FIGURE H.27/Q.764 (sheet 1 of 5)

Blocking/Unblocking Message Sending (BLS)
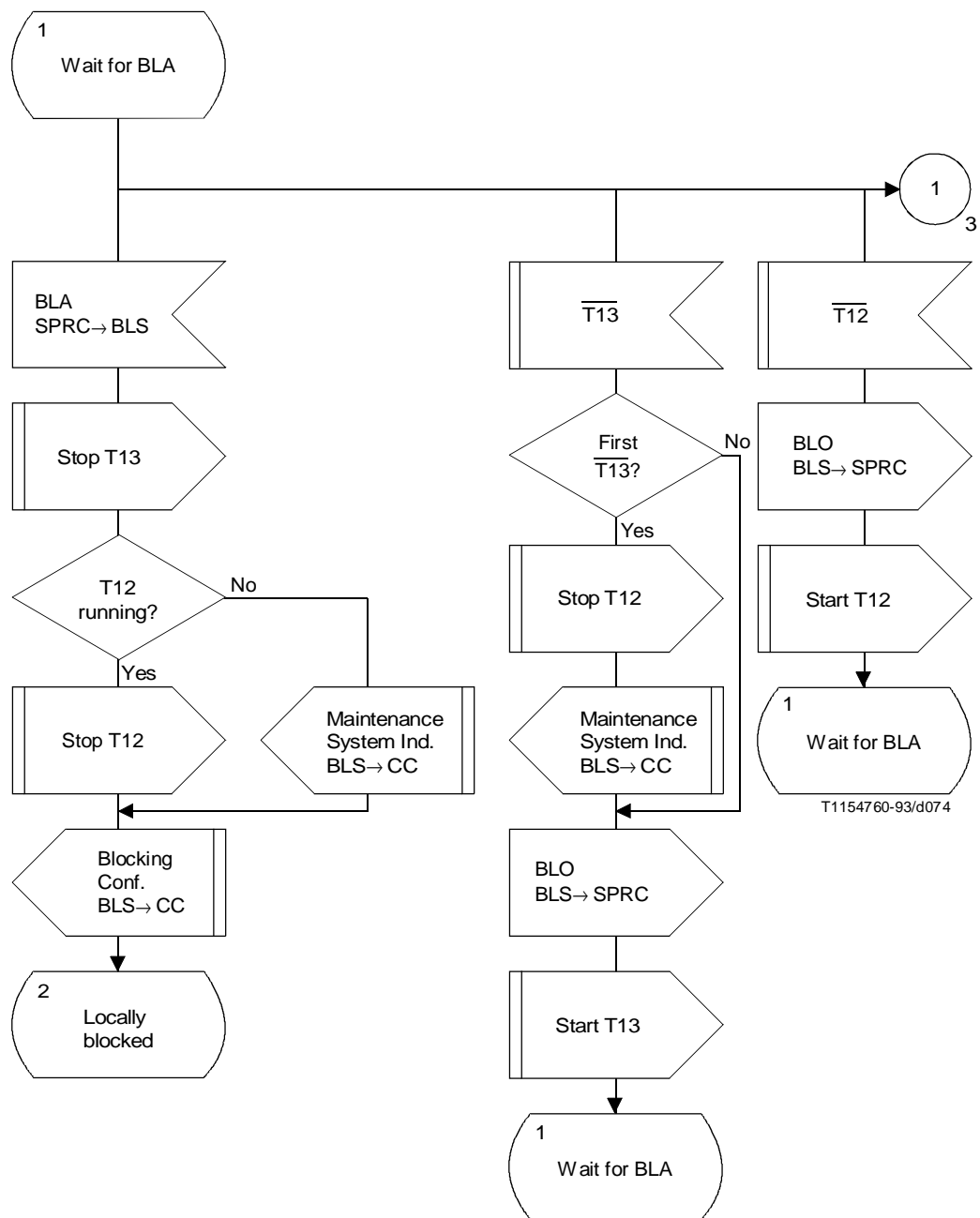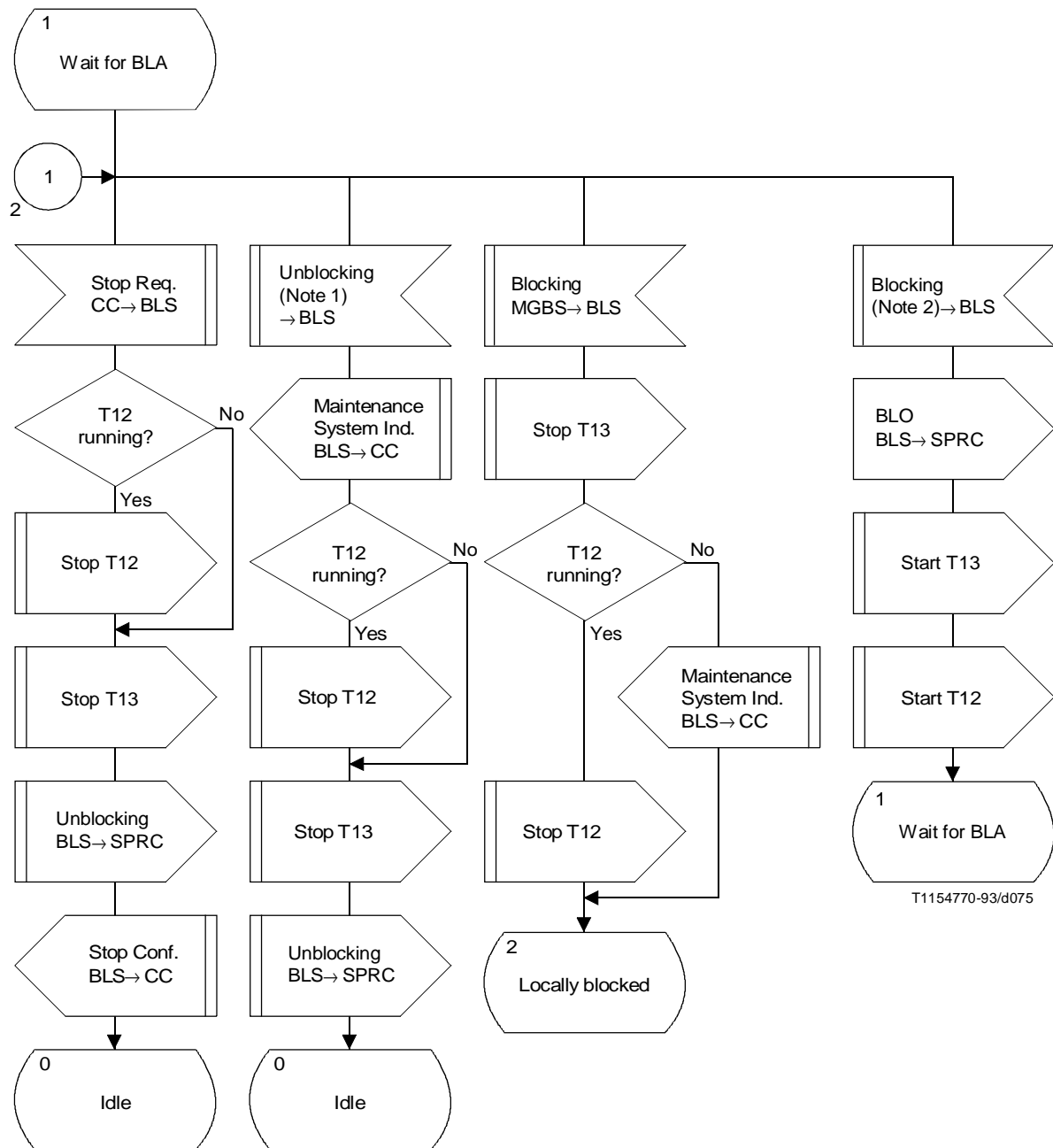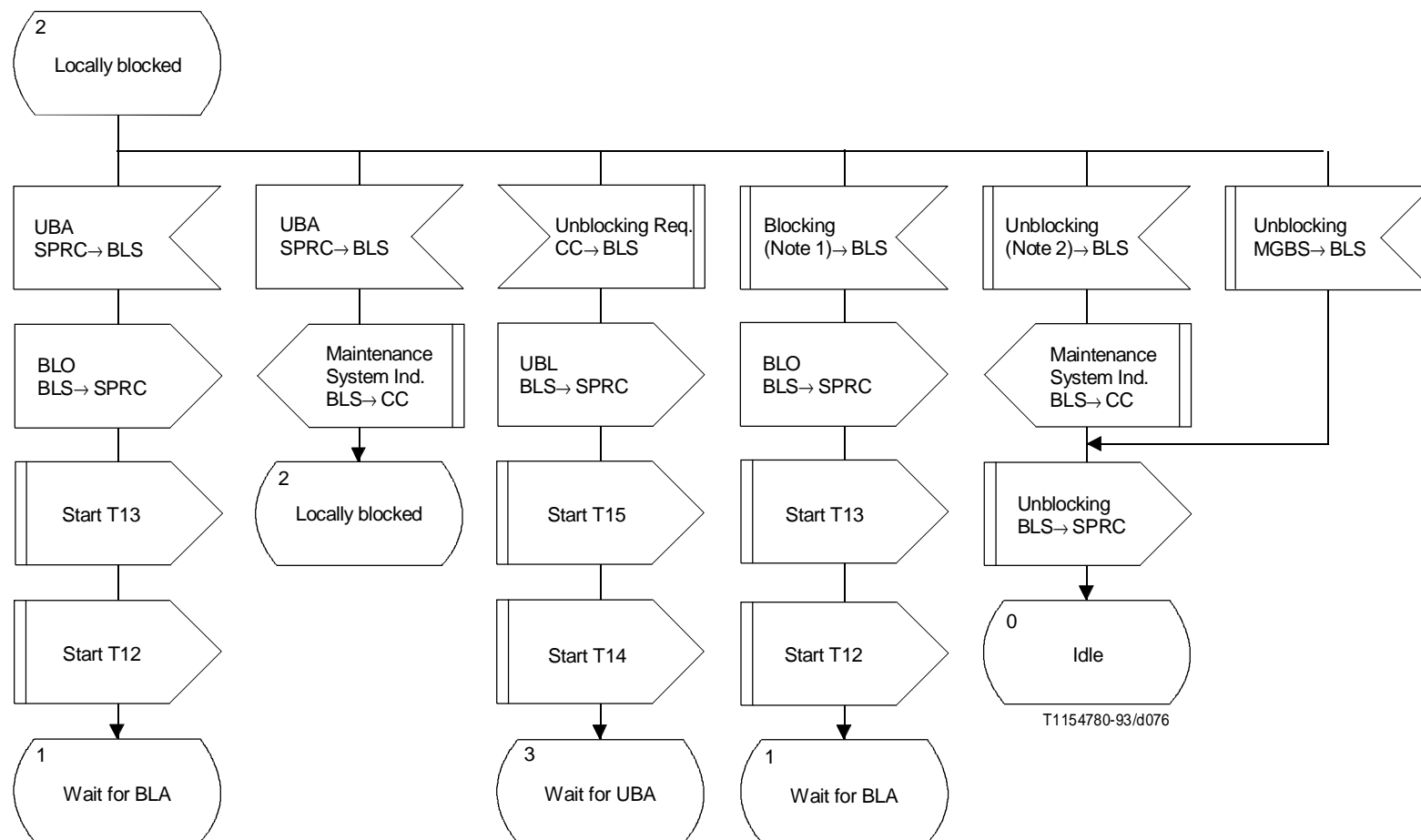
FIGURE H.27/Q.764 (sheet 2 of 5)

Blocking/Unblocking Message Sending (BLS)

NOTES

1 CRS, CGRS.
2 CRR, CPCI.

FIGURE H.27/Q.764 (sheet 3 of 5)

Blocking/Unblocking Message Sending (BLS)

2
Locally blocked

UBA
SPRC→ BLS

UBA
SPRC→ BLS

Unblocking Req.
CC→ BLS

Blocking
(Note 1)→ BLS

Unblocking
(Note 2)→ BLS

Unblocking
MGBS→ BLS

BLO
BLS→ SPRC

Maintenance
System Ind.
BLS→ CC

UBL
BLS→ SPRC

BLO
BLS→ SPRC

Maintenance
System Ind.
BLS→ CC

Start T13

2
Locally blocked

Start T15

Start T13

Unblocking
BLS→ SPRC

Start T12

Start T14

Start T12

0
Idle

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1
Wait for BLA

3
Wait for UBA

1
Wait for BLA

NOTES

1   CRR, CPCI.
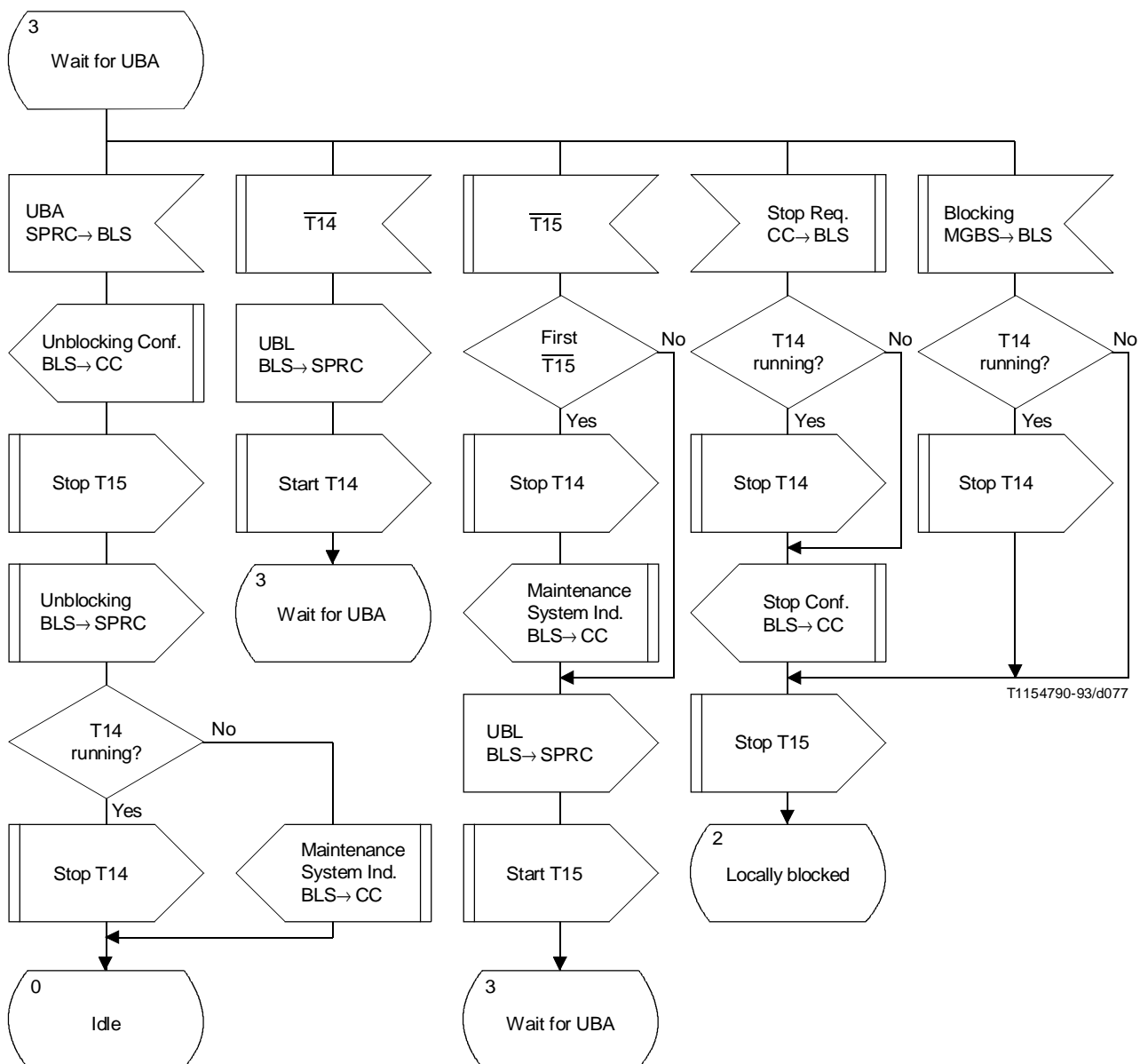2   CRS, CGRS.

FIGURE H.27/Q.764 (sheet 4 of 5)

FIGURE H.27/Q.764 (sheet 5 of 5)

Blocking/Unblocking Message Sending (BLS)
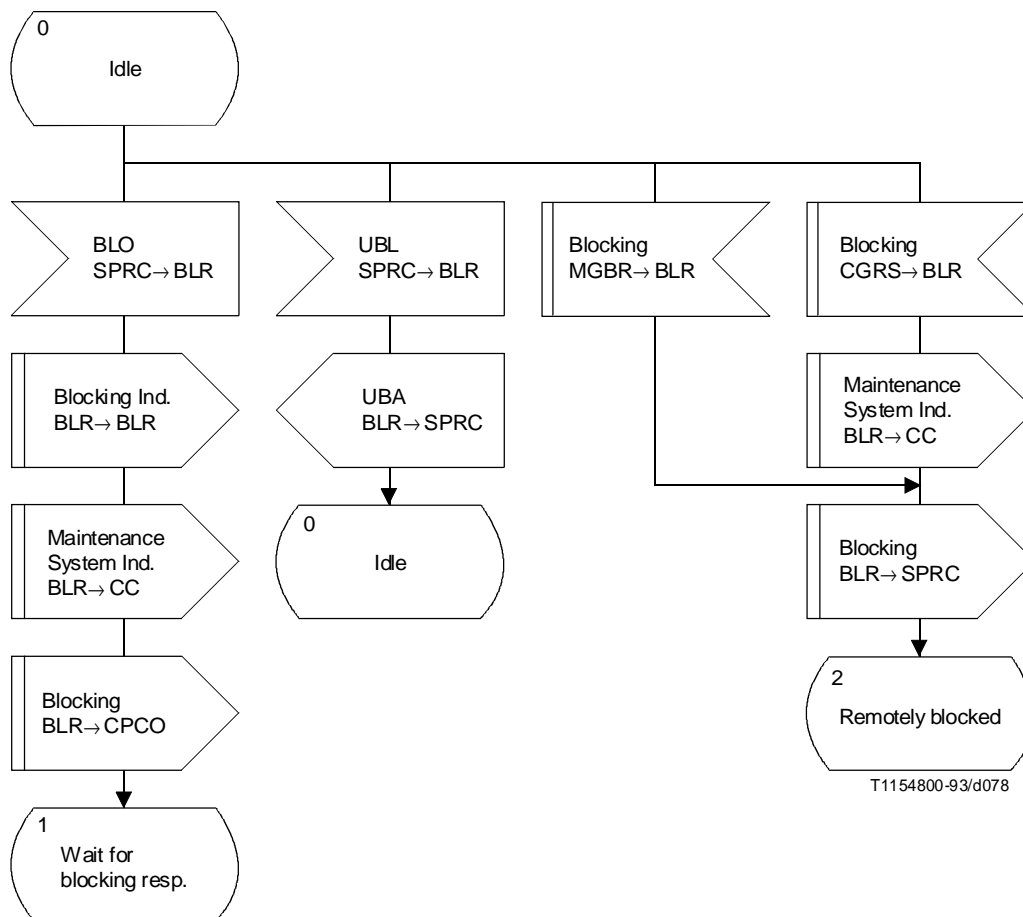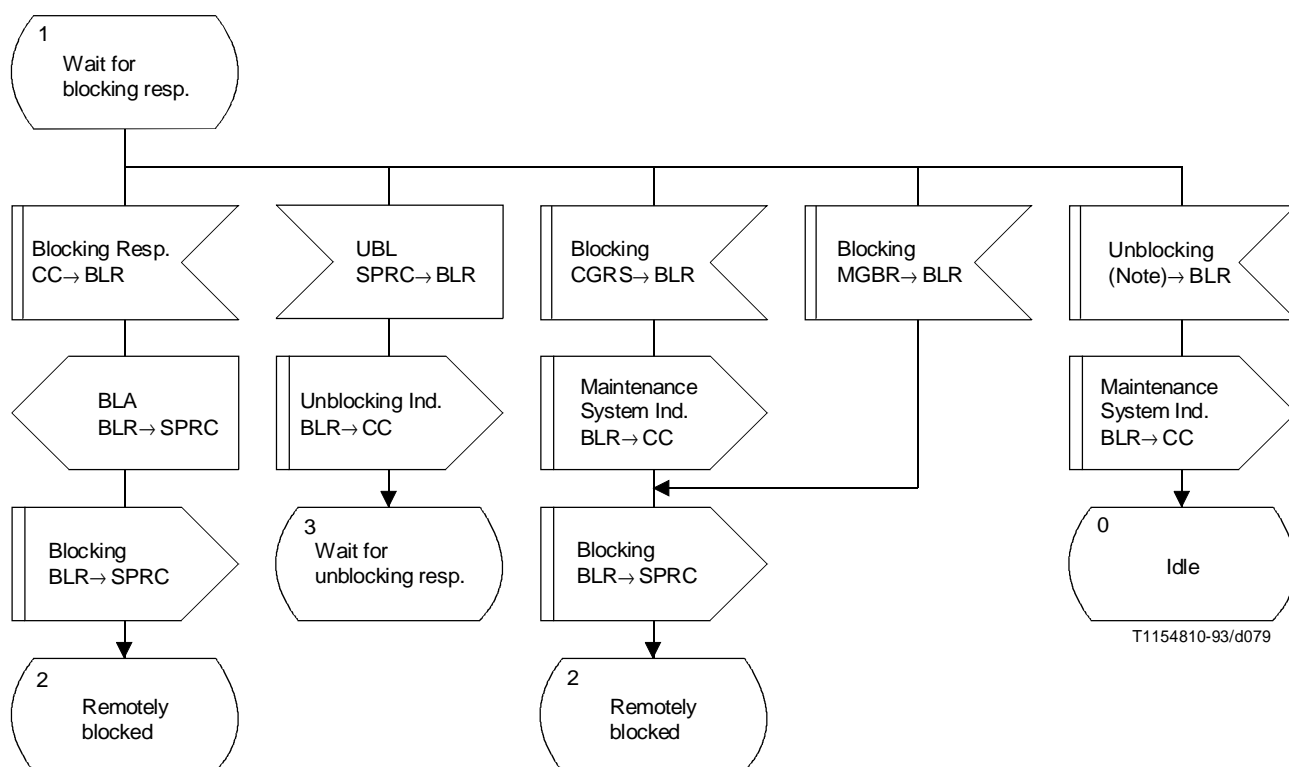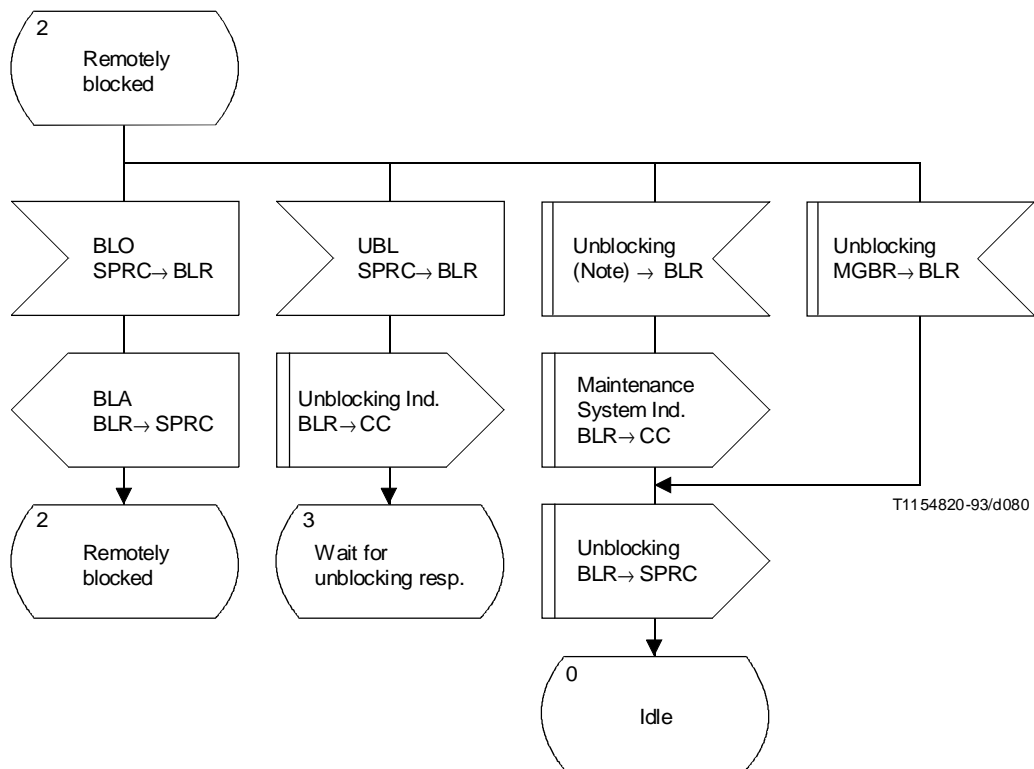
FIGURE H.28/Q.764 (sheet 1 of 4)

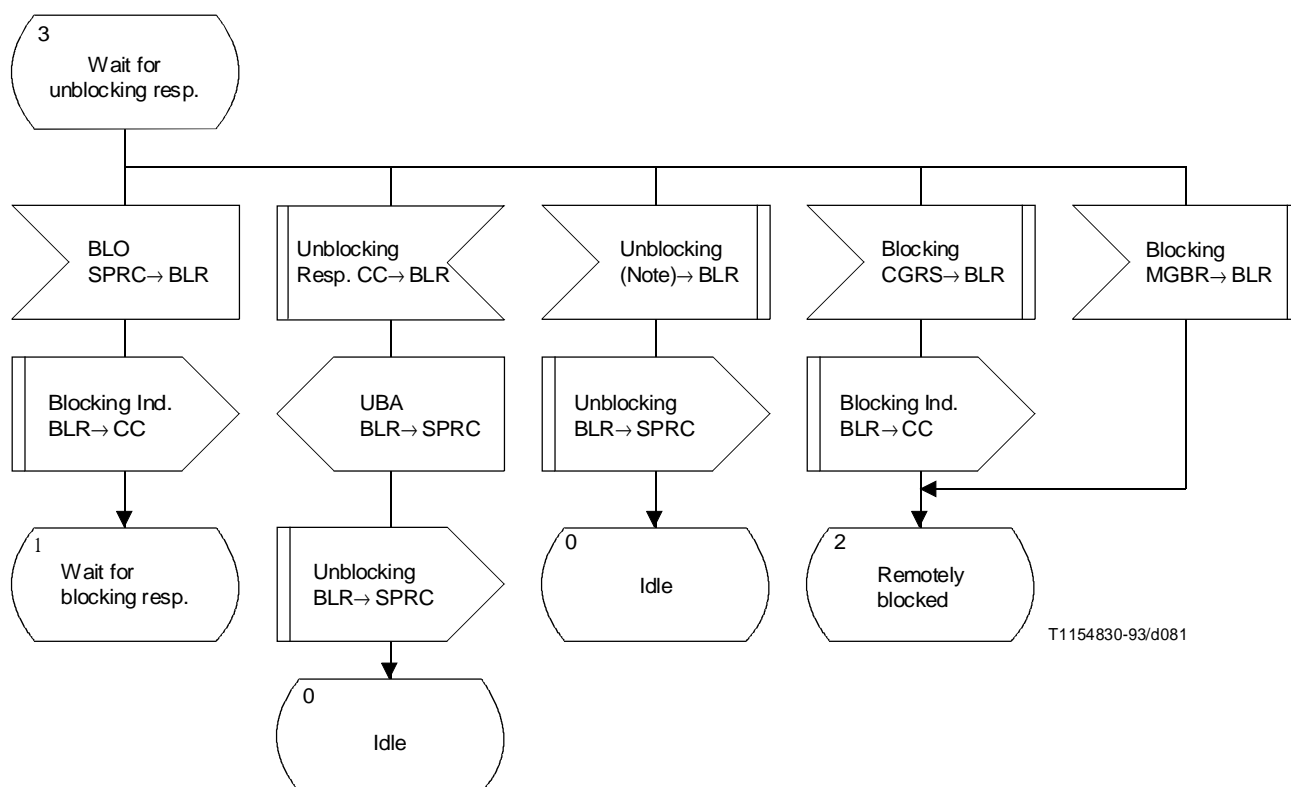**Blocking/Unblocking Message Reception (BLR)**

NOTE – CRR, CRS, CGRR.

FIGURE H.28/Q.764 (sheet 2 of 4)

Blocking/Unblocking Message Reception (BLR)

NOTE – CRR, CGRR, CRS, CPCI.

FIGURE H.28/Q.764 (sheet 3 of 4)

Blocking/Unblocking Message Reception (BLR)

NOTE – CRR, CGRR, MGBR, CRS.

FIGURE H.28/Q.764 (sheet 4 of 4)
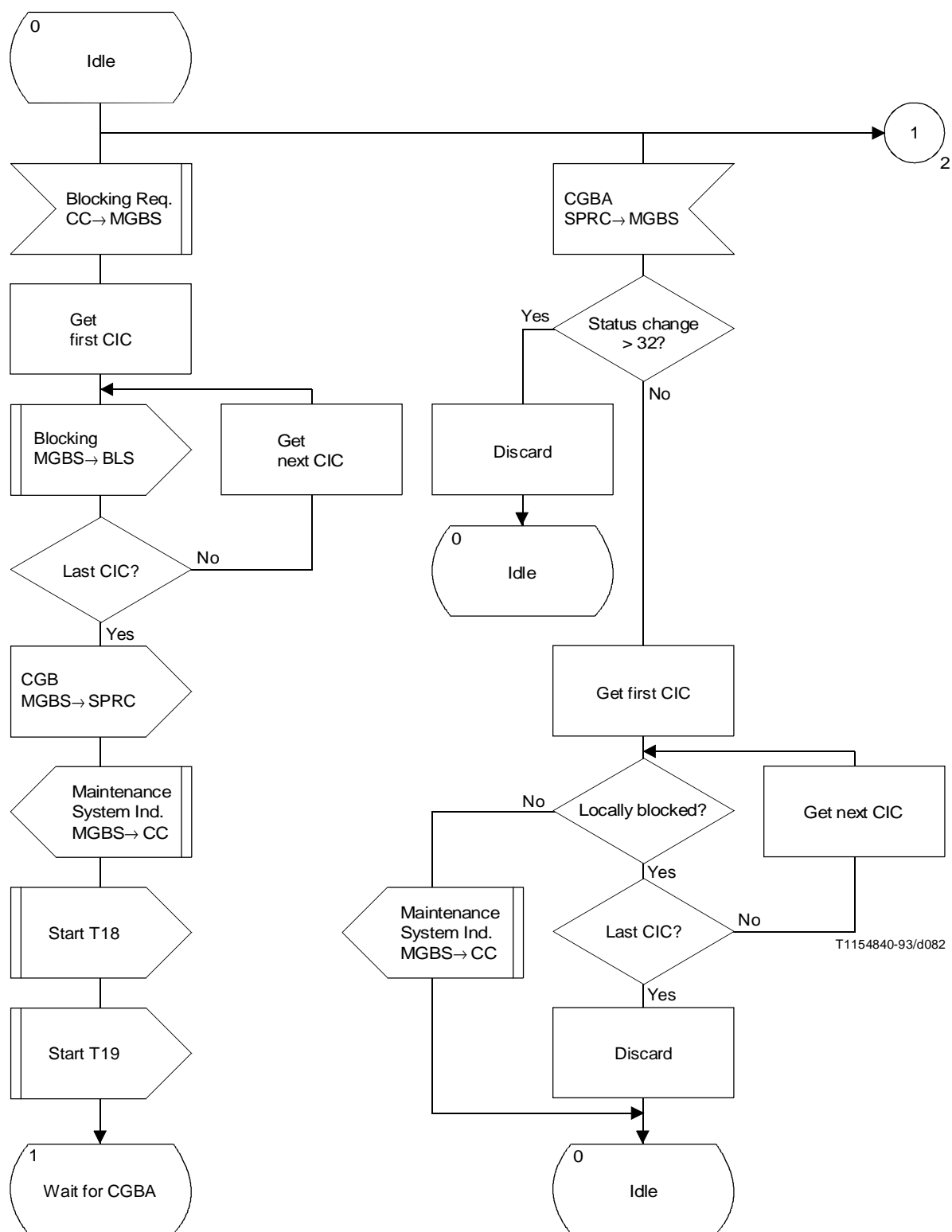
Blocking/Unblocking Message Reception (BLR)

FIGURE H.29/Q.764 (sheet 1 of 6)

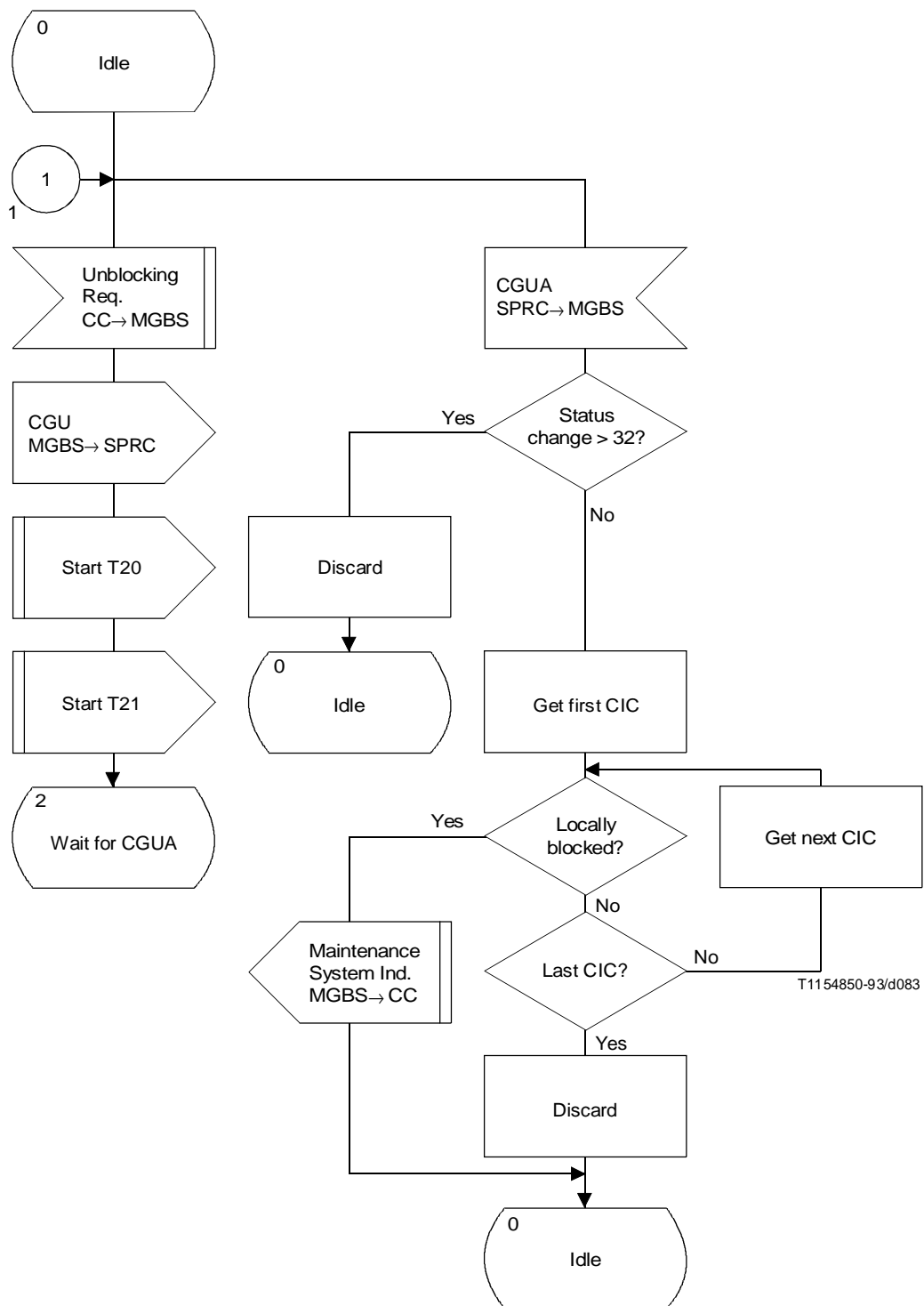**Maintenance Oriented Circuit Group Blocking/Unblocking Sending (MGBS)**

FIGURE H.29/Q.764 (sheet 2 of 6)

Maintenance Oriented Circuit Group Blocking/Unblocking Sending (MGBS)

FIGURE H.29/Q.764 (sheet 3 of 6)

Maintenance Oriented Circuit Group Blocking/Unblocking Sending (MGBS)

FIGURE H.29/Q.764 (sheet 4 of 6)

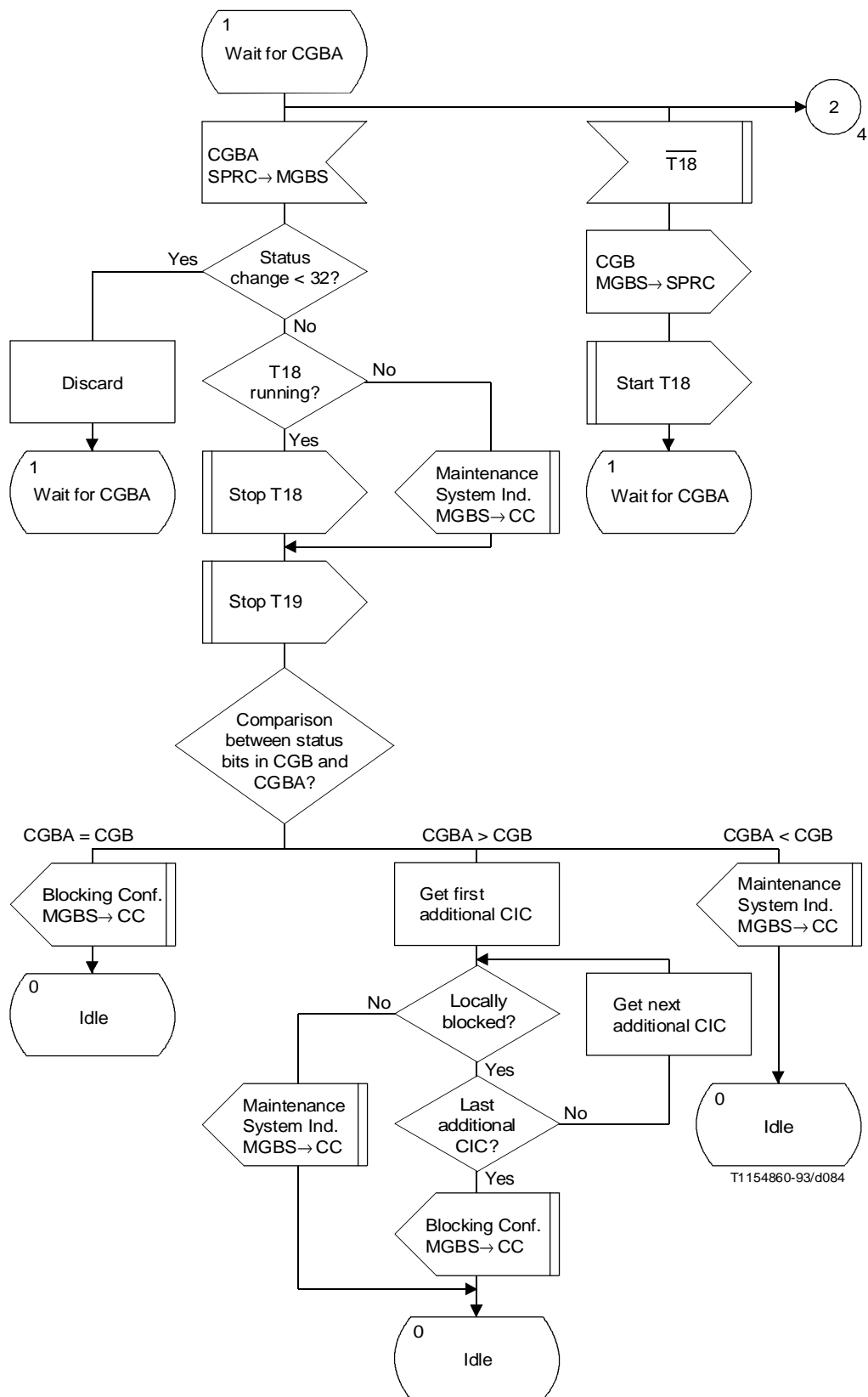**Maintenance Oriented Circuit Group Blocking/Unblocking Sending (MGBS)**

FIGURE H.29/Q.764 (sheet 5 of 6)

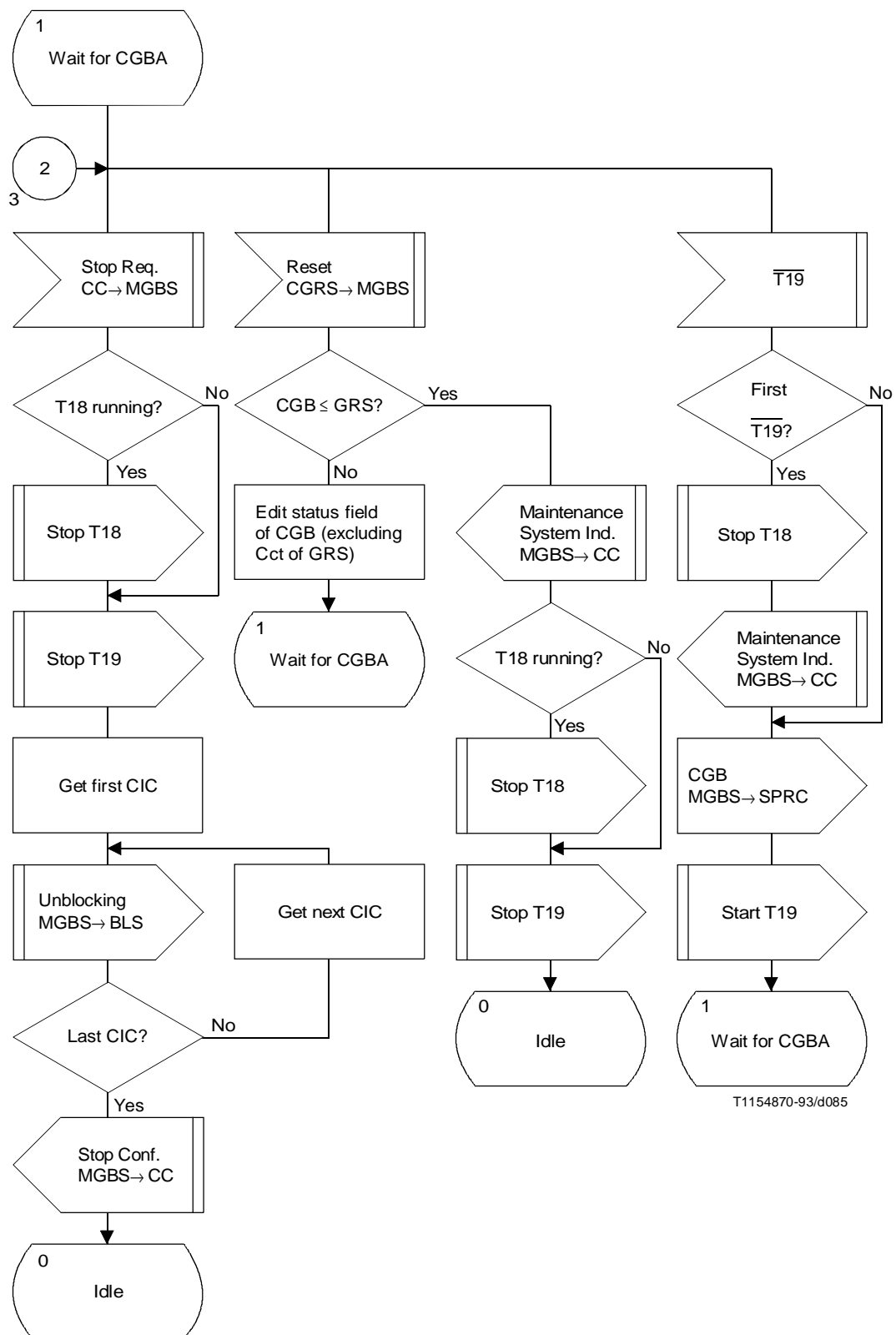**Maintenance Oriented Circuit Group Blocking/Unblocking Sending (MGBS)**

FIGURE H.29/Q.764 (sheet 6 of 6)

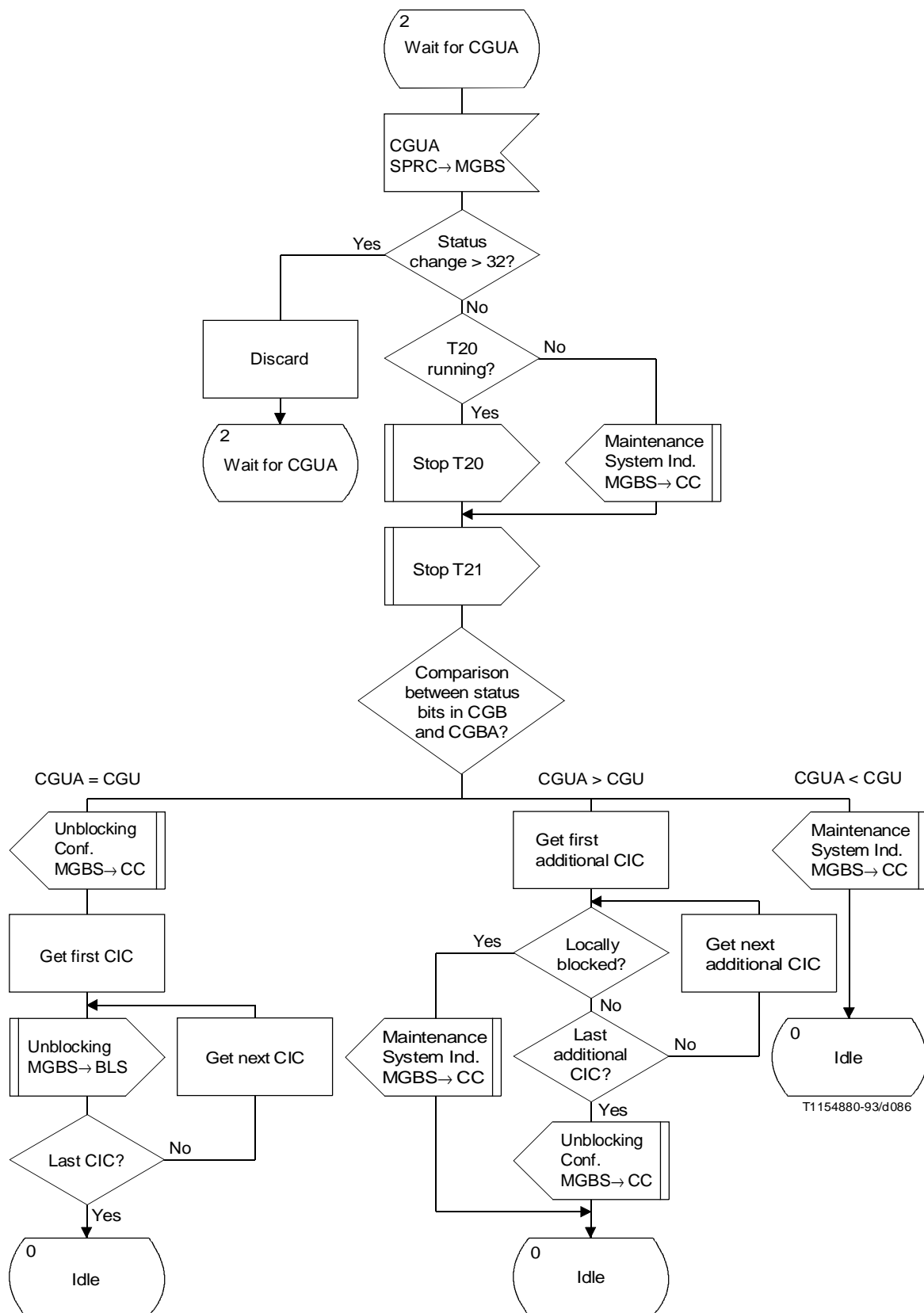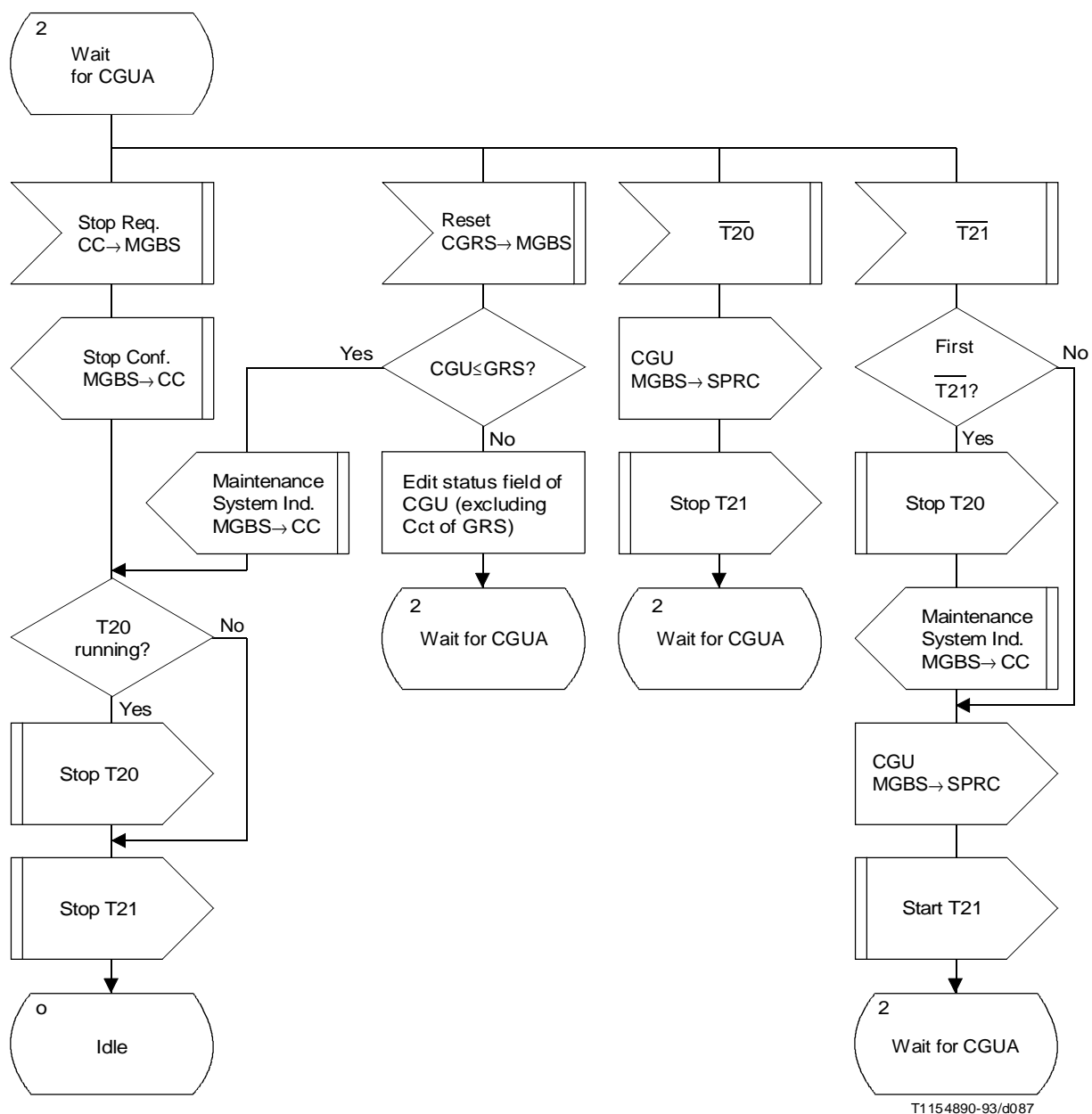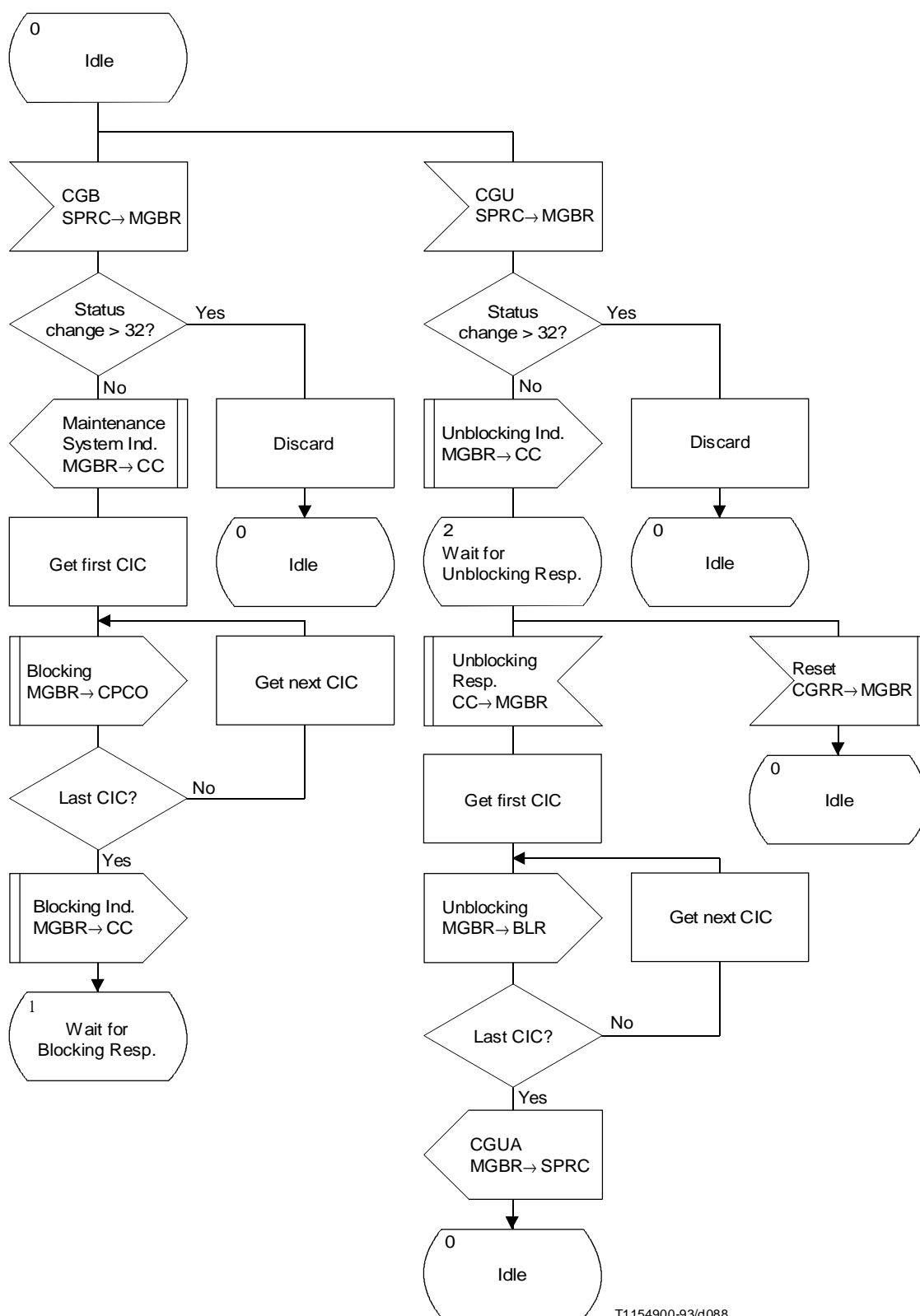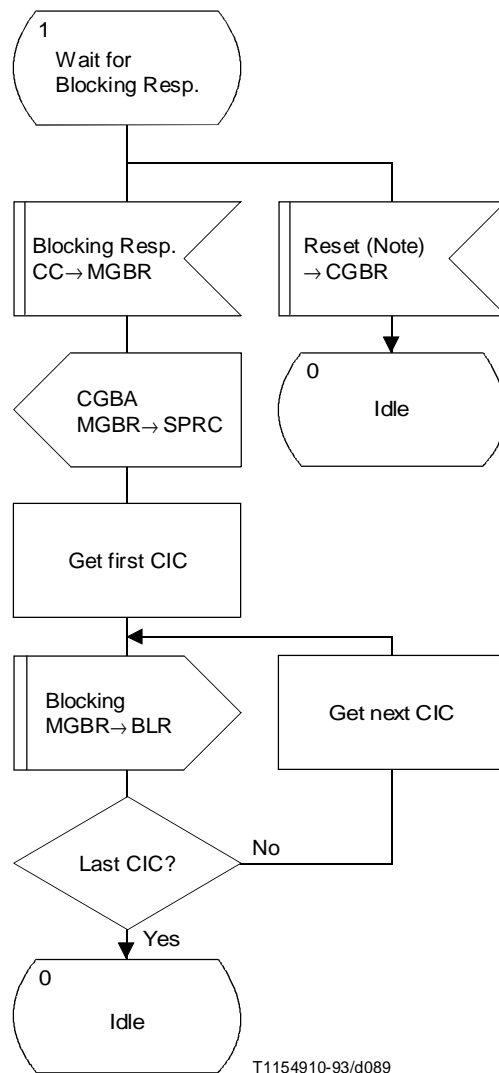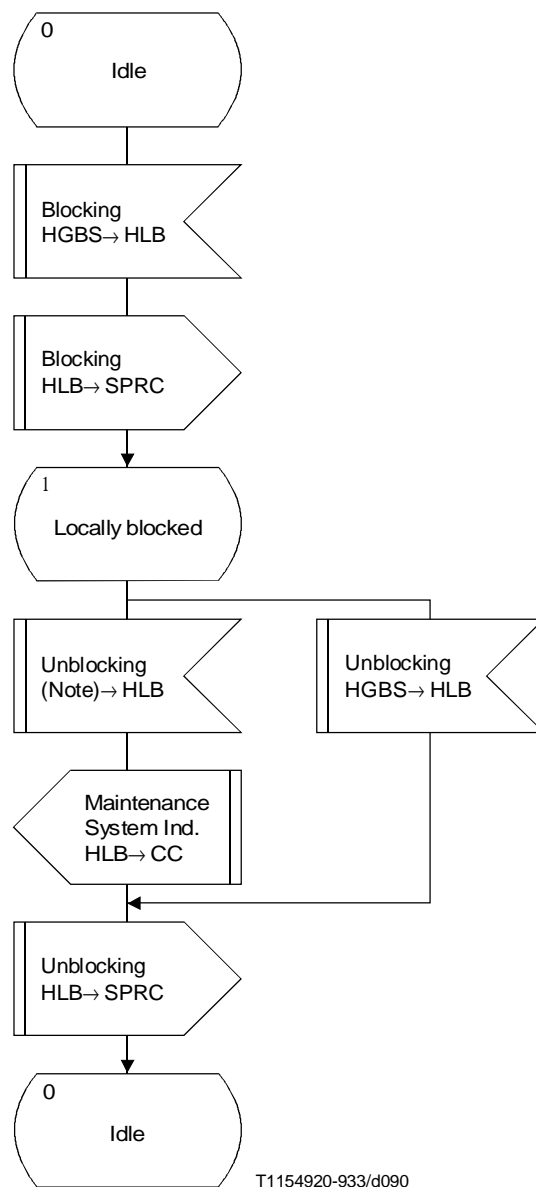**Maintenance Oriented Circuit Group Blocking/Unblocking Sending (MGBS)**

FIGURE H.30/Q.764 (sheet 1 of 2)

Maintenance Oriented Circuit Group Blocking/Unblocking Reception
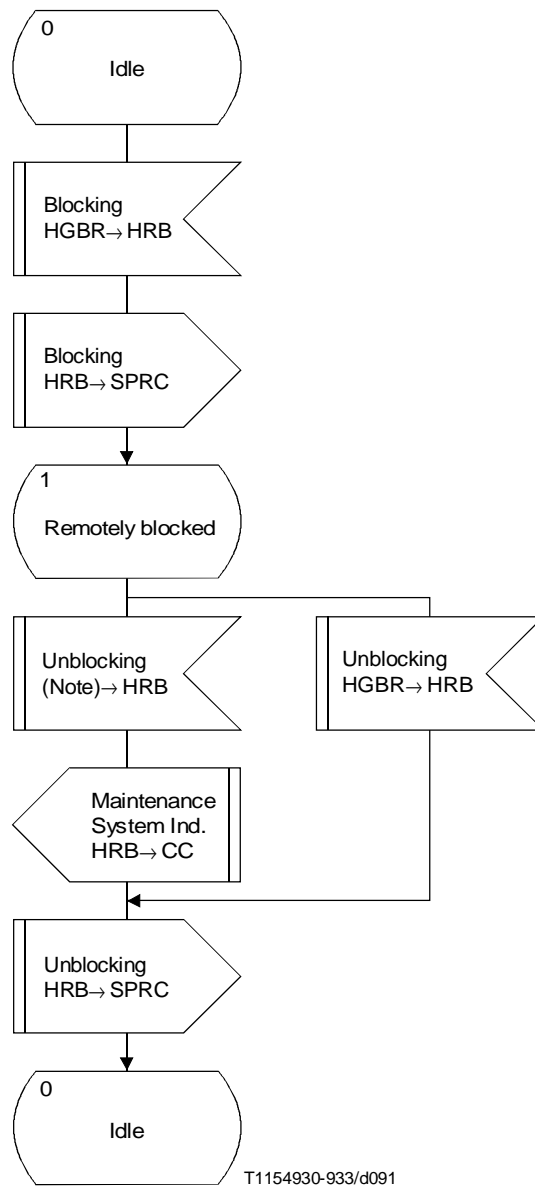
NOTE – CGRS, CGRR.

FIGURE H.30/Q.764 (sheet 2 of 2)

**Maintenance Oriented Circuit Group
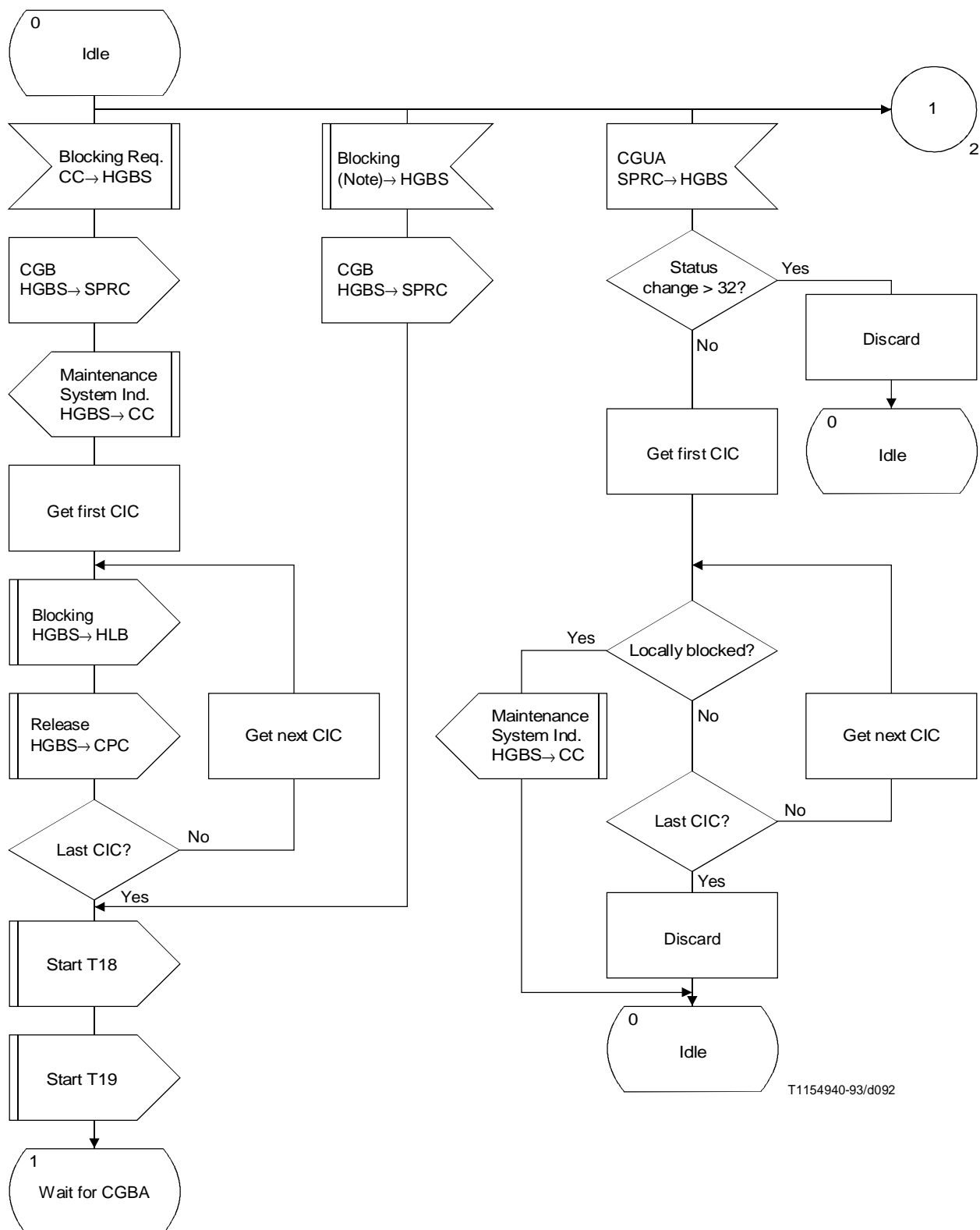Blocking/Unblocking Reception (MGBR)**

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NOTE – CRS, CGRS.

FIGURE H.31/Q.764

Hardware Failure Oriented Locally Blocking (HLB)

NOTE – CRS, CRR, CGRS, CGRR, CPCI.

FIGURE H.32/Q.764

Hardware Failure Oriented Remotely Blocking (HLB)

FIGURE H.33/Q.764 (sheet 1 of 6)

Hardware Failure Oriented Circuit Group Blocking/Unblocking Sending (HGBS)

NOTE – CRR, CGRR, CPCI.

FIGURE H.33/Q.764 (sheet 2 of 6)

Hardware Failure Oriented Circuit Group Blocking/Unblocking Sending (HGBS)

FIGURE H.33/Q.764 (sheet 3 of 6)

Hardware Failure Oriented Circuit Group Blocking/Unblocking Sending (HGBS)

FIGURE H.33/Q.764 (sheet 4 of 6)

Hardware Failure Oriented Circuit Group Blocking/Unblocking Sending (HGBS)

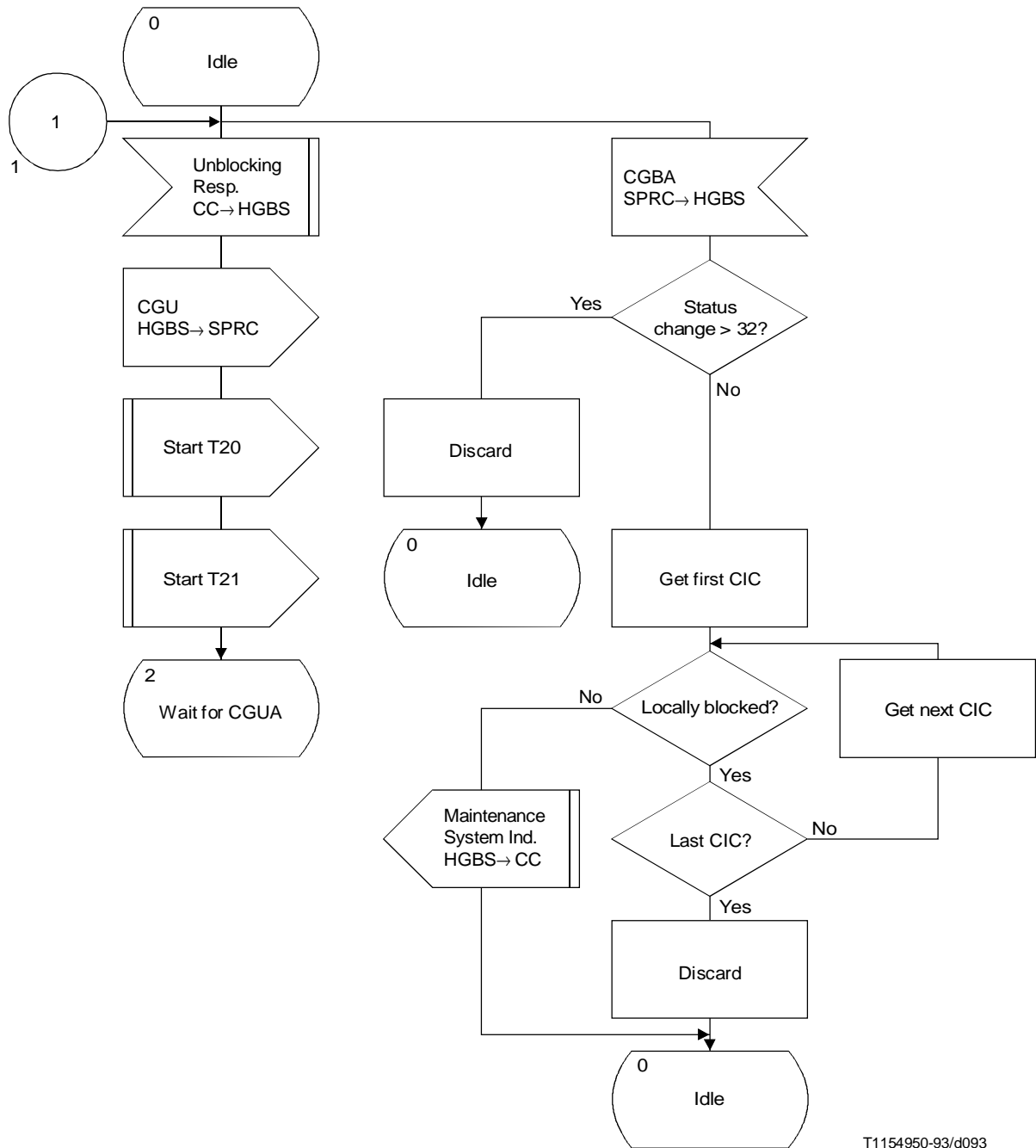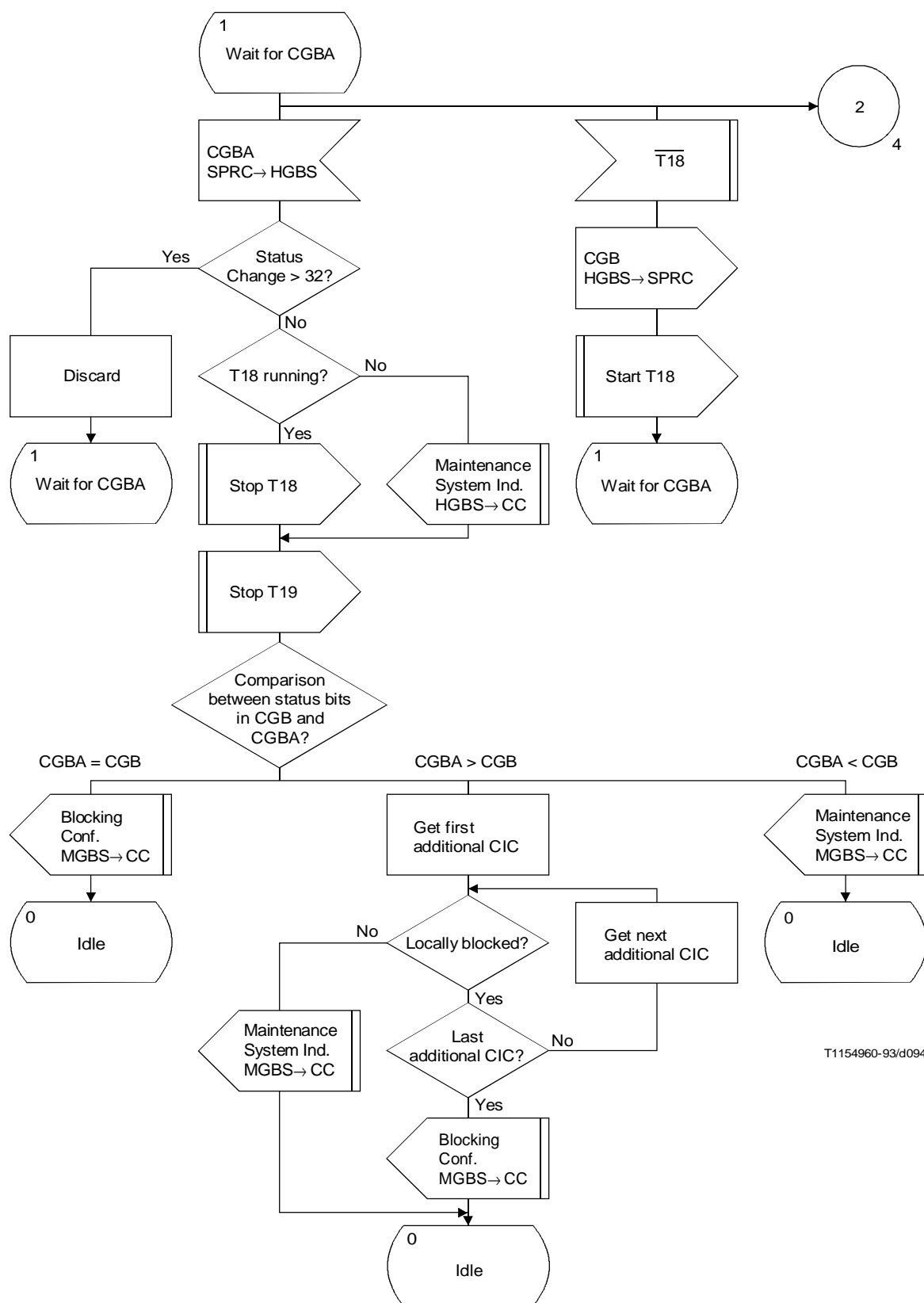FIGURE H.33/Q.764 (sheet 5 of 6)

Hardware Failure Oriented Circuit Group Blocking/Unblocking Sending (HGBS)
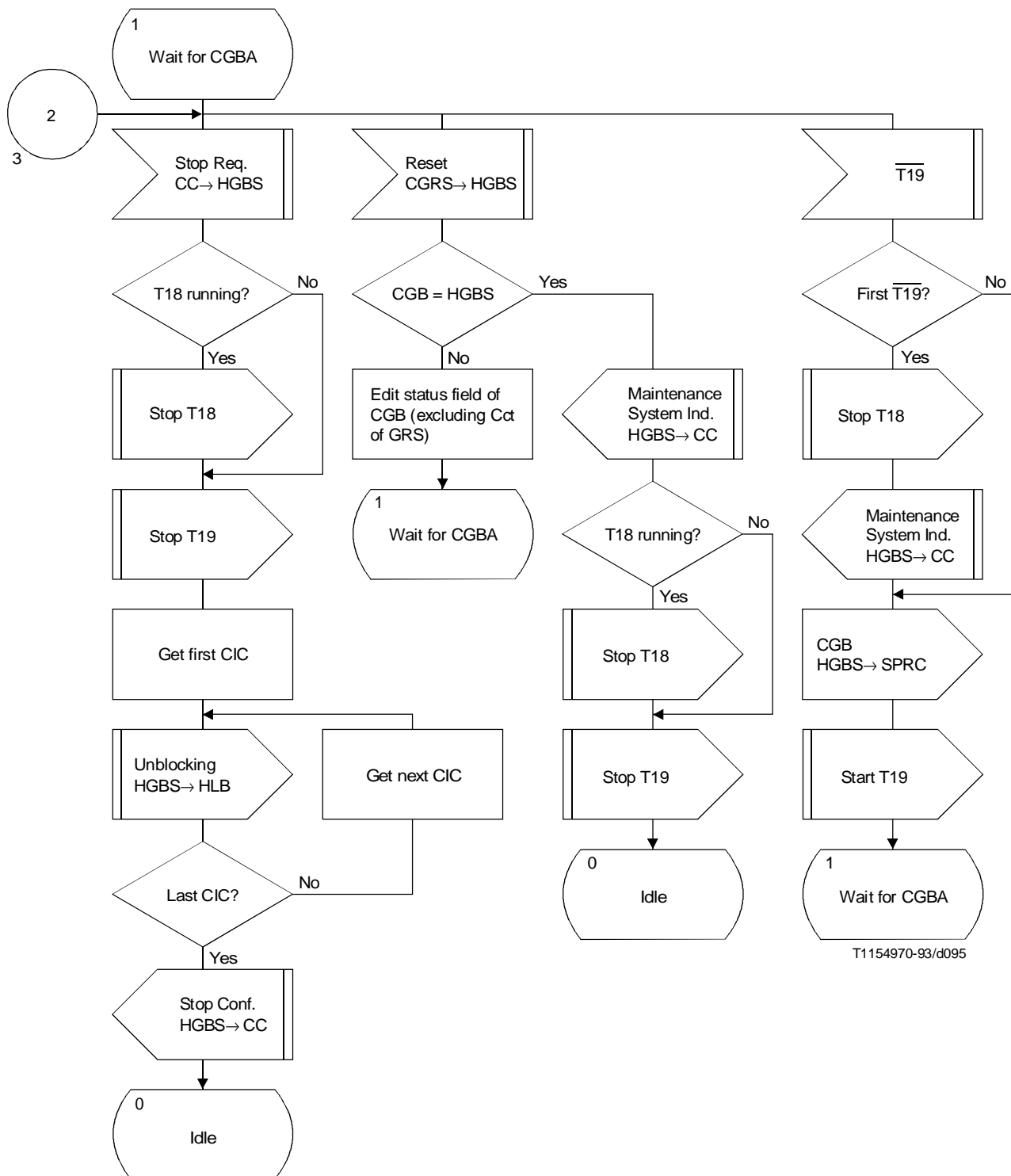
FIGURE H.33/Q.764 (sheet 6 of 6)

Hardware Failure Oriented Circuit Group Blocking/Unblocking Sending (HGBS)
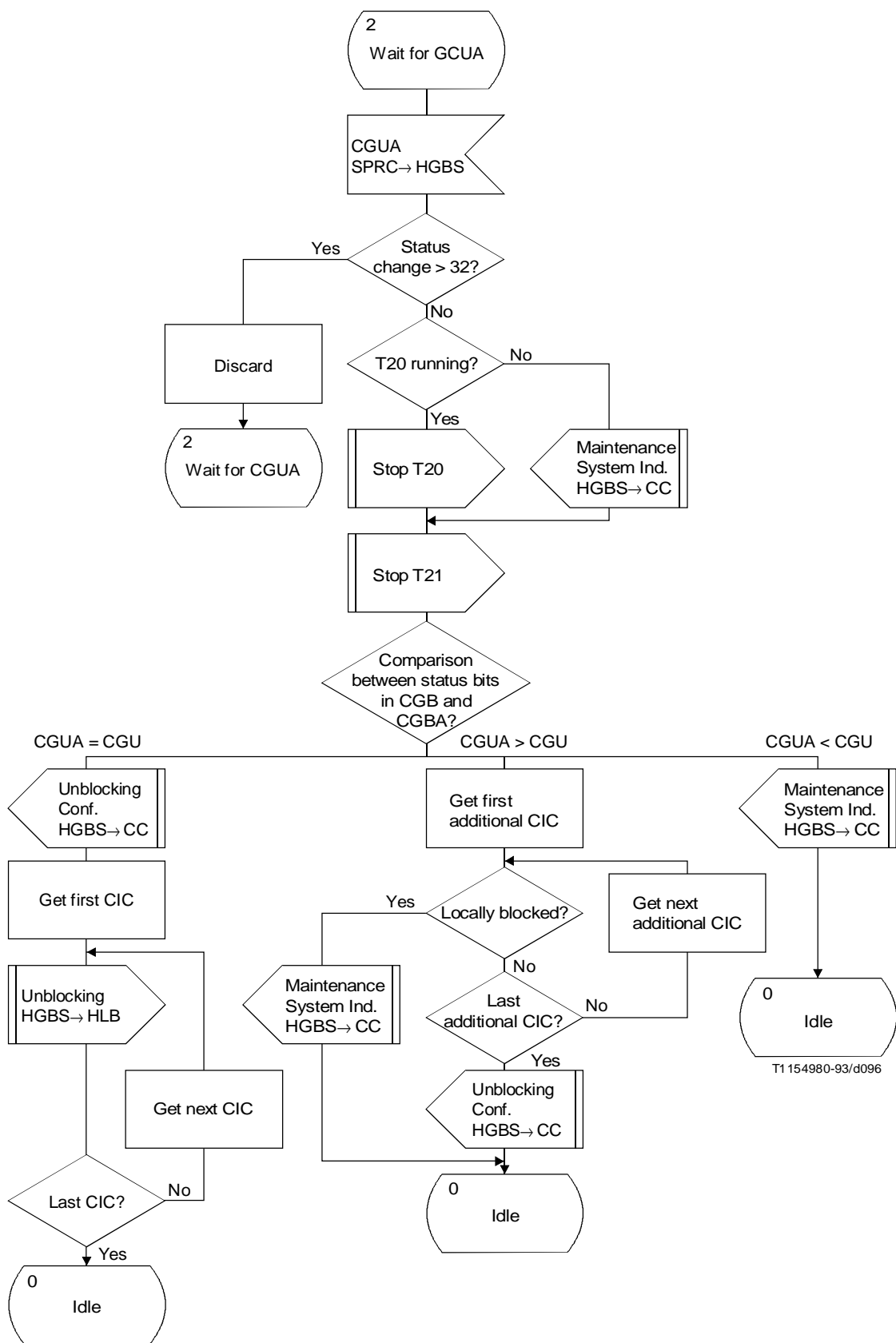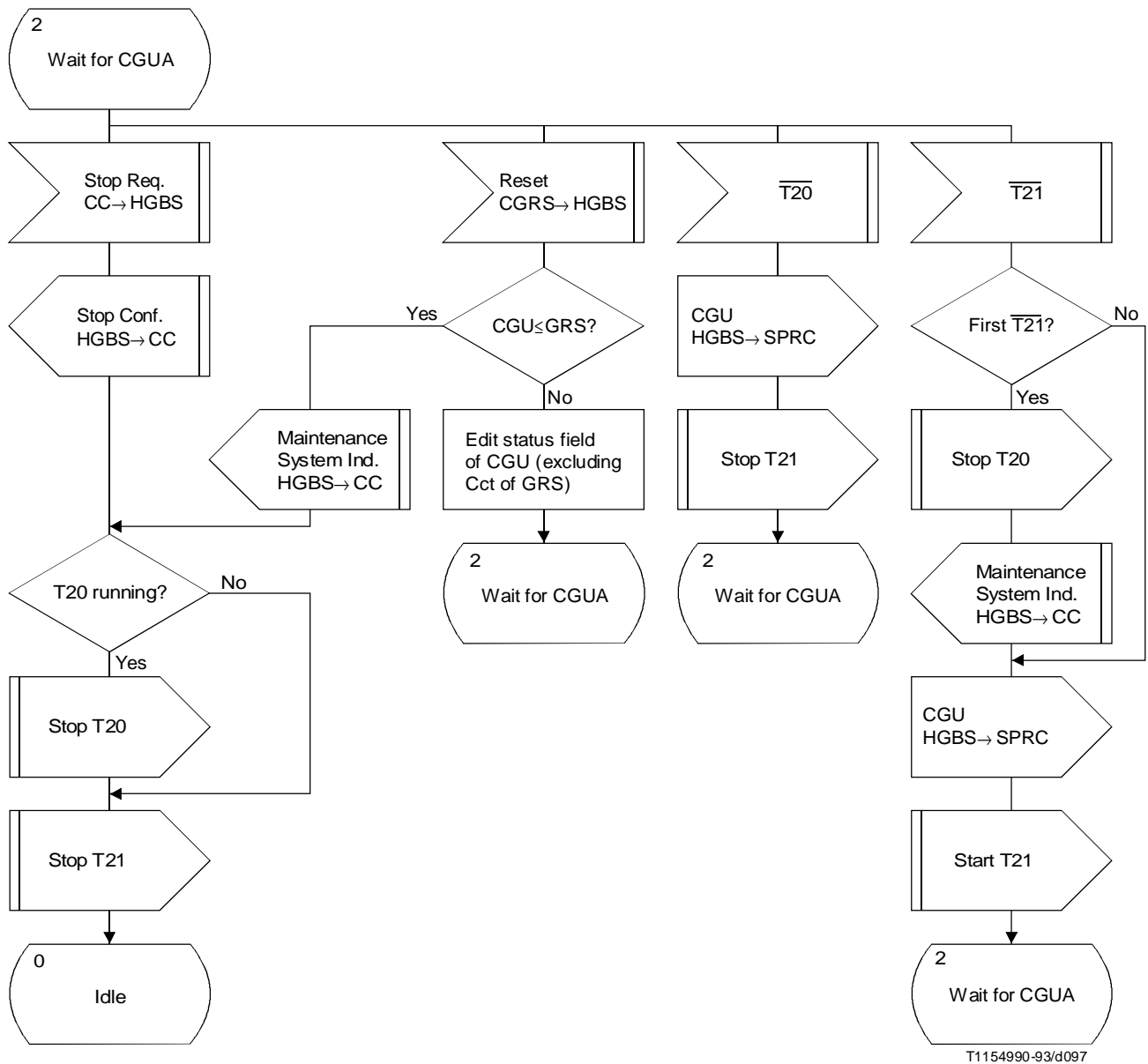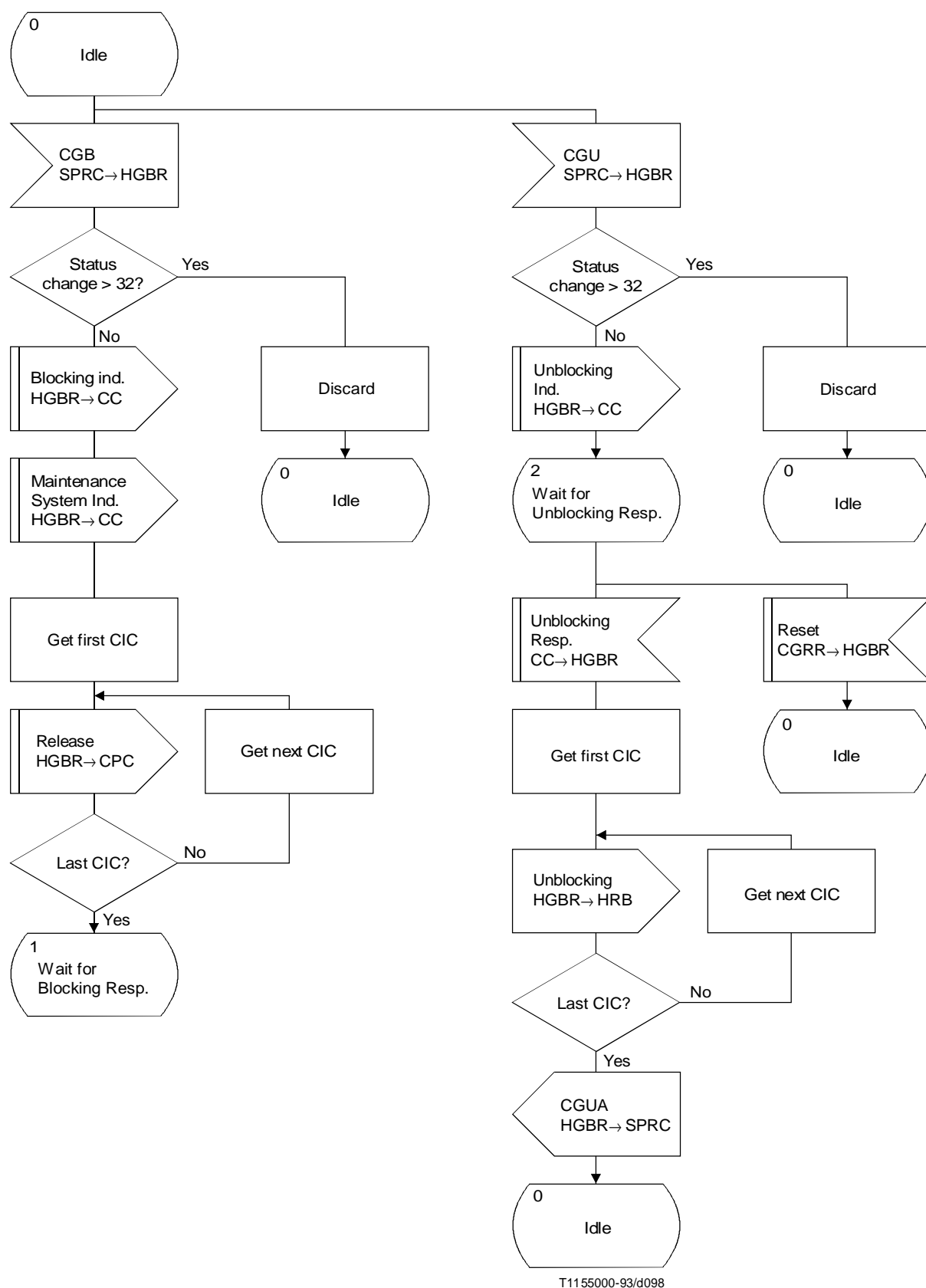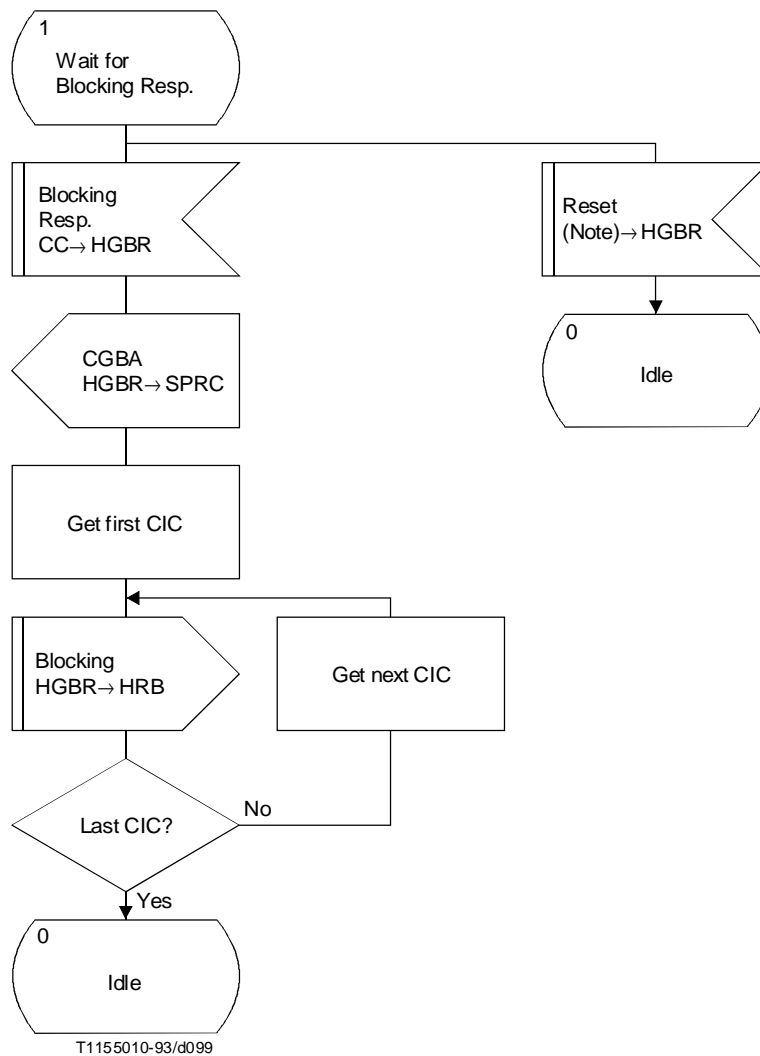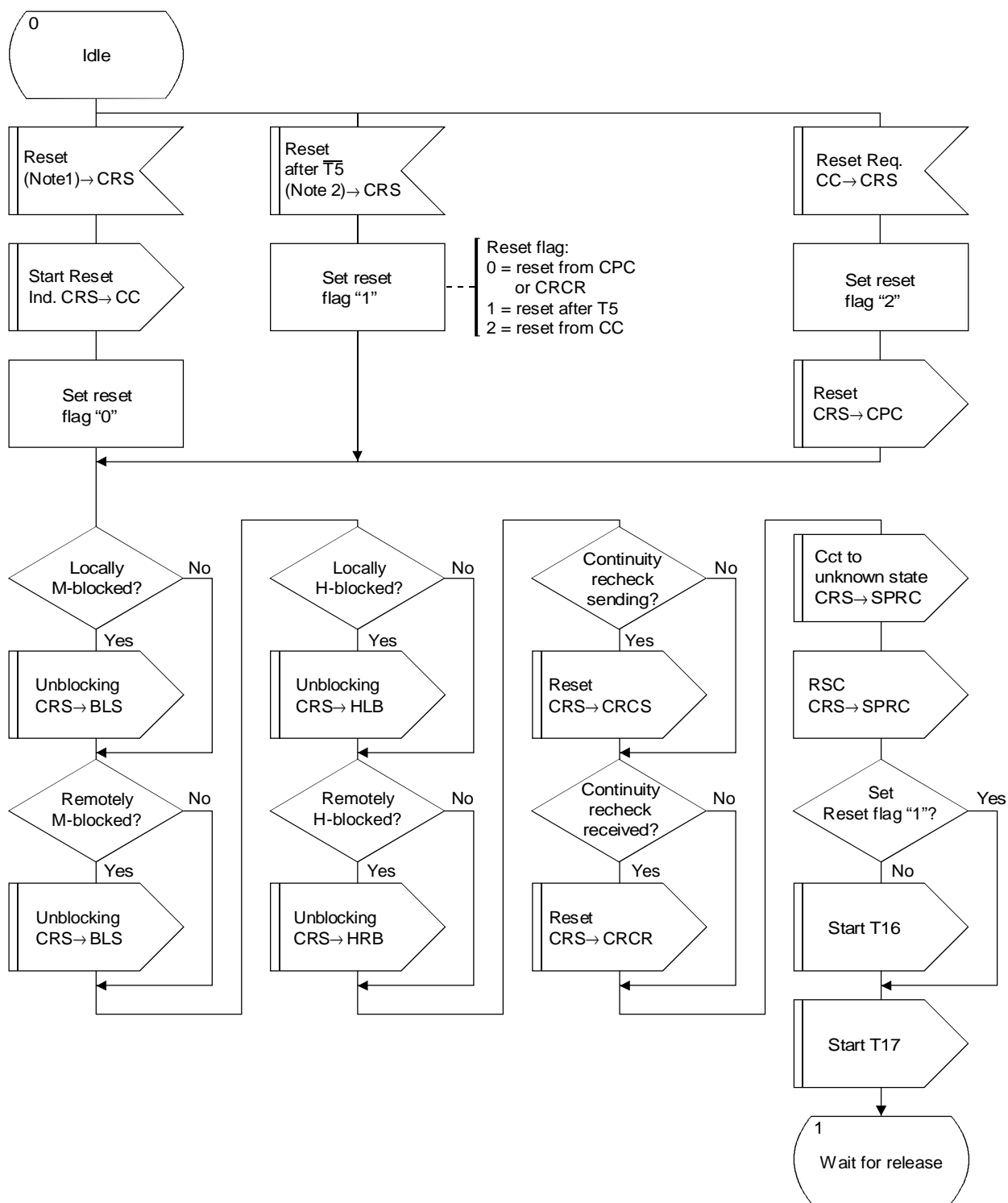
FIGURE H.34/Q.764 (sheet 1 of 2)

Hardware Failure Oriented Circuit Group Blocking/Unblocking Reception (HGBR)

NOTE – CGRS, CGRR.

FIGURE H.34/Q.764 (sheet 2 of 2)

**Hardware Failure Oriented Circuit Group Blocking/Unblocking
Reception (HGBR)**

0 Idle

Reset (Note1) → CRS

Reset after T̅5̅ (Note 2) → CRS

Reset Req. CC → CRS

Start Reset Ind. CRS → CC

Set reset flag "1"

Reset flag:
0 = reset from CPC or CRCR
1 = reset after T5
2 = reset from CC

Set reset flag "2"

Set reset flag "0"

Reset CRS → CPC

Locally M-blocked? — No

Yes

Unblocking CRS → BLS

Locally H-blocked? — No

Yes

Unblocking CRS → HLB

Continuity recheck sending? — No

Yes

Reset CRS → CRCS

Cct to unknown state CRS → SPRC

RSC CRS → SPRC

Remotely M-blocked? — No

Yes

Unblocking CRS → BLS

Remotely H-blocked? — No

Yes

Unblocking CRS → HRB

Continuity recheck received? — No

Yes

Reset CRS → CRCR

Set Reset flag "1"? — Yes

No

Start T16

Start T17

1 Wait for release

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NOTES

1   CPC, CRCR.
2   CPC, CRCS.

FIGURE H.35/Q.764 (sheet 1 of 3)

Circuit Reset Sending (CRS)

FIGURE H.35/Q.764 (sheet 2 of 3)
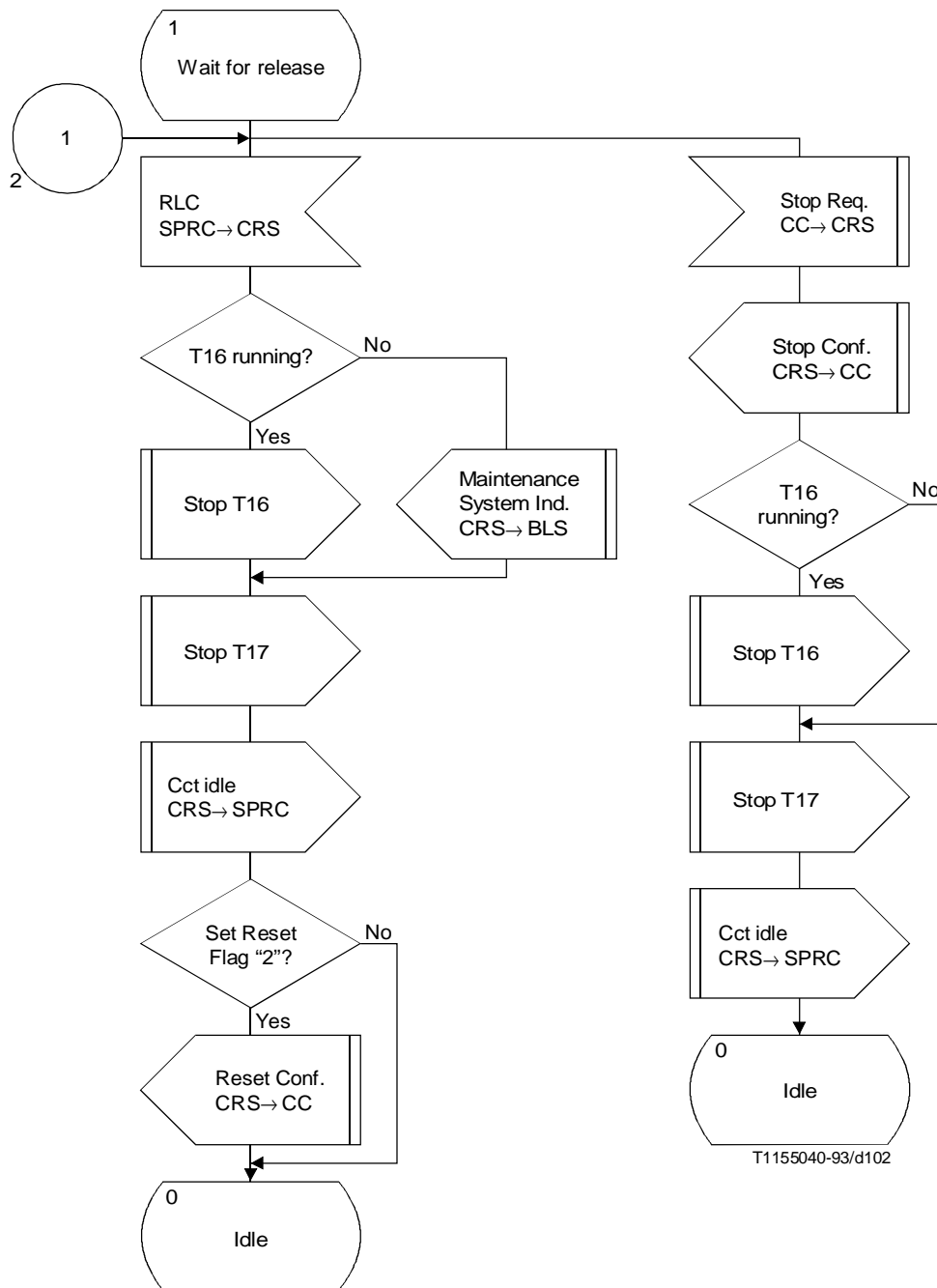
Circuit Reset Sending (CRS)

FIGURE H.35/Q.764 (sheet 3 of 3)
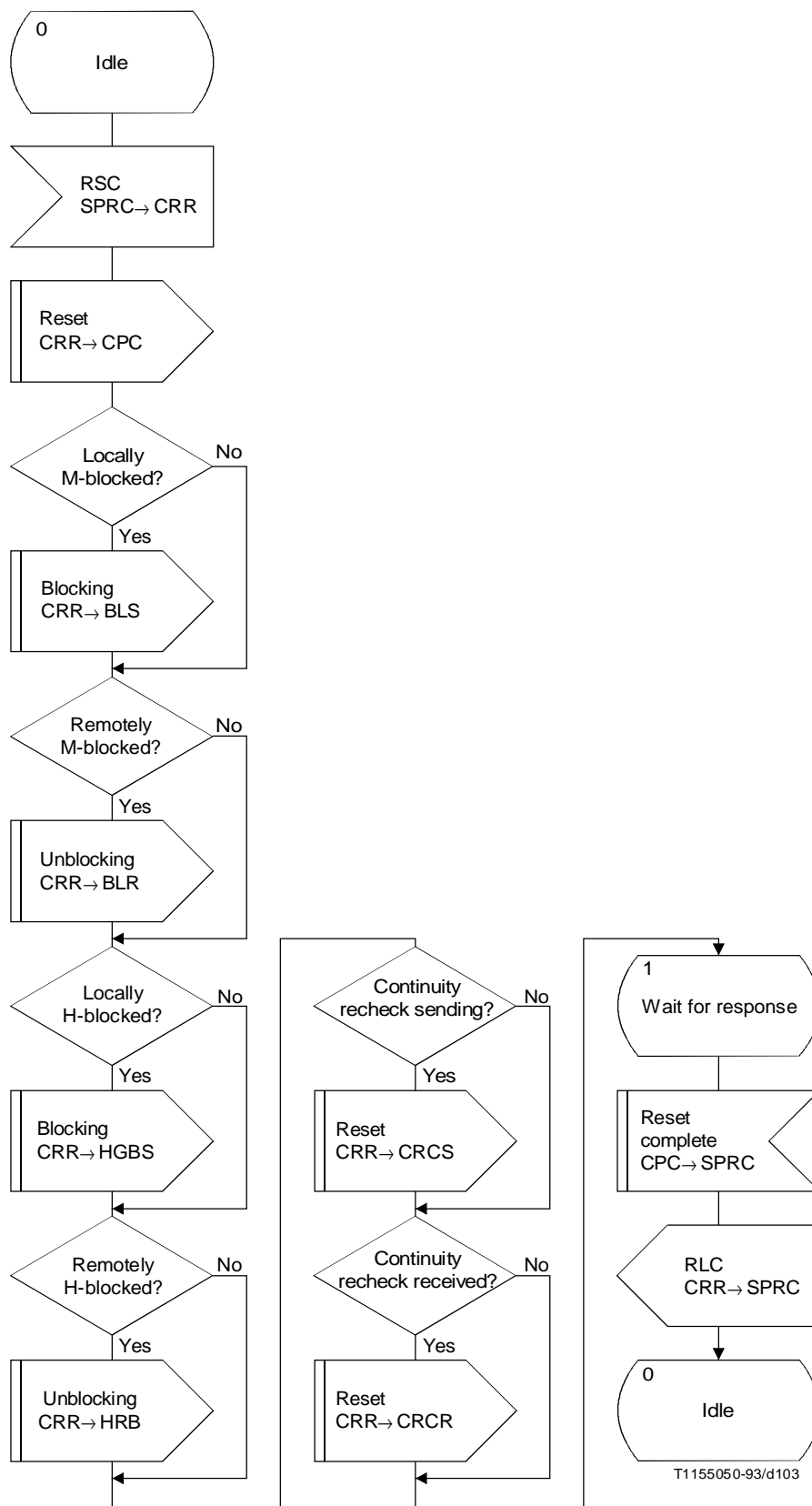
Circuit Reset Sending (CRS)

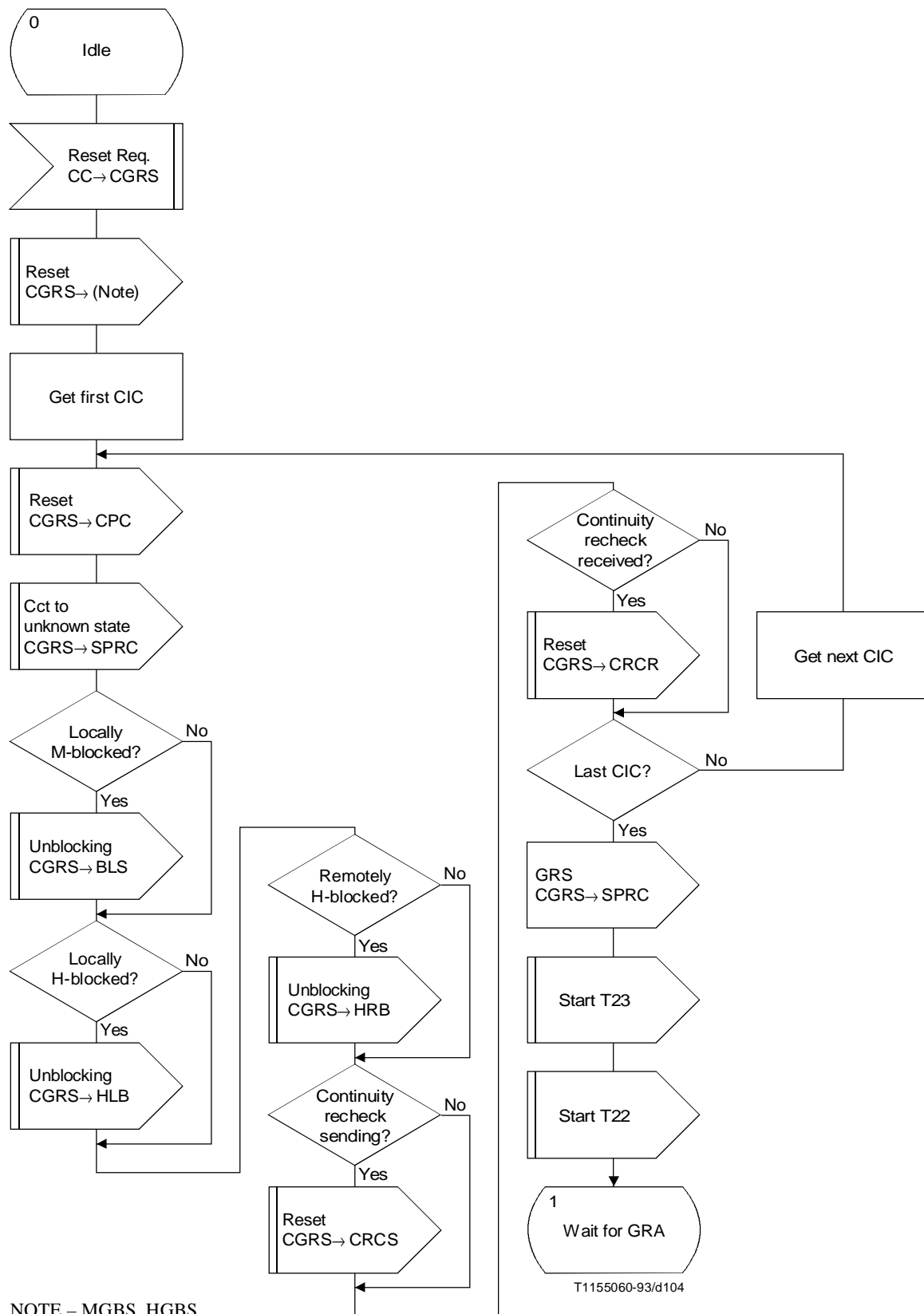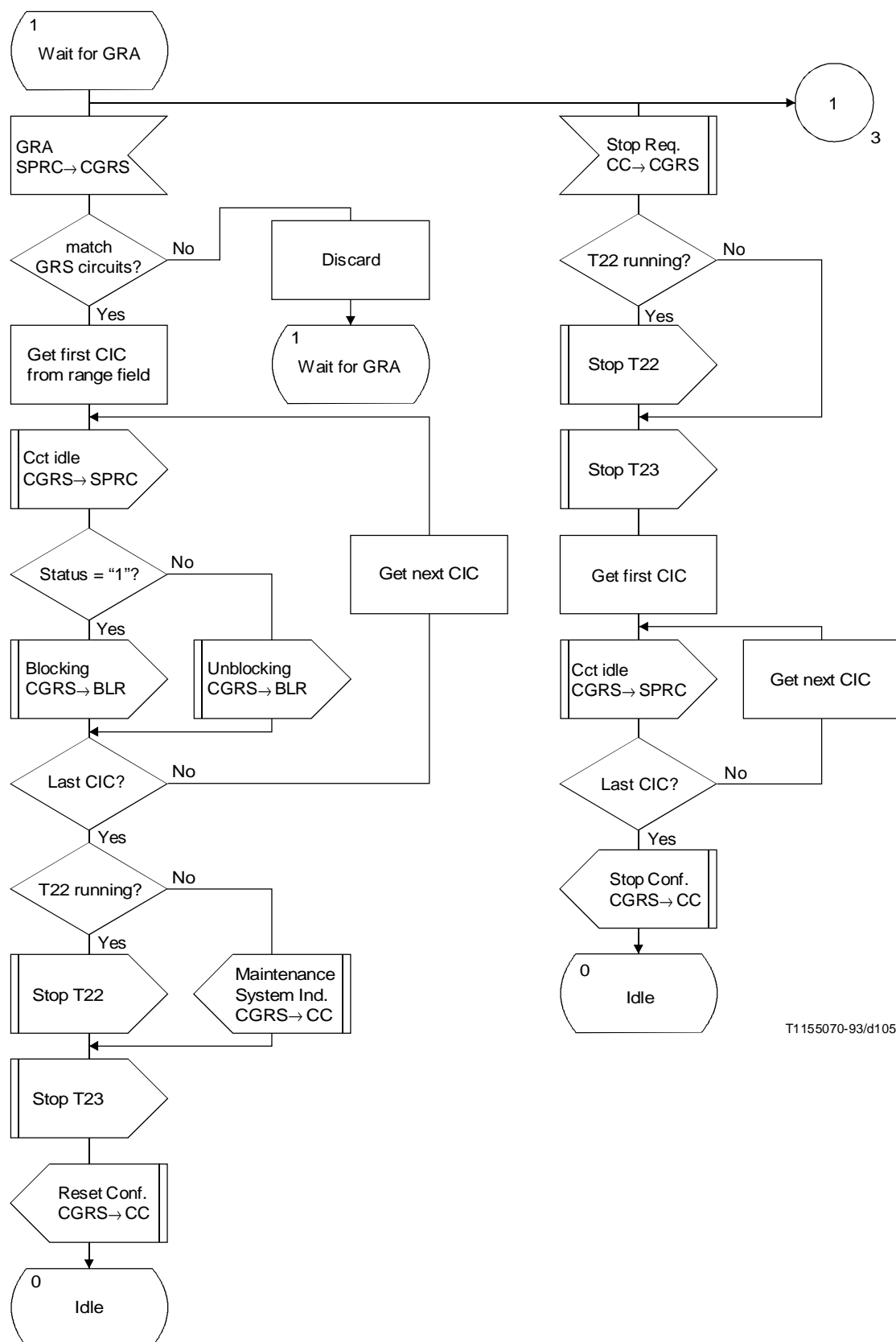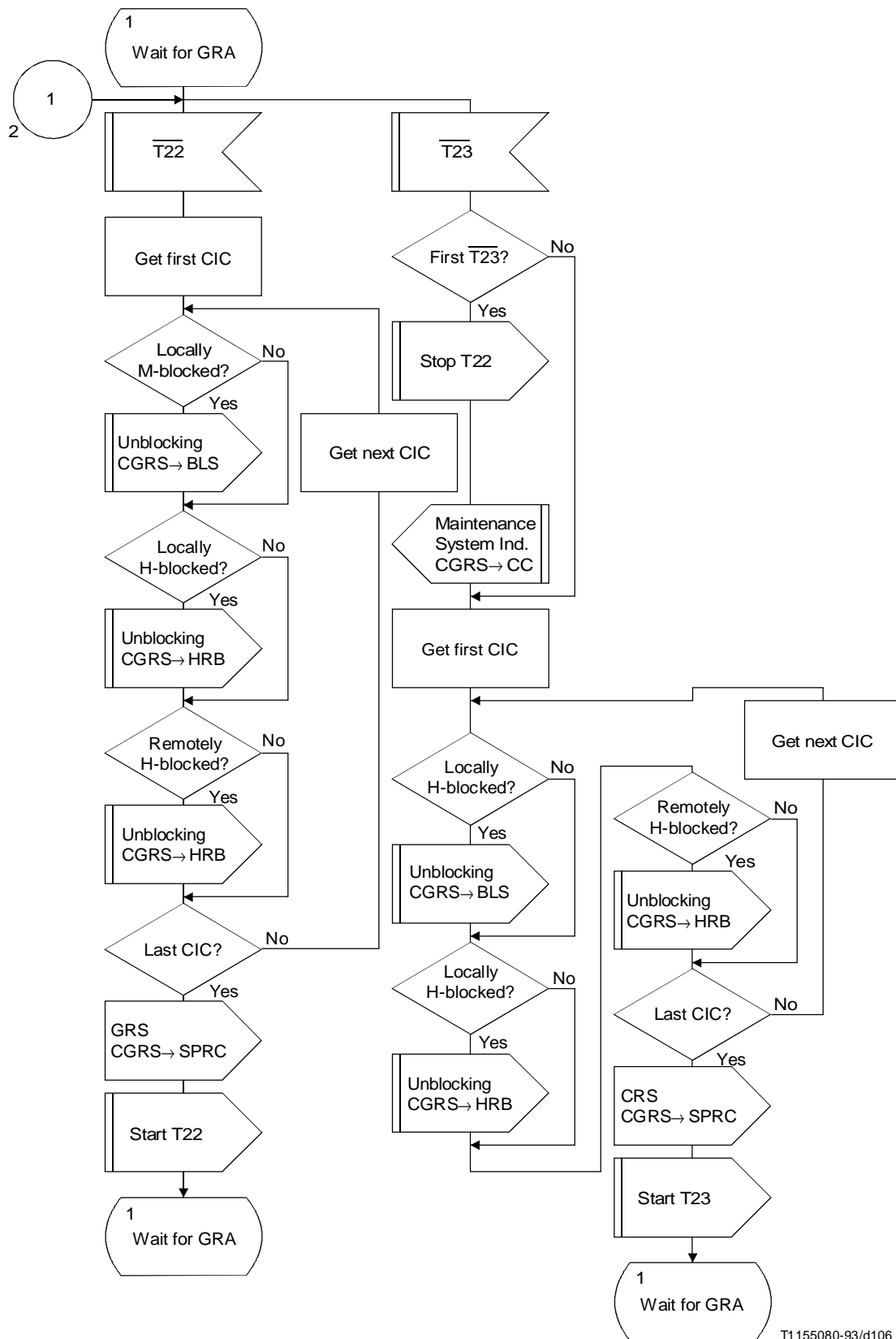FIGURE H.36/Q.764

Circuit Reset Reception (CRR)

FIGURE H.37/Q.764 (sheet 1 of 3)

Circuit Group Reset Sending (CGRS)

FIGURE H.37/Q.764 (sheet 2 of 3)

Circuit Group Reset Sending (CGRS)

FIGURE H.37/Q.764 (sheet 3 of 3)

Circuit Group Reset Sending (CGRS)