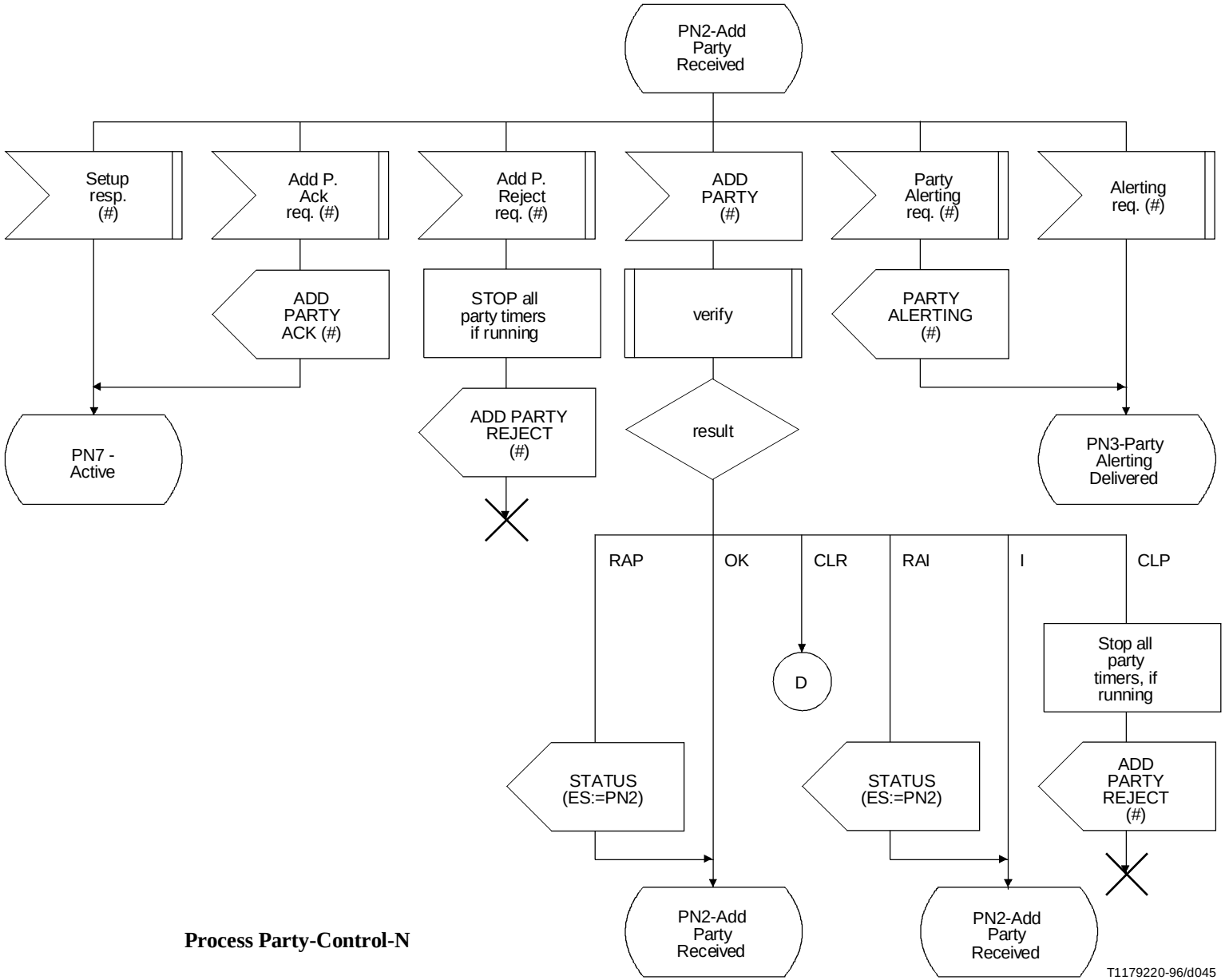

**Process Party-Control-N**

(hoja 4 de 13)

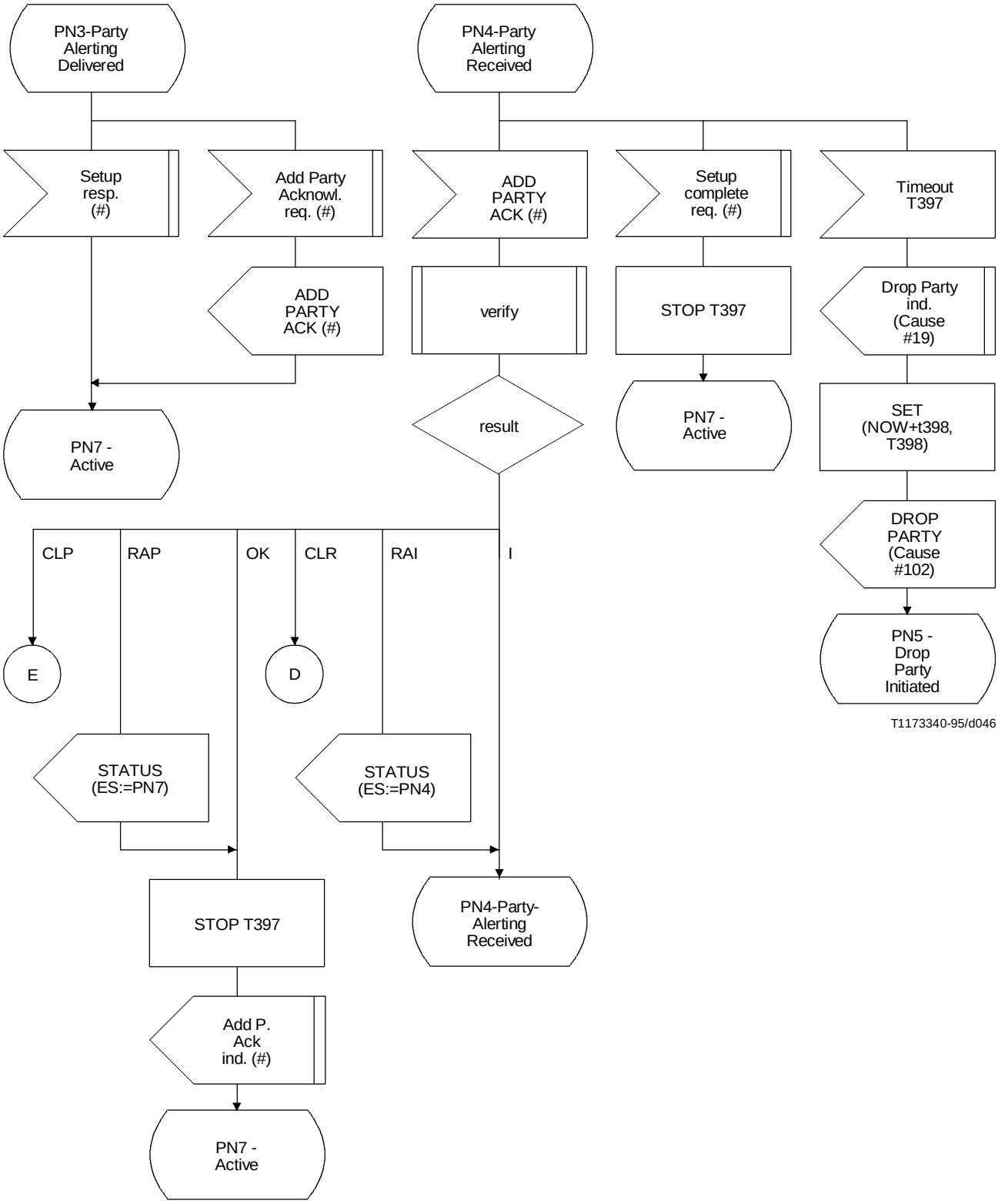



**Process Party-Control-N**

(hoja 5 de 13)

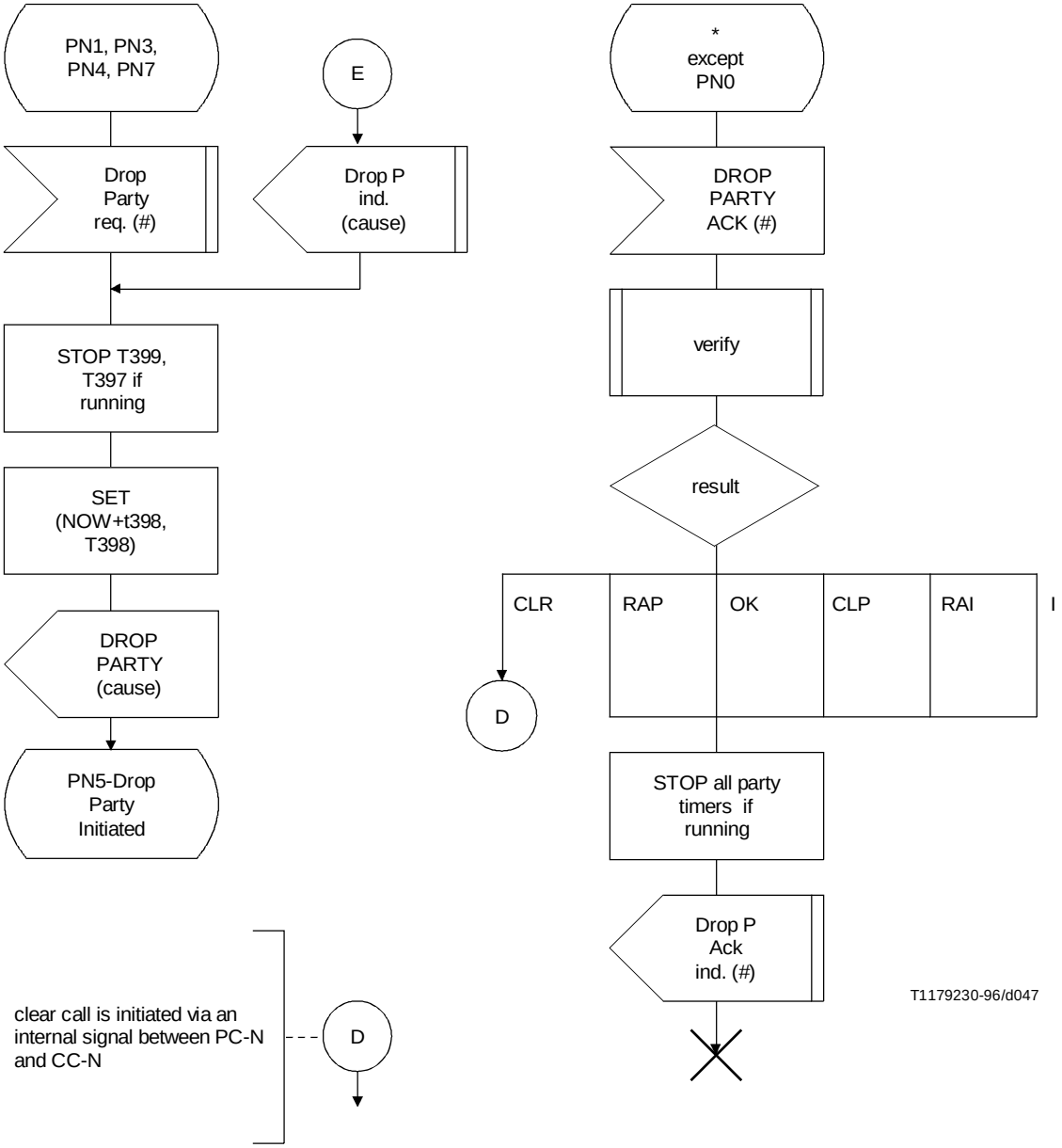



**Process Party-Control-N**



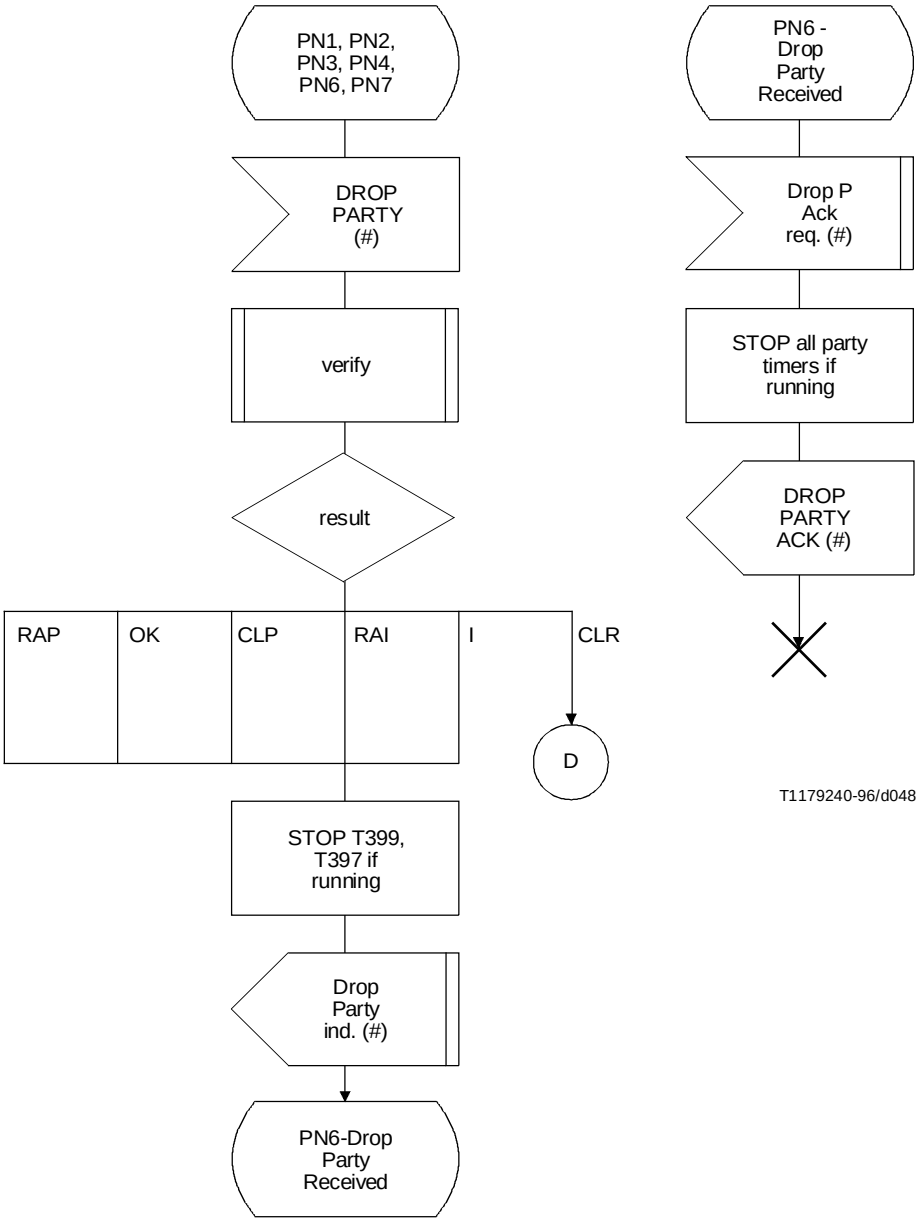

**Process Party-Control-N**

(hoja 7 de 13)



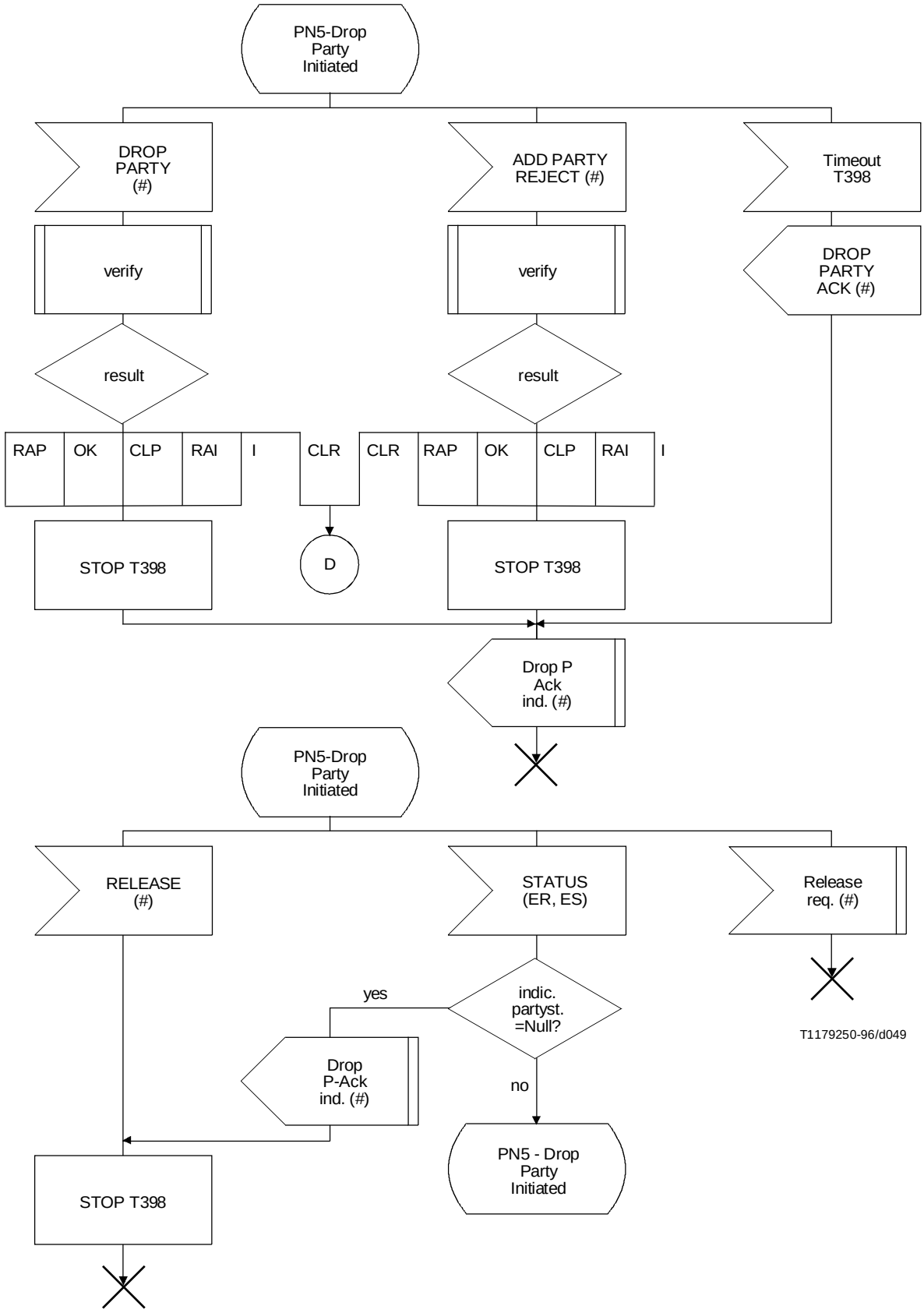

**Process Party-Control-N**

(hoja 8 de 13)



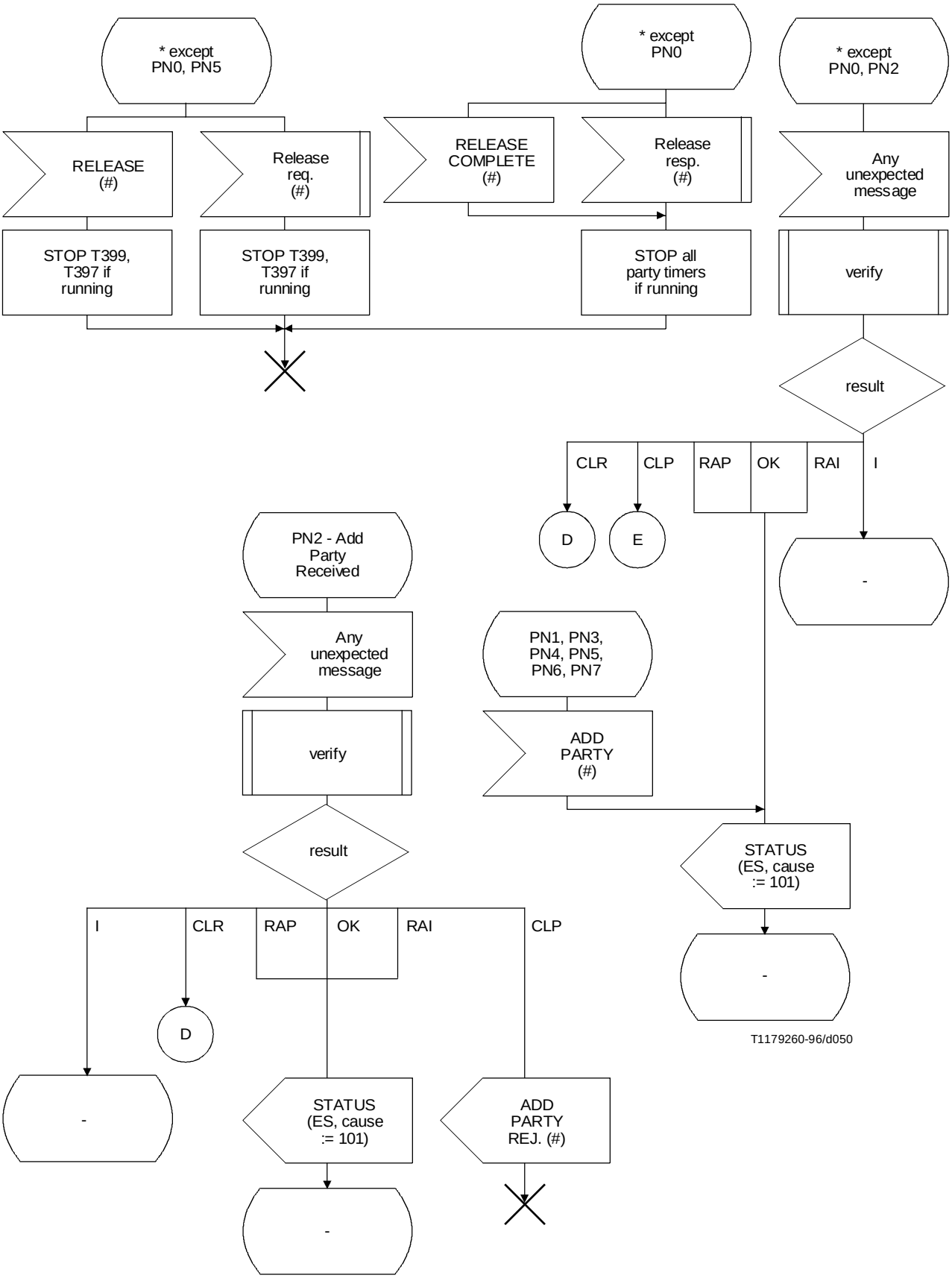

**Process Party-Control-N**

(hoja 9 de 13)



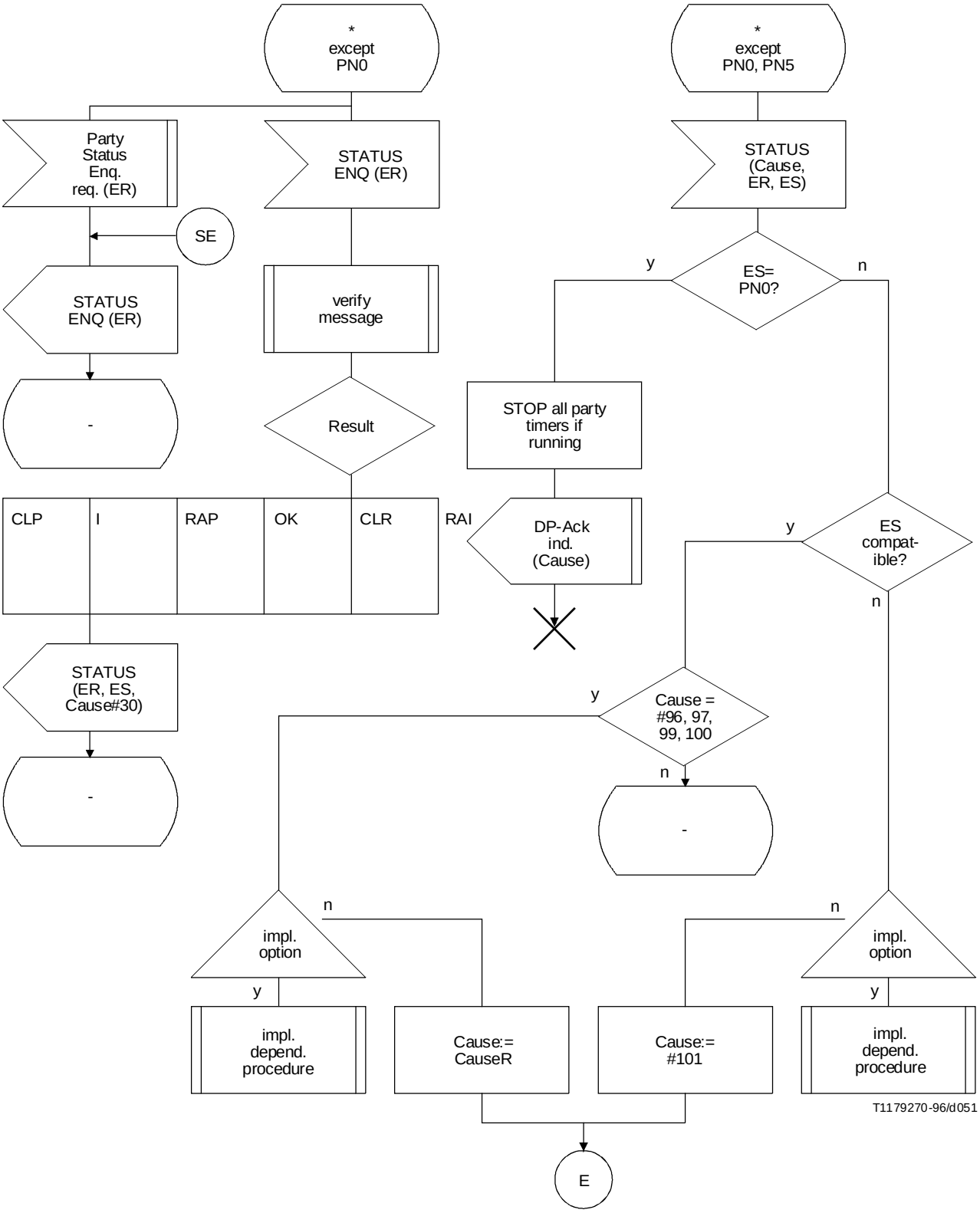

**Process Party-Control-N**

(hoja 10 de 13)



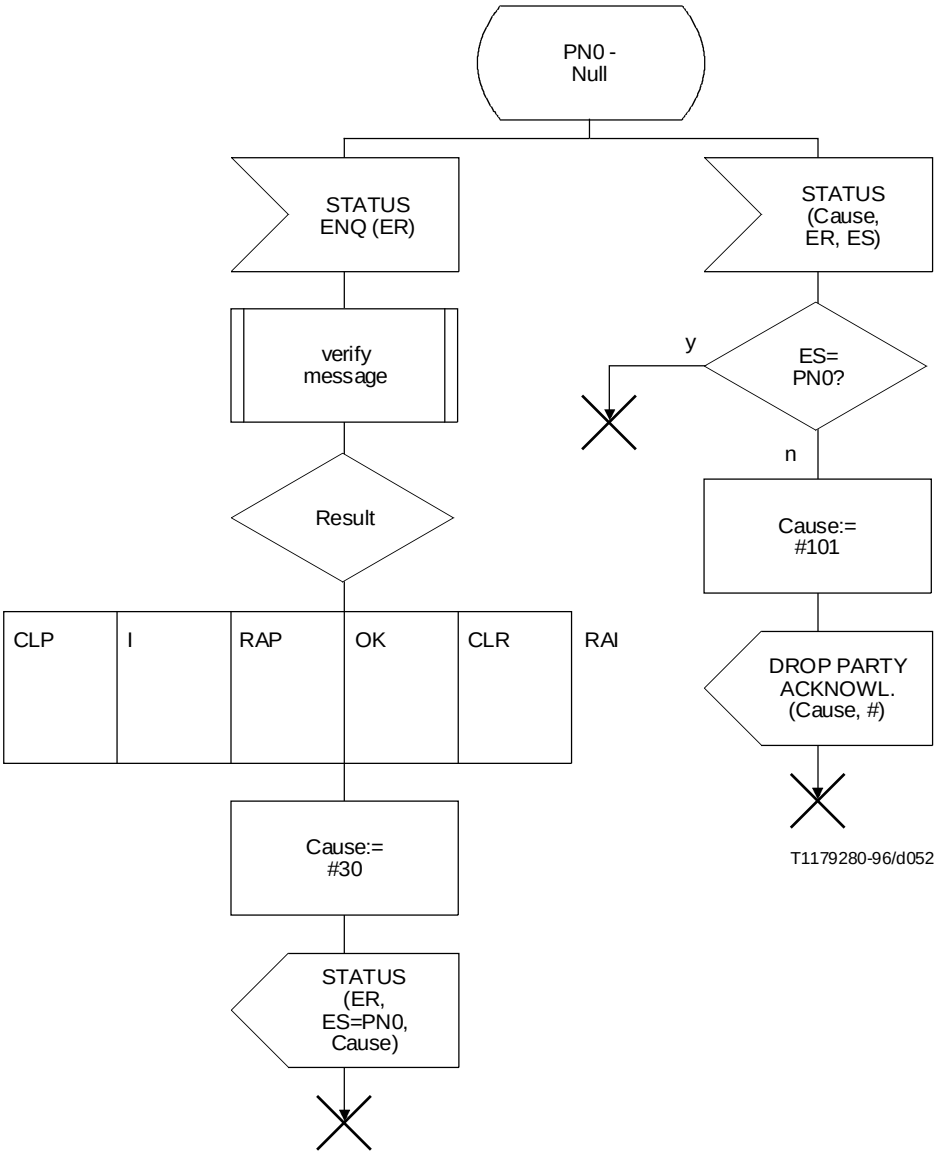

**Process Party-Control-N**

(hoja 11 de 13)




**Process Party-Control-N**

(hoja 12 de 13)

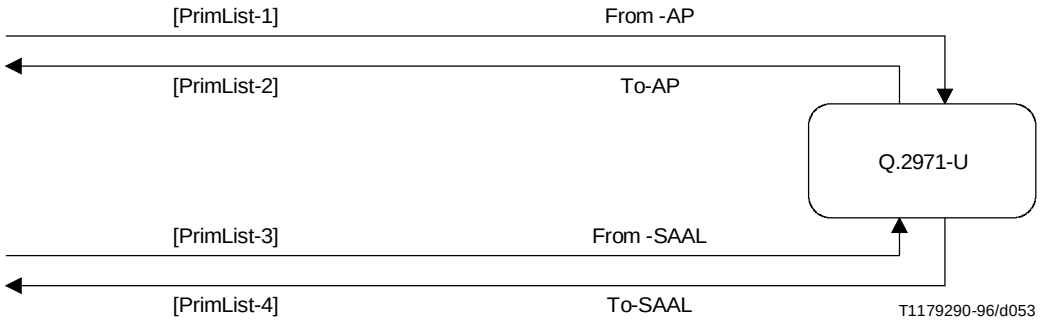



**Process Party-Control-N**

(hoja 13 de 13)

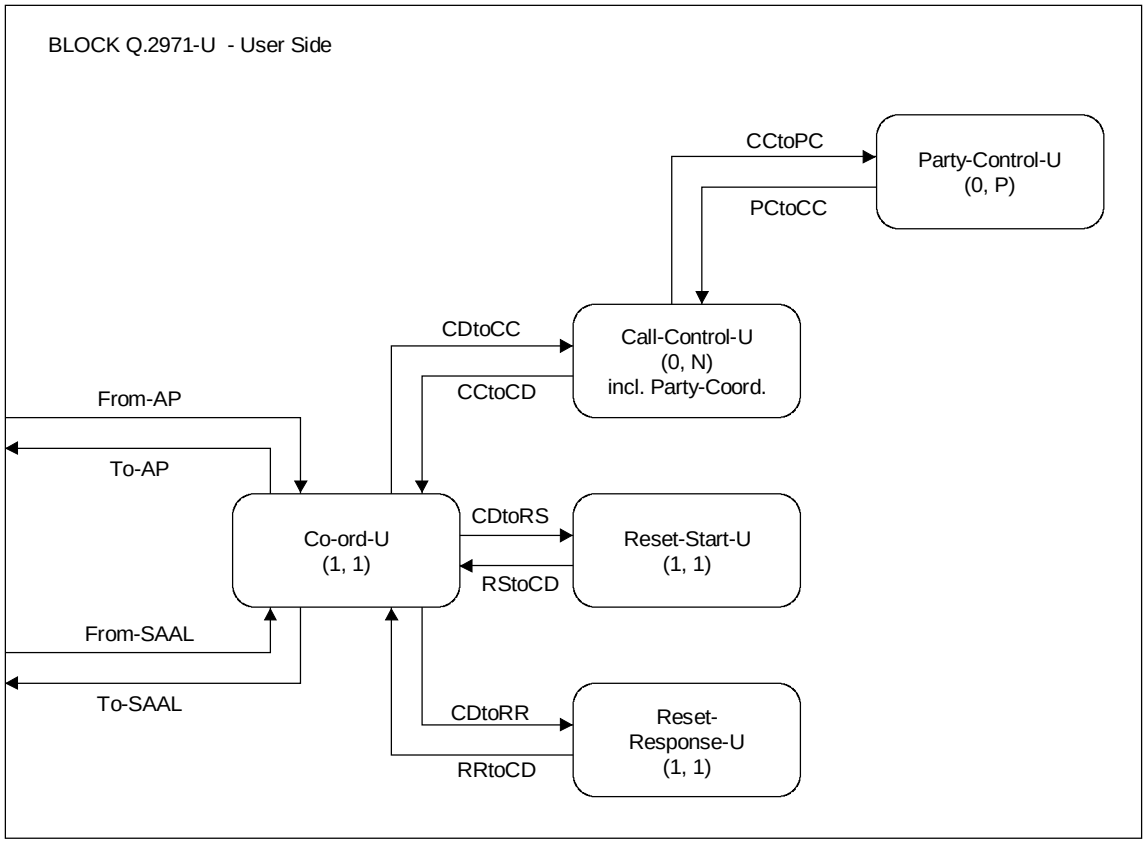
## F.2 SYSTEM Q.2971 – User Side

### F.2.1 SYSTEM DIAGRAM – User Side

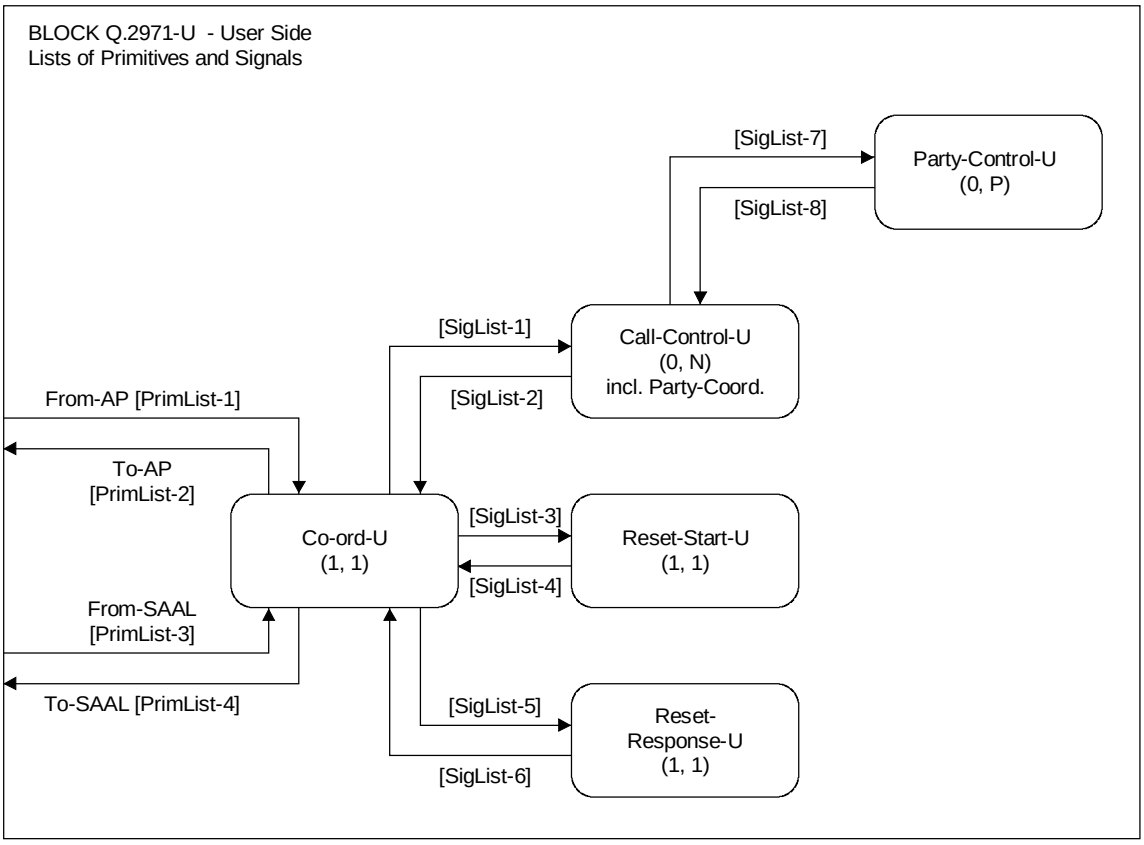



AP Application Process

Prim list List of Primitives
(see Coord-U process)




AP Application Process
CC Call Control
CD Co-ord Process
PC Party Control
RR Reset-Response
RS Reset-Start




T1173430-95/d055

| | |
|---|---|
| AP | Application Process |
| PrimList | List of Primitives |
| SigList | List of Signals |

### F.2.2 Symbols and abbreviations definitiv

#### F.2.2.1 Acronyms

See Annex A/Q.2931 and Annex J/Q.2931.

Additional Acronyms:

AP:= – Application Process (in case of process)
– Add Party (in case of messages and signals)

CS:= Call State

CLP:= Clear Party

CLR:= Clear Call

ER:= Endpoint Reference

ES:= Endpoint State (=Party State)

I:= Ignore

n:= no

PC:= Party Control

pmp:= point-to-multipoint

pt-pt:= point-to-point

RAI:= Report Status and Ignore

RAP:= Report Status and Proceed

RC:= RELEASE COMPLETE

SE:= Status Enquiry

TOC:= Type of Call/Connection

y:= yes

#### F.2.2.2 List of processes

| | | |
|---|---|---|
| Co-ord-U | = | Coordination function for all DSS 2 calls and for the Reset-Start-U and Reset-Response-U processes. |
| Call-Control-U | = | Process that performs the call/connection-specific signalling functions, and the coordination function for the party-control-U processes of a call/connection. |
| Reset-Start-U | = | Process that starts the RESTART procedure on the user side. |
| Reset-Response-U | = | Process that responds to a RESTART message on the user side. |
| Party-Control-U | = | Process that performs the party-specific signalling functions of a party within a call/connection. |

#### F.2.2.3 Lists of states

##### F.2.2.3.1 Co-ord-U

– CU0 – AAL Connection Released

– CU1 – AAL Awaiting Establish

– CU2 – AAL Awaiting Release

– CU3 – AAL Connection Established

##### F.2.2.3.2 Call-Control-U

See clause 2/Q.2931.

##### F.2.2.3.3 Reset-Start-U

– Rest-U0 – Null

– Rest-U1 – Restart Request

##### F.2.2.3.4 Reset-Response-U

– Rest-U0 – Null

– Rest-U2 – Restart

##### F.2.2.3.5 Party-Control-U

– PU0 – Null

– PU1 – Add Party Initiated

– PU2 – Add Party Received

– PU3 – Party Alerting Delivered

– PU4 – Party Alerting Received

– PU5 – Drop Party Initiated

– PU6 – Drop Party Received

– PU7 – Active

#### F.2.2.4 Lists of primitives

##### F.2.2.4.1 [PrimList-1] (from AP to Co-ord-U)

See Annex A/Q.2931; in addition:

- Add Party req.
- Add Party Acknowledge req.
- Add Party Reject req.
- Party Alerting req.
- Drop Party req.
- Drop Party Acknowledge req.
- Status Enquiry req.

##### F.2.2.4.2 [PrimList-2] (from Co-ord-U to AP)

See Annex A/Q.2931; in addition:

- Add Party ind.
- Add Party Acknowledge ind.
- Add Party Reject ind.
- Party Alerting ind.
- Drop Party ind.
- Drop Party Acknowledge ind.
- Party Status ind.

##### F.2.2.4.3 [PrimList-3] (from S-AAL to Co-ord-U)

See Annex A/Q.2931.

##### F.2.2.4.4 [PrimList-4] (from Co-ord-U to S-AAL)

See Annex A/Q.2931.

#### F.2.2.5 Lists of signals

##### F.2.2.5.1 [SigList-1] (from Co-ord-U to Call-Control-U)

See Annex A/Q.2931; in addition:

- Party-related signals corresponding to primitives listed in F.2.2.4.1 above.
- Additional party-related messages:
  - ADD PARTY
  - ADD PARTY ACKNOWLEDGE
  - ADD PARTY REJECT
  - PARTY ALERTING
  - DROP PARTY
  - DROP PARTY ACKNOWLEDGE

##### F.2.2.5.2 [SigList-2] (from Call-Control-U to Co-ord-U)

See Annex A/Q.2931; in addition:

- Party-related signals corresponding to primitives listed in F.2.2.4.2 above.
- Additional party-related messages as in F.2.2.5.1 above.